



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 <u>number</u> assigned to the application	(21)	The <u>number</u> assigned to the application	(21)
The <u>date</u> of filing	(22)	The <u>date</u> of filing	(22)
The <u>title</u> of the invention	(54)	<u>Title</u> of the invention	(54)
		<u>Number</u> of priority document(s) if any	(31)
		<u>Date(s)</u> of filing of priority documents	(32)
		<u>Country</u> of which priority documents filed	(33)
		PCT application <u>number</u>	(86)

<u>ITEM</u>	<u>INID</u> <u>No.</u>	<u>ITEM</u>	<u>INID</u> <u>No.</u>
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.

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 26 Nov 2019 .

Allnutt, T. see Red Tractor Pty Ltd (21) 2019904488	(71) Bedford, C. (21) 2019904467 (22) 26.11.2019 (54) Smart Infant Monitor	(71) Cytomatrix Limited (21) 2019904469 (22) 27.11.2019 (54) A composition for the delivery of biologically active agents and uses thereof
(71) ANIMALISTIC PET PRODUCTS PTY. LTD. (21) 2019904466 (22) 26.11.2019 (54) Expandable pet carrier enclosure.	(71) BFRE Pty Ltd (21) 2019904440 (22) 24.11.2019 (54) A structural lintel for use in openings in cavity walls.	(71) Deakin University; UNIVERSITY OF THE BASQUE COUNTRY; Basque Center for Macromolecular Design and Engineering (21) 2019904505 (22) 29.11.2019 (54) Polyionic Corrosion Inhibitors
(71) Aristocrat Technologies Australia Pty Limited (21) 2019904507 (22) 29.11.2019 (54) Electronic gaming machine and method	(71) Biotron Limited (21) 2019904453 (22) 26.11.2019 (54) Methods of treating HIV-1 infection	(71) DEFAULT DISTRIBUTION PTY. LTD.; Player, B. (21) 2019904446 (22) 25.11.2019 (54) Soft Surf Boards are a type of surf board which is soft to the touch & has an Durometer below Shore A 80. Soft Boards are traditionally manufactured by wrapping & laminating one or more soft plastic sheets around an internal plastic foam core. As a result of this manufacturing process, all Soft Surf Boards have a visible & physical exterior seam where the soft plastic sheets have been joined together. Our unique manufacturing process for soft surf boards gives us the distinctive appearance of a single soft integral skin on the exterior of the soft surf board with no visible seams or joins.
(71) ATF Services Pty Ltd (21) 2019904470 (22) 27.11.2019 (54) Surveillance equipment mounting apparatus	(71) Border CAD Service Pty Ltd (21) 2019904489 (22) 27.11.2019 (54) APPLICATOR FOR APPLYING FERTILISER INTO SUBSOIL	(71) Border CAD Service Pty Ltd (21) 2019904490 (22) 27.11.2019 (54) AGRICULTURAL CULTIVATOR ASSEMBLY
(71) Australian Geochemical Survey Pty Ltd (21) 2019904451 (22) 25.11.2019 (54) EXTRACT	(71) Boyd, K. (21) 2019904438 (22) 24.11.2019 (54) Portable Tie - Down Point	(71) de Geeter, P. (21) 2019904439 (22) 24.11.2019 (54) FASTCAST (a well tested method for the fabrication of concrete block mattresses at greatly reduced cost)
(71) Australian Geochemical Survey Pty Ltd (21) 2019904484 (22) 27.11.2019 (54) EXTRACT	(71) Coglitore, C. (21) 2019904495 (22) 28.11.2019 (54) godcoin, or funds donations on blockchain	(71) Dunn, L. (21) 2019904454 (22) 26.11.2019 (54) A small individual miniature re-programmable computer system, energized via passive/active or positive energy source exceeding explosive environments IP protocols, unit for onboard data mining detection sensor/s capture
(71) Australian Nuclear Science and Technology Organisation (21) 2019904502 (22) 28.11.2019 (54) Rapid surface decontamination process	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2019904510 (22) 29.11.2019 (54) ROBOTIC MANIPULATOR	
(71) BALAAM, R. (21) 2019904459 (22) 26.11.2019 (54) Sledding apparatus	(71) CTEQ Pty Ltd (21) 2019904511 (22) 29.11.2019 (54) A cricket batting trainer	
Basque Center for Macromolecular Design and Engineering see Deakin University (21) 2019904505		

Provisional Applications Filed - Name Index cont'd

values and ranging analysis monitoring of any environmental factors and interrogation transceiver remote scanning and integrated with any of the following features of temperature, vibration, noise, stress, breaker bar or load cell/s, volume/s, degradation, contamination, electrical induction or any other feature monitoring array of values.

(71) Durnin, P.; Farrant-Durnin, K.
(21) 2019904506 (22) 29.11.2019
(54) Computer Implemented Method for Locating Points of Interest on a Work Site

(71) Dyno Nobel Asia Pacific Pty Limited
(21) 2019904447 (22) 25.11.2019
(54) Phase-stabilized ammonium nitrate prills and related products and methods

(71) EGRS Technology Pty Ltd
(21) 2019904486 (22) 27.11.2019
(54) Apparatus and method for separating particulates

(71) Exca Pty Ltd
(21) 2019904449 (22) 25.11.2019
(54) REMOTE PIPE REPAIR APPARATUS AND METHOD

Farrant-Durnin, K. see Durnin, P.
(21) 2019904506

(71) Ferguson, T.
(21) 2019904480 (22) 27.11.2019
(54) A grease return system

(71) Firebrick Pharma Pty Ltd
(21) 2019904487 (22) 27.11.2019
(54) Novel iodophor composition and uses thereof

(71) Frost, R.
(21) 2019904468 (22) 27.11.2019
(54) Trav Triv

(71) Geofabrics Australasia Pty Ltd
(21) 2019904472 (22) 27.11.2019
(54) Mineral-Based Geosynthetic Liner

(71) Goodcart Pty Ltd
(21) 2019904503 (22) 28.11.2019
(54) A brake assembly for a pole

(71) Griffith University
(21) 2019904450 (22) 25.11.2019
(54) Immunogenic protein against gonococcal infection

(71) Hickson, K.
(21) 2019904477 (22) 27.11.2019
(54) A tool for manipulating quick release stabiliser legs of caravans and trailers

(71) Hudson, S.
(21) 2019904445 (22) 25.11.2019
(54) Animal Harness And Leash System

(71) Invertigro Pty Ltd
(21) 2019904461 (22) 26.11.2019
(54) Fast filling and draining valve assembly and associated system

(71) IPALCO BV
(21) 2019904497 (22) 28.11.2019
(54) MOORING ROBOT

(71) L. & A. Fazzini Manufacturing Pty Ltd
(21) 2019904473 (22) 27.11.2019
(54) Improved fire rated wall penetration for pipes and ducts

(71) Leigh-Smith, C.
(21) 2019904500 (22) 28.11.2019
(54) E.Cue - Autism Spectrum Disorder management aid, adaptive to various demographics for mental health and behavioural management. Housed in a hand-held mobile device with 3D-contoured topographic map styling, with integrated biofeedback technology to support emotion recognition and emotional self-regulation.

(71) Mills Display Limited
(21) 2019904478 (22) 27.11.2019
(54) A MODULAR AND CUSTOMISABLE APPLIANCE DISPLAY SUITE

(71) MOMENTUM WORLDWIDE PTY LIMITED
(21) 2019904443 (22) 25.11.2019
(54) A wheelie good idea 2. A simple and low cost way to control maggots, flies and other insects in a wheelie bin at the push of a button.

Monash University see The University of Melbourne
(21) 2019904515

(71) Norton, M.
(21) 2019904501 (22) 28.11.2019
(54) Brush cutter accessory invention

(71) O'Donnell, S.
(21) 2019904504 (22) 29.11.2019
(54) Favourites Mode - Digital Radio - This mode allows all automobiles with digital radio to add songs/tracks that radio stations are playing to a favourites folder on your cars hard drive. When digital radio is in favourites mode any station playing one of your favourite songs with flash green and highlight the song, allowing you to select that station without endlessly scanning stations for something to listen to.

(71) Oon, Y.
(21) 2019904512 (22) 29.11.2019
(54) Method, system of lean medical belief system based on unified medical narrative

(71) PANDOE PTY LTD
(21) 2019904464 (22) 26.11.2019
(54) IMPROVED FOOTING AND METHODS OF MANUFACTURE THEREOF

(71) PANDOE PTY LTD
(21) 2019904465 (22) 26.11.2019
(54) IMPROVED BRACKET

(71) Perrier, J.
(21) 2019904444 (22) 25.11.2019
(54) Device to stimulate a cough

Player, B. see DEFAULT DISTRIBUTION PTY. LTD.
(21) 2019904446

(71) PunchBowl Packaging Limited
(21) 2019904483 (22) 27.11.2019
(54) A Carton Lidding and Stacking Apparatus and Process

(71) Qalandari, R.
(21) 2019904479 (22) 27.11.2019
(54) A novel nanosilica-based solution for enhancing mechanical and rheological properties of oil well cement.

(71) Red Tractor Pty Ltd; Allnutt, T.
(21) 2019904488 (22) 27.11.2019
(54) A structural fibre for cementitious material and a cementitious material including same

(71) RESMED LIMITED
(21) 2019904517 (22) 29.11.2019
(54) Methods and apparatus for operating a portable oxygen concentrator

Provisional Applications Filed - Name Index cont'd

(71) RESMED PTY LTD
(21) 2019904499 (22) 28.11.2019
(54) Patient Interface

(71) RESMED PTY LTD
(21) 2019904513 (22) 29.11.2019
(54) Patient Interface

(71) Robinson, E.
(21) 2019904452 (22) 25.11.2019
(54) A Faucet Assembly

(71) Rondo Building Services Pty Limited
(21) 2019904457 (22) 26.11.2019
(54) Ceiling hanger

(71) Royal Melbourne Institute of Technology
(21) 2019904508 (22) 29.11.2019
(54) A system and method for pyrolysis

(71) Royal Melbourne Institute of Technology
(21) 2019904509 (22) 29.11.2019
(54) A method and system for pyrolysis and carbon deposition

(71) Royal Melbourne Institute of Technology
(21) 2019904516 (22) 29.11.2019
(54) Water-Redispersible Graphene Powder

(71) Sava, A.
(21) 2019904463 (22) 26.11.2019
(54) Virucidal composition

(71) Skinner, M.
(21) 2019904514 (22) 29.11.2019
(54) Improved word processor

(71) Solo, Z.
(21) 2019904492 (22) 28.11.2019
(54) Using Vortex Fluidic Device for micro mixing/blending Hydrogen and Nitrogen to make Ammonia

(71) Solo, Z.
(21) 2019904493 (22) 28.11.2019
(54) Vortex Blending of H₂O and CO₂ to make Methanol (CH₃OH or CH₄O)

(71) Solo, Z.
(21) 2019904494 (22) 28.11.2019
(54) Vortex Blending Hydrogen and Toluene to make Methyl Cyclohexane (CH₃C₆H₅ + 3 H₂ → CH₃C₆H₁₁) using a Vortex Fluid Device (VFD)

(71) South Australian Health and Medical Research Institute Limited; The Flinders University of South Australia
(21) 2019904458 (22) 26.11.2019
(54) Methods and products for reducing side effects associated with use of immune agonist antibodies

(71) Southern Green Gas Limited
(21) 2019904496 (22) 28.11.2019
(54) Renewable Methanol Production Module

(71) Stor-Med Pty Ltd
(21) 2019904482 (22) 27.11.2019
(54) A SHELVING SYSTEM

(71) S VASSALLO & X.L WANG
(21) 2019904498 (22) 28.11.2019
(54) BOTTOMS UP MULTI TOOL

(71) Sweeney, M.
(21) 2019904518 (22) 29.11.2019
(54) Dual suspension bicycle frame with rigid seat stays and chain stays

(71) Synertec Pty Ltd
(21) 2019904471 (22) 27.11.2019
(54) System and method for vaporising liquid gas for measurement

(71) Tahghighi Jafarzadeh, M.
(21) 2019904474 (22) 27.11.2019
(54) A nasal filtration device

(71) Tan, Z.
(21) 2019904475 (22) 27.11.2019
(54) A dynamic 3D plan visualisation system

(71) The Blueprint Laboratory Pty Ltd
(21) 2019904481 (22) 27.11.2019
(54) Control systems and controllers for remote control of one or more mechanisms

**The Flinders University of South Australia
see South Australian Health and Medical
Research Institute Limited**
(21) 2019904458

(71) The University of Melbourne; Monash University
(21) 2019904515 (22) 29.11.2019
(54) PIEZORESISTIVE SENSOR

(71) Thomas, J.
(21) 2019904460 (22) 26.11.2019
(54) Collapsible Shed

(71) Trexapharm Pty Ltd
(21) 2019904455 (22) 26.11.2019
(54) Compositions and methods

(71) Trinder, J.
(21) 2019904476 (22) 27.11.2019
(54) A tie off roofing anchor for temporary securement during roofing installation, renovation or repair

(71) University of Southern Queensland
(21) 2019904485 (22) 27.11.2019
(54) A method and patch for defect repair

**UNIVERSITY OF THE BASQUE COUNTRY
see Deakin University**
(21) 2019904505

(71) VERSALUX LIGHTING SYSTEMS PTY LTD
(21) 2019904491 (22) 27.11.2019
(54) Biogen LED Lighting System for circadian wellbeing and alertness

(71) Walpole, P.
(21) 2019904456 (22) 26.11.2019
(54) Dual coupling onto two tow balls battery pod capsule trailer.

(71) Walpole, P.
(21) 2019904462 (22) 26.11.2019
(54) Contraflow CBD bus hub , and lollipop traffic lights preemption system.

Numerical Index

2019904438	Boyd, K.	2019904505	Deakin University; UNIVERSITY OF THE BASQUE COUNTRY; Basque Center for Macromolecular Design and Engineering
2019904439	de Geeter, P.	2019904506	Durnin, P.; Farrant-Durnin, K.
2019904440	BFRE Pty Ltd	2019904507	Aristocrat Technologies Australia Pty Limited
2019904443	MOMENTUM WORLDWIDE PTY LIMITED	2019904508	Royal Melbourne Institute of Technology
2019904444	Perrier, J.	2019904509	Royal Melbourne Institute of Technology
2019904445	Hudson, S.	2019904510	Commonwealth Scientific and Industrial Research Organisation
2019904446	DEFAULT DISTRIBUTION PTY. LTD.; Player, B.	2019904511	CTEQ Pty Ltd
2019904447	Dyno Nobel Asia Pacific Pty Limited	2019904512	Oon, Y.
2019904449	Exca Pty Ltd	2019904513	RESMED PTY LTD
2019904450	Griffith University	2019904514	Skinner, M.
2019904451	Australian Geochemical Survey Pty Ltd	2019904515	The University of Melbourne; Monash University
2019904452	Robinson, E.	2019904516	Royal Melbourne Institute of Technology
2019904453	Biotron Limited	2019904517	RESMED LIMITED
2019904454	Dunn, L.	2019904518	Sweeney, M.
2019904455	Trexapharm Pty Ltd		
2019904456	Walpole, P.		
2019904457	Rondo Building Services Pty Limited		
2019904458	South Australian Health and Medical Research Institute Limited; The Flinders University of South Australia		
2019904459	BALAAM, R.		
2019904460	Thomas, J.		
2019904461	Invertigro Pty Ltd		
2019904462	Walpole, P.		
2019904463	Sava, A.		
2019904464	PANDOE PTY LTD		
2019904465	PANDOE PTY LTD		
2019904466	ANIMALISTIC PET PRODUCTS PTY. LTD.		
2019904467	Bedford, C.		
2019904468	Frost, R.		
2019904469	Cytomatrix Limited		
2019904470	ATF Services Pty Ltd		
2019904471	Synertec Pty Ltd		
2019904472	Geofabrics Australasia Pty Ltd		
2019904473	L. & A. Fazzini Manufacturing Pty Ltd		
2019904474	Tahghighi Jafarzadeh, M.		
2019904475	Tan, Z.		
2019904476	Trinder, J.		
2019904477	Hickson, K.		
2019904478	Mills Display Limited		
2019904479	Qalandari, R.		
2019904480	Ferguson, T.		
2019904481	The Blueprint Laboratory Pty Ltd		
2019904482	Stor-Med Pty Ltd		
2019904483	PunchBowl Packaging Limited		
2019904484	Australian Geochemical Survey Pty Ltd		
2019904485	University of Southern Queensland		
2019904486	EGRS Technology Pty Ltd		
2019904487	Firebrick Pharma Pty Ltd		
2019904488	Red Tractor Pty Ltd; Allnutt, T.		
2019904489	Border CAD Service Pty Ltd		
2019904490	Border CAD Service Pty Ltd		
2019904491	VERSALUX LIGHTING SYSTEMS PTY LTD		
2019904492	Solo, Z.		
2019904493	Solo, Z.		
2019904494	Solo, Z.		
2019904495	Coglitore, C.		
2019904496	Southern Green Gas Limited		
2019904497	IPALCO BV		
2019904498	S VASSALLO & X.L WANG		
2019904499	RESMED PTY LTD		
2019904500	Leigh-Smith, C.		
2019904501	Norton, M.		
2019904502	Australian Nuclear Science and Technology Organisation		
2019904503	Goodcart Pty Ltd		
2019904504	O'Donnell, S.		

Complete Applications Filed

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Applications listed below were processed through the Patent Office Canberra during the period ending 26 Nov 2019 .

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

<hr/> <p>(71) Abbott Diabetes Care Inc. (21) 2019268205 (22) 22.11.2019 (54) Analysis of glucose median, variability, and hypoglycemia risk for therapy guidance (62) 2013369674</p> <hr/> <p>(71) Ab Initio Technology LLC (21) 2019268140 (22) 21.11.2019 (54) COMPILATION OF GRAPH-BASED PROGRAM SPECIFICATIONS WITH AUTOMATED CLUSTERING OF GRAPH COMPONENTS BASED ON THE IDENTIFICATION OF PARTICULAR DATA PORT CONNECTIONS (62) 2015312005</p> <hr/> <p>(71) Accenture Global Solutions Limited (21) 2019268138 (22) 21.11.2019 (54) DETERMINING DIGITAL VALUE OF A DIGITAL TECHNOLOGY INITIATIVE (62) 2018208739</p> <hr/> <p>(71) Accurate Repetition Pty Limited (21) 2019271996 (22) 28.11.2019 (54) IMPROVED MOTOR VEHICLE TURBO OR SUPERCHARGER DIVERTER VALVE SYSTEM (62) 2018201905</p> <hr/> <p>(71) Adama Makhteshim Ltd. (21) 2019268135 (22) 21.11.2019 (54) Artificial environment for efficient uptake of fertilizers and other agrochemicals in soil (62) 2018200770</p> <hr/> <p>(71) Adobe Inc. (21) 2019268165 (22) 21.11.2019 (54) REAL-TIME SHADOW MOVEMENT DETECTION FROM MULTIPLE IMAGES USING STATISTICAL APPROACHES AND IMAGE PRO (31) 16/260,762 (32) 29.01.19 (33) US</p> <hr/> <p>(71) Adobe Inc. (21) 2019268184 (22) 22.11.2019 (54) PRECISE AND ROBUST CAMERA CALIBRATION (31) 16/257,495 (32) 25.01.19 (33) US</p> <hr/>	<p>(71) AdvanSix Resins & Chemicals LLC (21) 2019268198 (22) 22.11.2019 (54) Coating composition including alkyl oximes (62) 2016252288</p> <hr/> <p>(71) Afixi (Qld) Pty Ltd (21) 2019268176 (22) 22.11.2019 (54) ANCHORING DEVICE (31) 2018904466 (32) 22.11.18 (33) AU</p> <hr/> <p>(71) AG 18, LLC (21) 2019271967 (22) 27.11.2019 (54) Interactive gaming among a plurality of players systems and methods (62) 2018203127</p> <hr/> <p>(71) Air Products and Chemicals, Inc. (21) 2019268173 (22) 22.11.2019 (54) MULTIPLE PRESSURE MIXED REFRIGERANT COOLING PROCESS AND SYSTEM (62) 2017236038</p> <hr/> <p>(71) Akili Interactive Labs, Inc. (21) 2019271911 (22) 26.11.2019 (54) PROCESSOR-IMPLEMENTED SYSTEMS AND METHODS FOR ENHANCING COGNITIVE ABILITIES BY PERSONALIZING COGNITIVE TRAINING REGIMENS (62) 2015264260</p> <hr/> <p>(71) Amazon Technologies, Inc. (21) 2019268151 (22) 21.11.2019 (54) Management of computing sessions (62) 2017232147</p> <hr/> <p>(71) Amazon Technologies, Inc. (21) 2019268153 (22) 21.11.2019 (54) Management of computing sessions (62) 2017232148</p> <hr/> <p>(71) AMPYX POWER B.V. (21) 2019271968 (22) 27.11.2019 (54) System and Method for Airborne Wind Energy Production (62) 2018201966</p> <hr/> <p>(71) Apple Inc. (21) 2019268195 (22) 22.11.2019 (54) Zero latency digital assistant (62) 2016320585</p> <hr/>	<hr/> <p>(71) Apple Inc. (21) 2019271873 (22) 25.11.2019 (54) User interfaces for retrieving contextually relevant media content (62) 2017284958</p> <hr/> <p>(71) Apple Inc. (21) 2019271921 (22) 26.11.2019 (54) User interface for loyalty accounts and private label accounts for a wearable device (62) 2016270323</p> <hr/> <p>(71) Apple Inc. (21) 2019271927 (22) 26.11.2019 (54) User interface for loyalty accounts and private label accounts (62) 2016270775</p> <hr/> <p>(71) Arcadyan Technology Corporation (21) 2019271948 (22) 27.11.2019 (54) Active Convection Heat Dissipation Structure (31) 107143077 (32) 30.11.18 (33) TW</p> <hr/> <p>(71) Ardelyx, Inc. (21) 2019271918 (22) 26.11.2019 (54) Compounds and methods for inhibiting phosphate transport (62) 2014305843</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2019268143 (22) 21.11.2019 (54) A METHOD OF GAMING, A GAMING SYSTEM AND A GAME CONTROLLER (62) 2017228550</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2019268175 (22) 22.11.2019 (54) A METHOD OF GAMING, A GAMING SYSTEM AND A GAME CONTROLLER (62) 2017217159</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2019268181 (22) 22.11.2019</p> <hr/>
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Complete Applications Filed - Name Index cont'd

(54) SYSTEM AND METHOD FOR SERVER-BASED CALCULATION OF ROYALTIES FOR GAMING
(62) 2017251762

(71) Aristocrat Technologies Australia Pty Limited
(21) 2019272049 (22) 29.11.2019
(54) Keno game with bonus ball draw and bonus multiplier
(31) 62/566,036 (32) 29.09.17 (33) US

(71) Armor
(21) 2019271962 (22) 27.11.2019
(54) Cathode for electrochemical accumulator and associated accumulator, energy storage device and manufacturing method
(31) 18 72042 (32) 29.11.18 (33) FR

(71) ASSA ABLOY New Zealand Limited
(21) 2019271986 (22) 28.11.2019
(54) LOCK ASSEMBLY
(31) 748921 (32) 03.12.18 (33) NZ

(71) ASSEMBLY ELECTRONICS PTY LTD
(21) 2019271903 (22) 25.11.2019
(54) Apparatus and Method of Delaying Inrush Current
(31) 2018904563 (32) 30.11.18 (33) AU

(71) Avent Inc.
(21) 2019271908 (22) 26.11.2019
(54) DEVICE AND METHOD TO SELECTIVELY AND REVERSIBLY MODULATE A NERVOUS SYSTEM STRUCTURE TO INHIBIT THE PERCEPTION OF PAIN
(31) 62/776,926 (32) 07.12.18 (33) US

AZTherapies, Inc. see The General Hospital Corporation
(21) 2019271898

(71) B. Braun Melsungen AG
(21) 2019271944 (22) 26.11.2019
(54) Needle assemblies with flashback indicator and related methods
(62) 2015370954

(71) Balance Therapeutics, Inc
(21) 2019268190 (22) 22.11.2019
(54) Methods for treating hypersomnia
(62) 2015247829

(71) Bally Gaming, Inc.
(21) 2019271966 (22) 27.11.2019
(54) Methods of transferring funds in a cashless wagering system
(62) 2017279785

(71) Bedford Systems LLC
(21) 2019271987 (22) 28.11.2019
(54) FLOW CIRCUIT FOR CARBONATED BEVERAGE MACHINE
(62) 2015336165

(71) Benedict, A.
(21) 2019271970 (22) 27.11.2019
(54) RAIL CAR TERMINAL DIGITAL DATA HUB
(62) 2016203728

(71) BGC Partners, Inc
(21) 2019271874 (22) 25.11.2019
(54) SYSTEM AND METHOD FOR MATCHING TRADING ORDERS BASED ON PRIORITY
(62) 2017258978

(71) BIN HAMZAH, A.K.
(21) 2019271998 (22) 28.11.2019
(54) Remote Cathodic Protection Monitoring System
(31) PI 2019004719 (32) 16.08.19 (33) MY

(71) Biotron Limited
(21) 2019271955 (22) 27.11.2019
(54) Methods of treating HIV-1 infection
(31) 2019904453 (32) 26.11.19 (33) AU

(71) BITZER Kuehlmaschinenbau GmbH
(21) 2019268187 (22) 22.11.2019
(54) Refrigerant compressor
(31) 10 2018 129 473.5 (32) 22.11.18 (33) DE

(71) Bombardier Transportation GmbH
(21) 2019271893 (22) 25.11.2019
(54) PERSONAL PROTECTION DEVICE FOR FIXING ON THE UNDERSIDE OF A RAIL VEHICLE
(31) 102018133181.9 (32) 20.12.18 (33) DE

(71) Bombardier Transportation GmbH
(21) 2019271895 (22) 25.11.2019
(54) MODULAR PERSONAL PROTECTION DEVICE UNDER THE VEHICLE
(31) 102018133177.0 (32) 20.12.18 (33) DE

(71) Boston Scientific Scimed, Inc.
(21) 2019268139 (22) 21.11.2019
(54) Tissue extraction devices and methods
(62) 2017208288

(71) Breville Pty Limited
(21) 2019271885 (22) 25.11.2019
(54) Apparatus and method for frothing milk
(62) 2014328471

(71) Burcon Nutrascience (MB) Corp.
(21) 2019271991 (22) 28.11.2019

(54) PREPARATION OF SOY PROTEIN PRODUCTS ("S810")
(62) 2015309651

(71) Cantor Index LLC
(21) 2019271920 (22) 26.11.2019
(54) SYSTEM AND METHOD FOR GENERATING CUSTOMIZED ODDS BETS FOR AN EVENT
(62) 2017251866

Centre de Cooperation Internationale en Recherche Agronomique pour le Developpement (CIRAD) see EMBRAPA-Empresa Brasileira de Pesquisa Agropecuária
(21) 2019268160

Centre International d'Etudes Supérieures en Sciences Agronomiques (Montpellier Supagro) see EMBRAPA-Empresa Brasileira de Pesquisa Agropecuária
(21) 2019268160

(71) CFPH, LLC
(21) 2019271959 (22) 27.11.2019
(54) SYSTEMS AND METHODS FOR DETERMINING THAT A GAMING DEVICE IS COMMUNICATING WITH A GAMING SERVER
(62) 2017225062

(71) Chang, P.
(21) 2019271504 (22) 25.11.2019
(54) Automatic Cooking Apparatus
(62) 2015202129

Chevron U.S.A. Inc. see Silixa Ltd.
(21) 2019269165

(71) CHOU, C.
(21) 2019268189 (22) 22.11.2019
(54) Quick-assembly containing box
(31) 108103518 (32) 30.01.19 (33) TW

(71) CIRCADENCE CORPORATION
(21) 2019268206 (22) 22.11.2019
(54) MISSION-BASED, GAME-IMPLEMENTED CYBER TRAINING SYSTEM AND METHOD
(62) 2016327973

(71) Clearstream Technologies Limited
(21) 2019271900 (22) 25.11.2019
(54) Catheter with markings to facilitate alignment
(62) 2018202750

(71) Clover Network, Inc.
(21) 2019271965 (22) 27.11.2019

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(54) POS System with white box encryption key sharing
(62) 2018200866

(71) Cook Medical Technologies LLC
(21) 2019268170 (22) 22.11.2019
(54) DEFLECTING ENDOSCOPE ACCESSORY CHANNELS
(62) 2017227539

(71) CORIN LIMITED
(21) 2019271988 (22) 28.11.2019
(54) A METHOD INCORPORATING COMPUTERIMPLEMENTED STEPS, FOR PROVIDING ALIGNMENT INFORMATION DATA FOR THE ALIGNMENT OF AN ORTHOPAEDIC IMPLANT FOR A JOINT OF A PATIENT
(62) 2018233036

Cornell University see Memorial Sloan Kettering Cancer Center
(21) 2019271919

(71) Cortice Biosciences, Inc.
(21) 2019271983 (22) 28.11.2019
(54) METHOD OF TREATING NEURODEGENERATIVE DISORDERS
(62) 2014284304

(71) Covidien LP
(21) 2019271931 (22) 26.11.2019
(54) Stapling device including tool assembly stabilising member
(31) 16/237,810 (32) 02.01.19 (33) US

(71) Covidien LP
(21) 2019271934 (22) 26.11.2019
(54) Seals for surgical access devices
(31) 16/238,823 (32) 03.01.19 (33) US

(71) Covidien LP
(21) 2019271936 (22) 26.11.2019
(54) Surgical access device and sleeve stops for use therewith
(31) 16/237,788 (32) 02.01.19 (33) US

(71) Creatv Microtech, Inc.
(21) 2019271979 (22) 27.11.2019
(54) Polymer microfiltration devices, methods of manufacturing the same and the uses of the microfiltration devices
(62) 2017268660

(71) CROWN EQUIPMENT CORPORATION
(21) 2019271916 (22) 26.11.2019
(54) Information system for industrial vehicles
(62) 2018201244

(71) Cubic Corporation
(21) 2019271880 (22) 25.11.2019
(54) HUMAN-AIDED GEO-RECTIFICATION OF GEOSPATIAL METADATA IN VIDEO USING A GRAPHICAL INTERFACE
(31) 16/660,229 (32) 22.10.19 (33) US

(71) Cytokinetics, Inc
(21) 2019268177 (22) 22.11.2019
(54) Improving resistance to skeletal muscle fatigue
(62) 2018200930

(71) Dallmeier electronic GmbH & Co. KG
(21) 2019271883 (22) 25.11.2019
(54) System for monitoring and influencing objects of interest and processes carried out by the objects, and corresponding method
(62) 2015404349

(71) Deere & Company
(21) 2019271992 (22) 28.11.2019
(54) Boom Lock
(31) 16/213,752 (32) 07.12.18 (33) US

(71) DEKA Products Limited Partnership
(21) 2019268166 (22) 22.11.2019
(54) PUMPING CASSETTE
(62) 2017200864

(71) Depco-TRH Pty Ltd
(21) 2019271977 (22) 27.11.2019
(54) Enhanced tactile and auditory properties from hard materials
(31) 2018904537 (32) 29.11.18 (33) AU

(71) DePuy Synthes Products, Inc.
(21) 2019271985 (22) 28.11.2019
(54) Biceps tenodesis implants and delivery tools
(62) 2015243088

(71) DIMITROFF, T.
(21) 2019268218 (22) 25.11.2019
(54) PIPE REPLACEMENT TOOL AND METHOD

(71) eBay Inc.
(21) 2019271941 (22) 26.11.2019
(54) Context modification of queries
(62) 2017252374

(71) Ecolab USA Inc.
(21) 2019271980 (22) 27.11.2019
(54) FLURO-INORGANICS FOR INHIBITING OR REMOVING SILICA OR METAL SILICATE DEPOSITS
(62) 2015308923

(71) Electric Cable Duct Systems Pty. Ltd.
(21) 2019268210 (22) 22.11.2019
(54) A COVERING FOR USE WITH A FLOOR BOX
(62) 2015204344

(71) Electrocore, LLC
(21) 2019268217 (22) 25.11.2019
(54) Non-invasive vagal nerve stimulation to treat disorders
(62) 2018203793

(71) Electronics Commodities Exchange
(21) 2019271981 (22) 27.11.2019
(54) METHODS FOR RECOMMENDING JEWELRY ITEMS
(62) 2014214968

(71) EMBRAPA-Empresa Brasileira de Pesquisa Agropecuária; Centre de Co-operation Internationale en Recherche Agronomique pour le Développement (CIRAD); Centre International d'Etudes Supérieures en Sciences Agronomiques (Montpellier Supagro); Torres Comércio E Processamento de Produtos Naturais Ltda ME.
(21) 2019268160 (22) 21.11.2019
(54) CONCENTRATION AND PURIFICATION OF EXTRACT OBTAINED FROM CASHEW PSEUDOFruit WASTES AND PRODUCTS WITH A HIGH CAROTENOID CONTENT
(62) 2018203088

(71) Emory University
(21) 2019271886 (22) 25.11.2019
(54) Cas9-nucleic acid complexes and uses related thereto
(62) 2014207618

(71) Environmental Management Confederation, Inc.
(21) 2019271901 (22) 25.11.2019
(54) Corrugated Filtration Media for Polarising Air Cleaner
(62) 2016250247

(71) EPOCH Company, Ltd.
(21) 2019271887 (22) 25.11.2019
(54) Fusible toy bead
(62) 2018282477

(71) Fisher & Paykel Healthcare Limited
(21) 2019268201 (22) 22.11.2019
(54) RESPIRATORY INTERFACE
(62) 2014360894

(71) Fisher & Paykel Healthcare Limited
(21) 2019268202 (22) 22.11.2019
(54) PRESSURIZING MASKS, SYSTEMS AND METHODS
(62) 2015237807

Complete Applications Filed - Name Index cont'd

(71) Foresight Biotherapeutics, Inc.
(21) 2019268200 (22) 22.11.2019
(54) POVIDONE IODINE, A NOVEL ALTERNATIVE PRESERVATIVE FOR OPHTHALMIC COMPOSITIONS
(62) 2017268588

(71) Fox Sports Productions, LLC
(21) 2019271924 (22) 26.11.2019
(54) System and method for adjusting an image for a vehicle mounted camera
(62) 2018201913

(71) Fresenius Medical Care Holdings, Inc.
(21) 2019271940 (22) 26.11.2019
(54) Priming System And Method For Dialysis Systems
(62) 2017203445

(71) Gates Corporation
(21) 2019268147 (22) 21.11.2019
(54) ISOLATING DECOUPLER
(62) 2017252526

(71) GENENTECH, INC.
(21) 2019271922 (22) 26.11.2019
(54) Biomarkers and methods of treating PD-1 and PD-L1 related conditions
(62) 2017225061

(71) General Electric Company
(21) 2019271909 (22) 26.11.2019
(54) PREMIXED FUEL NOZZLE
(31) 16/203,997 (32) 29.11.18 (33) US

(71) General Electric Company
(21) 2019271950 (22) 27.11.2019
(54) FUEL INJECTOR ASSEMBLY FOR A HEAT ENGINE
(31) 16/217,546 (32) 12.12.18 (33) US

(71) General Electric Company
(21) 2019271951 (22) 27.11.2019
(54) COMBUSTION SECTION AND FUEL INJECTOR ASSEMBLY FOR A HEAT ENGINE
(31) 16/217,625 (32) 12.12.18 (33) US

(71) Genzyme Corporation
(21) 2019268188 (22) 22.11.2019
(54) Sterile chromatography resin and use thereof in manufacturing processes
(62) 2015206341

(71) GlaxoSmithKline Biologicals s.a.
(21) 2019271972 (22) 27.11.2019
(54) ADENOVIRUS POLYNUCLEOTIDES AND POLYPEPTIDES
(62) 2016275601

(71) GlaxoSmithKline Intellectual Property Development Limited
(21) 2019271952 (22) 27.11.2019
(54) Substituted benzazinones as antibacterial compounds
(62) 2016367510

(71) Google LLC
(21) 2019268179 (22) 22.11.2019
(54) METHOD AND DEVICE FOR PROCESSING MOTION EVENTS
(62) 2015287997

(71) Google LLC
(21) 2019271917 (22) 26.11.2019
(54) FABRIC NETWORK
(62) 2017261508

(71) Graco Minnesota Inc.
(21) 2019271894 (22) 25.11.2019
(54) Electric driver for wheeled ground surface modifying machine
(31) 62/771,704 (32) 27.11.18 (33) US

(71) Haddock, D.
(21) 2019271876 (22) 25.11.2019
(54) RIB MOUNTING DEVICE WITH PIVOTING INSERT
(62) 2014257326

(71) Hardrock Mining Solutions Pty Ltd
(21) 2019268182 (22) 22.11.2019
(54) Container assembly
(31) 2018904565 (32) 30.11.18 (33) AU

(71) Harris, S.
(21) 2019268214 (22) 24.11.2019
(54) Bully Box Is a safe box (letter box style) located within a school that allows students to anonymously write a letter to inform that they or another student are being bullied. The letter will be kept confidential and treated accordingly whether by assisting the victim or taken action against the bully by wither counselling, education or punishment. The victim also recommended for counselling if the incident requires it.

(71) Harris Industries Pty Ltd
(21) 2019268164 (22) 21.11.2019
(54) Sliding System
(31) 2018904445 (32) 21.11.18 (33) AU

(71) HEE Solar, L.L.C.
(21) 2019268163 (22) 21.11.2019
(54) PEROVSKITE AND OTHER SOLAR CELL MATERIALS
(62) 2018202758

(71) Hill, C.
(21) 2019271923 (22) 26.11.2019
(54) Connector device. The present invention relates to a connector device having application in the procedure of introducing an object into or through a passageway of a body, such as introducing an endotracheal tube into an airway.
(62) 2017296535

(71) HONYA Biotechnology
(21) 2019271945 (22) 26.11.2019
(54) CELLULAR MIXTURE FOR LIMITED PROLIFERATION OF NUMBER OF CELLS

(71) Hunter Douglas Inc.
(21) 2019271932 (22) 26.11.2019
(54) A power supply box for use with an architectural-structure covering
(31) 16/659,652 (32) 22.10.19 (33) US

(71) HUTCHINSON INDUSTRIES, INC.
(21) 2019271973 (22) 27.11.2019
(54) A protector shield for a sidewall of a motor vehicle tire, and a wheel assembly for this vehicle incorporating it
(62) 2018200909

(71) Illinois Tool Works Inc.
(21) 2019268148 (22) 21.11.2019
(54) Improvements in Mounting of Hand Rails to Building Structures
(31) 2018904441 (32) 21.11.18 (33) AU

(71) Inscape Data, Inc.
(21) 2019271939 (22) 26.11.2019
(54) System and method for continuous media segment identification
(62) 2015355209

INSTITUT PASTEUR see MERIAL, INC.
(21) 2019268149

(71) InterDigital CE Patent Holdings
(21) 2019271960 (22) 27.11.2019
(54) Method of controlling handover in mobile communication networks and apparatus and system implementing the method
(62) 2015243819

(71) Interscope, Inc.
(21) 2019271956 (22) 27.11.2019
(54) INSERTABLE ENDOSCOPIC INSTRUMENT FOR TISSUE REMOVAL
(62) 2017245419

(71) Interscope, Inc.
(21) 2019271997 (22) 28.11.2019

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(54) INSERTABLE ENDOSCOPIC INSTRUMENT FOR TISSUE REMOVAL
(62) 2017248536

(71) IPRA Technologies Ltd Oy
(21) 2019271954 (22) 27.11.2019
(54) A method of and system for providing access to access restricted content to a user
(62) 2015401231

(71) Jemella Limited
(21) 2019271875 (22) 25.11.2019
(54) Barrel for hair styling appliance
(62) 2018263376

(71) JORGENSON-WATTS IP PTY LTD
(21) 2019271942 (22) 26.11.2019
(54) Wings
(31) 2019900714 (32) 05.03.19 (33) AU
2018904586 03.12.18 AU
2019900982 25.03.19 AU
2019900729 06.03.19 AU
2019904384 20.11.19 AU
2018904608 04.12.18 AU

Katholieke Universiteit Leuven KU Leuven R&D see Western Sydney Local Health District
(21) 2019271915

(71) Ketogen Inc.
(21) 2019268209 (22) 22.11.2019
(54) Compounds for the treatment of seizures and other central nervous system disorders and conditions
(62) 2015271606

(71) King Abdullah University of Science and Technology
(21) 2019271929 (22) 26.11.2019
(54) System and method for conveying an assembly
(62) 2015275793

(71) King Abdullah University of Science and Technology
(21) 2019271930 (22) 26.11.2019
(54) System and method for conveying an assembly
(62) 2015275793

Kobenhavns Universitet see Movotec A/S
(21) 2019271907

(71) KPR U.S., LLC
(21) 2019268157 (22) 21.11.2019
(54) Enteral feeding pump with pump set flushing and flow compensation
(62) 2017279618

(71) Kverneland Group Nieuw-Venep B.V.
(21) 2019268185 (22) 22.11.2019
(54) Assembly for a dosing system of a spreader machine for distributing a granular material or the like, dosing system and spreader machine
(31) EP 19 150 946.2 (32) 09.01.19 (33) EP

(71) Kyndi, Inc.
(21) 2019271872 (22) 25.11.2019
(54) COGNITIVE MEMORY GRAPH INDEXING, STORAGE AND RETRIEVAL
(62) 2016235087

(71) Lanxess Deutschland GmbH
(21) 2019271961 (22) 27.11.2019
(54) Preparations having improved efficacy as flame retardants
(31) 18208789.0 (32) 28.11.18 (33) EP

(71) LG Electronics Inc.
(21) 2019268180 (22) 22.11.2019
(54) Laundry treating apparatus
(62) 2016326997

(71) LG Electronics Inc.
(21) 2019271878 (22) 25.11.2019
(54) Cleaning Apparatus
(62) 2017240611

(71) LG Electronics Inc.
(21) 2019271879 (22) 25.11.2019
(54) Cleaning Apparatus
(62) 2017240611

(71) LG Electronics Inc.
(21) 2019271881 (22) 25.11.2019
(54) Cleaning Apparatus
(62) 2017240615

(71) LG ELECTRONICS INC.
(21) 2019268133 (22) 21.11.2019
(54) Motor
(31) 10-2018-0146314 (32) 23.11.18 (33) KR

(71) LG ELECTRONICS INC.
(21) 2019271949 (22) 27.11.2019
(54) Laundry treating apparatus
(31) 10-2018-0148952 (32) 27.11.18 (33) KR
10-2019-0132496 23.10.19 KR

(71) LIN, H.
(21) 2019271914 (22) 26.11.2019
(54) Stacking Type Hydrogen Generating Device
(31) 107143486 (32) 04.12.18 (33) TW

(71) Live Camera Services Pty Ltd
(21) 2019271897 (22) 25.11.2019
(54) Hydrant tool

(71) LX Design House Pty Ltd
(21) 2019268203 (22) 22.11.2019
(54) Data logger, method and system
(31) 2018904461 (32) 22.11.18 (33) AU

(71) Manitou Italia S.r.l.
(21) 2019271935 (22) 26.11.2019
(54) Improved safety system for self-propelled operating machines
(31) 102018000010918 (32) 10.12.18 (33) IT

(71) Massachusetts Institute of Technology
(21) 2019268159 (22) 21.11.2019
(54) SYSTEMS AND METHODS FOR SYNTHESIZING CHEMICAL PRODUCTS, INCLUDING ACTIVE PHARMACEUTICAL INGREDIENTS
(62) 2015301544

(71) MasterCard International Incorporated
(21) 2019271905 (22) 25.11.2019
(54) Systems, methods, devices, and computer readable media for enabling direct electronic payment transfers
(62) 2016257858

(71) Mastercard Technologies Canada ULC
(21) 2019271890 (22) 25.11.2019
(54) Systems and methods for matching and scoring sameness
(62) 2016315900

(71) Mastercard Technologies Canada ULC
(21) 2019271891 (22) 25.11.2019
(54) Systems and methods for matching and scoring sameness
(62) 2016315900

(71) Mastercard Technologies Canada ULC
(21) 2019271892 (22) 25.11.2019
(54) Systems and methods for matching and scoring sameness
(62) 2016315900

(71) Mayo Foundation for Medical Education and Research
(21) 2019268150 (22) 21.11.2019
(54) ISOTYPING IMMUNOGLOBULINS USING ACCURATE MOLECULAR MASS
(62) 2015240454

(71) Medos International Sàrl
(21) 2019271884 (22) 25.11.2019
(54) Implant having adjustable filament coils
(62) 2018256581

(71) Memorial Sloan Kettering Cancer Center; Cornell University; The Curators of the University of Missouri
(21) 2019271919 (22) 26.11.2019

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(54) NANOPARTICLE IMMUNOCONJUGATES

(62) 2016246737

(71) MERIAL, INC.; VETAGRO-SUP; INSTITUT PASTEUR

(21) 2019268149 (22) 21.11.2019

(54) Live attenuated heterologous vaccine for Leptospira

(62) 2016333955

(71) MEYER INTELLECTUAL PROPERTIES LIMITED; Milz, C.; Vengroff, D.E.

(21) 2019271989 (22) 28.11.2019

(54) Auxiliary button for a cooking system

(62) 2017220091

Milz, C. see MEYER INTELLECTUAL PROPERTIES LIMITED

(21) 2019271989

(71) Minelab Electronics Pty. Limited

(21) 2019268137 (22) 21.11.2019

(54) AN IMPROVED METAL DETECTOR

(31) 2018904438 (32) 21.11.18 (33) AU

(71) Minnetronix, Inc.

(21) 2019268213 (22) 22.11.2019

(54) SYSTEMS AND METHODS FOR THE CONDITIONING OF CEREBROSPINAL FLUID

(62) 2016364907

(71) Movotec A/S; Kobenhavns Universitet

(21) 2019271907 (22) 25.11.2019

(54) System, apparatus and method for measurement of muscle stiffness

(62) 2015228903

(71) Multotec Pty Ltd

(21) 2019271978 (22) 27.11.2019

(54) Screen

(31) 2018904505 (32) 27.11.18 (33) AU

(71) Nakamura, K.

(21) 2019271976 (22) 27.11.2019

(54) Allocation system for subordinate

(31) 2019-011238 (32) 25.01.19 (33) JP

(71) National Nail Corp.

(21) 2019271912 (22) 26.11.2019

(54) Tension fed fastener installation tool and related methods of use

(62) 2017221342

(71) Netatmo

(21) 2019271877 (22) 25.11.2019

(54) A SENSOR ARRANGEMENT FOR USING LUMINOSITY MEASUREMENTS IN A ROOM

(62) 2017279703

(71) Netatmo

(21) 2019271910 (22) 26.11.2019

(54) DEVICE AND METHOD FOR CONTROLLING A WINDOW OR WINDOW SHADING DEVICE BASED ON MEASUREMENTS AND A SETPOINT

(62) 2017279702

(71) Nisshin Steel Co., Ltd.

(21) 2019268204 (22) 22.11.2019

(54) Hot-dip Al-based Alloy Coated Steel Sheet Excellent in Workability

(62) 2014395265

(71) O'Donnell, J.V.

(21) 2019271994 (22) 28.11.2019

(54) Safety Roof Anchors

(62) 2017213548

(71) ORTHOsoft Inc.

(21) 2019268154 (22) 21.11.2019

(54) ROBOTIC CUTTING WORKFLOW

(62) 2017348662

(71) OZKOR Pty. Ltd.

(21) 2019268144 (22) 21.11.2019

(54) A pallet

(62) 2017202183

(71) Paragon Tools Pty Ltd

(21) 2019268134 (22) 21.11.2019

(54) Trestle assembly and platform assembly formed therefrom

(31) 2018904460 (32) 22.11.18 (33) AU

(71) Patent Investment & Licensing Company

(21) 2019271899 (22) 25.11.2019

(54) Method for Configuring Casino Operations

(62) 2017268668

(71) PerkinElmer Health Sciences, Inc.

(21) 2019268197 (22) 22.11.2019

(54) Backflush methods and devices for chromatography

(62) 2017228617

(71) PerkinElmer Health Sciences, Inc.; University of Washington

(21) 2019268208 (22) 22.11.2019

(54) Compounds and methods relating to testing for lysosomal storage disorders

(62) 2014233084

(71) Polyjoule, Inc.

(21) 2019268146 (22) 21.11.2019

(54) DEVICES AND METHODS INCLUDING POLYACETYLENES

(62) 2017268556

(71) President and Fellows of Harvard College

(21) 2019268161 (22) 21.11.2019

(54) Organomimetic devices and methods of use and manufacturing thereof

(62) 2014386207

(71) President and Fellows of Harvard College

(21) 2019268194 (22) 22.11.2019

(54) CELL CULTURE SYSTEM

(62) 2019202169

(71) QILU UNIVERSITY OF TECHNOLOGY

(21) 2019271993 (22) 28.11.2019

(54) Methods for preparing food packaging films with antibacterial activity, and applications thereof

(31) CN201910348761.9(32) 28.04.19 (33) CN

(71) RedHill Biopharma Ltd.

(21) 2019271958 (22) 27.11.2019

(54) THERAPY FOR INHIBITION OF SINGLE-STRANDED RNA VIRUS REPLICATION

(62) 2015334590

(71) Repairify, Inc.

(21) 2019271963 (22) 27.11.2019

(54) Remote automotive diagnostics

(31) 16/202,642 (32) 28.11.18 (33) US

(71) RES, G.

(21) 2019268162 (22) 21.11.2019

(54) A POWER MANAGEMENT SYSTEM AND DEVICE FOR FLAMEPROOF ALTERNATORS

(31) 2018904444 (32) 21.11.18 (33) AU

(71) RTC Industries, Inc.

(21) 2019271906 (22) 25.11.2019

(54) Systems and methods for merchandising electronic displays

(62) 2016263105

(71) S&C Electric Company

(21) 2019271974 (22) 27.11.2019

(54) Method of wire break detection

(31) 62/778,481 (32) 12.12.18 (33) US

(71) Safe Foods Corporation

(21) 2019268156 (22) 21.11.2019

(54) Antimicrobial application system with recycle and capture

(62) 2018236773

(71) Sandvik Intellectual Property AB

(21) 2019268191 (22) 22.11.2019

(54) Folding hopper

(62) 2015266310

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(71) Schneider Electric Industries SAS
(21) 2019268207 (22) 22.11.2019
(54) ELECTRICAL SWITCH AND SWITCHGEAR
(31) 201821943926.4 (32) 23.11.18 (33) CN

(71) Schneider Electric Industries SAS
(21) 2019268211 (22) 22.11.2019
(54) LOAD SWITCH
(31) 201811408362.9 (32) 23.11.18 (33) CN

(71) Schneider Electric Industries SAS
(21) 2019268212 (22) 22.11.2019
(54) CURRENT TRANSFORMER, PROTECTION DEVICE AND ELECTRICAL CIRCUIT BREAKER INCLUDING SUCH A TRANSFORMER
(31) 18 72079 (32) 29.11.18 (33) FR

(71) Scootboot Pty Ltd
(21) 2019268145 (22) 21.11.2019
(54) Equine Hoof Boot
(62) 2017276238

(71) SecureAuth Corporation
(21) 2019268183 (22) 22.11.2019
(54) Fingerprint based authentication for single sign on
(62) 2015219267

(71) ServiceMesh, Inc.
(21) 2019268142 (22) 21.11.2019
(54) Systems and methods for providing repeated use of computing resources
(62) 2014232726

(71) Shanghai Chenxin Industrial Co., Ltd.
(21) 2019271946 (22) 26.11.2019
(54) WASHABLE DRINKING STRAW
(31) 201910401749.x (32) 14.05.19 (33) CN

(71) Silixa Ltd.; Chevron U.S.A. Inc.
(21) 2019269165 (22) 25.11.2019
(54) Acoustic illumination for flow-monitoring
(62) 2017258813

(71) SKIDATA AG
(21) 2019268216 (22) 25.11.2019
(54) Access control device for persons or vehicles
(31) 18208804.7 (32) 28.11.18 (33) EP

(71) Smart Wires Inc.
(21) 2019271971 (22) 27.11.2019
(54) Fast post-fault phase reactance balancing
(31) 62/779,805 (32) 14.12.18 (33) US
685/2019 16.10.19 PK

(71) Software Motor Company
(21) 2019271913 (22) 26.11.2019
(54) Method and apparatus for quasi-sensorless adaptive control of switched reluctance motor drives
(62) 2018283901

(71) Solar Mosaic, Inc.
(21) 2019271882 (22) 25.11.2019
(54) SECURE DATA ACQUISITION AND PROCESSING SYSTEM
(31) 16/199,600 (32) 26.11.18 (33) US

(71) Soremartec S.A.
(21) 2019268171 (22) 22.11.2019
(54) A PROCESS FOR DISPENSING FLUID FOODSTUFF MATERIAL INTO A SHAPING CAVITY OF A MOULD
(31) 102018000010552 (32) 23.11.18 (33) IT

(71) Southwire Company, LLC
(21) 2019271896 (22) 25.11.2019
(54) TRACEABLE AND THEFT DETERRENT RECLAIMABLE PRODUCT
(62) 2018222953

(71) Stramit Corporation Pty Limited
(21) 2019268158 (22) 21.11.2019
(54) IMPACT RESISTANT CLADDING ASSEMBLY AND METHOD
(62) 2015202778

(71) STUBBS, M.
(21) 2019271933 (22) 26.11.2019
(54) A Control System
(62) 2014218527

(71) SUEZ Treatment Solutions Inc.
(21) 2019271953 (22) 27.11.2019
(54) Synthetic compressible medium filter backwash processes
(62) 2016428792

(71) Suncor Energy Inc.
(21) 2019271925 (22) 26.11.2019
(54) Enhanced techniques for dewatering thick fine tailings
(62) 2017272207

(71) Sun Electric Digital Stream Ltd
(21) 2019271982 (22) 27.11.2019
(54) Power grid system and method of determining power consumption at one or more building connections in a power grid system
(62) 2015307294

(71) Sun Patent Trust
(21) 2019271888 (22) 25.11.2019
(54) Integrated circuit
(62) 2018206700

(71) Takano, M.
(21) 2019271957 (22) 27.11.2019
(54) DEVICE FOR GENERATING PULSATILE FLOW OR INTERMITTENT FLOW
(62) 2016300508

(71) Technologies Holdings Corp.
(21) 2019271943 (22) 26.11.2019
(54) DOUBLE-GRIPPER FOR THE APPLICATION OF TEAT CUPS TO AN ANIMAL TO BE MILKED, RINSE CUP FOR THIS AND MILKING MACHINE PROVIDED THEREWITH, AND A METHOD FOR MILKING
(62) 2018220140

(71) The Boeing Company
(21) 2019268152 (22) 21.11.2019
(54) Bootstrap hydraulic reservoir
(31) 16/199,106 (32) 23.11.18 (33) US

(71) The Boeing Company
(21) 2019268169 (22) 22.11.2019
(54) Isolation coupler for a structural assembly and method for attenuating a load
(31) 16/214,638 (32) 10.12.18 (33) US

The Curators of the University of Missouri
see Memorial Sloan Kettering Cancer Center
(21) 2019271919

(71) The General Hospital Corporation; AZ-Therapies, Inc.
(21) 2019271898 (22) 25.11.2019
(54) Methods for delivering cromolyn
(62) 2017254974

(71) The Regents of the University of Michigan; University of Newcastle upon Tyne
(21) 2019271937 (22) 26.11.2019
(54) Compositions and method for destabilizing, altering, and dispersing biofilms
(62) 2014326756

The University of Sydney see Western Sydney Local Health District
(21) 2019271915

(71) TNBT Holdings Pty Ltd
(21) 2019268174 (22) 22.11.2019
(54) A GRAVITY HINGE, A GRAVITY HINGE KIT, A METHOD FOR INSTALLING A MOVABLE BARRIER, AND A DOOR ASSEMBLY
(31) 2019902813 (32) 06.08.19 (33) AU

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BRAPA-Empresa Brasileira de Pesquisa Agropecuária
(21) 2019268160

(71) TSINGHUA UNIVERSITY
(21) 2019271889 (22) 25.11.2019
(54) SINGLE-PHASE-TO-GROUND FAULT LINE SELECTION METHOD FOR DISTRIBUTION LINES AND COMPUTER READABLE STORAGE MEDIUM
(31) 201911160418.8 (32) 23.11.19 (33) CN

(71) Tung Hing Plastic Manufactory Limited
(21) 2019271904 (22) 25.11.2019
(54) IMPROVED HAIR FASTENER
(31) 2018904970 (32) 26.11.18 (33) AU

(71) Universitaet Basel
(21) 2019271964 (22) 27.11.2019
(54) Carbohydrate ligands that bind to IgM antibodies against myelin-associated glycoprotein
(62) 2015228870

University of Newcastle upon Tyne see The Regents of the University of Michigan
(21) 2019271937

(71) University of North Carolina at Chapel Hill
(21) 2019271995 (22) 28.11.2019
(54) METHOD OF ENGRAFTING CELLS FROM SOLID TISSUES
(62) 2017203235

University of Washington see PerkinElmer Health Sciences, Inc.
(21) 2019268208

Vengroff, D.E. see MEYER INTELLECTUAL PROPERTIES LIMITED
(21) 2019271989

(71) Vertex Pharmaceuticals Incorporated
(21) 2019271928 (22) 26.11.2019
(54) Prodrugs of pyridone amides useful as modulators of sodium channels
(62) 2014362255

VETAGRO-SUP see MERIAL, INC.
(21) 2019268149

(71) VIDEO GAMING TECHNOLOGIES, INC.
(21) 2019268178 (22) 22.11.2019
(54) A GAMING MACHINE
(62) 2018204131

(71) Vision Engineering Limited
(21) 2019271926 (22) 26.11.2019

(54) OPTICAL OBJECTIVE WITH ENLARGEMENT OF THE EXIT PUPIL BY MEANS OF A DIFFRACTIVE ELEMENT
(62) 2017268585

(71) Vision Engineering Limited
(21) 2019271969 (22) 27.11.2019
(54) OPTICAL INSTRUMENTS
(62) 2017268579

(71) VR Electronics Limited
(21) 2019268199 (22) 22.11.2019
(54) Method and wearable apparatus for synchronizing a user with a virtual environment
(62) 2014292546

(71) Western Sydney Local Health District; The University of Sydney; Katholieke Universiteit Leuven KU Leuven R&D
(21) 2019271915 (22) 26.11.2019
(54) Method and system for motion correction in CT imaging
(31) 2016902042 (32) 30.05.16 (33) AU

(71) WINBO - Dongjian Automotive Technology Co., Ltd.
(21) 2019271947 (22) 26.11.2019
(54) Connecting Apparatus and Bolt Assembly
(62) 2017279763

(71) Yodlee, Inc.
(21) 2019271975 (22) 27.11.2019
(54) Financial account authentication
(62) 2014218766

(71) Zhou, L.
(21) 2019268136 (22) 21.11.2019
(54) A CASE AND A METHOD FOR PROTECTING A PEARL, AND AN APPARATUS FOR ENCASING A PEARL
(31) 754581 (32) 14.06.19 (33) NZ

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2019268176	Afixi (Qld) Pty Ltd	2019271894	Graco Minnesota Inc.
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2019271921	Apple Inc.	2019271993	QILU UNIVERSITY OF TECHNOLOGY
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2019271924	Fox Sports Productions, LLC	2019271996	Accurate Repetition Pty Limited
2019271925	Suncor Energy Inc.	2019271997	Interscope, Inc.
2019271926	Vision Engineering Limited	2019271998	BIN HAMZAH, A.K.
2019271927	Apple Inc.	2019272049	Aristocrat Technologies Australia Pty Limited
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2019271929	King Abdullah University of Science and Technology		
2019271930	King Abdullah University of Science and Technology		
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2019271979	Creatv Microtech, Inc.		
2019271980	Ecolab USA Inc.		
2019271981	Electronics Commodities Exchange		
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2019271983	Cortice Biosciences, Inc.		
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2019271986	ASSA ABLOY New Zealand Limited		
2019271987	Bedford Systems LLC		
2019271988	CORIN LIMITED		
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2019271992	Deere & Company		

Innovation Patent Applications Filed

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Applications listed below were processed through the Patent Office Canberra during the period ending 26 Nov 2019 .
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

(71) Apple Inc. (21) 2019101448 (22) 25.11.2019 (54) Mobile zoom using multiple optical image stabilization cameras (62) 2019100876	(71) Jibbon Australia (21) 2019101455 (22) 26.11.2019 (54) Scratchless Key Organiser (31) 2018904344 (32) 15.11.18 (33) AU	(54) Use of Lactobacillus brevis ProGA28 and its metabolites in the treatment or improvement of sleep disorders
(71) ATF Services Pty Ltd (21) 2019101465 (22) 27.11.2019 (54) Surveillance equipment mounting apparatus	(71) Marinic, M. (21) 2019101445 (22) 23.11.2019 (54) Dodgeball Spin - An improved sport of one-ball point-system dodgeball and method of playing that introduces side outfield players, shifting positions (rotation) of players after every point and "adults can't hit" rule which all ensures smooth flow of the game and option of adults and children playing in the same team	(71) SYNGEN BIOTECH CO., LTD. (21) 2019101450 (22) 25.11.2019 (54) Cordyceps sinensis strain CS-100 and use thereof in treating or preventing abnormal QN1 protein related diseases and in promoting nerve cell growth
(71) China Institute of Water Resources and Hydropower Research (21) 2019101438 (22) 22.11.2019 (54) STRESS AND DEFORMATION ADJUSTABLE INNER ANCHOR HEAD OF UNBONDED PRESTRESSED ANCHOR CABLE (31) 201910072229.9 (32) 25.01.19 (33) CN	(71) Oxti Corporation (21) 2019101443 (22) 22.11.2019 (54) COMBINED STRUCTURE OF BELT-BODY AND BAG-BODY	(71) Tomorrowlabs GmbH (21) 2019101441 (22) 22.11.2019 (54) New topical formulation for use in alopecia
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(71) Dunn, B. (21) 2019101440 (22) 22.11.2019 (54) Mobile phone inhibition (31) 2019900271 (32) 30.01.19 (33) AU	(71) Pacific Blue VIC Pty Ltd (21) 2019101451 (22) 25.11.2019 (54) CONTROL SYSTEM (31) 2019901967 (32) 06.06.19 (33) AU	
(71) Harrison, D. (21) 2019101437 (22) 21.11.2019 (54) Dc Inverted Airconditioning compressor tester	(71) Pritchard, C. (21) 2019101447 (22) 24.11.2019 (54) Foam panel vertical tie down technique	
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(71) JIANG, Y. (21) 2019101452 (22) 26.11.2019 (54) UTILIZATION METHOD OF RED MUD	(71) Southwest University (21) 2019101446 (22) 23.11.2019 (54) A fast distributed strategy for large-scale machine learning	
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Applications Lapsed, Refused Or Withdrawn, Patents Ceased or Expired

Reference to the application numbers must include the year of the application of the patent, which is shown preceding the numbers.
The codes next to each number have the following meanings:

Code Meaning

- 1 Application Lapsed Section 142(2)(a)
- 3 Application Lapsed Section 142(2)(c)
- 4 Application Lapsed Section 142(2)(d)
- 5 Application Lapsed Section 142(2)(e)
- 6 Application Lapsed Section 142(2)(f)/Reg. 13.5A(2)/Reg. 8.3(3)
- 7 Application Lapsed Reg. 3.2A(3)/Reg. 3.2C
- 8 Application Lapsed Reg. 3.4(6)
- 9 Application Lapsed Section 142(3)
- 11 Application Lapsed Section 148(1)(c)
- 12 Application Withdrawn Section 141(1)
- 13 Application Withdrawn Section 141(2)/Reg 13.1C\Section 141(3)/See Reg 8.3(2)
- 14 Patent Ceased Section 143(a), or Expired
- 15 Patent Ceased Section 143(b)
- 16 Application Refused
- 17 Application Lapsed Reg. 22.2B(2)
- 18 Application Lapsed Reg. 3.2B(3),(5) or (6)
- 20 Patent Ceased Section 143A(b)/Reg. 22.2D(2) or (4)
- 21 Patent Ceased Section 101C(b)/Section 143A(c)/Reg. 9A.4
- 22 Patent Ceased Section 143A(d), or Expired
- 23 Patent Ceased Section 143A(e)
- 24 Application Lapsed Reg. 22.2E(2)
- 25 Application Lapsed Reg. 22.2I(2)
- 26 Application Lapsed Reg. 3.5AC(11)
- 27 Application Lapsed Reg. 3.5AF(2F)
- 28 Application Lapsed Reg. 22.15A(3)

- A Applications on which examination has not been requested or directed
- B Applications on which a direction to request examination has been given
- C Applications on which examination has been requested or on which an examination report has been issued
- D Applications which have been accepted or advertised accepted
- E Patents on which an examination has not been requested
- F Patents on which an examination has been requested or report issued
- G Patents Certified

- N Applications not Open to Public Inspection

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 2019264663 (12AN) 2019904451 (12AN)

Assignments before Grant, Section 113

2011

2011901887 Couplemate Trailer Parts Pty Ltd The application has been assigned to **Couplemate Investments Pty Ltd**

2012

2012202901 Couplemate Trailer Parts Pty Ltd The application has been assigned to **Couplemate Investments Pty Ltd**

2012202902 Couplemate Trailer Parts Pty Ltd The application has been assigned to **Couplemate Investments Pty Ltd**

2014

2014271230 The University of Sydney The application has been assigned to **Q-CTRL Pty Ltd**

2015

2015201790 K4 Integration Inc. The application has been assigned to **TopVu Ltd.**

2015352685 Nanobiotix The application has been assigned to **CURADIGM SAS**

2015364640 BioElectron Technology Corporation The application has been assigned to **PTC Therapeutics, Inc.**

2016

2016369616 BioElectron Technology Corporation The application has been assigned to **PTC Therapeutics, Inc.**

2017

2017258951 Clara Diamond Solutions Corp The application has been assigned to **Clara Diamond Solutions Limited Partnership**

2017312811 Insys Development Company, Inc. The application has been assigned to **Hikma Pharmaceuticals USA Inc.**

2017339467 Zimmer, Inc. The application has been assigned to **Zimmer US, Inc.**

2017355505 Zimmer, Inc. The application has been assigned to **Zimmer US, Inc.**

2017371395 Sydney Local Health District; The University of Sydney The application has been assigned to **Baymatob Pty Ltd**

2018

2018200876 EpiTherapeutics ApS The application has been assigned to **Gilead Sciences, Inc.**

2018201083 Global Renewable Solutions Pty Ltd The application has been assigned to **Envirotek Pte Ltd**

2018241162 FDNA Inc.; FDNA (UK) Limited The application has been assigned to **FDNA Inc.**

2018256816 Deltoid, LLC The application has been assigned to **United Orthopedic Corporation**

Assignments before Grant, Section 113

2018258067 Papp, Arnold; CueBack Technology, Inc.; Papp, Daniel The application has been assigned to **CueBack Technology, Inc.**

2018273738 Rodrigues, Julio; IPS Corporation The application has been assigned to **IPS Corporation**

2018293774 SICPA HOLDING SA; Ruiz Quevedo, Andrés The application has been assigned to **SICPA HOLDING SA**

2019

2019232834 K4 Integration Inc. The application has been assigned to **TopVu Ltd.**

2019236703 EnVivo Pharmaceuticals, Inc. The application has been assigned to **Axovant Sciences GmbH**

2019902851 Iannella, Peter The application has been assigned to **Commercialisation Express Pty Ltd**

Extensions of Time, Section 223

Applications Received

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

2007

2007346883 **Fundacao De Ensino De Engenharia De Engenharia De Santa Catarina - FEESC; Carbonobrasil Tecnologia E Servicos Ambientais Ltda** An application to extend the time from 15 May 2019 to 15 Dec 2019 in which to pay a renewal fee has been filed . Address for service - AJ Pietras IP Limited Level 1, 29 Kings Crescent Lower Hutt Wellington 5010 NZ

2010

2010230846 **Cozitots Australia Pty Ltd** An application to extend the time from 31 Mar 2019 to 31 Oct 2019 in which to pay a renewal fee has been filed . Address for service - The Trustee for Cozitots Australia Trust PO BOX 230 Park Orchards VIC 3114 AU

2012

2012389957 **Caboni, M.** An application to extend the time from 28 Jul 2019 to 28 Apr 2019 in which to gain acceptance has been filed . Address for service - Michele Caboni Ashutosh Choudhary C/O KAnalysis Level 54 111 Eagle Street Brisbane QLD 6000 AU

2013

2013263803 **NOWWWW.US PTY LIMITED** An application to extend the time from 06 Sep 2019 to 06 Apr 2020 in which to gain acceptance has been filed . Address for service - Lance Arthur Roman-Miller PO Box R813 Royal Exchange NSW 1225 AU

2015

2015237788 **Piramal Enterprises Limited** An application to extend the time from 19 Feb 2018 to 19 Sep 2019 in which to request examination has been filed . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 Collins Street West VIC 8007 AU

Extensions of Time, Section 223

2017

2017345609 **General Electric Company** An application to extend the time from 21 May 2019 to 21 Oct 2019 in which to enter the National Phase has been filed . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 Collins Street West VIC 8007 AU

2017390111 **General Electric Company** An application to extend the time from 21 May 2019 to 21 Oct 2019 in which to enter the National Phase has been filed . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 Collins Street West VIC 8007 AU

2018

2018202164 **Monsanto Technology LLC** An application to extend the time from 11 Mar 2019 to 11 Oct 2019 in which to pay a continuation fee has been filed . Address for service - Pizzey's Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 BRISBANE QLD 4001 AU

Applications Allowed - Section 223(2)

2005

2005210467 **Shell Internationale Research Maatschappij B.V.** The time in which to pay a renewal fee has been extended to 27 Aug 2019 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2012

2012320151 **Omer, D.** The time in which to pay a renewal fee has been extended to 04 Sep 2019 . Address for service - Pizzey's Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2014

2014414118 **Essity Hygiene and Health Aktiebolag** The time in which to pay a renewal fee has been extended to 19 Jul 2019 . Address for service - Watermark Intellectual Property Pty Ltd Level 1 109 Burwood Road Hawthorn VIC 3122 AU

2016

2016222398 **Shiseido Company, Ltd.** The time in which to pay a renewal fee has been extended to 27 Aug 2019 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2016357633 **Avadhuta, P.R.** The time in which to pay the acceptance fee has been extended to 13 Jun 2019 . Address for service - Pruthvi Raj Avadhuta c/o Nagendra Varma Uddaraju, 509A, 3 Broughton Street, Parramatta NSW 2150 AU

2017

2017313455 **University Of Technology Sydney** The time in which to enter the National Phase has been extended to 18 Jul 2019 . Address for service - Davies Collison Cave Pty Ltd Level 14 255 Elizabeth St Sydney NSW 2000 AU

2018

2018200391 **RES USA, LLP** The time in which to pay a continuation fee has been extended to 11 Sep 2019 . Address for service - Dark IP PO BOX 2416 Fortitude Valley BC QLD 4006 AU

Extensions of Time, Section 223

2019

2019101255 **SIGNPOWER (AUST) PTY. LTD.** The time in which to associate with a complete application has been extended to 25 Oct 2019 . Address for service - SIGNPOWER (AUST) PTY. LTD. 39 Westgate Street Queensland Wacol QLD 4076 AU

2019229452 **Drill-Bourn Pty Ltd** The time in which to associate with a complete application has been extended to 06 Oct 2019 . Address for service - IP& Pty Ltd PO Box 6061 PYMBLE NSW 2073 AU

2019257371 **Covidien LP** The time in which to make a further application for a divisional patent has been extended to 25 Nov 2019 . Address for service - Spruson & Ferguson Level 24, Tower 2 Darling Park, 201 Sussex Street Sydney NSW 2000 AU

Amendments

Applications for Amendment

A person interested in opposing the allowance of amendments under Section 104 may at any time within two months from the date of this journal give notice at the Patent Office using the approved form accompanied by the prescribed fee.

A person who wishes to be heard in relation to a proposed Rectification of the Register must file a request to be heard within two months from the date of this journal.

2001

2001283377 Enhanced homologous recombination mediated by lambda recombination proteins **The Government of the United States of America as represented by the Secretary of the Department of Health and Human Services** The nature of the amendment is: Amend the name of the inventor to read Court, Donald L.; Yu, Daiguan; Lee, E-Chiang; Ellis, Hilary M.; Jenkins, Nancy A.; Copeland, Neal G.; Swaminathan, Srividya AND Sharan, Shyam K. . Address for service - Griffith Hack GPO Box 1285 MELBOURNE VIC 3001 AU

2005

2005218018 Feed trough for livestock **Trail, M.** The nature of the amendment is as shown in the statement(s) filed 19 Sep 2019 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2008

2008215159 Container base and lid with planar area for flat application of adhesive membrane **Tabone, M.** The nature of the amendment is as shown in the statement(s) filed 22 Nov 2019 . Address for service - Maurice Joseph Paul Tabone 33 Stockton Avenue Moorebank NSW 2170 AU

2010

2010286347 Liquid reservoir connection system **Aranoc Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 13 Sep 2019 . Address for service - Pini IP 100 Webb St Fitzroy VIC 3065 AU

2012

2012200512 Crystalline forms of (6R) -L-erythro-tetrahydrobiopterin dihydrochloride **Merck & Cie** The nature of the amendment is as shown in the statement(s) filed 07 Jun 2019 . Address for service - Dav-

Amendments

ies Collision Cave Pty Ltd Level 14 255 Elizabeth St Sydney NSW 2000 AU

2014

2014377369 Method and system for virtual asset assisted extrusion and intrusion detection in a cloud computing environment **Intuit Inc.** The nature of the amendment is as shown in the statement(s) filed 25 Nov 2019 . Address for service - Davies Collision Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2015

2015201690 User authentication **Barclays Services Limited** The nature of the amendment is as shown in the statement(s) filed 28 Nov 2019 . Address for service - Davies Collision Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2015208353 Redundancy switching of detection points **Thales Management & Services Deutschland GmbH** The nature of the amendment is as shown in the statement(s) filed 04 Nov 2019 . Address for service - Davies Collision Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2015259011 Systems, devices, and methods for automated sample thawing **BioLife Solutions, Inc.** The nature of the amendment is as shown in the statement(s) filed 24 Nov 2019 . Address for service - Pizzey's Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 BRISBANE QLD 4001 AU

2015348957 Spray-drying apparatus and method of use **Omrrix Biopharmaceuticals Ltd.** The nature of the amendment is as shown in the statement(s) filed 19 Nov 2019 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2016

2016227621 System for the presentation of peptides on the cell surface **Peter und Traudl Engelhorn-Stiftung zur Förderung der Lebenswissenschaften** The nature of the amendment is as shown in the statement(s) filed 25 Nov 2019 . Address for service - FPA Patent Attorneys Pty Ltd Level 43 101 Collins Street Melbourne VIC 3000 AU

2018

2018201754 A process for purification of a synthesis gas containing hydrogen and impurities **Casale SA** The nature of the amendment is: Amend the name of the inventor to read Filippi, Ermanno; Ostuni, Raffaele and Marzari Chiesa, Damiano . Address for service - Acumen Intellectual Property PO Box 140 Berridale NSW 2628 AU

2018202115 Automatic injection devices having overmolded gripping surfaces **AbbVie Biotechnology Ltd** The nature of the amendment is as shown in the statement(s) filed 01 Nov 2019 . Address for service - Spruson & Ferguson GPO BOX 3898 Sydney NSW 2001 AU

2018202180 Master battery, slave battery, and battery kit **TTI (MACAO COMMERCIAL OFFSHORE) LIMITED** The nature of the amendment is: Amend the priority details to read 201720333448.4 31 Mar 2017 CN . Address for service - Griffith Hack Level 29 Northpoint 100 Miller Street Sydney NSW 2060 AU

2018251811 Swimming pool cleaner and associated components **Hayward Industries, Inc.** The nature of the amendment is: Amend the name of the inventor to read HAYES, Graham M.; TEUSCHER, Scott; MARCIANO, Edward Lawrence; FLOYD, Greg and FERRELL,

Amendments

Garrett Jacob . Address for service - Davies Collision Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2019

2019200755 Oral care compositions **Colgate-Palmolive Company** The nature of the amendment is as shown in the statement(s) filed 19 Nov 2019 . Address for service - Shelston IP Pty Ltd. Level 9 60 Margaret Street Sydney NSW 2000 AU

Amendments Made

2011

2011320140 **Kindex Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement filed 19 Aug 2019

2013

2013278994 **The Chinese University of Hong Kong** The nature of the amendment is as shown in the statement filed 02 Sep 2019

2014

2014227449 **Moana Group Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2014101658

2015

2015213468 **Ellumination Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2015101977

2015216219 **Sumitomo Electric Industries, Ltd.** The nature of the amendment is as shown in the statement filed 12 Aug 2019

2015320051 **Ancor Flexibles Singen GmbH** The nature of the amendment is as shown in the statement filed 02 Sep 2019

2015364631 **Nevada Neurosurgery** The nature of the amendment is as shown in the statement filed 06 Sep 2019

2015416122 **TTI (Macao Commercial Offshore) Limited** The nature of the amendment is as shown in the statement filed 12 Nov 2019

2016

2016202038 **Sato Holdings Corporation** The nature of the amendment is as shown in the statement filed 06 Aug 2019

2016211165 **Sutro Biopharma, Inc.** The nature of the amendment is as shown in the statement filed 12 Nov 2019

2016277541 **HBG IP Holding Pty Ltd** The nature of the amendment is as shown in the statement filed 26 Aug 2019

2016382561 **Qingdao Kingagroot Chemical Compounds Co., Ltd** The nature of the amendment is as shown in the statement filed 30 Aug 2019

2016383826 **Mitsubishi Electric Corporation** The nature of the amendment is as shown in the statement filed 18 Jul 2019

Amendments

2016394342 **TTI (Macao Commercial Offshore) Limited** The nature of the amendment is as shown in the statement filed 14 Nov 2019

2016395338 **BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD.** The nature of the amendment is: Application is to proceed under the number 2016102431

2016419441 **UlikeKorea Co., Inc** The nature of the amendment is: Application is to proceed under the number 2016102432

2017

2017204601 **Corning Optical Communications LLC** The nature of the amendment is: Amend the name of the inventor to read Cooke, Terry L.; Dagley, Mark R.; Dean Jr., David L.; Klavuhn, Tory A.; Garcia Martinez, Juan; Rodriguez, Diana; Beltran Salinas, Octavio; Lopez Sanchez, Manuel A. and Strause, Kevin L.

2017228516 **Republic Tobacco L.P.** The nature of the amendment is as shown in the statement filed 06 Sep 2019

2017234645 **Weir Slurry Group, Inc.** The nature of the amendment is: Amend the name of the inventor to read Kosmicki, Randy J.; Wirth, Aaron and Russell, Allen David

2017301901 **Ohio State Innovation Foundation** The nature of the amendment is: Amend the invention title to read EXPRESSION OF PTEN-LONG WITH ONCOLYTIC VIRUSES

2017301901 **Ohio State Innovation Foundation** The nature of the amendment is: Amend the name of the inventor to read Kaur, Balveen and Russell, Luke

2017333740 **Umeta Hermann Ulrichskötter Metallwarenfabrik GmbH & Co. KG.** The nature of the amendment is: Amend the name of the inventor to read Maser, Frank and Salomon, Thomas

2017413263 **Cyber Surgery, S.L.** The nature of the amendment is: Amend the name of the inventor to read Oñativia Bravo, Jon; Presa Alonso, Jorge; Escudero Martínez De Ibarreta, Álvaro; Urzainqui Glaria, Alfonso and Bertelsen Simonetti, Álvaro

2018

2018201589 **NCH Corporation** The nature of the amendment is as shown in the statement filed 30 Aug 2019

2018223349 **Novartis AG; Bristol-Myers Squibb** The nature of the amendment is: Amend the name of the inventor to read SCOTT, Jeffrey

2018234135 **Sharp Kabushiki Kaisha; FG Innovation Company Limited** The nature of the amendment is: Amend the invention title to read Terminal apparatus, core network apparatus, and communication control method

2018245470 **JFE Steel Corporation** The nature of the amendment is: Amend the invention title to read Steel Sheet, Method of Manufacturing Same, Crown Cap, and Drawing and Redrawing (DRD) Can

2018249127 **Natori, S.; Kushima, M.** The nature of the amendment is: Amend the name of the inventor to read Natori, Shunji

Amendments

2018259984 **Tanaka, Y.** The nature of the amendment is: Amend the invention title to read Confirming method of membership

2018261974 **ZTE Corporation** The nature of the amendment is: Amend the invention title to read Method and Apparatus for Sequence Determination, Device and Storage Medium

2018264879 **IEX Group, Inc.** The nature of the amendment is: Amend the invention title to read Systems and methods for implementing a meta-queue for transactions

2018265400 **General Cable Technologies Corporation** The nature of the amendment is: Amend the name of the inventor to read Temple, William Shawn; Ranganathan, Sathish Kumar; Baker, Gordon Carl; Siripurapu, Srinivas; Joseph, Emmanuel Richards Stephen; Sangalge, Rajesh; Poovalingam, Sundaresan and Geddam, Veera Venkata Ravi Kumar

2018267703 **Vale S.A.** The nature of the amendment is: Amend the invention title to read MINERAL BENEFICIATION METHOD USING BIOREAGENT EXTRACTED FROM GRAM POSITIVE BACTERIA

2018271457 **Nippon Steel Corporation; Vallourec Oil and Gas France** The nature of the amendment is: Amend the invention title to read Threaded connection for pipes or tubes and method for producing the threaded connection for pipes or tubes

2018272381 **Constantia Teich GmbH** The nature of the amendment is: Amend the name of the inventor to read PLANER, Franz and PILON, Baptiste

2018274704 **The Binding Site Group Limited** The nature of the amendment is: Amend the name of the inventor to read Wallis, Gregg; Harding, Stephen and Hughes, Richard Geir

2018274826 **TOCALO Co., Ltd.; Daido Steel Co., Ltd.; Daido Castings Co., Ltd.** The nature of the amendment is: Amend the invention title to read Component for hot-dip metal plating bath

2018276600 **Daikin Industries, Ltd.** The nature of the amendment is: Amend the invention title to read Power Source Quality Management System and Air Conditioner

2018279589 **Joint Stock Company "LIMACO"** The nature of the amendment is: Amend the invention title to read Radar Level Gauge for Measuring the Volume of Bulk Products in Tanks

2018282859 **Nippon Soda Co., Ltd.** The nature of the amendment is: Amend the invention title to read Oxadiazoline compound and formulation for controlling harmful organisms

2018284449 **NEC Corporation** The nature of the amendment is: Amend the invention title to read RADIO ACCESS NETWORK NODE, RADIO TERMINAL, AND METHODS THEREFOR

2018302343 **Trianni, Inc.** The nature of the amendment is: Amend the invention title to read SINGLE CHAIN VH AND HEAVY CHAIN ANTIBODIES

Amendments**2019**

2019101275 **QIAN, S.** The nature of the amendment is: Amend the priority details to read 201910774227.4 21 Aug 2019 CN

2019268102 **Carlsberg A/S** The nature of the amendment is: Amend the invention title to read Method of identifying a sub-pool comprising a mutant organism

2019268103 **Carlsberg A/S** The nature of the amendment is: Amend the invention title to read Method of identifying a mutant plant

2019904227 **Aegis 1 holdings pty ltd** The nature of the amendment is: Application is to proceed under the number 2019271984

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

2011284736 **DENIS CIMAF, INC.** The name of the patentee has been altered to **Denis Cimag Inc.**

2014

2014200992 **Sable Sand Solutions Inc.** The name of the patentee has been altered to **WAYFINDER SAND SOLUTIONS LTD.**

2015

2015304087 **Statoil Petroleum AS** The name of the applicant has been altered to **Equinor Energy AS**

2015328779 **N & U AS** The name of the applicant has been altered to **NUAS TECHNOLOGY AS**

2016

2016286205 **Galenica S.A.; Energiobio Technologies S.A.** The name of the applicant has been altered to **Galenica S.A.; Energonbio Technologies S.A.**

2017

2017417126 **Ecole Polytechnique Federale de Lausanne (EPFL)** The name of the applicant has been altered to **ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (EPFL)**

2018

2018204598 **Aristocrat Technologies Australia Pty Limited** The name of the applicant has been altered to **Video Gaming Technologies, Inc.**

2018248483 **Toho Tenax Europe GmbH; Toho Tenax Co. Ltd.** The name of the applicant has been altered to **Teijin Carbon Europe GmbH; Teijin Limited**

2018249127 **Natori, Syunji; Kushima, Mitsutaka** The name of the applicant has been altered to **Natori, S.; Kushima, M.**

2018256445 **Mizuho Osi** The name of the applicant has been altered to **Mizuho Orthopedic Systems, Inc.**

2018263399 **Effect Parking Limited (Hong Kong)** The name of the applicant has been altered to **Effect Parking Limited**

Amendments**2019**

2019901329 **The University of Queensland** The name of the applicant has been altered to **Monash University; Hyundai Engineering & Construction Co., Ltd.; The University of Queensland**

2019902528 **The University of Sydney** The name of the applicant has been altered to **The University of Sydney**

Applications Open to Public Inspection

Name Index

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

(71) Abbott Diabetes Care Inc.
 (11) AU-A-2019268205
 (21) 2019268205 (22) 22.11.2019
 (54) Analysis of glucose median, variability, and hypoglycemia risk for therapy guidance
 (51) Int. Cl.
G16H 50/30 (2018.01)
 (43) 12.12.2019
 (62) 2013369674
 (72) DUNN, Timothy C.; DONIGER, Kenneth J.; BERMAN, Glenn; HAYTLER, Gary A.; BUDIMAN, Erwin S.; BERNSTEIN, Daniel M.; CROUTHER, Nathan
 (74) Spruson & Ferguson

(71) Ab Initio Technology LLC
 (11) AU-A-2019268140
 (21) 2019268140 (22) 21.11.2019
 (54) COMPILATION OF GRAPH-BASED PROGRAM SPECIFICATIONS WITH AUTOMATED CLUSTERING OF GRAPH COMPONENTS BASED ON THE IDENTIFICATION OF PARTICULAR DATA PORT CONNECTIONS
 (51) Int. Cl.
G06F 9/44 (2006.01)
G06F 9/50 (2006.01)
 (43) 12.12.2019
 (62) 2015312005
 (72) Stanfill, Craig W.; Shapiro, Richard; Kukolich, Stephen A.
 (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

(71) ABLE DEFENCE LAWYERS PTY LIMITED
 (11) AU-A-2018203635
 (21) 2018203635 (22) 23.05.2018
 (54) Law Quote 2GO comes under the 2GO franchise, it is a website designed to allow for a simplified internet process for people to obtain legal quotes for a range of fixed and non-fixed fee legal services from law firms.
 (51) Int. Cl.
G06Q 90/00 (2006.01)
G06Q 50/18 (2012.01)
 (43) 12.12.2019
 (72) Robinson, Julie; Wood, Annette
 (74) ABLE DEFENCE LAWYERS PTY LIMITED

(71) Accenture Global Solutions Limited
 (11) AU-A-2019203200
 (21) 2019203200 (22) 07.05.2019
 (54) DETECTING A POSSIBLE UNDERLYING PROBLEM AMONG COMPUTING DEVICES

(51) Int. Cl.
G06Q 50/00 (2012.01)
G06F 15/00 (2006.01)
 (31) 15/988,904 (32) 24.05.18 (33) US
 (43) 12.12.2019
 (72) KRISHNAN, Mythili; NAIR, Vinita V.; ACCA MATHEWS, Chriss; D T, Madhusudhan; BHOWMICK, Kunal
 (74) Murray Trento & Associates Pty Ltd

(71) Accenture Global Solutions Limited
 (11) AU-A-2019268138
 (21) 2019268138 (22) 21.11.2019
 (54) DETERMINING DIGITAL VALUE OF A DIGITAL TECHNOLOGY INITIATIVE
 (51) Int. Cl.
G06F 17/40 (2006.01)
 (43) 12.12.2019
 (62) 2018208739
 (72) ARORA, Shobit; CAMPAGNA, Christian; DELAWALLA, Aneel; WISE, Charles
 (74) Murray Trento & Associates Pty Ltd

(71) Adama Makhteshim Ltd.
 (11) AU-A-2019268135
 (21) 2019268135 (22) 21.11.2019
 (54) Artificial environment for efficient uptake of fertilizers and other agrochemicals in soil
 (51) Int. Cl.
A01G 24/40 (2018.01)
A01G 29/00 (2006.01)
A01N 25/26 (2006.01)
C05G 3/06 (2006.01)
 (43) 12.12.2019
 (62) 2018200770
 (72) SHANI, Uri; VITNER, Asher; BENMOSHE, Matti; SEGAL, Eran
 (74) FB Rice Pty Ltd

(71) Adobe Inc.
 (11) AU-A-2019201787
 (21) 2019201787 (22) 14.03.2019
 (54) COMPOSITING AWARE IMAGE SEARCH
 (51) Int. Cl.
G06T 1/40 (2006.01)
 (31) 15/986,401 (32) 22.05.18 (33) US
 (43) 12.12.2019
 (72) Shen, Xiaohui; Lin, Zhe; Sunkavalli, Kalyan Krishna; Zhao, Hengshuang; Price, Brian Lynn
 (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

(71) AdvanSix Resins & Chemicals LLC
 (11) AU-A-2019268198
 (21) 2019268198 (22) 22.11.2019

(54) Coating composition including alkyl oximes
 (51) Int. Cl.
C09D 167/00 (2006.01)
 (43) 12.12.2019
 (62) 2016252288
 (72) Asirvatham, Edward; Amerson, Edwin J.; Militch, Erika D.
 (74) Davies Collison Cave Pty Ltd

(71) Air Products and Chemicals, Inc.
 (11) AU-A-2019268173
 (21) 2019268173 (22) 22.11.2019
 (54) MULTIPLE PRESSURE MIXED REFRIGERANT COOLING PROCESS AND SYSTEM
 (51) Int. Cl.
F25J 1/02 (2006.01)
 (43) 12.12.2019
 (62) 2017236038
 (72) Krishnamurthy, Gowri; Roberts, Mark Julian
 (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Akzo Nobel Coatings International B.V.
 (11) AU-A-2019268110
 (21) 2019268110 (22) 20.11.2019
 (54) Process for matching paint
 (51) Int. Cl.
G06Q 10/10 (2012.01)
 (43) 12.12.2019
 (62) 2014224780
 (72) THOMAS, Tom; RAJACHANDRAN, Raviraj; RAVI, Jyotsna
 (74) Spruson & Ferguson

(71) Almirall, S.A.
 (11) AU-A-2019268075
 (21) 2019268075 (22) 19.11.2019
 (54) Pharmaceutical compositions comprising dimethyl fumarate
 (51) Int. Cl.
A61K 9/16 (2006.01)
A61K 9/28 (2006.01)
A61K 31/225 (2006.01)
 (43) 12.12.2019
 (62) 2014363792
 (72) Planells Jimenez, Maria; Duarte Lopez, Begona; Guiro Coll, Pere
 (74) AJ PARK

(71) Amazon Technologies, Inc.
 (11) AU-A-2019268151
 (21) 2019268151 (22) 21.11.2019
 (54) Management of computing sessions
 (51) Int. Cl.
G06F 9/455 (2006.01)

Applications Open to Public Inspection - Name Index cont'd

(43) 12.12.2019
 (62) 2017232147
 (72) SURYANARAYANAN, Deepak; BROWN, David Everard; FARRELL, Eugene Michael; LAKSHMANAN, Vivek; BRACE, Colin Harrison; TELLVIK, Erik Jonathon
 (74) FPA Patent Attorneys Pty Ltd

(71) Anthrogenesis Corporation
 (11) AU-A-2019268061
 (21) 2019268061 (22) 19.11.2019
 (54) PLACENTAL STEM CELL POPULATIONS
 (51) Int. Cl.
C12N 5/073 (2010.01)
C12N 5/074 (2010.01)
 (43) 12.12.2019
 (62) 2017248523
 (72) Faleck, Herbert; Edinger, James W.; Wang, Jia-Lun; Abramson, Sascha Dawn; Periera, Marian; Ye, Qian; Hariri, Robert J.; Labazzo, Kristen S.
 (74) Phillips Ormonde Fitzpatrick

(71) Apellis Pharmaceuticals, Inc.
 (11) AU-A-2019268066
 (21) 2019268066 (22) 19.11.2019
 (54) Methods of treating chronic disorders with complement inhibitors
 (51) Int. Cl.
A61K 38/10 (2006.01)
A61K 38/12 (2006.01)
A61K 39/395 (2006.01)
A61P 11/06 (2006.01)
A61P 27/00 (2006.01)
G01N 33/53 (2006.01)
 (43) 12.12.2019
 (62) 2017235936
 (72) Francois, Cedric; Deschatelets, Pascal
 (74) FB Rice Pty Ltd

(71) Apple Inc.
 (11) AU-A-2019268070
 (21) 2019268070 (22) 19.11.2019
 (54) Device, method, and graphical user interface for manipulating user interfaces based on unlock inputs
 (51) Int. Cl.
H04L 9/32 (2006.01)
 (43) 12.12.2019
 (62) 2018202712
 (72) HAN, Byron B.; SHEPHERD, Matthew E.; CHAUDHRI, Imran; CHRISTIE, Gregory; COFFMAN, Patrick L.; FEDERIGHI, Craig M.; GAMBLE, Matthew H.; HUGHES, Brittany D.; LANGOULANT, Brendan J.; MARCINIAK, Craig A.; PITSCHEL, Donald W.; SCHIMPF, Daniel O.; WHALLEY, Andrew R.; WHITNEY, Christopher R.; DASCOLA, Jonathan R.; YANG, Lawrence
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
 (11) AU-A-2019268111

(21) 2019268111 (22) 20.11.2019
 (54) Methods and interfaces for home media control
 (51) Int. Cl.
H04L 12/28 (2006.01)
G06F 3/0481 (2013.01)
G06F 3/0482 (2013.01)
G06F 3/16 (2006.01)
H04L 29/02 (2006.01)
 (43) 12.12.2019
 (62) 2018236870
 (72) COFFMAN, Patrick L.; AL-BUQUERQUE, Fernando; CAR-RIGAN, Taylor G.; CIELAK, Matthew J.; FAMILY, Afrooz; GRAHAM, David Chance; IRANI, Cyrus Daniel; VERWEIJ, Hugo; ANDERSON, Molly; HULBERT, Thomas S.; KERR, Duncan; MARI, Pedro; PIERCY, Aimee
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
 (11) AU-A-2019268116
 (21) 2019268116 (22) 20.11.2019
 (54) Device, method, and graphical user interface for providing tactile feedback for operations performed in a user interface
 (51) Int. Cl.
G06F 3/0488 (2013.01)
G06F 3/01 (2006.01)
 (43) 12.12.2019
 (62) 2018256626
 (72) BERNSTEIN, Jeffrey Traer; MISSIG, Julian; CIEPLINSKI, Avi E.; KHOE, May-Li; COSTANZO, Bianca C.; ROTH, Rachel A.; EVANS, Matthew; ROBERTS, Samuel M.
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
 (11) AU-A-2019268124
 (21) 2019268124 (22) 20.11.2019
 (54) Sensor assemblies for electronic devices
 (51) Int. Cl.
G06F 1/16 (2006.01)
G06F 3/01 (2006.01)
G06F 3/0354 (2013.01)
G06K 9/00 (2006.01)
H01L 41/113 (2006.01)
 (43) 12.12.2019
 (62) 2017321121
 (72) BROWNING, Lucy Elizabeth; POPE, Benjamin J.; LEUTHEUSER, Paul U.; MYERS, Scott A.; DINH, Richard Hung Minh; HUO, Edward S.
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
 (11) AU-A-2019268195
 (21) 2019268195 (22) 22.11.2019
 (54) Zero latency digital assistant
 (51) Int. Cl.
G06F 3/16 (2006.01)
G06F 3/06 (2006.01)
G06F 15/16 (2006.01)
G06F 17/00 (2006.01)
G06F 17/20 (2006.01)

(43) 12.12.2019
 (62) 2016320585
 (72) STASIOR, William F.; CARSON, David; DASARI, Rohit; KIM, Yoon
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
 (11) AU-A-2019271873
 (21) 2019271873 (22) 25.11.2019
 (54) User interfaces for retrieving contextually relevant media content
 (51) Int. Cl.
G06F 16/178 (2019.01)
 (43) 12.12.2019
 (62) 2017284958
 (72) MIURA, Britt S.; BOVET, Simon; BUTCHER, Gary Ian; CIRCLAES, Eric; DYE, Alan C.; GOBERA RUBALCAVA, Daniel E.; IRANI, Cyrus Daniel; LEMAY, Stephen O.; LANGOLANT, Brendan J.; LOPEZ, Paulo Michaelo; O'ROURKE, Ryan; PENHA, Henrique; TITI, Justin S.; WILSON, Christopher
 (74) FPA Patent Attorneys Pty Ltd

(71) ARC MEDICAL DEVICES, INC.
 (11) AU-A-2019268096
 (21) 2019268096 (22) 20.11.2019
 (54) PHARMACEUTICAL COMPOSITIONS COMPRISING MODIFIED FUCANS FOR USE IN THE TREATMENT OF FIBROUS ADHESIONS AND OTHER DISORDERS
 (51) Int. Cl.
A61K 31/737 (2006.01)
A61P 9/10 (2006.01)
A61P 41/00 (2006.01)
 (43) 12.12.2019
 (62) 2018203461
 (72) SPRINGATE, Christopher Michael Kevin
 (74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited
 (11) AU-A-2019268082
 (21) 2019268082 (22) 19.11.2019
 (54) A METHOD OF GAMING, A GAMING SYSTEM AND A GAME CONTROLLER
 (51) Int. Cl.
A63F 13/00 (2006.01)
A63F 9/24 (2006.01)
G07F 17/32 (2006.01)
 (43) 12.12.2019
 (62) 2018201845
 (72) VILLA, David; CHEN, Yonghong
 (74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited
 (11) AU-A-2019268090
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 (54) A GAMING SYSTEM
 (51) Int. Cl.
A63F 13/69 (2014.01)
A63F 13/50 (2014.01)

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 (54) METHOD AND SYSTEM FOR PROVIDING A FEATURE GAME
 (51) Int. Cl.
A63F 13/45 (2014.01)
 (43) 12.12.2019
 (62) 2017228566
 (72) BENNETT, Nicholas Luke
 (74) Griffith Hack

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 (54) GAMBLE GAME FOR GAMING MACHINE
 (51) Int. Cl.
A63F 13/50 (2014.01)
G07F 17/32 (2006.01)
 (43) 12.12.2019
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 (72) WALKER, Samuel James
 (74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited
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 (54) A METHOD OF GAMING, A GAMING SYSTEM AND A GAME CONTROLLER
 (51) Int. Cl.
A63F 13/45 (2014.01)
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 (74) Griffith Hack

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 (54) A METHOD OF GAMING, A GAMING SYSTEM AND A GAME CONTROLLER
 (51) Int. Cl.
A63F 13/50 (2014.01)
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 (72) JOUNG, Sek Hwan
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G07F 17/32 (2006.01)
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 (51) Int. Cl.
C07D 471/04 (2006.01)
A61K 31/4375 (2006.01)
A61P 21/00 (2006.01)
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A61K 31/55 (2006.01)
A61P 25/26 (2006.01)
C07D 487/04 (2006.01)
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 (74) FB Rice Pty Ltd

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A61M 5/32 (2006.01)
A61M 25/06 (2006.01)
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 (54) Soft push tabs for catheter adapter
 (51) Int. Cl.
A61M 25/00 (2006.01)
A61M 25/06 (2006.01)
A61M 25/02 (2006.01)

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H04L 29/08 (2006.01)
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G06Q 50/10 (2012.01)
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H04L 12/953 (2013.01)
G06F 17/40 (2006.01)
H04W 84/18 (2009.01)
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G06Q 40/00 (2006.01)
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A61K 31/713 (2006.01)
A61K 48/00 (2006.01)
A61P 25/28 (2006.01)
C07H 21/02 (2006.01)
C07H 21/04 (2006.01)
C12N 15/11 (2006.01)
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C12Q 1/68 (2006.01)
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(21) 2019203518 **(22)** 20.05.2019
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(51) Int. Cl.
A61F 2/12 (2006.01)
B29C 45/00 (2006.01)
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(43) 12.12.2019
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A61B 5/0402 (2006.01)
A61N 1/362 (2006.01)
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(54) Catheter with capacitive force sensor
(51) Int. Cl.
A61B 18/14 (2006.01)
A61M 25/10 (2013.01)
(31) 15/986,730 **(32)** 22.05.18 **(33)** US
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(72) SHETH, Piyush
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(51) Int. Cl.
A61B 18/00 (2006.01)
G05B 13/02 (2006.01)
(31) 15/987,160 **(32)** 23.05.18 **(33)** US
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(11) AU-A-2019203539
(21) 2019203539 **(22)** 20.05.2019
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A61B 34/20 (2016.01)
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62/675,952 24.05.18 US
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(51) Int. Cl.
A61B 18/12 (2006.01)
A61B 18/08 (2006.01)
A61B 18/14 (2006.01)
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(54) Trailer coupling device for motor vehicles
(51) Int. Cl.
B60D 1/06 (2006.01)
B60D 1/01 (2006.01)
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(74) Griffith Hack

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(54) Tissue extraction devices and methods
(51) Int. Cl.
A61B 18/12 (2006.01)
A61B 17/34 (2006.01)
A61B 17/42 (2006.01)
A61M 3/04 (2006.01)
A61M 31/00 (2006.01)

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(21) 2019268126 **(22)** 20.11.2019
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G03G 21/18 (2006.01)
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(11) AU-A-2019268102
(21) 2019268102 **(22)** 20.11.2019
(54) Method to screen for a mutant within a population of organisms by applying a pooling and splitting approach
(51) Int. Cl.
C12N 15/01 (2006.01)
C12N 15/10 (2006.01)
C12N 15/85 (2006.01)
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(74) FB Rice Pty Ltd

(71) Carlsberg A/S
(11) AU-A-2019268103
(21) 2019268103 **(22)** 20.11.2019
(54) Method to screen for a mutant within a population of organisms by applying a pooling and splitting approach
(51) Int. Cl.
C12N 15/01 (2006.01)
C12N 15/10 (2006.01)
C12N 15/85 (2006.01)
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(74) FB Rice Pty Ltd

(71) CATERPILLAR INC.
(11) AU-A-2019203358
(21) 2019203358 **(22)** 14.05.2019
(54) ACCELERATION BASED HIGH IDLE
(51) Int. Cl.
E02F 3/16 (2006.01)
B60W 10/06 (2006.01)

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(74) FPA Patent Attorneys Pty Ltd

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(54) AUTOMATIC DIG ASSISTANCE SYSTEM FOR A MACHINE
(51) Int. Cl.
E02F 3/43 (2006.01)
E02F 9/20 (2006.01)

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(21) 2019268160

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(21) 2019268094 **(22)** 20.11.2019
(54) SYSTEM FOR PROVIDING BETS REGARDING INTERMEDIATE POINTS IN A RACE EVENT USING FRACTIONAL TIMING
(51) Int. Cl.
A63F 9/24 (2006.01)
(43) 12.12.2019
(62) 2017248475
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(54) MULTI-PROCESS COMMUNICATION REGARDING GAMING INFORMATION
(51) Int. Cl.
A63F 9/24 (2006.01)
G06F 15/16 (2006.01)
(43) 12.12.2019
(62) 2017258830
(72) Amaitis, Lee; Tara, Sunny; Williams, Paul; Gopinatha, Anoop; Morrissette, Matthew
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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(21) 2019271959 **(22)** 27.11.2019
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(51) Int. Cl.
A63F 9/24 (2006.01)
G06F 17/00 (2006.01)
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(51) Int. Cl.
A47J 27/00 (2006.01)
(43) 12.12.2019
(62) 2015202129
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(74) Anderson IP

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B65H 57/14 (2006.01)
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(54) Acoustic illumination for flow-monitoring
(51) Int. Cl.
G01N 29/024 (2006.01)
E21B 47/14 (2006.01)
E21B 49/00 (2006.01)
G01N 29/46 (2006.01)
G01P 5/24 (2006.01)
G01V 1/44 (2006.01)
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(74) Davies Collison Cave Pty Ltd

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(71) Cook Medical Technologies LLC
(11) AU-A-2019268170
(21) 2019268170 **(22)** 22.11.2019

(54) DEFLECTING ENDOSCOPE ACCESSORY CHANNELS
(51) Int. Cl.
A61B 1/00 (2006.01)
A61B 1/012 (2006.01)
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(74) Phillips Ormonde Fitzpatrick

(71) CoreLogic Solutions, LLC
(11) AU-A-2019268100
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(54) BUILDING FOOTPRINT EXTRACTION APPARATUS, METHOD AND COMPUTER PROGRAM PRODUCT
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G01C 21/32 (2006.01)
G06T 7/00 (2006.01)
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(51) Int. Cl.
B66F 9/18 (2006.01)
(31) 15/988,267 **(32)** 24.05.18 **(33)** US
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(74) Griffith Hack

(71) Cytokinetics, Inc
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(54) Improving resistance to skeletal muscle fatigue
(51) Int. Cl.
A61K 31/4985 (2006.01)
C12N 5/00 (2006.01)
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(74) Davies Collison Cave Pty Ltd

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(54) System for monitoring and influencing objects of interest and processes carried out by the objects, and corresponding method
(51) Int. Cl.
G06Q 10/06 (2012.01)

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 (74) Griffith Hack

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 (21) 2019202763 (22) 18.04.2019
 (54) Plugged spray nozzle detection using radio-frequency transmissions

(51) Int. Cl.
A01M 7/00 (2006.01)
B05B 1/30 (2006.01)
B05B 17/00 (2006.01)
G05D 7/00 (2006.01)
 (31) 15/988,186 (32) 24.05.18 (33) US
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 (74) Davies Collison Cave Pty Ltd

(71) Deere & Company
 (11) AU-A-2019202766
 (21) 2019202766 (22) 18.04.2019
 (54) Implement weight transfer monitoring and wing control

(51) Int. Cl.
A01B 51/04 (2006.01)
A01B 76/00 (2006.01)
 (31) 15/987,017 (32) 23.05.18 (33) US
 (43) 12.12.2019
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(71) Deere & Company
 (11) AU-A-2019202768
 (21) 2019202768 (22) 18.04.2019
 (54) Apparatus and method for performing tasks on a pattern planted field

(51) Int. Cl.
A01C 21/00 (2006.01)
 (31) 15/990,477 (32) 25.05.18 (33) US
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 (74) Davies Collison Cave Pty Ltd

(71) Deere & Company
 (11) AU-A-2019202769
 (21) 2019202769 (22) 18.04.2019
 (54) Plugged spray nozzle detection using electromagnetic radiation

(51) Int. Cl.
A01M 7/00 (2006.01)
A01B 23/00 (2006.01)
B05B 15/50 (2018.01)
 (31) 15/988,186 (32) 24.05.18 (33) US
 16/210,209 05.12.18 US
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 (74) Davies Collison Cave Pty Ltd

(71) Deere & Company
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(54) Plugged sprayer/spreader detection using electromagnetic radiation

(51) Int. Cl.
A01C 23/04 (2006.01)
 (31) 16/401,628 (32) 02.05.19 (33) US
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 (74) Davies Collison Cave Pty Ltd

(71) DEKA Products Limited Partnership
 (11) AU-A-2019268166
 (21) 2019268166 (22) 22.11.2019
 (54) PUMPING CASSETTE

(51) Int. Cl.
A61M 1/10 (2006.01)
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 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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 (21) 2019203647 (22) 24.05.2019
 (54) Aneurysm device and delivery system

(51) Int. Cl.
A61F 2/06 (2013.01)
A61B 17/12 (2006.01)
A61M 29/00 (2006.01)
 (31) 15/989,725 (32) 25.05.18 (33) US
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 (54) Adaptive interface for continuous monitoring devices

(51) Int. Cl.
A61B 5/00 (2006.01)
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 (74) FB Rice Pty Ltd

(71) Dometic Sweden AB
 (11) AU-A-2019203640
 (21) 2019203640 (22) 24.05.2019
 (54) Awning assembly

(51) Int. Cl.
B60J 11/02 (2006.01)
E04F 10/06 (2006.01)
E04H 15/08 (2006.01)
E04H 15/58 (2006.01)
 (31) 102018208370.3 (32) 28.05.18 (33) DE
 (43) 12.12.2019
 (72) Bekaert, Miguel
 (74) Shelston IP Pty Ltd.

(71) Dynamics Inc.
 (11) AU-A-2019268113
 (21) 2019268113 (22) 20.11.2019
 (54) Cards, devices, systems and methods for advanced payment functionality selection

(51) Int. Cl.
G06Q 20/00 (2006.01)
 (43) 12.12.2019
 (62) 2017219095
 (72) Mullen, Jeffrey D.
 (74) FPA Patent Attorneys Pty Ltd

(71) Electric Cable Duct Systems Pty. Ltd.
 (11) AU-A-2019268210
 (21) 2019268210 (22) 22.11.2019
 (54) A COVERING FOR USE WITH A FLOOR BOX

(51) Int. Cl.
H02G 3/02 (2006.01)
E04F 19/08 (2006.01)
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 (62) 2015204344
 (72) Booth, Bradley Noel; Cesarin, Daniele
 (74) Phillips Ormonde Fitzpatrick

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H01H 83/20 (2006.01)
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G06Q 10/00 (2006.01)
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F16H 55/36 (2006.01)
F16D 7/02 (2006.01)
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B01D 15/18 (2006.01)
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G01F 1/66 (2006.01)
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(74) Patentec Patent Attorneys

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A47J 31/42 (2006.01)
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F24S 20/70 (2018.01)
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B04C 5/08 (2006.01)
A47L 9/16 (2006.01)
B04C 5/103 (2006.01)
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E04H 4/16 (2006.01)
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G06F 3/0481 (2013.01)
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H01Q 1/27 (2006.01)
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C02F 1/461 (2006.01)
C02F 1/463 (2006.01)

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E04B 1/26 (2006.01)
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B27F 7/15 (2006.01)
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E21C 35/04 (2006.01)
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C07D 207/267 (2006.01)
A61K 31/197 (2006.01)
A61K 31/4015 (2006.01)
A61P 25/08 (2006.01)
C07C 233/47 (2006.01)
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F21V 21/36 (2006.01)
E04H 12/18 (2006.01)
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 B82Y 10/00 (2011.01)
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 (51) Int. Cl.
 D06F 37/24 (2006.01)
 D06F 37/12 (2006.01)
 D06F 37/26 (2006.01)
 D06F 39/12 (2006.01)
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 A47L 9/28 (2006.01)
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 (51) Int. Cl.

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 (51) Int. Cl.
 A47L 5/24 (2006.01)
 A47L 9/12 (2006.01)
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 F25D 27/00 (2006.01)
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 G01B 11/04 (2006.01)
 G06T 7/60 (2017.01)
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A61M 1/00 (2006.01)
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C07H 15/00 (2006.01)
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G01L 9/02 (2006.01)
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E04B 2/32 (2006.01)
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B02C 21/02 (2006.01)
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A01L 1/00 (2006.01)
A01L 3/00 (2006.01)
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A01H 6/82 (2018.01)
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F01K 23/10 (2006.01)
C09K 5/04 (2006.01)
F01K 25/08 (2006.01)

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G01N 29/02A (2006.01)
E21B 47/14 (2006.01)
E21B 49/00 (2006.01)
G01N 29/46 (2006.01)
G01P 5/24 (2006.01)
G01V 1/44 (2006.01)
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E04B 1/348 (2006.01)
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E04B 2/42 (2006.01)
E04B 1/92 (2006.01)
E04C 2/32 (2006.01)
E04C 2/34 (2006.01)
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A61K 9/66 (2006.01)
A61K 9/08 (2006.01)
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B65G 27/32 (2006.01)
B06B 1/00 (2006.01)
B07B 1/28 (2006.01)
B07B 1/42 (2006.01)
(31) 1808690.0 **(32)** 28.05.18 **(33)** GB
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F16M 13/02 (2006.01)
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A61P 25/28 (2006.01)
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C12N 15/86 (2006.01)
A61K 9/51 (2006.01)
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G06Q 10/00 (2006.01)
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A01N 25/10 (2006.01)
A01N 25/26 (2006.01)
A01N 43/90 (2006.01)
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(74) Churchill Attorneys

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(11) AU-A-2019264537
(21) 2019264537 **(22)** 12.11.2019
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C07F 5/02 (2006.01)
A61K 31/43 (2006.01)
A61K 31/69 (2006.01)
A61P 31/00 (2006.01)

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(21) 2019268149

(71) VIDEO GAMING TECHNOLOGIES, INC.
(11) AU-A-2019268106
(21) 2019268106 **(22)** 20.11.2019
(54) Lock Zone
(51) Int. Cl.
A63F 13/50 (2014.01)
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G07F 17/32 (2006.01)
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(72) LUDWICK, John Victor
(74) Griffith Hack

(71) VIDEO GAMING TECHNOLOGIES, INC.
(11) AU-A-2019268178
(21) 2019268178 **(22)** 22.11.2019
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(51) Int. Cl.
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 (51) Int. Cl.
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. (*) Title not in Roman characters
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 (This list may contain multiple listings of a patent where there are multiple patentees for that patent.)

<p>(71) Anson, M. (11) AU-A-2019101343 (21) 2019101343 (22) 05.11.2019 (54) A COMPUTER SYSTEM IMPLEMENTED METHOD FOR GENERATING A SYMMETRIC ENCRYPTION KEY FOR ENCRYPTING AND DECRYPTING SECURE DATA (51) Int. Cl. <i>H04L 9/14</i> (2006.01) <i>G06F 21/60</i> (2013.01) <i>G06F 21/62</i> (2013.01) <i>G06F 21/64</i> (2013.01) (45) 12.12.2019 (72) Anson, Mark Rodney (74) Mark Rodney Anson</p>	<p>(45) 12.12.2019 (72) Dunbar, Anthony George (74) Anthony George Dunbar</p> <hr/> <p>(71) DUNSTALL'S CLEARANCE WAREHOUSE PTY LTD (11) AU-A-2019100715 (21) 2019100715 (22) 06.08.2019 (54) GLOW IN THE DARK ELECTRIC FENCEING ACCESSORIES (51) Int. Cl. <i>A01K 3/00</i> (2006.01) <i>F21V 9/30</i> (2018.01) <i>H01B 5/12</i> (2006.01) (45) 12.12.2019 (72) DUNSTALL, BRENT (74) DUNSTALL'S CLEARANCE WAREHOUSE PTY LTD</p>	<p>(71) HANGZHOU SHANSHUO TECHNOLOGY CO., LTD (11) AU-A-2019101347 (21) 2019101347 (22) 05.11.2019 (54) INTELLIGENT HOME CONTROL SYSTEM (51) Int. Cl. <i>G08B 13/00</i> (2006.01) (45) 12.12.2019 (72) YE, Xiaobo (74) Owen Gee</p>
<p>(71) Australian Rig Construction Holdings Pty Ltd (11) AU-A-2019101297 (21) 2019101297 (22) 25.10.2019 (54) Apparatus (51) Int. Cl. <i>E21B 33/038</i> (2006.01) <i>E21B 33/06</i> (2006.01) (31) 2018904070 (32) 26.10.18 (33) AU (45) 12.12.2019 (72) Cooney, Tyson Ilus; Stangherlin, Guido (74) Spruson & Ferguson</p>	<p>(71) DYWIDAG-Systems International Pty Limited (11) AU-A-2015101969 (21) 2015101969 (22) 27.04.2015 (54) Rock bolt (51) Int. Cl. <i>E21D 21/00</i> (2006.01) (31) 2014901518 (32) 28.04.14 (33) AU (45) 12.12.2019 (72) Hird, Derek Colin; Evans, David William (74) Spruson & Ferguson</p>	<p>(71) HANGZHOU SHANSHUO TECHNOLOGY CO., LTD (11) AU-A-2019101348 (21) 2019101348 (22) 05.11.2019 (54) CONSTANT-HUMIDITY WARDROBE (51) Int. Cl. <i>A47B 61/00</i> (2006.01) (45) 12.12.2019 (72) YE, Xiaobo (74) Owen Gee</p>
<p>(71) Chongqing university of posts and telecommunications (11) AU-A-2019101361 (21) 2019101361 (22) 06.11.2019 (54) a quantum secure multiparty function computation method based on Lagrangian unitary operator and Shamir (t,n) threshold (51) Int. Cl. <i>H04L 9/00</i> (2006.01) (45) 12.12.2019 (72) Song, Xiuli; Gou, Rui; Zhu, Qingyi; Liu, Yanbing; Yang, Shuai (74) Xiuli Song</p>	<p>(71) Farrell, M. (11) AU-A-2019101365 (21) 2019101365 (22) 06.11.2019 (54) A DISPENSER (51) Int. Cl. <i>B65H 35/00</i> (2006.01) <i>B65D 83/08</i> (2006.01) <i>B65D 85/66</i> (2006.01) (45) 12.12.2019 (72) Farrell, Matthew (74) Wynnes Patent and Trade Mark Attorneys Pty Ltd</p>	<p>(71) HANGZHOU SHANSHUO TECHNOLOGY CO., LTD (11) AU-A-2019101349 (21) 2019101349 (22) 05.11.2019 (54) DISINFECTING AND DRYING CABINET (51) Int. Cl. <i>A47L 15/42</i> (2006.01) <i>A61L 2/10</i> (2006.01) (45) 12.12.2019 (72) YE, Xiaobo (74) Owen Gee</p>
<p>(71) Dunbar, A. (11) AU-A-2019101335 (21) 2019101335 (22) 04.11.2019 (54) The name for the invention is "JETZT". It is a pre fabricated and pre serviced panel system. It has many differences from any other type of pre fabricated building techniques and systems that are available. (51) Int. Cl. <i>E04B 1/10</i> (2006.01) <i>E04C 2/52</i> (2006.01)</p>	<p>(71) HANGZHOU SHANSHUO TECHNOLOGY CO., LTD (11) AU-A-2019101346 (21) 2019101346 (22) 05.11.2019 (54) INTELLIGENT HOME CONTROL SYSTEM (51) Int. Cl. <i>G05B 15/02</i> (2006.01) (45) 12.12.2019 (72) YE, Xiaobo (74) Owen Gee</p>	<p>(71) Harman, P. (11) AU-A-2019101366 (21) 2019101366 (22) 06.11.2019 (54) Radio Linked Fire Detectors Interface to Fire Detection Control and Indicating Equipment (51) Int. Cl. <i>G08B 25/10</i> (2006.01) (45) 12.12.2019 (72) Harman, Philip Victor (74) TRANSDIGITAL PTY LTD</p>
<p>(71) Jebbink, D.; Morris, D. (11) AU-A-2019101323 (21) 2019101323 (22) 31.10.2019 (54) A marine pile (51) Int. Cl. <i>E02D 5/24</i> (2006.01) <i>B32B 1/08</i> (2006.01) <i>B32B 17/04</i> (2006.01) <i>B32B 27/30</i> (2006.01) <i>B32B 27/38</i> (2006.01) <i>E02D 5/60</i> (2006.01)</p>	<p>(71) HANGZHOU SHANSHUO TECHNOLOGY CO., LTD (11) AU-A-2019101347 (21) 2019101347 (22) 05.11.2019 (54) INTELLIGENT HOME CONTROL SYSTEM (51) Int. Cl. <i>G08B 13/00</i> (2006.01) (45) 12.12.2019 (72) YE, Xiaobo (74) Owen Gee</p>	<p>(71) HANGZHOU SHANSHUO TECHNOLOGY CO., LTD (11) AU-A-2019101348 (21) 2019101348 (22) 05.11.2019 (54) CONSTANT-HUMIDITY WARDROBE (51) Int. Cl. <i>A47B 61/00</i> (2006.01) (45) 12.12.2019 (72) YE, Xiaobo (74) Owen Gee</p>

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F16M 13/02 (2006.01)
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(74) A.P.T. Patent and Trade Mark Attorneys
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A47C 4/02 (2006.01)
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B32B 7/02 (2006.01)
A01N 65/00 (2006.01)
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(74) Shelston IP Pty Ltd.

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 A41D 13/015 (2006.01)
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C07K 16/28 (2006.01)
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F24F 1/00 (2011.01)
F24F 13/20 (2006.01)
F24F 13/22 (2006.01)
F24F 13/30 (2006.01)

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F24F 13/20 (2006.01)
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F24F 13/20 (2006.01)
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F24F 13/20 (2006.01)
F24F 1/00 (2011.01)
F24F 13/24 (2006.01)
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G05F 1/70 (2006.01)
F24F 11/88 (2018.01)
H02J 3/01 (2006.01)
H02J 3/18 (2006.01)
H02M 1/12 (2006.01)
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A61G 7/10 (2006.01)
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B42D 25/415 (2014.01)
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 A61P 35/00 (2006.01)
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 C12N 15/13 (2006.01)
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(54) Absorbent article with channels and method for manufacturing thereof				
(51) Int. Cl.				
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A61J 1/20 (2006.01)
A61M 5/178 (2006.01)
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H02J 50/05 (2016.01)
G06F 3/01 (2006.01)
H04B 5/02 (2006.01)
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C07K 14/725 (2006.01)
A61K 35/17 (2015.01)
A61P 35/00 (2006.01)
C07K 16/30 (2006.01)
C07K 19/00 (2006.01)
C12N 5/0783 (2010.01)
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C07K 19/00 (2006.01)
A61K 35/17 (2015.01)
A61P 35/00 (2006.01)
C07K 14/725 (2006.01)
C07K 16/30 (2006.01)
C12N 5/0783 (2010.01)
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C07K 16/30 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C07K 16/46 (2006.01)
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H05B 6/48 (2006.01)
A23L 5/10 (2016.01)
A47J 37/12 (2006.01)
F24C 7/02 (2006.01)
A23L 5/30 (2016.01)
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C07D 417/12 (2006.01)
A61K 31/427 (2006.01)
A61P 35/00 (2006.01)
C07D 417/14 (2006.01)
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C12P 19/02 (2006.01)
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G06Q 10/08 (2012.01)
G06K 7/00 (2006.01)
H01Q 1/00 (2006.01)
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C09K 3/00 (2006.01)
A23C 21/00 (2006.01)
A23J 3/08 (2006.01)
A23L 29/212 (2016.01)
B01J 49/50 (2017.01)
C02F 1/66 (2006.01)
C02F 5/00 (2006.01)
C04B 41/53 (2006.01)
C05G 3/04 (2006.01)
C09K 8/00 (2006.01)
C09K 8/528 (2006.01)
C09K 8/72 (2006.01)
C23G 1/02 (2006.01)
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A23C 9/123 (2006.01)
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A61K 9/00 (2006.01)
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A61K 31/045 (2006.01)
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C07K 14/725 (2006.01)
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E21B 43/26 (2006.01)
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C07D 498/04 (2006.01)
A61K 31/4375 (2006.01)
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A61P 35/00 (2006.01)
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C07D 489/00 (2006.01)
A61K 31/025 (2006.01)
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C11D 3/48 (2006.01)
A61K 8/04 (2006.01)
A61K 8/34 (2006.01)
A61Q 17/00 (2006.01)
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A61Q 19/10 (2006.01)
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C11D 3/48 (2006.01)
A61K 8/04 (2006.01)
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A61Q 17/00 (2006.01)
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G06N 99/00 (2019.01)
G06Q 10/06 (2012.01)
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 (54) Energy management system
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H02J 3/32 (2006.01)
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A61N 1/36 (2006.01)
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H04W 72/04 (2009.01)
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H04W 12/08 (2009.01)
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 (54) Uplink precoding method, device and system
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H04W 72/12 (2009.01)
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H04W 72/04 (2009.01)
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H04W 76/00 (2018.01)
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 (54) Electronic device
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G06K 9/00 (2006.01)
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 (54) Uplink control information transmission method, device, and system
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H04W 16/02 (2009.01)
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H04W 52/14 (2009.01)
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H04W 72/04 (2009.01)
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H04W 72/12 (2009.01)
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 (54) Wireless communication method and device
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H04W 24/10 (2009.01)

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 (54) Method, terminal device and network device for transmitting signals
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 H04L 1/00 (2006.01)
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A45D 1/02 (2006.01)
A45D 1/16 (2006.01)
A45D 2/36 (2006.01)
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F03D 80/80 (2016.01)
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 (54) Oral care cleaning system utilizing entrained fluid
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A61C 17/02 (2006.01)
A61C 17/028 (2006.01)

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 trained fluid
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A61C 17/02 (2006.01)
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 (51) Int. Cl.
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A61L 15/00 (2006.01)
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G08C 15/00 (2006.01)
H01L 35/32 (2006.01)
H02N 11/00 (2006.01)
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 manufacture
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A63B 39/06 (2006.01)
A63B 41/08 (2006.01)
A63B 45/00 (2006.01)
B29C 69/00 (2006.01)
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 tein, gene and transformant therefor
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C12N 15/53 (2006.01)
A01K 67/027 (2006.01)
A01K 67/033 (2006.01)
C12N 1/15 (2006.01)
C12N 1/19 (2006.01)
C12N 1/21 (2006.01)
C12N 5/10 (2006.01)
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C12P 7/22 (2006.01)
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 (54) Disposable absorbent article
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 (54) Antimicrobial composition including an acyl lactylate and a glycol and methods of inhibiting microbial growth utilizing the same
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 A61K 8/37 (2006.01)
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 (51) Int. Cl.
 A61F 13/49 (2006.01)
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 (54) Front or rear opening closed-sided absorbent articles
 (51) Int. Cl.
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 (51) Int. Cl.
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 (51) Int. Cl.
 C07D 471/10 (2006.01)
 A61K 31/438 (2006.01)
 A61P 7/06 (2006.01)
 A61P 9/00 (2006.01)
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 C12N 5/0783 (2010.01)
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 H01M 10/46 (2006.01)
 B60W 20/00 (2016.01)
 H01M 10/42 (2006.01)
 H01M 10/44 (2006.01)
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 E04F 19/08 (2006.01)
 E04B 9/00 (2006.01)
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 (72) Günther, Michael; Pfannes, Bernd; Bey-
 er, Claus; Schäfer, Matthias
 (74) PIPERS

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 (21) 2017417515 (22) 08.06.2017
 (54) Device for closing an inspection opening, and method for inserting a device of said type
 (51) Int. Cl.
 E04F 19/08 (2006.01)
 E04B 9/00 (2006.01)
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 (72) Günther, Michael; Pfannes, Bernd; Bey-
 er, Claus; Schäfer, Matthias
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 (21) 2017417516 (22) 08.06.2017
 (54) Device for closing off an opening, in particular an inspection opening, and construction kit for the same
 (51) Int. Cl.

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E04B 9/00 (2006.01)
E05D 5/02 (2006.01)
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(54) Display control device and display control method
(51) Int. Cl.
H04N 7/18 (2006.01)
E02F 9/20 (2006.01)
G05D 1/00 (2006.01)
H04Q 9/00 (2006.01)
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(21) 2018345469 **(22)** 03.10.2018
(54) Control device and control method
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E02F 9/20 (2006.01)
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(21) 2018345470 **(22)** 03.10.2018
(54) Work system, work machine, and control method
(51) Int. Cl.
E02F 9/24 (2006.01)
G05D 1/02 (2006.01)
(87) WO2019/069996
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(74) FB Rice Pty Ltd
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(11) AU-A-2018278302
(21) 2018278302 **(22)** 30.05.2018
(54) Arrangement and method for changing a direction of movement of an elevator car of an elevator, and the elevator thereof
(51) Int. Cl.
B66B 9/00 (2006.01)
B66B 7/04 (2006.01)
B66B 11/04 (2006.01)
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A61P 11/00 (2006.01)
A61P 31/04 (2006.01)
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(51) Int. Cl.
C12N 15/113 (2010.01)
A61K 31/713 (2006.01)
A61K 48/00 (2006.01)
A61P 35/00 (2006.01)
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(54) Percolation-type filtration device
(51) Int. Cl.
C02F 1/00 (2006.01)
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(51) Int. Cl.
G01R 31/08 (2006.01)
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(54) Integrated surveillance and control
(51) Int. Cl.
E21B 41/00 (2006.01)
E21B 43/12 (2006.01)
G06N 3/04 (2006.01)
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(51) Int. Cl.
C12P 7/04 (2006.01)
C12P 7/06 (2006.01)
C12P 7/16 (2006.01)
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(54) Method for extracting silica
(51) Int. Cl.
C01B 33/12 (2006.01)
B01D 11/04 (2006.01)
C07G 1/00 (2011.01)
(87) WO2018/218295
(31) 2017902072 **(32)** 31.05.17 **(33)** AU
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(54) Electrical equipment mechanism and electrical equipment comprising such a mechanism
(51) Int. Cl.
H02G 3/18 (2006.01)
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(31) 1754633 **(32)** 24.05.17 **(33)** FR
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(72) Barruche, Alain
(74) Watermark Intellectual Property Pty Ltd
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- (71)** LG Electronics Inc.
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(54) Clothing processing apparatus, control method of clothing processing apparatus

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(51) Int. Cl.
D06F 39/00 (2006.01)
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(21) 2018283473 **(22)** 18.04.2018
(54) Vacuum cleaner
(51) Int. Cl.
A47L 9/28 (2006.01)
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(74) FB Rice Pty Ltd
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(11) AU-A-2018287084
(21) 2018287084 **(22)** 25.06.2018
(54) Motorised axle and vehicle equipped with such an axle
(51) Int. Cl.
B60K 1/00 (2006.01)
B60B 35/12 (2006.01)
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C10M 149/18 (2006.01)
C23C 28/00 (2006.01)
F16L 15/00 (2006.01)
C10N 10/12 (2006.01)
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A61L 27/38 (2006.01)
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F21V 21/008 (2006.01)
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A01K 97/06 (2006.01)
A21D 10/02 (2006.01)
A45C 13/10 (2006.01)
B65D 33/24 (2006.01)
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C07C 49/563 (2006.01)
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G06T 7/00 (2017.01)
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 (51) Int. Cl.
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 (74) Davies Collison Cave Pty Ltd
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- (71) ZTE Corporation
 (11) AU-A-2018261974
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 (54) Sequence determining method and apparatus, device and storage medium
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- (71) ZTE Corporation
 (11) AU-A-2018290375
 (21) 2018290375 (22) 16.03.2018
 (54) Resource allocation method and system
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- (71) Zymeworks Inc.
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 (21) 2018292438 (22) 29.06.2018
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 (51) Int. Cl.
C07K 16/46 (2006.01)
A61K 39/395 (2006.01)
A61P 29/00 (2006.01)
A61P 31/00 (2006.01)
A61P 35/00 (2006.01)
A61P 37/06 (2006.01)
C07K 16/00 (2006.01)
C12N 5/10 (2006.01)
C12N 15/13 (2006.01)
C12P 21/00 (2006.01)
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2017313455	Tran, N.; Khoury, S.	2018254591	ZeniMax Media Inc.
2017410250	Hydrogen Tech Sdn. Bhd.	2018254774	Can Forming Technologies, LLC
2017411184	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	2018255426	Resnent, LLC
2017411412	Ritter, E.	2018255493	NewSouth Innovations Pty Limited; Antony, J.
2017411592	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	2018255722	University Health Network
2017412307	Norotos, Inc.	2018255983	ZeniMax Media Inc.
2017412833	Huawei Technologies Co., Ltd.	2018256309	Infosci, LLC
2017413263	Cyber Surgery, S.L.	2018256760	MAR-BUD Spółka Z Ograniczoną Odpowiedzialnością
2017413264	Cyber Surgery, S.L.	2018256816	Deltoid, LLC
2017413578	TTI (Macao Commercial Offshore) Limited	2018257122	Doknip Biopharm Co.
2017413929	Razer (Asia-Pacific) Pte. Ltd.	2018257685	LG Electronics Inc.
2017414430	Guangdong OPPO Mobile Telecommunications Corp., Ltd.	2018257783	Aspiration Partners, Inc.
2017415185	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	2018258025	Grid Edge Limited
2017415231	Unique Product & Design Co., Ltd.; Dongguan Wenjian Golf Products Co., Ltd.	2018258037	Shen Wei (USA) Inc.
2017415310	Memorial Sloan Kettering Cancer Center	2018258045	Eureka Therapeutics, Inc.
2017415315	Intuit Inc.	2018258046	Eureka Therapeutics, Inc.
2017415611	Motorola Solutions, Inc.	2018258049	Eureka Therapeutics, Inc.
2017415649	Kitty Hawk Corporation	2018258067	Papp, A.; Papp, D.; CueBack Technology, Inc.
2017415762	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2018258117	Chase Therapeutics Corporation
2017416031	Prysmian S.p.A.	2018258118	Third Wave Water LLC
2017416292	Nippon Steel Nisshin Co., Ltd.	2018258129	Select Research Limited
2017416331	Huawei Technologies Co., Ltd.	2018258170	Proteus Digital Health, Inc.
2017416351	Mootral SA	2018258250	Almeda Labs LLC
2017416518	Kimberly-Clark Worldwide, Inc.	2018258337	Glover, H.; Hahn, E.
2017416533	Intuit Inc.	2018258348	Amicus Therapeutics, Inc.
2017416807	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2018258475	Mendology, Inc.
2017417029	Kimberly-Clark Worldwide, Inc.	2018258654	The Johns Hopkins University
2017417126	Ecole Polytechnique Federale de Lausanne (EPFL)	2018258656	Anonos Inc.
2017417514	Knauf Gips KG	2018258833	Tricare SAS
2017417515	Knauf Gips KG	2018258841	Bio Bond ApS
2017417516	Knauf Gips KG	2018258842	Fiberight Limited
2017418298	Micro Motion, Inc.	2018259029	Ospedale San Raffaele S.r.l.; Fondazione Centro San Raffaele
2017418411	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2018259094	Bayer Aktiengesellschaft; Bayer CropScience Aktiengesellschaft
2017418901	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2018259104	Kerry Luxembourg S.à.r.l.
2017419026	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2018259150	Emmet. Ai Pty Ltd
2017419352	Birdie Biopharmaceuticals, Inc.	2018259157	Flockstock Pty Ltd
2017420127	GCE Holding AB	2018259859	Kyowa Kirin Co., Ltd.
2017420550	Hangzhou Tangji Medical Technology Co. Ltd	2018259984	Tanaka, Y.
2017421651	Transitions Optical, Ltd.	2018260459	Uber Technologies, Inc.
2017421722	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2018260628	Temple Otorongo LLC
2017422168	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2018260638	Kessler Corporation
2017423339	Intuit Inc.	2018260716	The Climate Corporation
2017423442	Electrolux Appliances Aktiebolag	2018261004	Surefooted LLC
2017423650	Mitsubishi Electric Corporation	2018261021	Trefoil Therapeutics, Inc.
2017424406	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2018261075	Donald Danforth Plant Science Center
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2017426168	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	2018261420	University of Miami
2017430487	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	2018261519	GE Oil & Gas Pressure Control LP
2017431429	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2018261622	SIWA Corporation
2017432603	Halliburton Energy Services, Inc.	2018261637	BioMarin Pharmaceutical Inc.
2018254550	ZeniMax Media Inc.	2018261974	ZTE Corporation
		2018262273	David E.T. Garman Concepts Limited
		2018262327	The University of Sheffield
		2018262455	Goldman Sachs & Co. LLC; Dembo, R.
		2018262574	Flexicare (Group) Limited
		2018262592	Carpyz SAS
		2018262698	King's College, London; GammaDelta Therapeutics Limited
		2018263059	Schaub, W.
		2018263083	Normet Oy; Oy Forcit AB
		2018263376	Jemella Limited
		2018263385	AEXOS Inc.
		2018263849	GOJO Industries, Inc.
		2018263859	GOJO Industries, Inc.
		2018263868	Merck Sharp & Dohme Corp.
		2018263871	NantOmics, LLC

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2018264321	Shanghai JMT-Bio Technology Co., Ltd.	2018271863	Materialytics, LLC
2018264384	Shenzhen Hightide Biopharmaceutical Ltd.	2018271872	Dragonfly Therapeutics, Inc.
2018264606	Samsung Heavy Ind.Co., Ltd	2018271930	Dragonfly Therapeutics, Inc.
2018264739	Caregen Co., Ltd.	2018271990	Araxes Pharma LLC
2018264756	ThyssenKrupp Industrial Solutions AG; ThyssenKrupp AG	2018271998	Enable Injections, Inc.
2018264871	Dow AgroSciences LLC	2018272013	Incyte Corporation
2018264879	IEX Group, Inc.	2018272057	Stryker Corporation
2018264892	Northrop Grumman LITEF GmbH	2018272076	Animal Microbiome Analytics, Inc.
2018265129	ITT Manufacturing Enterprises LLC	2018272093	Alliance for Sustainable Energy, LLC
2018265160	MAKO Surgical Corp.	2018272237	Daikin Industries, Ltd.
2018265269	GCP Applied Technologies Inc.	2018272281	Ceva Sante Animale
2018265421	The Regents of the University of Michigan	2018272316	UPL Ltd
2018265567	Neolitics, Inc.	2018272794	Merck Patent GmbH
2018265593	New York Stem Cell Foundation, Inc.	2018272840	Ab Initio Technology LLC
2018265614	Sage Global Services Limited	2018272869	MATISA Materiel Industriel SA
2018266091	Assembly Medicine, LLC.	2018272880	Pharmiva AB
2018266105	Taxon Biosciences Inc.	2018272924	Bombardier Transportation GmbH
2018266602	Veridium IP Limited	2018272986	Glenmark Pharmaceuticals S.A.
2018266690	Asclepix Therapeutics, Inc.; The Johns Hopkins University	2018273014	MBDA UK Limited
2018266835	Abel Applications Limited; Naturalife Health Unlimited Company	2018273016	Ahmed, B.
2018266949	Vadakekuttu, T.; Sawant, A.	2018273086	3M Innovative Properties Company
2018267167	Kikkoman Corporation; Nagasaki University	2018273141	The Glad Products Company
2018267703	Vale S.A.	2018273178	Saipem S.p.A.
2018267843	Jiangsu Hengrui Medicine Co., Ltd.; Shanghai Hengrui Pharmaceutical Co., Ltd	2018273191	Stange, K.
2018268047	Preventicus GmbH	2018273194	GBS Global BioPharma, Inc.
2018268369	Star Tric S.r.l.	2018273199	RxSight, Inc.
2018268713	Embody Inc.	2018273250	Dragonfly Therapeutics, Inc.
2018268859	Translate Bio, Inc.	2018273312	Kelk Ltd.
2018269018	Kessler Corporation	2018273326	Control Concepts, Inc.
2018269158	Benz Research and Development Corp.	2018273471	Sila Prirodi Limited Liability Company (Sila Prirodi LLC)
2018269298	Drylock Technologies NV	2018273472	Sila Prirodi Limited Liability Company (Sila Prirodi LLC)
2018269299	Drylock Technologies NV	2018273522	Institute of Process Engineering, Chinese Academy of Sciences
2018269301	Drylock Technologies NV	2018273738	IPS Corporation; Rodrigues, J.
2018269302	Drylock Technologies NV	2018273791	Edith Cowan University
2018269303	Drylock Technologies NV	2018273794	Haventec Pty Ltd
2018269389	EMEH, Inc.	2018273799	Centenary Institute of Cancer Medicine and Cell Biology; University of Sydney
2018269479	Zethon Limited	2018273815	Lux Modus Ltd.
2018269540	McCormick & Company, Incorporated	2018273823	Sealite Pty Ltd
2018269598	Baker Hughes, a GE Company LLC	2018273854	Dow AgroSciences LLC
2018269653	Evertron Holdings Pte. Ltd.	2018273896	Alert Innovation Inc.
2018269675	Coffee Innovations Pty Ltd; La Marzocco S.r.l.	2018273979	Bluebird Bio, Inc.
2018269678	INSERM (Institut National de la Santé et de la Recherche Médicale); Université de Montpellier; Biodol Therapeutics	2018273986	The General Hospital Corporation
2018270018	NYK Trading Corporation; Idemitsu Kosan Co., Ltd.; Nippon Yusen Kabushiki Kaisha	2018273988	Bruin Biosciences, Inc.; The Regents of the University of California
2018270106	Mango Materials Inc.	2018274028	Wigen Biomedicine Technology (Shanghai) Co., Ltd.
2018270112	Tesarro, Inc.	2018274043	Abbisko Therapeutics Co., Ltd.
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2018270433	Cora Aero LLC	2018274157	China UnionPay Co., Ltd.
2018270450	ConocoPhillips Company	2018274201	Bosco, A.
2018270520	The Research Foundation for the State University of New York	2018274215	Novartis AG
2018270785	Auris Health, Inc.	2018274216	Novartis AG
2018271054	Yoon, H.	2018274224	Uber Technologies, Inc.
2018271198	Samsung Electronics Co., Ltd.	2018274378	Wigen Biomedicine Technology (Shanghai) Co., Ltd.
2018271218	Orica International Pte Ltd	2018274521	Université d'Aix-Marseille; Centre National de la Recherche Scientifique
2018271441	Daikin Industries, Ltd.	2018274558	Robel Bahnbaumaschinen GmbH
2018271442	Daikin Industries, Ltd.	2018274569	Novassay SA
2018271456	Daikin Industries, Ltd.	2018274608	Baggermaatschappij Boskalis B.V.
2018271457	Nippon Steel Corporation; Vallourec Oil and Gas France	2018274665	CeMM - Forschungszentrum für Molekulare Medizin GmbH
2018271558	Kabushiki Kaisha Yakult Honsha	2018274704	The Binding Site Group Limited
2018271781	Memorial Sloan Kettering Cancer Center; Cornell University	2018274706	De La Rue International Limited
		2018274709	Institute of Genetics and Developmental Biology
			Chinese Academy of Sciences
		2018274715	Vexo International (UK) Limited
		2018274826	TOCALO Co., Ltd.; Daido Steel Co., Ltd.; Daido Castings Co., Ltd.
		2018275053	Lotte Co., Ltd.

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2018275187	Dow Global Technologies LLC	2018281967	BAE Systems plc
2018275205	Kimberly-Clark Worldwide, Inc.	2018282018	Sami Labs Limited
2018275238	Colgate-Palmolive Company	2018282038	Autolus Limited
2018275270	Amgen Inc.	2018282094	Janssen Biotech, Inc.
2018275359	Pfizer Inc.	2018282103	Laica S.p.a.
2018275531	General Electric Company	2018282104	Urovant Sciences GmbH
2018275561	Virginia Commonwealth University	2018282105	Urovant Sciences GmbH
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2018275646	thyssenkrupp Industrial Solutions AG; thyssenkrupp AG	2018282636	Croda, Inc.
2018275686	Xeris Pharmaceuticals, Inc.	2018282859	Nippon Soda Co., Ltd.
2018275735	Plasser & Theurer Export von Bahnbaumaschinen GmbH	2018283038	LanzaTech, Inc.
2018275757	Clarichetti, G.	2018283050	Urschel Laboratories, Inc.
2018275786	Ecolab Usa Inc.	2018283234	Kyorin Pharmaceutical Co., Ltd.
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2018276083	Chorny, J.	2018283785	Wagstaff, Inc.
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2018276317	Fluid Energy Group Ltd.	2018285213	Bayer Aktiengesellschaft; Bayer CropScience Aktiengesellschaft
2018276376	UCB Biopharma SPRL	2018285455	ADC Therapeutics SA; MedImmune Limited
2018276386	Andrew Wireless Systems GmbH	2018285562	ADC Therapeutics SA; MedImmune Limited
2018276441	F. Hoffmann-La Roche AG; C4 Therapeutics, Inc.	2018285579	IMBA - Institut für Molekulare Biotechnologie GmbH
2018276600	Daikin Industries, Ltd.	2018285624	Interlock USA, Inc.
2018277070	Upfield Europe B.V.	2018285656	Bayer Aktiengesellschaft
2018277158	Johnson & Johnson Consumer Inc.	2018285972	Sinai Health System
2018277241	Novartis AG; Palobiofarma S.L.	2018286535	SpecGx LLC
2018277255	Johnson & Johnson GmbH	2018286682	Omya International AG
2018277310	Ablynx NV; Merck Patent GmbH	2018286744	Rheinmetall Waffe Munition GmbH
2018277520	ChemoCentryx, Inc.	2018286823	Boehringer Ingelheim Vetmedica GmbH
2018277589	Winn & Coales International Limited	2018287084	Lohr Industrie
2018277650	Motorola Solutions, Inc.	2018287817	SafeCertifiedStructure Tecnologia S.p.A.
2018277822	S&W Seed Company	2018288383	EnPointe Fencing Pty Ltd
2018277949	Otsuka Pharmaceutical Co., Ltd.	2018288541	Abiomed Europe GmbH
2018278108	Kimberly-Clark Worldwide, Inc.	2018288650	Honeywell International Inc.
2018278110	Kimberly-Clark Worldwide, Inc.	2018288712	NantKwest, Inc.
2018278193	RxSight, Inc.	2018288715	NantKwest, Inc.
2018278232	GSK Consumer Healthcare S.A.	2018288772	Illumina, Inc.
2018278288	Genano Oy	2018289218	Saab AB
2018278302	KONE Corporation	2018289385	Illumina, Inc.
2018278311	Quentis Therapeutics, Inc.	2018289400	ImpactVision, Inc.
2018278315	Ultragenyx Pharmaceutical Inc.	2018289402	ImpactVision, Inc.
2018278327	CytomX Therapeutics, Inc.	2018289493	Dana-Farber Cancer Institute, Inc.
2018278345	Interlock USA, Inc.	2018289553	Ecolab USA Inc.
2018278528	NanoXplore Inc.	2018289560	Ecolab USA Inc.
2018278685	Norsk Hydro ASA	2018290375	ZTE Corporation
2018278803	Armstrong World Industries, Inc.	2018290694	Mustang Sampling, LLC
2018278840	Virginia Commonwealth University	2018290749	Dana-Farber Cancer Institute, Inc.
2018279153	Rhodia Operations	2018291037	Osprey Medical, Inc.
2018279738	President and Fellows of Harvard College; The Brigham and Women's Hospital, Inc.	2018291477	User Solution AS
2018279808	MTD Products Inc	2018291666	VivavisionShanghaiLtd
2018279877	Avent, Inc.	2018291850	Motorola Solutions, Inc.
2018279977	Biogrand GmbH	2018292136	Veltek Associates, Inc.
2018280145	General Cable Technologies Corporation	2018292283	Lunella Biotech, Inc.
2018280170	Marubeni-Itochu Tubulars America Inc.	2018292438	Zymeworks Inc.
2018280347	Australian Wool Innovation Limited	2018293281	CJ Cheiljedang Corporation
2018280465	Qingdao Haier Joint Stock Co., Ltd	2018293556	NewSouth Innovations Pty Limited; Hangzhou Cable Co Ltd
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2018281308	Ebb Therapeutics, Inc.	2018295116	Dexcom, Inc.
2018281716	Upfield Europe B.V.	2018295206	Medtronic Minimed, Inc.
2018281741	Kimberly-Clark Worldwide, Inc.	2018295861	Samsung Electronics Co., Ltd.
2018281816	Avent, Inc.	2018296700	Nokian Renkaat Oyj
2018281920	Hollister Incorporated	2018297398	Vector Remediation Ltd.
2018281928	Landis+Gyr Technologies, LLC	2018297584	Creo Medical Limited

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2018407116 Jiangsu Goldwind Science & Technology Co., Ltd.
2018410430 Fullarton Bioengineering Technology (Beijing) Co., Ltd
2018411224 Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.
2018412370 China University of Mining and Technology
2018417369 GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
2018417371 GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
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<u>A01H 4 /-</u>	2018282636	<u>A23L 33 /-</u>	<u>A47G 9 /-</u>	<u>A61C 17 /-</u>	<u>A61K 31 /-</u>
2018294213	<u>A01P 21 /-</u>	2018271558	2018377848	2018276145 2018277158	2017419352 2018258117 2018258170 2018258337 2018258348 2018259859 2018261075 2018263059 2018264313 2018264384 2018264739 2018265421 2018269678 2018270112 2018271862 2018271990 2018272013 2018272986 2018273194 2018273988 2018274028 2018274043 2018274665 2018275686 2018276273 2018276441 2018277241 2018277949 2018278311 2018280875 2018282104 2018282105 2018282225 2018282859 2018283234 2018284249 2018285455 2018285562 2018285579 2018286535 2018291666 2018292283 2018293627 2019253577
<u>A01H 5 /-</u>	2018266105 2018277822 2018294213	<u>A23L 5 /-</u>	2018269675	2018273086	
<u>A01K 11 /-</u>	<u>A01P 3 /-</u>	2018269653	<u>A47J 36 /-</u>	<u>A61C 7 /-</u>	
2018280347	2018272316 2018282636	<u>A41D 13 /-</u>	2018291477	2018273086	
<u>A01K 67 /-</u>	<u>A01P 7 /-</u>	2018263385	<u>A47J 37 /-</u>	<u>A61C 9 /-</u>	
2018267167	2018272316 2018282636 2018282859	<u>A42B 1 /-</u>	2018269653	2018273086	
<u>A01K 97 /-</u>	<u>A21D 10 /-</u>	2017412307	<u>A47K 10 /-</u>	<u>A61F 13 /-</u>	
2018273141	2018273141	<u>A42B 3 /-</u>	2018284081	2017416518 2018269298 2018269299 2018269301 2018269302 2018269303 2018275205 2018277255 2018278108 2018278110 2018281741	
<u>A01M 1 /-</u>	<u>A23C 21 /-</u>	2018259984	<u>A47L 9 /-</u>		
2018273854	2018276317	<u>A45C 1 /-</u>	2018283473 2018312734	<u>A61B 1 /-</u>	
<u>A01N 1 /-</u>	<u>A23C 9 /-</u>	2018273141	2018255426 2018270785 2018297584	2018255426 2018270785 2018297584	
2018255722	2018410430	<u>A45C 11 /-</u>	<u>A61B 17 /-</u>	<u>A61F 2 /-</u>	
<u>A01N 25 /-</u>	<u>A23D 7 /-</u>	2018357836	2017413263 2017413264 2018265160 2018268369 2018269479 2018295116	2018256816 2018258475 2018258833 2018268713 2018272057 2018273199 2018278193	
2018272316 2018282636	2018269540 2018277070 2018281716	<u>A45C 13 /-</u>			
<u>A01N 31 /-</u>	<u>A23D 9 /-</u>	2018273141	<u>A61B 18 /-</u>	<u>A61F 5 /-</u>	
2018285656	2018277070	<u>A45D 1 /-</u>	2018281308	2017420550 2018263385 2018281920	
<u>A01N 37 /-</u>	<u>A23G 9 /-</u>	2018263376	<u>A61B 34 /-</u>	<u>A61F 7 /-</u>	
2018272316 2018285656	2018275053	<u>A45D 2 /-</u>	2017413264 2018265160	2018377848	
<u>A01N 41 /-</u>	<u>A23J 3 /-</u>	2018263376	<u>A46B 15 /-</u>	<u>A61K 33 /-</u>	
2018285656	2018276317	2018275238	2017413264 2018265160	2018261420 2018263059	
<u>A01N 43 /-</u>			<u>A61B 5 /-</u>		
2018259094 2018264871			2018258170		

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2018272880	2018275686		2018292438	<u>A61P 7 /-</u>	<u>A63F 9 /-</u>
<u>A61K 35 /-</u>	2018279977	<u>A61M 15 /-</u>			
	2018280866		<u>A61P 3 /-</u>	2018264313	2018273016
2018258045	2018282038	2018275561	2018274043	<u>A61P 9 /-</u>	<u>A63H 33 /-</u>
2018258046	2018285455	2018278840			
2018261420	2018285562	2018303253	<u>A61P 31 /-</u>	2018258170	2018259150
2018262698				2018264313	
2018270408	<u>A61K 48 /-</u>	<u>A61M 16 /-</u>	2018266835	2018273194	<u>A63K 3 /-</u>
2018272076	2018259859	2018262574	2018283234		
2018275894	2018261420	2018275561	2018292438	<u>A61Q 17 /-</u>	2018273016
2018282225	2018268859	2018278840			
2018285579	2018285972		<u>A61P 33 /-</u>	2017417029	<u>B01D 11 /-</u>
2018285972		<u>A61M 25 /-</u>		2018263849	
2018288712	<u>A61K 49 /-</u>		2018263059	2018263859	2018276308
2018288715		2017420550	2018282859		
	2018258654	2018262574	2018293627	<u>A61Q 19 /-</u>	<u>B01D 29 /-</u>
<u>A61K 36 /-</u>	2018270520	<u>A61M 5 /-</u>			
	2018271781		<u>A61P 35 /-</u>	2018258037	2018274715
2018258037		2018271998	2017419352	2018263849	
2018266835	<u>A61K 51 /-</u>	2018272794	2018258045	2018263859	<u>B01D 35 /-</u>
		2018281816	2018258046	2018264739	
<u>A61K 38 /-</u>	2018271781	2018291037	2018258049		2018274715
			2018259859	<u>A63B 19 /-</u>	2018302755
2018260628	<u>A61K 8 /-</u>	<u>A61N 1 /-</u>	2018264313		
2018261420			2018264321	2018260638	<u>B01F 5 /-</u>
2018266091	2017417029	2018278232	2018267843		
2018266690	2018258037		2018270112	<u>A63B 22 /-</u>	2018285004
2018268859	2018263849	<u>A61P 1 /-</u>	2018271781		
2018274215	2018263859		2018271862	2018261004	<u>B01J 19 /-</u>
2018274216	2018264739	2018272076	2018271872	<u>A63B 23 /-</u>	2018301466
2018275270			2018271990		
2018280875	<u>A61K 9 /-</u>	<u>A61P 11 /-</u>	2018272013	2018261004	<u>B01J 49 /-</u>
2018285972			2018272986		
2018288715	2018257122	2018257122	2018274028	<u>A63B 24 /-</u>	2018276317
2018289493	2018258170	2018266835	2018274043		
2019253577	2018266690	2018268859	2018274216	2018273016	<u>B01J 8 /-</u>
	2018268859	2018273194	2018275359		
<u>A61K 39 /-</u>	2018272281	2018283234	2018275894	<u>A63B 39 /-</u>	2018301466
	2018272880		2018276273		
2018257122	2018273194	<u>A61P 13 /-</u>	2018276441	2018269018	<u>B01L 3 /-</u>
2018258049	2018275686		2018277241		
2018263868	2018280866	2018258170	2018278311	<u>A63B 41 /-</u>	2018286823
2018264321	2018286535	2018273194	2018278327		
2018267843	2019253577	2018282104	2018282225	2018269018	<u>B02C 4 /-</u>
2018271872		2018282105	2018285455		
2018271930	<u>A61L 15 /-</u>		2018285562	<u>A63B 45 /-</u>	2018264756
2018272076		<u>A61P 17 /-</u>	2018288712		2018271054
2018273250	2018268713		2018288715	2018269018	
2018274215	2019253577	2018261420	2018290749		<u>B03C 1 /-</u>
2018274216		<u>A61P 19 /-</u>	2018292438	2018273016	2018274715
2018277310	<u>A61L 26 /-</u>				
2018281045		2018277310	<u>A61P 37 /-</u>		<u>B03C 3 /-</u>
2018282094	2018258037			<u>A63B 63 /-</u>	2018278288
2018282225		<u>A61P 21 /-</u>	2018257122		
2018285972	<u>A61L 27 /-</u>		2018274043	2018273016	<u>B03D 1 /-</u>
2018289493		2018270408	2018274215		
2018292438	2018268713		2018285972	<u>A63B 69 /-</u>	2018267703
	2018269158	<u>A61P 25 /-</u>	2018292438		
<u>A61K 45 /-</u>	2018279738			2018273016	<u>B05B 11 /-</u>
	2018285972	2018258348	<u>A61P 39 /-</u>		
2018257122	<u>A61M 1 /-</u>	2018269678		<u>A63B 71 /-</u>	2018303253
2018270112		2018277949	2018285455		
2018273194	2018288541	2019253577	2018285562	2018263385	<u>B09C 1 /-</u>
2018276273				2018273016	
2018282104	<u>A61M 11 /-</u>	<u>A61P 27 /-</u>	<u>A61P 43 /-</u>		2018276170
2018282105				<u>A63C 19 /-</u>	
	2018275561	2018258654	2018270408		<u>B21B 39 /-</u>
<u>A61K 47 /-</u>	2018278840	2018291666	2018273194	2018273016	
			2018274665		2018275618
2018264739	<u>A61M 13 /-</u>	<u>A61P 29 /-</u>		<u>A63F 13 /-</u>	
2018272880					
2018273988	2018275561	2018273194		2018273016	

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<u>B22D 11/-</u>	2018318938	<u>B62B 5/-</u>		<u>C04B 41/-</u>	2018271990
2018278685	<u>B60G 9/-</u>	2018292136	<u>B65D 79/-</u>	2018276317	2018274043
2018283785	2018318938	<u>B62B 7/-</u>	2018254774		2018285213
<u>B23D 15/-</u>	<u>B60K 1/-</u>	2017415231	<u>B65G 21/-</u>	<u>C05G 3/-</u>	<u>C07D 417/-</u>
2018286744	2018287084	<u>B62D 11/-</u>	2018315054	2018276317	2018259094
<u>B23K 35/-</u>	<u>B60K 17/-</u>	2018354590	<u>B65G 39/-</u>	2018282636	2018271990
2018284084	2018287084	<u>B63B 22/-</u>	2018315054	<u>C06C 5/-</u>	2018274043
<u>B24B 19/-</u>	<u>B60K 25/-</u>	2018273823	<u>B65G 41/-</u>	2018263083	2018276441
2018274558	2018287084	<u>B63B 3/-</u>	2018283705	<u>C07C 215/-</u>	<u>C07D 455/-</u>
<u>B24B 23/-</u>	<u>B60K 35/-</u>	2018273823	<u>B66B 11/-</u>	2018258348	2018264384
2018274558	2018260716	<u>B63B 35/-</u>	2018278302	<u>C07C 49/-</u>	<u>C07D 471/-</u>
<u>B24D 7/-</u>	<u>B60P 1/-</u>	2018273823	<u>B66B 7/-</u>	2018274378	2018264313
2018274558	2018385106	<u>B63B 38/-</u>	2018278302	<u>C07D 209/-</u>	2018272013
<u>B25B 5/-</u>	<u>B60T 11/-</u>	2018273823	<u>B66B 9/-</u>	2018274378	2018293627
2018277589	2018354590	<u>B63C 9/-</u>	2018278302	<u>C07D 213/-</u>	<u>C07D 487/-</u>
<u>B26D 1/-</u>	<u>B60T 7/-</u>	2017411412	<u>B66C 1/-</u>	2018274378	2018259094
2018283050	2018354590	2018273823	2018274608	2018292283	2018274028
<u>B26D 3/-</u>	<u>B60W 20/-</u>	<u>B63H 1/-</u>	<u>B66F 3/-</u>	<u>C07D 213/-</u>	2018277520
2018283050	2017415649	2018255493	2018385106	2018274378	<u>C07D 489/-</u>
<u>B26D 7/-</u>	<u>B60W 30/-</u>	<u>B64C 11/-</u>	<u>B82Y 15/-</u>	<u>C07D 231/-</u>	2018258337
2018283050	2018385106	2018270433	2018271781	2018259094	<u>C07D 498/-</u>
<u>B29C 69/-</u>	<u>B60W 40/-</u>	<u>B64C 27/-</u>	<u>B82Y 5/-</u>	2018274378	2018272986
2018269018	2018385106	2018270433	2018271781	<u>C07D 239/-</u>	2018282859
<u>B32B 37/-</u>	<u>B61D 13/-</u>	<u>B64C 3/-</u>	<u>C01B 21/-</u>	2018277949	<u>C07F 7/-</u>
2018293556	2018272924	2018270433	2018275646	2018278311	2017421651
<u>B32B 9/-</u>	<u>B61F 9/-</u>	<u>B64C 39/-</u>	<u>C01B 3/-</u>	<u>C07D 255/-</u>	<u>C07F 9/-</u>
2018293556	2018272924	2018260459	2017410250	2018270520	2018291666
<u>B41M 3/-</u>	<u>B61K 9/-</u>	<u>B64D 17/-</u>	<u>C01B 32/-</u>	<u>C07D 271/-</u>	<u>C07G 1/-</u>
2018286682	2018272924	2018286744	2018293556	2018282859	2018276308
<u>B41M 5/-</u>	<u>B61L 15/-</u>	<u>B64D 35/-</u>	<u>C01B 33/-</u>	<u>C07D 295/-</u>	<u>C07K 14/-</u>
2018286682	2018272924	2018270433	2018276308	2018274378	2017415310
<u>B42D 25/-</u>	<u>B61L 25/-</u>	<u>B65D 1/-</u>	<u>C02F 1/-</u>	<u>C07D 401/-</u>	2018258045
2018274706	2018272924	2018254774	2018258118	2018259094	2018258046
<u>B60B 35/-</u>	<u>B62B 1/-</u>	<u>B65D 23/-</u>	2018274715	2018271862	2018259029
2018287084	2018292136	2018254774	2018276317	2018271862	2018273979
<u>B60C 11/-</u>	<u>B62B 3/-</u>	<u>B65D 33/-</u>	2018282103	2018271990	2018274569
2018296700	2018292136	2018273141	2018302755	2018271990	2018274709
<u>B60G 7/-</u>	<u>B65D 65/-</u>	2018275757	2018315753	2018274028	2018278315
2018318057				2018274043	2018279738
				<u>C07D 403/-</u>	2018282038
				2018259094	2018285972
				2018271990	2018303164
				2018277241	<u>C07K 16/-</u>
				2018278311	2018258045
				<u>C07D 405/-</u>	2018258046
				2018293627	2018258049
				<u>C07D 413/-</u>	2018263868
				2018271842	2018264321
				2018276317	2018269678
				2018259094	2018271872
				2018271862	2018271930
					2018273250

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2018274215	<u>C09D 7 /-</u>	<u>C11D 3 /-</u>	<u>C12P 19 /-</u>	<u>C23C 28 /-</u>	<u>E01B 31 /-</u>
2018274216					
2018275359	2018278803	2018263849	2018258842	2018271457	2018272869
2018276376		2018263859			2018274558
2018277310	<u>C09K 21 /-</u>	2018289553	<u>C12P 21 /-</u>		
2018278327		2018289560		<u>C23C 30 /-</u>	
2018281045	2018280145		2018263868	2018284084	<u>E01B 7 /-</u>
2018282038		<u>C11D 7 /-</u>	2018276376		
2018282094	<u>C09K 3 /-</u>		2018292438		2018336651
2018285562		2018289553		<u>C23C 4 /-</u>	
2018289493	2018276317	2018289560	<u>C12P 7 /-</u>	2018274826	<u>E02D 1 /-</u>
2018290749	<u>C09K 8 /-</u>	<u>C12N 1 /-</u>	2018267167		2018287817
2018292438			2018270106	<u>C23F 11 /-</u>	
2018302343	2017432603	2018266105	2018282018	2018271842	<u>E02D 17 /-</u>
<u>C07K 19 /-</u>	2018275786	2018267167	2018283038		2017417126
	2018276317	2018267703		<u>C23F 13 /-</u>	<u>E02D 31 /-</u>
	2018279153	2018270106	<u>C12Q 1 /-</u>	2018297398	
2018258045	<u>C09K 9 /-</u>	2018282018	2017313455		2018265269
2018258046		2018410430	2018261021	<u>C23G 1 /-</u>	
2018258049	2017421651	<u>C12N 15 /-</u>	2018263871		<u>E02D 5 /-</u>
2018263868			2018270106	2018276317	2018277589
2018264739	<u>C10G 11 /-</u>	2018259859	2018273799	<u>C25B 15 /-</u>	
2018273250		2018261075	2018274665		<u>E02F 9 /-</u>
2018273986	2018301466	2018263871	2018290749	2018302755	2018338861
<u>C07K 7 /-</u>	<u>C10L 1 /-</u>	2018265593	2019248635		2018345469
		2018267167		<u>C25B 9 /-</u>	2018345470
2018264739	2018279153	2018269678	<u>C12R 1 /-</u>	2018302755	
<u>C08F 120 /-</u>	<u>C10L 10 /-</u>	2018271872	2018267703		<u>E03F 5 /-</u>
		2018271930	2018410430		
2018279153	2018279153	2018273799		<u>C40B 40 /-</u>	2018273738
<u>C08F 210 /-</u>	<u>C10M 103 /-</u>	2018273979	<u>C13B 20 /-</u>	2018266091	
		2018273986	2018273522		<u>E04B 1 /-</u>
2018280145	<u>C10M 107 /-</u>	2018274709	<u>C13B 50 /-</u>	<u>D06F 25 /-</u>	2018269389
<u>C08F 293 /-</u>		2018281045	2018271558	2017423442	2018278803
	<u>C10M 107 /-</u>	2018285972		<u>D06F 33 /-</u>	<u>E04B 2 /-</u>
2018279153	2018271457	2018292438	<u>C22B 21 /-</u>	2018257685	2018322502
	2018271457	2018303164	2018278685	<u>D06F 39 /-</u>	<u>E04B 9 /-</u>
<u>C08G 63 /-</u>	<u>C10M 125 /-</u>	<u>C12N 5 /-</u>	<u>C22B 60 /-</u>	2018257685	2017417514
		2017415310	2018275187		2017417515
2018258841	2018271457	2018258045	<u>C22B 9 /-</u>	<u>D06F 58 /-</u>	2017417516
<u>C08J 3 /-</u>	<u>C10M 145 /-</u>	2018258046	2018278685	2017423442	<u>E04F 11 /-</u>
		2018262698		<u>D21F 1 /-</u>	2018269389
2018278528	2018271457	2018264321	<u>C22C 18 /-</u>	2018329751	<u>E04F 19 /-</u>
<u>C08K 3 /-</u>	<u>C10M 149 /-</u>	2018265593	2017416292		2017417514
		2018267167	<u>C22C 21 /-</u>	2018275757	2017417515
2018278528	2018271457	2018270408	2018274826		2017417516
<u>C08L 101 /-</u>	<u>C10N 10 /-</u>	2018276376	<u>C22C 37 /-</u>	<u>D21H 25 /-</u>	<u>E04G 17 /-</u>
		2018279738	2018284084	2018275757	2018322502
2018278528	2018271457	2018281045	<u>C22C 38 /-</u>	<u>D21H 27 /-</u>	<u>E04H 4 /-</u>
	<u>C10N 30 /-</u>	2018285579	2017416292	2018275757	2018302755
<u>C09C 1 /-</u>	2018271457	2018292438	<u>C22C 21 /-</u>	<u>E01B 27 /-</u>	<u>E04H 9 /-</u>
	<u>C10N 40 /-</u>	<u>C12N 7 /-</u>	2018274826	2018275735	2018269389
2018293774	2018271457	2018261637	<u>C22C 37 /-</u>	<u>D21H 25 /-</u>	<u>E05B 15 /-</u>
<u>C09D 1 /-</u>	<u>C10N 40 /-</u>	2018273799	2018284084	2018272869	2018285624
	2018271457	<u>C12N 9 /-</u>	<u>C22C 38 /-</u>		
2018278803		2018273979	2017416292		
<u>C09D 11 /-</u>	<u>C10N 50 /-</u>	2018273986	2018274826		
		2018277822	2018284084	<u>E01B 29 /-</u>	
2018293774	2018271457	2018278315	<u>C23C 2 /-</u>		
<u>C09D 5 /-</u>	<u>C11D 11 /-</u>	2018293281	2017416292		
		<u>C12P 13 /-</u>	2018274826		
2018278803	2018289553				
	2018289560	2018293281			

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<u>E05B 47 /-</u>	<u>E21D 11 /-</u>	<u>F16B 35 /-</u>	<u>F24F 11 /-</u>	<u>F41G 7 /-</u>	<u>G01N 21 /-</u>
2018278345	2018265269	2018299788	2018276600	2018273014	2018260716
	<u>E21D 3 /-</u>	<u>F16K 15 /-</u>	<u>F24F 13 /-</u>	<u>F41G 9 /-</u>	2018265567
<u>E05B 5 /-</u>	2018271218	2018273326	2018271441	2018273014	2018274521
2018285624			2018271442		<u>G01N 23 /-</u>
	<u>F01D 1 /-</u>	<u>F16K 31 /-</u>	2018271456	<u>F41H 1 /-</u>	2018271863
<u>E05B 9 /-</u>	2018262592	2018273326	2018272237	2018263385	
2018285624			<u>F24F 5 /-</u>	<u>F42B 10 /-</u>	<u>G01N 27 /-</u>
	<u>F01D 5 /-</u>	<u>F16L 1 /-</u>	2018341864	2018286744	2018295206
<u>E05C 1 /-</u>	2018262592	2018273178			<u>G01N 31 /-</u>
2018285624			<u>F25C 1 /-</u>	<u>F42B 3 /-</u>	2018274521
	<u>F02K 3 /-</u>	<u>F16L 15 /-</u>	2018271198	2018263083	<u>G01N 33 /-</u>
<u>E05C 19 /-</u>	2018262592	2018271457		2018286744	
2018285624			<u>F25C 5 /-</u>		
	<u>F03D 1 /-</u>	<u>F16L 55 /-</u>	2018271198	<u>F42C 7 /-</u>	2018258049
<u>E05C 5 /-</u>	2018274608	2018274715		2018286744	2018258250
2018285624			<u>F25D 11 /-</u>		2018260716
	<u>F03D 13 /-</u>	<u>F16M 11 /-</u>	2018280465	<u>F42D 1 /-</u>	2018261622
<u>E05D 5 /-</u>	2018274608	2018292136		2018264321	2018265593
2017417516			<u>F25D 21 /-</u>	2018263083	2018273791
	<u>F03D 5 /-</u>	<u>F17C 13 /-</u>	2017423650	<u>F42D 3 /-</u>	2018273799
<u>E05F 15 /-</u>	2018273471	2017420127		2018274704	2018275891
2018316466	2018273472		<u>F25D 23 /-</u>	2018271218	2018282038
	<u>F03D 7 /-</u>	<u>F17D 5 /-</u>	2018271198	<u>G01B 11 /-</u>	<u>G01R 31 /-</u>
<u>E21B 17 /-</u>	2018273471	2018273815		2018287817	2018281928
2018280170	2018273472	<u>F21S 4 /-</u>	2018271198	<u>G01C 17 /-</u>	<u>G01S 7 /-</u>
	2018411224	2018273191		2018273815	2018289218
<u>E21B 34 /-</u>		<u>F21V 21 /-</u>	<u>F25D 29 /-</u>	<u>G01C 19 /-</u>	<u>G01V 1 /-</u>
2018261519	<u>F03D 80 /-</u>	2018273191	2017423650	2018264892	2018297693
	2018407116			<u>G01C 21 /-</u>	<u>G01V 8 /-</u>
<u>E21B 41 /-</u>		<u>F21W 121 /-</u>	<u>F25J 1 /-</u>	2018385106	2018260716
2018269598	<u>F04B 11 /-</u>	2018273191		<u>G01C 7 /-</u>	<u>G02B 1 /-</u>
2018319552	2018255493		<u>F26B 3 /-</u>	2018273815	2017421651
	<u>F04B 41 /-</u>	<u>F22B 35 /-</u>	2018264606	<u>G01C 9 /-</u>	<u>G02B 23 /-</u>
<u>E21B 43 /-</u>	2018290694	2018270018		2018287817	2017412307
2018261519			<u>F28C 1 /-</u>	<u>G01F 1 /-</u>	<u>G02B 6 /-</u>
2018273178	<u>F04D 1 /-</u>	<u>F23C 99 /-</u>	2018341864	2017418298	2017416031
2018290694	2018265129	2018276170		<u>G01F 15 /-</u>	<u>G02C 7 /-</u>
2018297637		<u>F23G 7 /-</u>	<u>F28D 1 /-</u>	2017418298	2018273199
2018319552	<u>F04D 29 /-</u>	2018276170	2018256760	<u>G01F 25 /-</u>	2018278193
2018412370	2018265129			2017418298	<u>G05B 17 /-</u>
<u>E21B 44 /-</u>		<u>F24C 7 /-</u>	<u>F28D 20 /-</u>	<u>G01J 3 /-</u>	2018270450
2018269598	<u>F15B 21 /-</u>	2018269653	2018276134		<u>G05B 19 /-</u>
2018270450	2018255493			<u>G01F 3 /-</u>	2018269598
		<u>F24D 11 /-</u>	<u>F28F 1 /-</u>	2018265567	2018288650
<u>E21B 47 /-</u>	<u>F15D 1 /-</u>	2018276096	2018272093	<u>G01N 1 /-</u>	
2018270450	2018255493			2018286823	
2018287817		<u>F24F 1 /-</u>	<u>F28F 9 /-</u>		
2018290694	<u>F16B 12 /-</u>	2018271441	2018256760		
	2018276083	2018271442		<u>G01J 3 /-</u>	
<u>E21B 7 /-</u>		2018271456	<u>F41G 3 /-</u>		
2018270450	<u>F16B 21 /-</u>	2018272237	2018289218		
2018412370	2018276083				
<u>E21D 1 /-</u>					
2018271218					

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<u>G05B 23 /-</u>	<u>G06Q 10 /-</u>	<u>G10L 15 /-</u>	<u>H01Q 1 /-</u>	<u>H04L 1 /-</u>	<u>H04W 52 /-</u>
2018288650	2018259150	2018277650	2018259157	2017422168	2017416807
<u>G05D 1 /-</u>	2018259157		2018289218	2018263906	2018276386
2018338861	2018262455	<u>G10L 25 /-</u>	<u>H02G 15 /-</u>	<u>H04L 12 /-</u>	<u>H04W 64 /-</u>
2018345470	2018273794	2018277650	2017416031	2018260459	2018281967
<u>G05D 21 /-</u>	2018273896	<u>G16B 20 /-</u>	<u>H02G 3 /-</u>	2018290375	<u>H04W 72 /-</u>
2018275646	<u>G06Q 20 /-</u>	2018288772	<u>H02J 3 /-</u>	<u>H04L 29 /-</u>	2017411184
<u>G05F 1 /-</u>	2018271863	2018289385	2018274090	2017416533	2017414430
2018276600	2018274157	2018367488	<u>H02K 3 /-</u>	2018258656	2017415185
<u>G06F 1 /-</u>	<u>G06Q 40 /-</u>	2018375785	2018258025	2018260459	2017416331
2018357836	2018262455	<u>G16B 25 /-</u>	2018275531	2018266602	2017418411
<u>G06F 16 /-</u>	2018264879	2019205780	2018276600	<u>H04L 5 /-</u>	2017418901
2017415315	<u>G06Q 50 /-</u>	<u>G16B 30 /-</u>	<u>H02J 50 /-</u>	2018263906	2017421722
2018265614	2018274224	2018288772	2018288383	2018341636	2017424406
2018342118	<u>G06T 15 /-</u>	2019205780	<u>H02J 7 /-</u>	<u>H04L 9 /-</u>	2017426168
<u>G06F 21 /-</u>	2017423339	<u>G16B 40 /-</u>	2018275531	2017416533	2017431429
2018256309	2018391746	2018288772	2018357836	2018271863	2018284449
2018273794	<u>G06T 19 /-</u>	2018375214	<u>H02K 3 /-</u>	2018353837	2018341636
2018367363	2018288650	<u>G16B 5 /-</u>	<u>H02M 1 /-</u>	<u>H04M 1 /-</u>	<u>H04W 76 /-</u>
<u>G06F 3 /-</u>	2018391746	2018263871	2018274201	2018357836	2017425780
2017413929	<u>G06T 5 /-</u>	<u>G16H 20 /-</u>	<u>H02M 7 /-</u>	<u>H04M 3 /-</u>	2017430487
2018258475	2017423339	2018304952	2018276600	2018277650	2018417371
2018277650	2018255983	<u>G16H 40 /-</u>	<u>H02N 11 /-</u>	<u>H04N 3 /-</u>	<u>H04W 80 /-</u>
2018288383	<u>G06T 7 /-</u>	2018304952	2018273312	<u>H04N 19 /-</u>	2018284449
2018316466	2018254550	<u>G16H 50 /-</u>	<u>H02S 40 /-</u>	2018295861	<u>H04W 84 /-</u>
<u>G06F 8 /-</u>	2018255983	2018258129	2018276096	<u>H04N 7 /-</u>	2018281967
2018272840	2018259984	<u>H01L 21 /-</u>	<u>H03M 13 /-</u>	2017415611	<u>H05B 6 /-</u>
<u>G06K 7 /-</u>	2018289400	2018335077	2018261974	2018338861	2018269653
2018259157	2018289402	2018354011	<u>H04B 1 /-</u>	<u>H04Q 9 /-</u>	
<u>G06K 9 /-</u>	2019257323	<u>H01L 23 /-</u>	2018276386	<u>H04M 9 /-</u>	
2017423339	<u>G08B 21 /-</u>	<u>H01L 29 /-</u>	<u>H04B 5 /-</u>	<u>H04N 12 /-</u>	
2018254591	2018284433	2018335077	2018259157	2017411592	
2018259150	<u>G08B 27 /-</u>	2018354011	2018288383	2017416533	
2018289400	2017415611	<u>H01L 35 /-</u>	<u>H04B 7 /-</u>	<u>H04W 16 /-</u>	
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2018301015	2018273312	<u>H01M 10 /-</u>	<u>H04J 11 /-</u>	2018281967	
2019257323	<u>G09B 19 /-</u>	2017415649	2017412833	2018284449	
<u>G06N 20 /-</u>	2018258067	2018279808	<u>H04J 13 /-</u>	<u>H04W 24 /-</u>	
2018375214	2018273016	<u>H01M 2 /-</u>	2017412833	2017419026	
<u>G06N 3 /-</u>	<u>G09B 5 /-</u>	<u>H01M 4 /-</u>	<u>H04J 13 /-</u>	2018281967	
2018262327	2018273016	2018293556	2017412833	2018417369	
2018319552	<u>G09G 5 /-</u>			<u>H04W 4 /-</u>	
<u>G06N 99 /-</u>	2018391746			2018274224	
2017413929	<u>G10L 13 /-</u>			2018291850	
2018262455	2018277650				

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 B32B 7/02 (2006.01)
 B32B 9/00 (2006.01)
 B32B 17/06 (2006.01)
 G02B 5/26 (2006.01)
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 A01H 4/00 (2006.01)
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G06Q 10/06 (2012.01)
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F02M 35/10 (2006.01)
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2014203137	CASIO COMPUTER CO., LTD.	2015255003	MBDA UK Limited
2014205441	Shire Human Genetic Therapies, Inc.	2015255199	ITP SA
2014207509	Astute Medical, Inc.	2015255714	Kineta, Inc.
2014208308	The Boeing Company	2015257406	1934612 Ontario Inc.
2014218715	Genzyme Corporation	2015258819	Applied Medical Resources Corporation
2014240990	Google LLC	2015259946	Fisher & Paykel Healthcare Limited
2014257380	Medtronic Xomed, Inc.	2015266609	CiDRA Corporate Services Inc.
2014262247	Circular Commitment Company	2015268103	Hans Kunz GmbH
2014270707	Nomad Bioscience GmbH	2015268105	St Vincent's Hospital Sydney Limited
2014271202	Commonwealth Scientific and Industrial Research Organisation	2015269211	Zeus Industrial Products, Inc.
2014271250	Phytogen Seed Company, LLC	2015269369	CSA Medical, Inc.
2014271251	Phytogen Seed Company, LLC	2015272017	Oren Technologies, LLC
2014271252	Phytogen Seed Company LLC	2015274621	Wettlaufer, E.; Wettlaufer, D.
2014273091	Cellectis; Precision Genome Engineering, Inc.	2015276135	Veolia Water Solutions & Technologies Support
2014274626	Stryker European Holdings I, LLC	2015301498	Interdigital Patent Holdings, Inc.
2014277298	Icon Genetics GmbH	2015303521	Fresenius Medical Care Deutschland GmbH
2014282839	Chemical & Biopharmaceutical Laboratories of Patras S.A.	2015305615	Huntleigh Technology Limited
2014294900	Anesteo	2015309212	Sandvik Intellectual Property AB
2014307232	Samsung Electronics Co., Ltd.	2015311069	Electrolux Appliances Aktiebolag
2014315110	Adare Pharmaceuticals, Inc.	2015314257	Gro-Group International Ltd
2014318580	Ionis Pharmaceuticals, Inc.	2015315174	Epizyme, Inc.
2014322996	Société des Produits Nestlé S.A.	2015315398	Wendelburg, K.
2014330136	Bitdefender IPR Management Ltd	2015315834	Boehringer Ingelheim International GmbH
2014337263	Outlook Therapeutics, Inc.	2015317840	ExploraMed NC7, Inc.
2014350302	Mars Incorporated	2015318276	Durez Corporation
2014351815	Amarna Holding B.V.	2015324610	PayPal, Inc.
2014360760	Aaron Diamond AIDS Research Center	2015330966	Commonwealth Scientific and Industrial Research Organisation
2014363444	ScrapeTec GmbH	2015332192	Meditech Endoscopy Ltd
2014364999	Boehringer Ingelheim Vetmedica GmbH	2015333576	Conveyor Manufacturers Australia Pty Ltd
2014369510	Immodulon Therapeutics Limited	2015342444	Jiangsu Hengrui Medicine Co., Ltd.
2014369999	argenx BVBA; The Board of Regents of the University of Texas System	2015342868	Covidien LP
2014373757	Atreca, Inc.	2015342917	CommScope Technologies LLC
2014375141	Virbac SA	2015343151	Klean Kanteen, Inc.
2014375216	PGS Geophysical AS	2015346153	Boston Scientific Scimed, Inc.
2014377545	Avigilon Corporation	2015348364	DI Dekodur International GmbH & Co. KG
2014388213	Hangzhou Great Star Industrial Co., Ltd.; Hangzhou Great Star Tools Co., Ltd.	2015348894	Sulzer Management AG
2014398609	Klostermann, H.	2015349771	Cytec Industries Inc.
2014405865	CYTO365 AB	2015363779	Koninklijke Douwe Egberts B.V.
2015200929	S&S Medical Products, LLC	2015365465	GenKyoTex Suisse SA
2015203505	FPT Motorenforschung AG	2015365740	Saint Jean Industries
2015206515	The United States of America, as represented by The Secretary, Department of Health and Human Services	2015366401	Société des Produits Nestlé S.A.
2015211382	Aseco, Inc.	2015373564	Dentsply IH AB
2015222913	Incyte Corporation	2015374133	Tofco Industries, Inc.
2015223908	Nippon Zoki Pharmaceutical Co., Ltd.	2015374236	Dish Technologies L.L.C.
2015225718	Cook Regentec LLC	2015386652	Durfee, E.L.
2015227089	Unger, E.	2015387138	AVK Holding A/S
2015228507	Fisher & Paykel Healthcare Limited	2015418786	Huawei Technologies Co., Ltd.
2015228785	W. L. Gore & Associates, Inc.	2016200231	Biosense Webster (Israel) Ltd.
2015230052	Veritide Limited	2016200338	Covidien LP
2015231057	Nasal Medical Ltd	2016201817	Caterpillar Inc.
2015231286	Translational Research Institute Pty Ltd	2016202821	AMSTED Rail Company, Inc.
2015236125	Baxalta Incorporated; Baxalta GmbH	2016205306	ConocoPhillips Company; University of Kansas
2015236204	SunPower Corporation	2016208152	Cayago GmbH
2015241020	Cepheid	2016210159	Kyoyu Agri Co., Ltd.
2015249131	Sofradim Production	2016211103	Rabhi, V.
2015249199	Redekop, J.	2016211107	Rabhi, V.
2015250044	Casper Sleep Inc.	2016211687	Becton, Dickinson and Company
2015251071	Eggciting Products B.V.	2016212232	Fresenius Kabi Deutschland GmbH
2015252336	Beiersdorf AG	2016215570	Laitram, L.L.C.
2015253158	Geron Corporation	2016217536	Saipem S.p.A.
		2016219120	Excel Industries, Inc.
		2016219786	Tetra Laval Holdings & Finance S.A.
		2016221561	Rabhi, V.
		2016224136	Liquitab Systems Limited

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2016224710	LINTEC Corporation; LINTEC of America, Inc.	2017266398	British American Tobacco (Investments) Limited
2016224869	Versailles B.V.	2017267663	CSA Medical, Inc.
2016225051	Covidien LP	2017268035	Commonwealth Steel Company Pty Ltd
2016225385	Yoshino Gypsum Co., Ltd.	2017268656	Mesoblast International Sarl
2016229994	Cold Jet, LLC	2017270402	Canon Kabushiki Kaisha
2016233641	United States Gypsum Company	2017276281	MAKO Surgical Corp.
2016236912	Fries4All B.V.	2017276300	Flowpro Well Technology, A.S.
2016240875	Nippon Paper Industries Co., Ltd.	2017279567	Kimberly-Clark Worldwide, Inc.
2016254422	Andritz Oy	2017279729	Visa International Service Association
2016254855	Research Institute of Industrial Science & Technology	2017279737	Taxiprop Pty Ltd
2016256474	Mist Systems, Inc.	2017279833	Komatsu Ltd.
2016265734	Hozelock Limited	2017286413	Boston Scientific Neuromodulation Corporation
2016270297	The Board of Trustees of the Leland Stanford Junior University; National Yang-Ming University	2017288960	Carlsberg A/S
2016273154	Panasonic Intellectual Property Management Co., Ltd.	2017292237	Yamaha Motor Power Products Kabushiki Kaisha
2016276687	Qualcomm Incorporated	2017294718	Sony Corporation
2016276974	Parabel Ltd.	2017306576	Lithium Australia NL
2016283264	AGC Inc.	2017312712	Aerie Pharmaceuticals, Inc.
2016285014	AAF Ltd	2017313215	Gemalto SA
2016287726	NEC Corporation of America	2017315306	X Development LLC
2016299451	Piech, G.	2017315674	Elekta, Inc.
2016306698	Kentan Pty Ltd	2017317084	Motorola Solutions, Inc.
2016312678	Emulate, Inc.	2017317554	Fraunhofer-Gesellschaft zur Förderung der Angewandten Forschung e.V.
2016316853	Freedom Solutions Group, LLC	2017321176	Qualcomm Incorporated
2016317523	Nippon Suisan Kaisha, Ltd.	2017325629	Yuncheng Qinghai Science & Technology Co., Ltd
2016317524	Nippon Suisan Kaisha, Ltd.	2017330208	Apple Inc.
2016329670	Osaka University	2017336561	Novelis Inc.
2016336312	The Yokohama Rubber Co., Ltd.	2017337208	Siemens Aktiengesellschaft
2016336584	LG Electronics Inc.	2017338254	Zhang, Y.
2016342216	Société des Produits Nestlé S.A.	2017341162	BOE Technology Group Co., Ltd.; Hefei BOE Optoelectronics Technology Co., Ltd.
2016347764	Konecranes Global Corporation	2017341380	Shell Internationale Research Maatschappij B.V.
2016350690	Intercept Pharmaceuticals, Inc.	2017342719	Roadtec, Inc.
2016358214	Garzon, M.; Garzon, L.	2017345135	Dexcom, Inc.
2016366836	Compagnie Generale des Etablissements Michelin	2017356900	Bechtel Hydrocarbon Technology Solutions, Inc.
2016367178	Fluid Handling LLC	2017360116	Warneford Healthcare Limited
2016372793	ESAB AB	2017372351	Nanoscope Technologies LLC
2016375020	OVONDO GmbH	2017376794	Battelle Memorial Institute
2016375054	Daikin Industries, Ltd.	2017390194	Uber Technologies, Inc.
2016390488	Tianjin International Joint Academy of Biotechnology & Medicine; Accendatech	2017394369	BOE Technology Group Co., Ltd.
2016394257	Micro Motion, Inc.	2017402485	China University of Mining and Technology
2016398068	Huawei Technologies Co., Ltd.	2017407322	Yunteks Tekstil Sanayi Ve Ticaret Limited Şirketi
2016423486	Beijing Didi Infinity Technology and Development Co., Ltd.	2018200334	Delta T, LLC
2016423951	HighChem Technology Co., Ltd	2018200526	Honda Motor Co., Ltd.
2017203152	Philip Morris Products S.A.	2018200587	The Board of Trustees of the Leland Stanford Junior University
2017210349	Titan Medical Inc.	2018200652	Vestaron Corporation
2017213527	No Self S.R.L.	2018200767	Shenzhen ZhiZong SiHai Technology Co., Ltd.
2017213854	MED-EL Elektromedizinische Geraete GmbH	2018201167	Xyleco, Inc.
2017214484	Nexus TDR, Inc.	2018201179	The Regents of the University of California
2017219254	Novartis AG	2018202100	Weatherford U.K. Limited
2017225952	Bridgestone Corporation	2018202104	SeedMaster Manufacturing Ltd.
2017225959	Briggs & Stratton Corporation	2018202243	CASIO COMPUTER CO., LTD.
2017226381	Sumitomo Metal Mining Co., Ltd.	2018202260	Novartis AG
2017226383	Bridgestone Corporation	2018202271	The General Hospital Corporation
2017227455	JFE Steel Corporation	2018202282	Brook-Chrispin, S.
2017228579	GENOMIC HEALTH, INC.; NSABP Foundation, Inc.	2018202459	Agrigenetics, Inc.
2017232188	Cocks, G.; Milijasevic, Z.; Roubin, G.; Dick, R.; White, K.	2018202460	Agrigenetics, Inc.
2017235941	Canon Kabushiki Kaisha	2018202625	Incyte Holdings Corporation
2017235980	NuVasive, Inc.	2018202647	Seminis Vegetable Seeds, Inc.
2017235989	BRACCO DIAGNOSTICS INC.	2018202728	MTD Products Inc.
2017242330	Inventio AG	2018202875	Egis Gyógyszergyár Zrt.
2017247104	Akonia Holographics, LLC.	2018202885	The Bowden Group
2017249317	Altopa, Inc.	2018202886	Halliburton Energy Services, Inc.
2017258072	CSA Medical, Inc.	2018203165	Apple Inc.
2017260467	Graphic Packaging International, LLC	2018203240	Cardioxyl Pharmaceuticals, Inc.
2017261452	Glory Ltd.	2018203387	Anglo American Services (UK) Ltd
2017261590	Apse, LLC; Summers, N.; Delaney, K.; Arhancet, J.; Hall, K.; Arhancet, J.	2018203397	Joh. Friedrich Behrens AG
2017262924	Hubei China Tobacco Industry Co., Ltd.	2018203416	W. L. Gore & Associates, Inc.
2017263225	The Viking Corporation	2018203804	Corning Optical Communications LLC
		2018203815	Trophogen Inc.
		2018203964	Depuy Mitek, LLC

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2018204130 Implantica Patent Ltd
2018204383 Sasakura Engineering Co., Ltd.
2018204425 AMO Groningen B.V.
2018204631 Covidien LP
2018211302 Hayward Industries, Inc
2018213168 4C Medical Technologies, Inc.
2018214008 Intrinsic Lifesciences LLC
2018214078 Miles, S.
2018217182 Bruin Biometrics, LLC
2018217340 TVA Medical, Inc.
2018218259 MED-EL Elektromedizinische Geraete GmbH
2018223054 Hollister Incorporated
2018226510 FERNO-WASHINGTON, INC.
2018229467 Wright Medical Technology, Inc.
2018229534 USG Boral Building Products Pty Limited
2018232958 CareFusion 303, Inc.
2018233008 Techway Industrial Co., Ltd.
2018241082 Samsung Heavy Ind. Co., Ltd.
2018241174 Colgate-Palmolive Company; Omron Healthcare Co., Ltd.
2018245701 The Yokohama Rubber Co., Ltd.
2018245702 The Yokohama Rubber Co., Ltd.
2018247285 Wright Medical Technology, Inc.
2018250461 Zhang, Y.X.
2018253534 Kabushiki Kaisha Toshiba; Toshiba Infrastructure Systems & Solutions Corporation
2018260852 ANTONY, B.
2018264061 Boehringer Ingelheim Vetmedica GmbH
2018267607 ETHICON ENDO-SURGERY, INC.
2018267617 AqueSys, Inc.
2018270746 Apple Inc.
2018271352 LG Electronics Inc.
2018271404 LANDA LABS (2012) LTD
2018274988 Moonlite World Inc.
2018275007 Qualcomm Incorporated
2018282356 Joy Global Underground Mining LLC
2018286584 Kistler Holding AG
2018290906 O&M Halyard International Unlimited Company
2018301224 Raytheon Company
2018319216 Jing Jin Environmental Protection Inc.
2018329935 ICP Adhesives and Sealants, Inc.
2018367882 Sedic, F.
2019200195 Colgate-Palmolive Company; Omron Healthcare Co., Ltd
2019200282 Valeritas, Inc.
2019201774 British American Tobacco (Investments) Limited
2019202183 Ductmate Industries, Inc.
2019203079 King Technology; Freeberg, P.; Schomberg, K.; Guy, D.; Goeman, T.; King, J.; Johnson, J.
2019229368 Citibank, N.A.
2019246933 ViaSat, Inc.

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2018202728	2017213527	<u>A24D 1 /-</u>	2018217340	2017232188	<u>A61K 36 /-</u>
<u>A01B 63 /-</u>	<u>A01N 63 /-</u>	2017266398	2018229467	2018203416	2014322996
2015249199	2017213527	<u>A24F 47 /-</u>	2018247285	2018203964	2014375141
<u>A01C 7 /-</u>	<u>A01N 65 /-</u>	2017203152	2018267607	2018204130	2018260852
2018202104	2018200652	<u>A61B 18 /-</u>	2015258819	2018204425	<u>A61K 38 /-</u>
<u>A01D 34 /-</u>	<u>A01P 1 /-</u>	2017262924	2015269369	2018223054	2014369999
2017225959	2017213527	2019201774	2015346153	2018223054	2017372351
<u>A01G 25 /-</u>	<u>A01P 13 /-</u>	<u>A41B 13 /-</u>	2017267663	<u>A61F 5 /-</u>	2018203815
2016265734	2016210159	2015314257	2014271202	2018367882	<u>A61K 39 /-</u>
<u>A01G 29 /-</u>	2017213527	<u>A41D 27 /-</u>	2018204425	<u>A61F 7 /-</u>	2014262247
2017325629	<u>A01P 3 /-</u>	2015200929	<u>A61B 34 /-</u>	<u>A61F 9 /-</u>	2014337263
<u>A01H 4 /-</u>	2017213527	<u>A46B 15 /-</u>	2016200231	2018267617	2014351815
2014271250	<u>A01P 5 /-</u>	2019200195	2017210349	<u>A61G 7 /-</u>	2014360760
2014271252	2017213527	<u>A46B 5 /-</u>	<u>A61B 5 /-</u>	2018226510	2014369510
2018202459	<u>A01P 7 /-</u>	2019200195	2015211382	2018226510	2015206515
2018202460	2017213527	<u>A46B 9 /-</u>	2015228507	<u>A61H 23 /-</u>	2015227089
<u>A01H 5 /-</u>	<u>A23D 9 /-</u>	2019200195	2015231286	2018367882	2015315834
2014271250	2016317523	<u>A47B 7 /-</u>	2015317840	<u>A61H 33 /-</u>	2017219254
2014271251	2016317524	2015305615	2015342868	2015386652	2018202271
2014271252	<u>A23G 1 /-</u>	<u>A47C 27 /-</u>	2017235980	<u>A61J 1 /-</u>	2018214008
2018202459	2016342216	2015250044	2017345135	2016212232	<u>A61K 45 /-</u>
2018202460	<u>A23G 3 /-</u>	<u>A47G 9 /-</u>	2018202243	2017249317	2015222913
2018202647	2016342216	2015314257	2018217182	<u>A61J 3 /-</u>	2016329670
<u>A01J 25 /-</u>	<u>A23G 10 /-</u>	<u>A47J 19 /-</u>	2019200195	2016224136	<u>A61K 47 /-</u>
2016219786	2016342216	2015274621	<u>A61B 50 /-</u>	<u>A61K 31 /-</u>	2013259486
<u>A01K 1 /-</u>	<u>A23K 10 /-</u>	<u>A47J 29 /-</u>	2018290906	2014315110	2014315110
2016276974	2016240875	2015251071	<u>A61B 6 /-</u>	2014322996	2014322996
<u>A01K 43 /-</u>	<u>A23K 20 /-</u>	<u>A47J 31 /-</u>	2018204631	2014364999	<u>A61K 8 /-</u>
2016375020	2016240875	2015363779	2019200195	2015222913	2014375141
<u>A01K 45 /-</u>	<u>A23K 30 /-</u>	2015366401	<u>A61B 8 /-</u>	2015223908	2015252336
2016375020	2016240875	<u>A47K 10 /-</u>	2015342868	2015227089	<u>A61K 9 /-</u>
<u>A01N 25 /-</u>	<u>A23K 50 /-</u>	2017279567	2017276281	2015228785	2015253158
2018250461	2016240875	<u>A61B 1 /-</u>	<u>A61C 1 /-</u>	2015228785	2015253158
<u>A01N 35 /-</u>	<u>A23L 19 /-</u>	2015332192	2014257380	2015255714	2015223908
2018250461	2016236912	2015346153	<u>A61C 17 /-</u>	2015315174	2015227089
<u>A01N 43 /-</u>	<u>A23L 29 /-</u>	2016225051	2018241174	2015342444	2017360116
2015315174	2016236912	2017258072	<u>A61D 7 /-</u>	2015365465	2018201179
<u>A01N 47 /-</u>	<u>A23P 20 /-</u>	2018204631	2014294900	2016317523	2018202875
2016210159	2016236912	<u>A61B 17 /-</u>	2018264061	2016317524	2018218259
		2014257380	<u>A61F 11 /-</u>	2016329670	<u>A61L 2 /-</u>
		2016200338	2017213854	2016350690	2018290906
			<u>A61F 2 /-</u>	2016390488	<u>A61L 27 /-</u>
			2014274626	2017312712	2018203416
			2015249131	2017360116	<u>A61L 28 /-</u>
			2015315398	2018201179	2018223054
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2017203152	2015365465	2016317524		B22F 1 /-	B32B 17 /-
A61M 1 /-	A61P 17 /-	A61P 9 /-	2016224136	2017226381	2016283264
2015268105	2014375141	2015365465	B01F 3 /-		
2015303521	2015365465	2016317523	2016224136	B22F 9 /-	B32B 19 /-
2015317840	2017268656	2016317524	B01F 5 /-	2017226381	2015348364
	2018202271	2018203240		B23B 31 /-	B32B 25 /-
A61M 13 /-	A61P 19 /-	A61Q 17 /-	2019203079	2014257380	2017225952
2015259946	2015342444	2015252336	B01J 19 /-	2016254855	2017226383
	2015365465		2014398609	B23B 51 /-	
A61M 15 /-	A61P 25 /-	A61Q 19 /-	2016254855	2014257380	B32B 27 /-
2018264061	2015365465	2014375141	B01J 21 /-		2016224710
A61M 16 /-	2016317523	A61Q 5 /-	2016254422	B23K 9 /-	2017225952
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2015228507	A61P 27 /-	A62C 31 /-	B01J 32 /-	B23P 11 /-	2015348364
	2017360116	2017263225	2016423951	2019202183	2016233641
A61M 25 /-	2017372351	A63B 5 /-	B01J 35 /-	B24C 1 /-	B32B 5 /-
2015228785		2018286584	2016423951	2016229994	2015266609
2015236125	A61P 29 /-	A63B 69 /-	B01J 38 /-	B24C 7 /-	2015348364
2015269211	2015342444	2018286584	2016254422	2016229994	2016233641
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A61M 29 /-	2016317524	2018286584	2016225385	B25B 21 /-	2016283264
2015231057	2017268656		B01L 3 /-	2018233008	2017226383
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2015228785	2014364999	2015257406	2016312678	2018233008	2016283264
	2015365465	B01D 25 /-	B02C 19 /-	B25J 9 /-	B41J 2 /-
A61M 39 /-	2016317523	2018319216	2016224136	2017315306	2018271404
2014405865	2016317524	B01D 27 /-	B02C 23 /-	B27F 7 /-	B41J 3 /-
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A61M 5 /-	2014360760	B01D 35 /-	B02C 25 /-	B28B 23 /-	B42D 5 /-
2015211382	2014375141	2018200526	2016224136	2016233641	2014350302
2015225718	2015255714	B01D 36 /-	B03D 1 /-	B29C 45 /-	B60B 21 /-
2015236125	A61P 35 /-	2015257406	2015266609	2016215570	2015365740
2016211687	2013259486	B01D 43 /-	B05B 1 /-	B29C 73 /-	B60B 3 /-
2016224869	2014262247	2015266609	2017263225	2018200767	B60C 11 /-
2017235989	2014369510	B01D 46 /-	B09B 3 /-	B29D 29 /-	2016336312
2019200282	2015222913	2015203505	2016225385	2016215570	2018245701
A61N 1 /-	2015227089	2018290906	B21B 1 /-	B30B 9 /-	2018245702
2017235980	2015365465	B01D 9 /-	2018201167	2015274621	B60C 9 /-
2017286413	2016317523	2018204383	B21C 47 /-	B32B 13 /-	2016336312
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2018367882	A61P 37 /-				
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2014322996	2016317524				
2016390488	2016329670				
2017268656	2017268656				
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<u>B60P 1 /-</u>	<u>B65D 33 /-</u>	<u>B65G 53 /-</u>	<u>C06B 27 /-</u>	<u>C07J 31 /-</u>	<u>C12M 3 /-</u>
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2018214078	2015343151	2019202183	2015255003	2016350690	2014262247 2014270707 2014277298 2014373757 2015253158 2016270297 2017228579 2017261590 2017288960 2018200652 2018203815
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2018214078	2017260467	2017261452	2017312712	2014205441 2014282839	
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2016219120	2018202282	2017261452	2018203240	2014262247 2014270707 2017372351 2018200652 2018203815	
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<u>B61F 5 /-</u>	<u>B65D 81 /-</u>	<u>C01B 17 /-</u>	<u>C07D 277 /-</u>		
2016202821	2018202885	2016254422	2015255714	<u>C07K 19 /-</u>	<u>C12P 21 /-</u>
<u>B62D 25 /-</u>	<u>B65D 83 /-</u>	<u>C01D 15 /-</u>	<u>C07D 307 /-</u>	2014262247	2018200587
2017292237	2015332192	2016254855	2018203240	<u>C08J 9 /-</u>	<u>C12Q 1 /-</u>
<u>B62D 35 /-</u>	<u>B65D 85 /-</u>	<u>C01F 11 /-</u>	<u>C07D 333 /-</u>	2018329935	2014373757 2015230052 2015241020 2017228579 2018202260
2016366836	2019202183	2016225385	2017312712	<u>C08K 3 /-</u>	
<u>B62D 51 /-</u>	<u>B65G 1 /-</u>	<u>C02F 1 /-</u>	<u>C07D 417 /-</u>	2017225952 2017226383	<u>C21D 1 /-</u>
2018202728	2017315306	2015266609 2015276135 2018204383 2019203079	2015365465	<u>C08K 5 /-</u>	2017268035
<u>B63B 27 /-</u>	<u>B65G 15 /-</u>	<u>C03C 17 /-</u>	<u>C07D 471 /-</u>	2015349771	<u>C21D 5 /-</u>
2017341380	2015333576 2016215570 2017225952 2017226383	2016283264	2016210159	<u>C08L 7 /-</u>	2017268035
<u>B63H 11 /-</u>	<u>B65G 17 /-</u>	<u>C03C 23 /-</u>	<u>C07D 487 /-</u>	2017226383	<u>C21D 6 /-</u>
2016208152	2016215570	2018200767	2015342444 2016210159 2018202625	<u>C08L 9 /-</u>	2017268035
<u>B63H 21 /-</u>	<u>B65G 21 /-</u>	<u>C04B 11 /-</u>	<u>C07F 5 /-</u>	2017225952 2017226383	<u>C21D 9 /-</u>
2016208152	2015333576	2016225385	2018202625	<u>C09K 8 /-</u>	2017227455
<u>B63H 23 /-</u>	<u>B65G 29 /-</u>	<u>C04B 111 /-</u>	<u>C07F 7 /-</u>	2015318276 2016205306	<u>C22B 26 /-</u>
2016208152	2015333576	2016233641	2018202625		2017306576
<u>B65B 7 /-</u>	<u>B65G 39 /-</u>				
2017260467	2015333576				

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2017306576	2018241082	2016285014	<u>F16K 11 /-</u>	2018253534	2018203804
2018203387	<u>E04B 1 /-</u>	<u>F02F 7 /-</u>	2014405865	<u>G01C 7 /-</u>	<u>G02C 7 /-</u>
<u>C22C 38 /-</u>	2015348364	2017225959	<u>F16K 3 /-</u>	2018282356	2018204425
2017227455	<u>E04C 2 /-</u>	<u>F02G 1 /-</u>	2015387138	<u>G01C 9 /-</u>	<u>G02F 1 /-</u>
<u>C22F 1 /-</u>	2016233641	2016211107	<u>F16K 31 /-</u>	2014388213	2017247104
2017336561	<u>E04F 13 /-</u>	<u>F02M 35 /-</u>	2015387138	<u>G01F 1 /-</u>	<u>G03B 21 /-</u>
<u>C23C 12 /-</u>	2018229534	2017292237	<u>F16L 1 /-</u>	2016394257	2018274988
2017268035	<u>E04H 1 /-</u>	<u>F03C 1 /-</u>	2016217536	<u>G01J 3 /-</u>	<u>G03G 21 /-</u>
<u>C23C 8 /-</u>	2015386652	2016221561	<u>F16L 23 /-</u>	2015230052	2017235941
2017268035	<u>E04H 4 /-</u>	<u>F04B 1 /-</u>	2016217536	<u>G01L 1 /-</u>	<u>G05D 1 /-</u>
<u>C25B 1 /-</u>	2018211302	2016221561	2019202183	2018286584	2017279833
2017337208	2018286584	<u>F04B 17 /-</u>	<u>F16L 53 /-</u>	<u>G01L 5 /-</u>	<u>G06F 1 /-</u>
2019203079	2019203079	2017225959	2015255199	2017317084	2018301224
<u>C25B 15 /-</u>	<u>E21B 10 /-</u>	<u>F04B 39 /-</u>	<u>F24C 15 /-</u>	<u>G01N 21 /-</u>	<u>G06F 11 /-</u>
2017337208	2015309212	2016211103	2015311069	2015230052	2014208308
<u>C25B 3 /-</u>	<u>E21B 33 /-</u>	2017225959	<u>F24C 7 /-</u>	<u>G01N 23 /-</u>	<u>G06F 12 /-</u>
2017337208	2018202100	<u>F04B 53 /-</u>	2015311069	2017376794	2014377545
<u>C25B 9 /-</u>	<u>E21B 34 /-</u>	2016211103	<u>F24D 5 /-</u>	<u>G01N 33 /-</u>	<u>G06F 16 /-</u>
2017337208	2017276300	<u>F04D 25 /-</u>	2016375054	2014207509	2015418786
<u>C40B 30 /-</u>	2018202886	2018200334	<u>F24F 13 /-</u>	2016270297	<u>G06F 17 /-</u>
2014207509	<u>E21B 43 /-</u>	<u>F04D 27 /-</u>	2019202183	2016312678	2014203137
<u>C40B 60 /-</u>	2015272017	2018200334	<u>F24H 1 /-</u>	2016375020	2014208308
2014207509	2017276300	<u>F04D 29 /-</u>	2016375054	2017376794	2016316853
<u>D02G 3 /-</u>	<u>E21B 49 /-</u>	2016367178	<u>F25B 1 /-</u>	2018329935	2016423486
2017407322	2017402485	<u>F16C 29 /-</u>	2017356900	<u>G01R 33 /-</u>	2017330208
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2017407322	2018282356	<u>F16C 33 /-</u>	2017356900	<u>G01S 1 /-</u>	2014330136
<u>D06F 37 /-</u>	<u>E21C 35 /-</u>	2015348894	<u>F25D 31 /-</u>	2016256474	<u>G06F 3 /-</u>
2016336584	2018282356	<u>F16G 1 /-</u>	2015269369	<u>G01S 5 /-</u>	2014240990
2018271352	<u>E21C 41 /-</u>	2017226383	<u>F25J 1 /-</u>	2015330966	2014307232
<u>D06F 39 /-</u>	2018282356	<u>F16H 39 /-</u>	2017356900	2016256474	2015418786
2016336584	<u>E21D 21 /-</u>	2016221561	<u>F26B 3 /-</u>	<u>G01V 1 /-</u>	2016375054
2018271352	2017402485	<u>F16H 61 /-</u>	2016225385	2014375216	2017317084
<u>D21H 27 /-</u>	<u>E21F 13 /-</u>	2016221561	<u>F27B 15 /-</u>	<u>G02B 23 /-</u>	2018270746
2017279567	2015333576	<u>F16J 15 /-</u>	2016225385	2015332192	2019229368
<u>E01C 19 /-</u>	<u>E21F 17 /-</u>	2016211103	<u>F27D 7 /-</u>	2016225051	<u>G06K 7 /-</u>
2017342719	2015333576	<u>F01M 11 /-</u>	2016225385	<u>G02B 27 /-</u>	<u>G06K 9 /-</u>
<u>E02D 3 /-</u>	<u>F01M 11 /-</u>	2016211103	<u>F16J 9 /-</u>	2018204425	2015230052
2016358214	2018200526			<u>G02B 5 /-</u>	2016287726
				2016283264	2018204631
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					2015311069

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<u>G06Q 20 /-</u>	2018211302	<u>H04N 21 /-</u>
2017279729	<u>H01Q 1 /-</u>	2015374236
<u>G06Q 50 /-</u>	2015342917	<u>H04N 5 /-</u>
2015211382	<u>H02B 11 /-</u>	2017270402
<u>G06T 1 /-</u>	2016306698	<u>H04N 7 /-</u>
2016287726	<u>H02J 5 /-</u>	2016201817
<u>G06T 15 /-</u>	2018211302	<u>H04Q 9 /-</u>
2016287726	<u>H02J 7 /-</u>	2015311069
<u>G06T 7 /-</u>	2017286413	<u>H04R 1 /-</u>
2014271202	<u>H02M 3 /-</u>	2018203165
2015254675	2016372793	<u>H04R 25 /-</u>
2017315674	<u>H02P 1 /-</u>	2017213854
2018204631	2018271352	<u>H04W 12 /-</u>
2018253534	<u>H04B 10 /-</u>	2017313215
<u>G07B 13 /-</u>	2019246933	<u>H04W 16 /-</u>
2017279737	<u>H04B 11 /-</u>	2017294718
<u>G08C 17 /-</u>	2017390194	<u>H04W 4 /-</u>
2015311069	<u>H04B 7 /-</u>	2017390194
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2014377545	2017294718	2016398068
2018253534	<u>H04J 11 /-</u>	<u>H04W 64 /-</u>
<u>G09G 3 /-</u>	2016273154	2016256474
2017394369	<u>H04J 99 /-</u>	<u>H04W 72 /-</u>
<u>G10L 21 /-</u>	2016273154	2017294718
2017317554	<u>H04L 12 /-</u>	2018275007
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2015211382	2018232958	2015251071
<u>G16H 40 /-</u>	<u>H04L 27 /-</u>	2017336561
2017249317	2016273154	2019201774
<u>H01H 3 /-</u>	<u>H04L 29 /-</u>	<u>H05K 1 /-</u>
2018286584	2018232958	2017321176
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2018286584	2015301498	
<u>H01L 23 /-</u>	<u>H04L 9 /-</u>	
2017321176	2017313215	
<u>H01L 27 /-</u>	<u>H04N 13 /-</u>	
2017341162	2017270402	
<u>H01L 31 /-</u>	<u>H04N 19 /-</u>	
2015236204	2016276687	
<u>H01P 1 /-</u>		

Certified Innovation Patents**Name Index**

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

(71) Intex Holdings Pty Ltd
(11) AU-B-2019100959
(21) 2019100959 (22) 27.08.2019
(54) Improved Component of a Modular Building
(51) Int. Cl.
E04B 1/343 (2006.01)
E04B 1/348 (2006.01)
E04H 1/00 (2006.01)
(45) 12.12.2019
(72) Davies, Roger
(74) LESICAR MAYNARD ANDREWS PTY LTD

(71) Kachirski, B.
(11) AU-B-2019100862
(21) 2019100862 (22) 05.08.2019
(54) Motorised Chair
(51) Int. Cl.
A47C 1/035 (2006.01)
A47C 1/032 (2006.01)
(45) 12.12.2019
(72) Kachirski, Bill
(74) LESICAR MAYNARD ANDREWS PTY LTD

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2019100862 Kachirski, B.
2019100959 Intex Holdings Pty Ltd

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2019100862

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2019100959

Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Withdrawn - Proceed to Grant

2017202542 **The Broad Institute, Inc.; President and Fellows of Harvard College; Massachusetts Institute of Technology** (JH Corporate Services Pty Ltd)

Patents Granted

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2013251191	2013260681	2013305865	2013326980
2013334906	2013338039	2013343203	2013359398
2013360007	2013370175	2013388034	2013403805
2013409200	2014200184	2014200248	2014200878
2014200914	2014201856	2014203634	2014221300
2014226447	2014233803	2014235629	2014238267
2014240260	2014244119	2014248722	2014257392
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2014285115	2014305915	2014308005	2014308735
2014314537	2014317969	2014329687	2014330895
2014332598	2014340083	2014342318	2014342430
2014342788	2014345629	2014346305	2014348469
2014348502	2014348700	2014354852	2014357320
2014357686	2014358700	2014359715	2014360585
2014363244	2014364916	2014367362	2014374325
2014374518	2014374822	2014376810	2014395071
2014395561	2014405615	2014412363	2014414389
2015202171	2015202515	2015203608	2015204426
2015204565	2015205509	2015205574	2015205856
2015207669	2015209627	2015215001	2015216219
2015217098	2015217248	2015218336	2015221427
2015228844	2015229708	2015229732	2015232363
2015233157	2015235852	2015235980	2015238170
2015239924	2015239993	2015240515	2015240519
2015240774	2015247346	2015247400	2015249390
2015249561	2015249674	2015251501	2015255872
2015257496	2015258255	2015259237	2015261833
2015263108	2015265637	2015267390	2015268083
2015268688	2015269359	2015273227	2015274405
2015274511	2015276256	2015276544	2015277264
2015277507	2015280291	2015282422	2015286604
2015289100	2015289462	2015292711	2015294420
2015296210	2015300763	2015303264	2015306645
2015306681	2015306746	2015307177	2015308270
2015313847	2015314413	2015315432	2015318047
2015318272	2015320673	2015322042	2015323425
2015326555	2015326867	2015328360	2015329878
2015330841	2015330925	2015332483	2015332727
2015334997	2015337321	2015337845	2015338670
2015339165	2015339585	2015341110	2015346627
2015348408	2015348417	2015349588	2015350513
2015352203	2015355926	2015358476	2015358899
2015369396	2015376829	2015379728	2015384246
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2016200736	2016201392	2016202916	2016203506
2016207988	2016209040	2016210091	2016211303
2016211823	2016216833	2016220173	2016220527
2016220908	2016222867	2016225310	2016231284
2016232963	2016234911	2016235533	2016237482
2016238301	2016246603	2016247882	2016263079
2016264823	2016269044	2016269849	2016276028
2016277653	2016278522	2016278711	2016281184
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2016312906	2016315661	2016315666	2016318239
2016318280	2016319451	2016320715	2016321171
2016328014	2016330130	2016339357	2016339616
2016340405	2016340898	2016343757	2016343922
2016347908	2016348649	2016353613	2016354859

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2016355427	2016358881	2016359795	2016360842
2016364850	2016368003	2016368257	2016369505
2016370370	2016378200	2016381245	2016382561
2016383826	2016386524	2016386975	2016389530
2016389822	2016392133	2016393480	2016394625
2016399114	2016401396	2016404824	2016408458
2016410613	2016412538	2016413655	2016420909
2017200002	2017200032	2017200549	2017201354
2017202379	2017203027	2017203043	2017203044
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2017203737	2017203805	2017204101	2017204391
2017204456	2017204863	2017206162	2017206222
2017206279	2017206716	2017208399	2017210664
2017212317	2017213514	2017215222	2017216470
2017216556	2017218936	2017221812	2017223154
2017225070	2017228516	2017228628	2017231020
2017231928	2017232109	2017233218	2017234979
2017238589	2017239526	2017239539	2017242089
2017243471	2017246249	2017247105	2017248361
2017248463	2017248735	2017249228	2017250609
2017251669	2017251671	2017251683	2017252704
2017253775	2017254506	2017254800	2017254907
2017254948	2017254983	2017256464	2017257701
2017259758	2017261514	2017261594	2017261601
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2017269856	2017276343	2017277672	2017278274
2017279014	2017279660	2017281775	2017283769
2017295491	2017301441	2017302459	2017310274
2017314600	2017317423	2017333769	2017334989
2017338985	2017350123	2017351140	2017354043
2017355428	2017361887	2017364275	2017366138
2017380096	2017382915	2017382926	2017402092
2018200046	2018200584	2018200730	2018200901
2018200967	2018201042	2018201092	2018201173
2018201246	2018201283	2018201455	2018201566
2018201589	2018201893	2018201931	2018201983
2018202985	2018203067	2018203100	2018203300
2018203340	2018203583	2018203694	2018203717
2018203980	2018204062	2018204259	2018204327
2018204349	2018204351	2018204563	2018204592
2018204713	2018206694	2018206853	2018213978
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2018250412	2018250429	2018253501	2018253576
2018260789	2018264055	2018267561	2018268608
2019200373	2019200595	2019200833	2019204087
2019204810	2019205972		

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2015101969	2015101973	2019100715	2019101074
2019101256	2019101279	2019101287	2019101297
2019101316	2019101319	2019101320	2019101321
2019101322	2019101323	2019101325	2019101326
2019101327	2019101329	2019101330	2019101332
2019101333	2019101334	2019101335	2019101338
2019101341	2019101343	2019101346	2019101347
2019101348	2019101349	2019101361	2019101362
2019101363	2019101365	2019101366	2019101367
2019101369	2019101370	2019101373	2019101375

Assignments Registered

2001035351 Robert Bosch GmbH The patent has been assigned to **SEG Automotive Germany GmbH**

2002218980 Robert Bosch GmbH The patent has been assigned to **SEG Automotive Germany GmbH**

2003287250 BioElectron Technology Corporation The patent has been assigned to **PTC Therapeutics, Inc.**

Assignments Registered

- 2004203872 Fuel Technology Pty Ltd The patent has been assigned to **Cost Effective Maintenance Pty Ltd**
- 2005221727 Roberts, Patricia The patent has been assigned to **MRS PEGGS PRODUCTS PTY LTD**
- 2005240671 Dowie, Leigh The patent has been assigned to **KSTRONG HOLDING UK LIMITED**
- 2008293060 Stratech Systems Limited The patent has been assigned to **Changi Airport Group (Singapore) Pte. Ltd.**
- 2009315897 ABB Technology AG The patent has been assigned to **ABB Schweiz AG**
- 2009355233 Int'l Structure Lock Systems Inc. The patent has been assigned to **Viribus Structural Connectors Inc.**
- 2010286704 BioElectron Technology Corporation The patent has been assigned to **PTC Therapeutics, Inc.**
- 2011202349 Couplemate Trailer Parts Pty Ltd The patent has been assigned to **Couplemate Investments Pty Ltd**
- 2011209158 ABB Technology AG The patent has been assigned to **ABB Schweiz AG**
- 2011257903 Roberts, Patricia The patent has been assigned to **MRS PEGGS PRODUCTS PTY LTD**
- 2011285619 BioElectron Technology Corporation The patent has been assigned to **PTC Therapeutics, Inc.**
- 2012202215 Lotz, Jeffrey The patent has been assigned to **Deep Trekker Inc**
- 2012312066 Luxcath, LLC; The George Washington University The patent has been assigned to **460Medical, Inc.; The George Washington University**
- 2013200130 Chemring Technology Solutions Limited The patent has been assigned to **Roke Manor Research Limited**
- 2014100320 Couplemate Trailer Parts Pty Ltd The patent has been assigned to **Couplemate Investments Pty Ltd**
- 2014222756 EpiTherapeutics ApS The patent has been assigned to **Gilead Sciences, Inc.**
- 2014273043 Nanobiotix The patent has been assigned to **CURADIGM SAS**
- 2014351065 Global Renewable Solutions Pty Ltd The patent has been assigned to **Envirotek Pte Ltd**
- 2014360590 Gray-Owen, Scott; Moraes, Trevor; Schryvers, Anthony The patent has been assigned to **Engineered Antigens Inc.**
- 2015274554 Gilead Sciences, Inc. The patent has been assigned to **Sierra Oncology, Inc.**
- 2016201418 The George Washington University; Luxcath, LLC The patent has been assigned to **The George Washington University; 460Medical, Inc.**
- 2017202182 Couplemate Trailer Parts Pty Ltd The patent has been assigned to **Couplemate Investments Pty Ltd**
- 2017210021 3D Space Sound Solutions Ltd. The patent has been assigned to **Sphereo Sound Ltd.**

Mortgages Registered - Section 187, Reg. 19

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

- 2015261553 FCI Holdings Delaware, Inc. (Wells Fargo Bank, National Association)
- 2017258936 Nemaska Lithium Inc. (OMF Fund II (N) Ltd.)

Corrigenda

In Vol 30 , No 40 , Page(s) 5898 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Altria Client Services LLC, Application No. 2015222843, under INID (72) correct the co-inventor to Cobler, Patrick

In Vol 32 , No 46 , Page(s) 6506 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name BOE Technology Group Co., Ltd. & Hefei BOE Optoelectronics Technology Co., Ltd., Application No. 2017341162, under INID (54) correct the title to read Organic light emitting device, display apparatus, method of controlling color temperature of light emitted from organic light emitting device, and method of fabricating organic light emitting device

In Vol 33 , No 29 , Page(s) 4282 under the heading **Applications Accepted - Name Index** Under the name Kobelco Eco-Solutions Co., Ltd., Application No. 2014245973, under INID (54) correct the title to read Microalgae of the genus Euglena, method for producing polysaccharides, and method for producing organic compound

In Vol 33 , No 3 , Page(s) 507 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Vesuvius Usa Coproration, Application No. 2017308821, under INID (71) correct the applicant name to Vesuvius USA Corporation

In Vol 33 , No 40 , Page(s) 5693 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Shinging 3D Tech Co., Ltd., Application No. 2017400983, under INID (71) correct the applicant name to Shining 3D Tech Co., Ltd.

In Vol 33 , No 45 , Page(s) 6380 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name SCIPIO BIOSCIENCE, Application No. 2018262331, under INID (71) correct the applicant name to Scipio Bioscience.

In Vol 33 , No 45 , Page(s) 6398 under the heading **Applications Accepted - Name Index** Under the name Altria Client Services LLC, Application No. 2015222843, under INID (72) correct the co-inventor to Cobler, Patrick

In Vol 33 , No 46 , Page(s) 0 under the heading **Letters Patent Sealed - Standard Patents** Under the name Kobelco Eco-Solutions Co., Ltd., Application No. 2014245973, under INID (54) correct the title to read Microalgae of the genus Euglena, method for producing polysaccharides, and method for producing organic compound

In Vol 33 , No 46 , Page(s) 6487 under the heading **Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired - 2017** Delete all reference to 2017252582.

In Vol 33 , No 46 , Page(s) 6520 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Bristol-Myers Squibb Company, Application No. 2018272852, under INID (71) correct the applicant name to Bristol-Myers Squibb Company

Corrigenda

In Vol 33 , No 46 , Page(s) 6536 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Orbital ATK, Inc., Application No. 2018252956, under INID (71) correct the applicant name to Northrop Grumman Innovation Systems, Inc.

In Vol 33 , No 46 , Page(s) 6564 under the heading **Applications Accepted - Name Index** Under the name Intuit Inc., Application No. 2017302249, under INID (54) correct the title to read Visual regression testing tool

In Vol 33 , No 47 , Page(s) 6655 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Huawei Technologies Co., Ltd., Application No. 2017413139, Under INID (72) add co-inventor Khripkov, Alexander

Specifications Republished

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

2014201556 **VeriSign, Inc.**
2015321653 **Fosbel, Inc.**
2017202652 **Vanderbilt University**