



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

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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.

AUSTRALIAN OFFICIAL JOURNAL OF PATENTS (Supplement) 24 October 2019
Abstract of Decision

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

Apple Inc. [2019] APO 45

Patent Application: 2016201444

Title: Unified communication application

Patent Applicant: Apple Inc.

Delegate: Isaac Tan

Decision Date: 15 October 2019

Hearing Date: 3 August 2019 by written submissions.

Catchwords: **PATENTS** – section 45 – examiner objection hearing – computer implemented invention – graphical user interface – instant messaging – request to be heard after being remitted to examination following an earlier decision - invention allows communication between different instant messaging services and aggregation of the communication history – claims are novel and inventive under section 18 – prior art appears to described a unified inbox – the scope of examination under regulation 13.4(1)(g) is not restricted – application to proceed to acceptance

Representation: Carl Harrap, Patent Attorney of FPA Patent Attorneys Pty Ltd

Proceedings under the Patents Act 1990

Provisional Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 8 Oct 2019 .

(71) A & C Holdings (WA) Pty Ltd (21) 2019903790 (22) 08.10.2019 (54) Deflection and automatic restoration devices	(71) Aluminium Specialties Group Pty Ltd (21) 2019903784 (22) 08.10.2019 (54) A Mounting Base	(71) BinSense Pty Ltd (21) 2019903856 (22) 14.10.2019 (54) A system and a method for monitoring content of a waste container
(71) ACI Intellectual Holdings Pty Ltd (21) 2019903813 (22) 10.10.2019 (54) LOW COST MODULAR BUILDING SYSTEM	(71) Anantara Lifesciences Limited (21) 2019903822 (22) 11.10.2019 (54) GASTROINTESTINAL HEALTH COMPOSITION	(71) Blair, M.L. (21) 2019903847 (22) 14.10.2019 (54) PROTECTIVE HEADGEAR DEVICE
(71) Advanced Alloy Holdings Pty Ltd (21) 2019903725 (22) 03.10.2019 (54) Copper alloys	Arbolino, R. see Bailey, D. (21) 2019903745	(71) Bluebird Ventures Pty Ltd (21) 2019903655 (22) 29.09.2019 (54) An Online Marketplace for Organising Funerals
(71) Advanced Technology Products Pty Ltd (21) 2019903788 (22) 08.10.2019 (54) Manual pipe flushing system developed by ATP to solve Aspirated Smoke Detection (ASD) systems sampling points from being blocked. The unique fail safe design considers ease of installation whilst remaining straight forward to operate providing minimal training requirements. Its safe operation remains completely sealed and provides safety of the detector and person whilst operating high flow and pressurized air or nitrogen as outlined by standards and codes (AS 1851-2012).	(71) Aristocrat Technologies Australia Pty Limited (21) 2019903852 (22) 14.10.2019 (54) GAMING SYSTEM WITH SYMBOL DRIVEN MYSTERY FEATURE GAME	(71) Blueprint Acoustics Pty Ltd (21) 2019903817 (22) 10.10.2019 (54) Improved Loudspeaker Assembly and System for Vehicles
(71) AFFINITY BIOSCIENCES PTY LTD (21) 2019903726 (22) 03.10.2019 (54) BINDING AGENTS FOR WILMS TUMOR PROTEIN 1 (WT1) PEPTIDE-MHC COMPLEX	(71) Artrya Pty Ltd (21) 2019903754 (22) 04.10.2019 (54) CORONARY ARTERY DISEASE DIAGNOSIS	(71) Boudvillain, P.; Mezenguel, E. (21) 2019903731 (22) 04.10.2019 (54) An improved riding boot
(71) AFFINITY BIOSCIENCES PTY LTD (21) 2019903853 (22) 14.10.2019 (54) BINDING AGENTS FOR WILMS TUMOR PROTEIN 1 (WT1) PEPTIDE-MHC COMPLEX	(71) Bailey, D.; Arbolino, R. (21) 2019903745 (22) 04.10.2019 (54) Hand held food cutter- Rod shaped, specialised for cheese	Brett, J. see Collins, D. (21) 2019903762
(71) BFRE Pty Ltd (21) 2019903713 (22) 02.10.2019 (54) IMPROVEMENTS IN STRUCTURAL STEEL I BEAM DESIGN	(71) Beckman, J. (21) 2019903717 (22) 03.10.2019 (54) Method of securing a urine bag to oneself and a urine bag for use therewith	(71) BROWNE, P. (21) 2019903858 (22) 14.10.2019 (54) A DISPENSER FOR DISPENSING A FLOWABLE SUBSTANCE
	Bell, L. see Macfarlane, P. (21) 2019903819	(71) Calibrations, B. (21) 2019903868 (22) 14.10.2019 (54) Medical linear accelerator calibration phantom
		(71) CARPENTER, B.J. (21) 2019903797 (22) 09.10.2019 (54) SYSTEM FOR PREPARING A DILUTED COMPOSITION

Provisional Applications Filed - Name Index cont'd

(71) Centurion International Imports Pty Ltd
(21) 2019903780 (22) 08.10.2019
(54) IDENTIFICATION SYSTEM

(71) Chiron IP Holdco Pty Ltd
(21) 2019903774 (22) 07.10.2019
(54) Articulated cervical spine protection system

Clark, M. see Salis, A.
(21) 2019903794

Collins, D. see Collins, D.
(21) 2019903762

(71) Collins, D.; Collins, D.; Brett, J.; Crozier, K.
(21) 2019903762 (22) 05.10.2019
(54) Airborne Particulate Monitoring System

Combat Lite see power, g.
(21) 2019903849

(71) Commonwealth Scientific and Industrial Research Organisation
(21) 2019903818 (22) 10.10.2019
(54) Expression of nitrogenase polypeptides in plant cells

(71) CRC For Honey Bee Products
(21) 2019903716 (22) 03.10.2019
(54) Method For Detecting Disease

Crozier, K. see Collins, D.
(21) 2019903762

(71) Cruisemaster Australia Pty Ltd
(21) 2019903715 (22) 03.10.2019
(54) IMPROVEMENT TO INDEPENDENT SUSPENSION WITH AIRBAG

(71) Curriious Holdings Pty Ltd
(21) 2019903752 (22) 04.10.2019
(54) An Improved System and Method for Collaborative Learning Using Virtual Reality

(71) Curtin University
(21) 2019903821 (22) 11.10.2019
(54) A CATALYST

(71) CYMBAL PAVERS PTY LTD
(21) 2019903759 (22) 05.10.2019
(54) A system for replicating hardware security module to allow multiple devices to use a single physical key

(71) DATAGAMZ GLOBAL PTY LTD
(21) 2019903836 (22) 11.10.2019
(54) A COMPUTER-IMPLEMENTED METHOD AND A COMPUTER SYSTEM FOR IMPROVING PERFORMANCE OF A SERVICE REPRESENTATIVE

(71) de Geeter, P.
(21) 2019903764 (22) 06.10.2019
(54) Anchoring system for floating offshore wave energy converter

(71) Disease Advisor Pty Ltd
(21) 2019903741 (22) 04.10.2019
(54) System and Method for Identifying a Disease Affected Area

(71) Donnelly, J.
(21) 2019903757 (22) 04.10.2019
(54) Expanding Solar Energy Recovery by Reflection

(71) DOT DESIGN GROUP PTY LTD
(21) 2019903763 (22) 05.10.2019
(54) Tap Card Decal Holder

(71) DOT DESIGN GROUP PTY LTD
(21) 2019903806 (22) 09.10.2019
(54) Draught Bar Tap Card Holder

(71) Drysdale, K.
(21) 2019903761 (22) 05.10.2019
(54) Emission Free Fossil Fuel Burning Power Station

(71) Drysdale, K.
(21) 2019903792 (22) 09.10.2019
(54) "Emission Free Fossil Fuel Burning Power Station"

(71) Eazymaker Industries Pty Ltd
(21) 2019903816 (22) 10.10.2019
(54) A MATTRESS RAISING INFLATABLE

(71) ECOPOWER PTY LTD; ELLUL, W.
(21) 2019903803 (22) 09.10.2019
(54) A PULSE HYBRID COOLER COMBINING A HEAT PUMP AN EVAPORATIVE COOLER AND A ROTARY HEAT EXCHANGER

ELLUL, W. see ECOPOWER PTY LTD
(21) 2019903803

(71) ENVIROPARK PTY LTD
(21) 2019903862 (22) 14.10.2019
(54) Engineered timber and steel shade and solar car park structure

Erken, J. see WAGTAIL CLEANING TOOLS PTY LTD
(21) 2019903838

(71) F. HOFFMANN-LA ROCHE AG
(21) 2019903839 (22) 11.10.2019
(54) Drug dosage determination devices and methods

(71) FLETCHER, S.
(21) 2019903773 (22) 07.10.2019
(54) A SHAPING INSTRUMENT

(71) FOUNDAT PTY LTD
(21) 2019903823 (22) 11.10.2019
(54) GEOGRAPHICALLY REFERENCED DATABASE AND SEARCH ENGINE

(71) Freney, C.
(21) 2019903798 (22) 09.10.2019
(54) Improvements to poultry feeding systems

(71) Gardner, A.
(21) 2019903728 (22) 03.10.2019
(54) Recyclable and energy efficient water bottle.

(71) Garvan Institute of Medical Research
(21) 2019903854 (22) 14.10.2019
(54) Automatically selecting variants from genome sequencing

(71) GECKO CONSTRUCTIONS (AUSTRALIA) PTY LTD
(21) 2019903827 (22) 11.10.2019
(54) Timber Counterbore

(71) GILMORE, S.
(21) 2019903736 (22) 04.10.2019
(54) A PROPHYLACTIC DERMATOLOGICAL COMPOSITION

(71) Global Bioprotect IP Pty Ltd
(21) 2019903737 (22) 04.10.2019
(54) A SYSTEM AND PROCESS FOR PRODUCING A BIOSURFACTANT

(71) Griffith University
(21) 2019903786 (22) 08.10.2019
(54) Anode material

(71) Günther, H.
(21) 2019903809 (22) 10.10.2019
(54) Smart fastening device

Haase, D. see Kay, D.
(21) 2019903729

Provisional Applications Filed - Name Index cont'd

(71) Halsall, S.
(21) 2019903829 (22) 11.10.2019
(54) A head restraint

(71) Hanusiewicz, A.
(21) 2019903805 (22) 09.10.2019
(54) BIOMECHANICS SPECIFIC SYSTEM FOR PRIMARY KNEE REPLACEMENT (TKR)

(71) Hoagland, C.
(21) 2019903841 (22) 12.10.2019
(54) The present invention, a wheeled scoop plow shovel allows a user to scrape or otherwise remove snow (and similar substances) by collecting it in a scoop-like appliance and shuttling it aside in a manner like a highway snowplow.

Hofmann, L. see Tsitsopoulos, K.
(21) 2019903835

(71) Hunter Water Corporation
(21) 2019903783 (22) 08.10.2019
(54) Water treatment system

(71) iCetana Pty Ltd
(21) 2019903775 (22) 07.10.2019
(54) Method and system for classifying video data

(71) Ignis Technologies Pty Ltd
(21) 2019903867 (22) 14.10.2019
(54) SYSTEM, TOOL AND METHOD FOR EXTRACTING A CYLINDRICAL ELEMENT FROM A TUBULAR STRUCTURE

(71) Impression Healthcare Limited
(21) 2019903734 (22) 04.10.2019
(54) Inhalable compositions and uses thereof

(71) Infinite Water Technologies Pty Ltd
(21) 2019903865 (22) 14.10.2019
(54) PROCESS AND APPARATUS FOR WATER TREATMENT

(71) Intdevice Limited
(21) 2019903782 (22) 08.10.2019
(54) Inductive Power Transfer Receiver

(71) IP Machinery Pty Ltd
(21) 2019903776 (22) 07.10.2019
(54) Component position adjustment device and implementations of same

(71) IRTECH PTY LTD
(21) 2019903712 (22) 02.10.2019
(54) APPARATUS AND PROCESS FOR IRRADIATING MATERIALS WITH INFRARED RADIATION

(71) James Cook University
(21) 2019903753 (22) 04.10.2019
(54) MALARIA VACCINES

Kamara, A. see SIERRA CARBON SOLUTIONS PTY. LTD.
(21) 2019903832

(71) Kay, D.; Haase, D.
(21) 2019903729 (22) 03.10.2019
(54) Vehicle and Components Therefor

(71) LAMONT, D.
(21) 2019903808 (22) 10.10.2019
(54) A 180 DEGREES SWIVELING DEVICE BUILT INTO A SURFBOARD OR WAKEBOARD BLANK AND CONTROLLED BY THE FOOT TO HELP ASSIST WITH MORE CONTROL AND ADVANCED TURNS AND MANEUVERS IN THE WATER

(71) larkin, b.
(21) 2019903767 (22) 07.10.2019
(54) BERLEY PELLETS WITH EFFORVESSENCE GLITTER AND SCENT

(71) Laughlin, C.
(21) 2019903861 (22) 14.10.2019
(54) METHOD TO PRODUCE FUSION ENERGY

Lemke, M. see Ramirez, E.
(21) 2019903719

(71) Licella Pty Ltd; Mura Technology Limited
(21) 2019903756 (22) 04.10.2019
(54) Process and apparatus for converting polymers into products

Lions Eye Institute Limited see Murdoch University
(21) 2019903812

(71) LLOYD, K.
(21) 2019903820 (22) 11.10.2019
(54) Air filled inner shoe insole. A cushion of air is formed through silicone tubing or matting that is placed under the top of a inner shoe liner inner shoe sole. The cushion of air is connected to a air valve as in a car or bicycle and pressurised thus inflating the silicone tubing to

provide the cushion of air to the base if the shoe inner sole .When walking one can feel the cushion of air being displaced therefore the foot is adapting to the shape of the air filled vessel provided through the air filled chamber of the silicone tubing or silicone tubing matting as in a car tube.

(71) Lucenia Ltd
(21) 2019903777 (22) 08.10.2019
(54) PERITONEAL DIALYSIS APPARATUS

(71) Macadamia Processing Co Ltd
(21) 2019903732 (22) 04.10.2019
(54) NUT SHELLING MACHINE AND METHOD

(71) Macfarlane, P.; Bell, L.
(21) 2019903819 (22) 10.10.2019
(54) Apparatus for locating a pipe angle fitting on a pipe and method

(71) Mahoney, M.
(21) 2019903730 (22) 03.10.2019
(54) A wire shaping tool

(71) Mainetec Pty Ltd
(21) 2019903857 (22) 14.10.2019
(54) A LOCK AND METHOD OF USE

(71) Marks, S.
(21) 2019903837 (22) 11.10.2019
(54) Support

Marsh, J. see Ramirez, E.
(21) 2019903719

Mezenguel, E. see Boudvillain, P.
(21) 2019903731

(71) Morley, G.
(21) 2019903851 (22) 14.10.2019
(54) Flagstick Golf Ball Retriever 2

(71) MTI Group Pty Ltd
(21) 2019903758 (22) 04.10.2019
(54) Lubricated Blast Hole Liner

Mura Technology Limited see Licella Pty Ltd
(21) 2019903756

(71) Murdoch University; Lions Eye Institute Limited
(21) 2019903812 (22) 10.10.2019
(54) Novel Retinitis Pigmentosa Treatment

Provisional Applications Filed - Name Index cont'd

(71) NAUTI-CRAFT PTY LTD
(21) 2019903791 (22) 08.10.2019
(54) STRUCTURE FOR MARINE VESSEL

(71) Neuroscience Research Australia (NeuRA)
(21) 2019903826 (22) 11.10.2019
(54) Methods, devices and systems for providing stimulus to guide movement

(71) NewSouth Innovations Pty Limited
(21) 2019903824 (22) 11.10.2019
(54) Preparation of nickel-based alloys using waste materials

(71) NUCOR CORPORATION
(21) 2019903864 (22) 14.10.2019
(54) ULTRA-HIGH STRENGTH WEATHERING STEEL AND HIGH FRICTION ROLLING OF THE SAME

(71) NUCOR CORPORATION
(21) 2019903866 (22) 14.10.2019
(54) STRIP CAST MARTENSITIC STEEL

O'Donnell, J. see O'Donnell, J.
(21) 2019903768

(71) O'Donnell, J.; O'Donnell, J.
(21) 2019903768 (22) 07.10.2019
(54) Shopping Trolley

(71) Oates & Family Pty Ltd
(21) 2019903769 (22) 07.10.2019
(54) Light Treatment Device

(71) Oji Fibre Solutions (AUS) Pty Ltd
(21) 2019903800 (22) 09.10.2019
(54) COLLAPSED HAND ERECTABLE CARTON

(71) Orange Tulips Pty Ltd
(21) 2019903830 (22) 11.10.2019
(54) SENSOR ARRAY

Parkinson, B. see Ramirez, E.
(21) 2019903719

(71) Paspaley Pearling Company Pty Ltd
(21) 2019903739 (22) 04.10.2019
(54) A frame assembly

(71) Patriot Campers Pty Ltd
(21) 2019903814 (22) 10.10.2019
(54) Automotive accessory fabric

(71) PFL Spaces International Pty Ltd
(21) 2019903804 (22) 09.10.2019
(54) A LOCKER ASSEMBLY

(71) Phantom Precision Engineering Pty Ltd
(21) 2019903733 (22) 04.10.2019
(54) DENTAL DRIVER SYSTEM

(71) Phoenix Eagle Company Pty Ltd
(21) 2019903801 (22) 09.10.2019
(54) ENHANCEMENT AND STABILISATION OF PROTEOLYTIC ACTIVITY OF PROTEASES

(71) Plus Teck Pty Ltd
(21) 2019903714 (22) 03.10.2019
(54) Shower Tray Construction And Method

(71) Popuggardens Australia
(21) 2019903770 (22) 07.10.2019
(54) Planter and Recycling System

(71) power, g.; Combat Lite
(21) 2019903849 (22) 14.10.2019
(54) Light weight portable LED lighting system

(71) prendergast, j.
(21) 2019903760 (22) 05.10.2019
(54) a device that allows you to load a boat or various items to the rooftop of your vehicle

(71) Prentice, W.
(21) 2019903810 (22) 10.10.2019
(54) Flood Resilience Certificate

(71) QUALITY FABRICATION & ENGINEERING PTY LTD
(21) 2019903796 (22) 09.10.2019
(54) Rooding Construction Materials Spreading Vehicle

(71) Queensland University of Technology
(21) 2019903724 (22) 03.10.2019
(54) Antiviral Compounds and their use

(71) Ramirez, E.; Lemke, M.; Marsh, J.; Parkinson, B.
(21) 2019903719 (22) 03.10.2019
(54) INFLATABLE HEAD SUPPORT

(71) Redflow R&D Pty Ltd
(21) 2019903742 (22) 04.10.2019
(54) Welded flowing electrolyte battery cell stack

(71) RESMED LIMITED
(21) 2019903799 (22) 09.10.2019
(54) Acoustic analysis of a respiratory therapy system

(71) Rickard, S.
(21) 2019903781 (22) 08.10.2019
(54) A CATHETER AND ASSOCIATED KITS AND PROCEDURES

(71) Royal Melbourne Institute of Technology
(21) 2019903751 (22) 04.10.2019
(54) BEVERAGE TREATMENT SYSTEM

(71) ROYAL MELBOURNE INSTITUTE OF TECHNOLOGY
(21) 2019903755 (22) 04.10.2019
(54) ACOUSTIC NEBULISER FOR DELIVERY OF ACTIVE AGENTS

(71) R R TEK PTY LTD
(21) 2019903787 (22) 08.10.2019
(54) Electrochemical water treatment process

(71) RR TRAFFIC LED BANNER
(21) 2019903723 (22) 02.10.2019
(54) RR NIGHT LED LIGHTS

(71) Sackley, J.
(21) 2019903738 (22) 04.10.2019
(54) Human Waste Toiletry Postural Aid

(71) Salis, A.; Clark, M.
(21) 2019903794 (22) 09.10.2019
(54) A gate-operating mechanism

(71) Saluda Medical Pty Limited
(21) 2019903743 (22) 04.10.2019
(54) Circuit for a lead of an implantable medical device

(71) Saluda Medical Pty Limited
(21) 2019903747 (22) 04.10.2019
(54) Lead for an active implantable medical device

(71) Saluda Medical Pty Limited
(21) 2019903815 (22) 10.10.2019
(54) Lead for an active implantable medical device with decoy

(71) SALUNKE, N.
(21) 2019903831 (22) 11.10.2019
(54) Apparatus, System and Method for actuating a Tool

Provisional Applications Filed - Name Index cont'd

(71) Sands Innovations Ltd
(21) 2019903772 (22) 07.10.2019
(54) A CONTAINER

(71) Secure Logic Pty Ltd
(21) 2019903748 (22) 04.10.2019
(54) System, method and computer readable medium for performing a transaction in relation to an identity centric dataset

(71) SFC Enterprises Limited
(21) 2019903765 (22) 07.10.2019
(54) Device for Determining Oxygen Transmission Rate of Sealed Wine Bottles

(71) Sierakowski, P.
(21) 2019903795 (22) 09.10.2019
(54) Safety Platform System for Roof Structures

(71) SIERRA CARBON SOLUTIONS PTY. LTD.; Kamara, A.
(21) 2019903832 (22) 11.10.2019
(54) Mini Ada Solar Hydro Hybrid Energy Generation

(71) SPECTRAL SECURITY GROUP PTY LTD
(21) 2019903771 (22) 07.10.2019
(54) A computer software operating across all platforms that has been designed for coordinating security services, namely, software for the automated scheduling, dispatch and response of security guards and services to commercial and residential premises.

(71) Staff Holdings Pty Ltd
(21) 2019903828 (22) 11.10.2019
(54) A spirit level

(71) Stanfred International Pty Ltd
(21) 2019903766 (22) 07.10.2019
(54) A Lock

(71) STG IP PTY LTD
(21) 2019903749 (22) 04.10.2019
(54) Modular garbage truck compactor system

(71) Stojadinovic, N.
(21) 2019903793 (22) 09.10.2019
(54) Magnet Release Marker Buoy

(71) Strange, W.
(21) 2019903718 (22) 03.10.2019
(54) Liquid hammer drill

(71) St Vincent's Hospital Sydney Limited
(21) 2019903720 (22) 03.10.2019
(54) HEART PUMP OUTFLOW CONDUIT

(71) TBIAS Pty Ltd
(21) 2019903863 (22) 14.10.2019
(54) An Automated Monitoring System

(71) The Council of The Queensland Institute of Medical Research
(21) 2019903727 (22) 03.10.2019
(54) Immunomodulatory peptides and methods of use

(71) The Council of The Queensland Institute of Medical Research
(21) 2019903802 (22) 09.10.2019
(54) Targeting EphA3 and uses thereof

(71) The Refoundry Pty Ltd
(21) 2019903833 (22) 11.10.2019
(54) Safety Barrier System for Pets and Small Children

(71) The Sourced Agent Pty Ltd
(21) 2019903750 (22) 04.10.2019
(54) Fabric composition

(71) The trustee for The Frog Discretionary Trust
(21) 2019903848 (22) 14.10.2019
(54) CABLE PROTECTION SYSTEM. A Helix to go over the outside of communication and electrical cable to protect them against animal attack.

(71) The University of Adelaide
(21) 2019903789 (22) 08.10.2019
(54) MICROSTRUCTURED OPTICAL FIBER SENSOR

(71) The University of Melbourne
(21) 2019903859 (22) 14.10.2019
(54) Compositions and methods for promoting mineralization (2)

(71) The University of Melbourne
(21) 2019903860 (22) 14.10.2019
(54) Concealment of hypomineralised lesions (2)

(71) The University Of Queensland
(21) 2019903735 (22) 04.10.2019
(54) Dyes and methods of use

(71) The University Of Queensland
(21) 2019903740 (22) 04.10.2019
(54) Method for forming carbon fibres from PVC

(71) Thomas, J.
(21) 2019903825 (22) 11.10.2019
(54) Panoramic mount

(71) TNBT HOLDING PTY LTD
(21) 2019903744 (22) 04.10.2019
(54) A PADLOCK

(71) Toro Australia Pty Limited
(21) 2019903721 (22) 03.10.2019
(54) GARDEN PLANTER IMPROVEMENTS

(71) Toro Australia Pty Limited
(21) 2019903722 (22) 03.10.2019
(54) SPRINKLER ASSEMBLY IMPROVEMENTS

(71) Tsitsopoulos, K.; Hofmann, L.
(21) 2019903835 (22) 11.10.2019
(54) A personal tracking wearable system

(71) Tuff Tonneaus Wholesale Pty Ltd
(21) 2019903855 (22) 14.10.2019
(54) System for securely retaining a tonneau cover

(71) University of Tasmania
(21) 2019903746 (22) 04.10.2019
(54) 3D printed device for sensing soil chemistry

Van Rooyen, L. see Vucic, P.
(21) 2019903778

(71) Vucic, P.; Van Rooyen, L.
(21) 2019903778 (22) 08.10.2019
(54) PROTECTIVE DEVICE

(71) Wabl, H.
(21) 2019903700 (22) 01.10.2019
(54) PEDESTAL TABLE ADJUSTMENT MEANS

(71) WAGTAIL CLEANING TOOLS PTY LTD; Erken, J.
(21) 2019903838 (22) 11.10.2019
(54) One Golf Club a perfect traveling golf club

(71) Wellen Pty Ltd
(21) 2019903850 (22) 14.10.2019
(54) Shipping and display container and blank for forming same

Provisional Applications Filed - Name Index cont'd

(71) Willetts, D.
(21) 2019903807 (22) 09.10.2019
(54) 'Healthy Hook' is a series of biodegradable / water soluble 3d printed fishing hooks.

(71) Woodside Energy Technologies Pty Ltd
(21) 2019903834 (22) 11.10.2019
(54) A METHOD OF APPLYING A TWO-COMPONENT COATING MATERIAL ON A SURFACE OF A SUBSTRATE

(71) Zummo Juicers Pty Ltd
(21) 2019903785 (22) 08.10.2019
(54) Juicer Press Assembly

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2019903655	Bluebird Ventures Pty Ltd	2019903777	Lucenia Ltd
2019903700	Wabl, H.	2019903778	Vucic, P.; Van Rooyen, L.
2019903712	IRTECH PTY LTD	2019903780	Centurion International Imports Pty Ltd
2019903713	BFRE Pty Ltd	2019903781	Rickard, S.
2019903714	Plus Teck Pty Ltd	2019903782	Intdevice Limited
2019903715	Cruisemaster Australia Pty Ltd	2019903783	Hunter Water Corporation
2019903716	CRC For Honey Bee Products	2019903784	Aluminium Specialties Group Pty Ltd
2019903717	Beckman, J.	2019903785	Zummo Juicers Pty Ltd
2019903718	Strange, W.	2019903786	Griffith University
2019903719	Ramirez, E.; Lemke, M.; Marsh, J.; Parkinson, B.	2019903787	R R TEK PTY LTD
2019903720	St Vincent's Hospital Sydney Limited	2019903788	Advanced Technology Products Pty Ltd
2019903721	Toro Australia Pty Limited	2019903789	The University of Adelaide
2019903722	Toro Australia Pty Limited	2019903790	A & C Holdings (WA) Pty Ltd
2019903723	RR TRAFFIC LED BANNER	2019903791	NAUTI-CRAFT PTY LTD
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2019903725	Advanced Alloy Holdings Pty Ltd	2019903793	Stojadinovic, N.
2019903726	AFFINITY BIOSCIENCES PTY LTD	2019903794	Salis, A.; Clark, M.
2019903727	The Council of The Queensland Institute of Medical Research	2019903795	Sierakowski, P.
2019903728	Gardner, A.	2019903796	QUALITY FABRICATION & ENGINEERING PTY LTD
2019903729	Kay, D.; Haase, D.	2019903797	CARPENTER, B.J.
2019903730	Mahoney, M.	2019903798	Freney, C.
2019903731	Boudvillain, P.; Mezenguel, E.	2019903799	RESMED LIMITED
2019903732	Macadamia Processing Co Ltd	2019903800	Oji Fibre Solutions (AUS) Pty Ltd
2019903733	Phantom Precision Engineering Pty Ltd	2019903801	Phoenix Eagle Company Pty Ltd
2019903734	Impression Healthcare Limited	2019903802	The Council of The Queensland Institute of Medical Research
2019903735	The University Of Queensland	2019903803	ECOPOWER PTY LTD; ELLUL, W.
2019903736	GILMORE, S.	2019903804	PFL Spaces International Pty Ltd
2019903737	Global Bioprotect IP Pty Ltd	2019903805	Hanusiewicz, A.
2019903738	Sackley, J.	2019903806	DOT DESIGN GROUP PTY LTD
2019903739	Paspaley Pearling Company Pty Ltd	2019903807	Willets, D.
2019903740	The University Of Queensland	2019903808	LAMONT, D.
2019903741	Disease Advisor Pty Ltd	2019903809	Günther, H.
2019903742	Redflow R&D Pty Ltd	2019903810	Prentice, W.
2019903743	Saluda Medical Pty Limited	2019903812	Murdoch University; Lions Eye Institute Limited
2019903744	TNBT HOLDING PTY LTD	2019903813	ACI Intellectual Holdings Pty Ltd
2019903745	Bailey, D.; Arbolino, R.	2019903814	Patriot Campers Pty Ltd
2019903746	University of Tasmania	2019903815	Saluda Medical Pty Limited
2019903747	Saluda Medical Pty Limited	2019903816	Eazymaker Industries Pty Ltd
2019903748	Secure Logic Pty Ltd	2019903817	Blueprint Acoustics Pty Ltd
2019903749	STG IP PTY LTD	2019903818	Commonwealth Scientific and Industrial Research Organisation
2019903750	The Sourced Agent Pty Ltd	2019903819	Macfarlane, P.; Bell, L.
2019903751	Royal Melbourne Institute of Technology	2019903820	LLOYD, K.
2019903752	Curious Holdings Pty Ltd	2019903821	Curtin University
2019903753	James Cook University	2019903822	Anatara Lifesciences Limited
2019903754	Artrya Pty Ltd	2019903823	FOUNDAT PTY LTD
2019903755	ROYAL MELBOURNE INSTITUTE OF TECHNOLOGY	2019903824	NewSouth Innovations Pty Limited
2019903756	Licella Pty Ltd; Mura Technology Limited	2019903825	Thomas, J.
2019903757	Donnelly, J.	2019903826	Neuroscience Research Australia (NeuRA)
2019903758	MTI Group Pty Ltd	2019903827	GECKO CONSTRUCTIONS (AUSTRALIA) PTY LTD
2019903759	CYMBAL PAVERS PTY LTD	2019903828	Staff Holdings Pty Ltd
2019903760	prendergast, j.	2019903829	Halsall, S.
2019903761	Drysdale, K.	2019903830	Orange Tulips Pty Ltd
2019903762	Collins, D.; Collins, D.; Brett, J.; Crozier, K.	2019903831	SALUNKE, N.
2019903763	DOT DESIGN GROUP PTY LTD	2019903832	SIERRA CARBON SOLUTIONS PTY. LTD.; Kamara, A.
2019903764	de Geeter, P.	2019903833	The Refoundry Pty Ltd
2019903765	SFC Enterprises Limited	2019903834	Woodside Energy Technologies Pty Ltd
2019903766	Stanfed International Pty Ltd	2019903835	Tsitsopoulos, K.; Hofmann, L.
2019903767	Iarkin, b.	2019903836	DATAGAMZ GLOBAL PTY LTD
2019903768	O'Donnell, J.; O'Donnell, J.	2019903837	Marks, S.
2019903769	Oates & Family Pty Ltd	2019903838	WAGTAIL CLEANING TOOLS PTY LTD; Erken, J.
2019903770	Popupgardens Australia	2019903839	F. HOFFMANN-LA ROCHE AG
2019903771	SPECTRAL SECURITY GROUP PTY LTD	2019903841	Hoagland, C.
2019903772	Sands Innovations Ltd	2019903847	Blair, M.L.
2019903773	FLETCHER, S.	2019903848	The trustee for The Frog Discretionary Trust
2019903774	Chiron IP Holdco Pty Ltd	2019903849	power, g.; Combat Lite
2019903775	iCetana Pty Ltd	2019903850	Wellen Pty Ltd
2019903776	IP Machinery Pty Ltd		

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2019903851 Morley, G.
2019903852 Aristocrat Technologies Australia Pty Limited
2019903853 AFFINITY BIOSCIENCES PTY LTD
2019903854 Garvan Institute of Medical Research
2019903855 Tuff Tonneaus Wholesale Pty Ltd
2019903856 BinSense Pty Ltd
2019903857 Mainetec Pty Ltd
2019903858 BROWNE, P.
2019903859 The University of Melbourne
2019903860 The University of Melbourne
2019903861 Laughlin, C.
2019903862 ENVIROPARK PTY LTD
2019903863 TBIAS Pty Ltd
2019903864 NUCOR CORPORATION
2019903865 Infinite Water Technologies Pty Ltd
2019903866 NUCOR CORPORATION
2019903867 Ignis Technologies Pty Ltd
2019903868 Calibrations, B.

Complete Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 8 Oct 2019 .

. (*) Title not in Roman characters

. (**) Title not given

<p>(71) AbbVie Deutschland GmbH & Co. KG; AbbVie Inc. (21) 2019246844 (22) 10.10.2019 (54) Monoclonal antibodies against amyloid beta protein and uses thereof (62) 2017232091</p>	<p>(54) Methods, compositions, and devices for supplying dietary fatty acid needs (62) 2018202005</p>	<p>(54) Reduced-size interfaces for managing alerts (62) 2018204430</p>
<p>AbbVie Inc. see AbbVie Deutschland GmbH & Co. KG (21) 2019246844</p>	<p>(71) Aldred, D. (21) 2019240728 (22) 07.10.2019 (54) Modular Wave Power Generator</p>	<p>(71) Apple Inc. (21) 2019246875 (22) 11.10.2019 (54) Device, method, and graphical user interface for providing audiovisual feedback (62) 2016318321</p>
<p>(71) Acceleron Pharma Inc. (21) 2019240707 (22) 04.10.2019 (54) Variants derived from ActRIIB and uses thereof (62) 2018201131</p>	<p>(71) Alltech, Inc. (21) 2019246818 (22) 09.10.2019 (54) COMPOSITIONS OF SELENOORGANIC COMPOUNDS AND METHODS OF USE THEREOF (62) 2014386236</p>	<p>(71) Apple Inc. (21) 2019246934 (22) 14.10.2019 (54) Electronic devices with sidewall displays (62) 2017248409</p>
<p>(71) Aders, A. (21) 2019246809 (22) 09.10.2019 (54) Technologies for transportation (62) 2014360523</p>	<p>(71) Alnylam Pharmaceuticals, Inc. (21) 2019240658 (22) 03.10.2019 (54) RNAI AGENTS, COMPOSITIONS AND METHODS OF USE THEREOF FOR TREATING TRANSTHYRETIN (TTR) ASSOCIATED DISEASES (62) 2017225076</p>	<p>(71) Applied Genetic Technologies Corporation (21) 2019246855 (22) 10.10.2019 (54) RECOMBINANT VIRUS PRODUCTION USING MAMMALIAN CELLS IN SUSPENSION (62) 2017221791</p>
<p>(71) Agios Pharmaceuticals, Inc. (21) 2019246824 (22) 10.10.2019 (54) Pharmaceutical compositions of therapeutically active compounds and their methods of use (62) 2015229214</p>	<p>(71) Alnylam Pharmaceuticals, Inc.; Kumamoto University (21) 2019246801 (22) 09.10.2019 (54) siRNA Therapy for Transthyretin (TTR) Related Ocular Amyloidosis (62) 2017204161</p>	<p>(71) Applied Medical Resources Corporation (21) 2019240718 (22) 04.10.2019 (54) Electrosurgical instrument (62) 2018201429</p>
<p>(71) AgroFresh Inc. (21) 2019246764 (22) 08.10.2019 (54) Methods of handling avocados and system (62) 2017200889</p>	<p>(71) Alzeca Biosciences, LLC; Board of Regents of The University of Texas System; Board of Regents of the University of Houston System (21) 2019246775 (22) 08.10.2019 (54) LIPID -BASED NANOPARTICLES (62) 2017232156</p>	<p>(71) Aravax Pty Ltd (21) 2019240574 (22) 01.10.2019 (54) Novel immunotherapeutic molecules and uses thereof (62) 2017261619</p>
<p>(71) AgroFresh Inc. (21) 2019246765 (22) 08.10.2019 (54) Fungicidal compounds and compositions (62) 2016219370</p>	<p>(71) Angel Playing Cards Co., Ltd. (21) 2019246908 (22) 11.10.2019 (54) PACKING BOX FOR SHUFFLED PLAYING CARDS (62) 2018214035</p>	<p>(71) ARIAD Pharmaceuticals, Inc. (21) 2019240721 (22) 07.10.2019 (54) Crystalline forms of 3-(imidazo[1,2-b]pyridazin-3-ylethynyl)-4-methyl-N-{4-[(4-methylpiperazin-1-yl)methyl]-3-(trifluoromethyl)phenyl}benzamide mono hydrochloride (62) 2018201013</p>
<p>(71) Aktiebolaget SKF (21) 2019246791 (22) 09.10.2019 (54) INVERTIBLE COUPLER RING FOR RAILWAY AXLE BEARING ASSEMBLIES (31) 16/172,513 (32) 26.10.18 (33) US</p>	<p>(71) Apple Inc. (21) 2019240694 (22) 04.10.2019 (54) Portable electronic device (62) 2018213976</p>	<p>(71) Aristocrat Technologies Australia Pty Limited (21) 2019240703 (22) 04.10.2019 (54) A Gaming System and a Method of Gaming (62) 2017225095</p>
<p>(71) Alcrest, Inc. (21) 2019246874 (22) 11.10.2019</p>	<p>(71) Apple Inc. (21) 2019246830 (22) 10.10.2019</p>	

Complete Applications Filed - Name Index cont'd

(71) Aristocrat Technologies Australia Pty Limited
 (21) 2019240706 (22) 04.10.2019
 (54) A METHOD OF OPERATING A GAMING MACHINE AND A GAMING MACHINE
 (62) 2017213538

(71) Aristocrat Technologies Australia Pty Limited
 (21) 2019240712 (22) 04.10.2019
 (54) A GAMING SYSTEM, A METHOD OF CONTROLLING A GAMING SYSTEM AND A CONTROLLER
 (62) 2017202114

(71) Aristocrat Technologies Australia Pty Limited
 (21) 2019246834 (22) 10.10.2019
 (54) Gaming Machine with Gamble Option
 (62) 2017213530

(71) Aristocrat Technologies Australia Pty Limited
 (21) 2019246885 (22) 11.10.2019
 (54) A GAMING SYSTEM AND A METHOD OF GAMING
 (62) 2017213597

(71) Aristocrat Technologies Australia Pty Limited
 (21) 2019246899 (22) 11.10.2019
 (54) A GAMING MACHINE WITH A GAME FEATURE
 (62) 2017219112

(71) Aristocrat Technologies Australia Pty Limited
 (21) 2019246923 (22) 11.10.2019
 (54) A GAMING METHOD AND A GAMING SYSTEM
 (62) 2017232105

(71) Aristocrat Technologies Australia Pty Limited
 (21) 2019246924 (22) 11.10.2019
 (54) A GAMING MACHINE AND A METHOD OF OPERATING A GAMING MACHINE
 (62) 2018201927

(71) Aristocrat Technologies Australia Pty Limited
 (21) 2019246926 (22) 11.10.2019
 (54) A GAMING DEVICE
 (62) 2018202101

(71) ArthroCare Corporation
 (21) 2019246910 (22) 11.10.2019
 (54) Resilient polysaccharide foams and uses thereof
 (62) 2015294612

(71) Barton, J.; Sim, B.
 (21) 2019240690 (22) 04.10.2019
 (54) The Underbelt quiver for archery
 (31) 2018903758 (32) 05.10.18 (33) AU

(71) BASF Plant Science Company GmbH
 (21) 2019240730 (22) 07.10.2019
 (54) Regulatory nucleic acid molecules for enhancing constitutive gene expression in plants
 (62) 2017248552

(71) Bayer New Zealand Limited
 (21) 2019246759 (22) 08.10.2019
 (54) Anti-Infective Formulation and Methods of Use
 (62) 2017210575

(71) Becton, Dickinson and Company
 (21) 2019246810 (22) 09.10.2019
 (54) Syringe labeling device
 (62) 2018204612

(71) Beijing DIDI Infinity Technology and Development Co., Ltd.
 (21) 2019246799 (22) 09.10.2019
 (54) Systems and methods for distributing a service request for an on-demand service
 (62) 2017268741

(71) BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD.
 (21) 2019246881 (22) 11.10.2019
 (54) Systems and methods for determining a path of a moving device
 (62) 2016397268

(71) BEMO PTY LTD
 (21) 2019246797 (22) 09.10.2019
 (54) Conveyor Belt Wear Measurement
 (31) 2018903806 (32) 09.10.18 (33) AU
 2019900368 06.02.19 AU

(71) Beth Israel Deaconess Medical Center, Inc.; Emory University
 (21) 2019246821 (22) 09.10.2019
 (54) ANTI-CD40 ANTIBODIES AND USES THEREOF
 (62) 2017216556

(71) BeyondTrust Software, Inc.
 (21) 2019246773 (22) 08.10.2019
 (54) Systems and methods of risk based rules for application control
 (62) 2014219077

(71) Biocon Limited
 (21) 2019246781 (22) 08.10.2019
 (54) Use of a CD6 binding partner and method based thereon
 (62) 2014294616

(71) Biosense Webster (Israel) Ltd.
 (21) 2019240677 (22) 03.10.2019
 (54) Irrigation control during ablation
 (31) 16/196255 (32) 20.11.18 (33) US
 16/290819 01.03.19 US

(71) Biosense Webster (Israel) Ltd.
 (21) 2019240715 (22) 04.10.2019
 (54) Temperature measurement in catheter
 (62) 2015201266

(71) Blackhawk Network, Inc.
 (21) 2019246813 (22) 09.10.2019
 (54) A system for payment via electronic wallet
 (62) 2017218967

Board of Regents of the University of Houston System see Alzeca Biosciences, LLC
 (21) 2019246775

Board of Regents of The University of Texas System see Alzeca Biosciences, LLC
 (21) 2019246775

(71) Bripco BVBA
 (21) 2019246756 (22) 08.10.2019
 (54) Data centre
 (62) 2017268612

(71) Byford Equipment Pty Ltd
 (21) 2019240700 (22) 04.10.2019
 (54) Heavy Vehicle Configuration
 (62) 2017245467

(71) Caliway Biopharmaceuticals Co., Ltd.
 (21) 2019246808 (22) 09.10.2019
 (54) A pharmaceutical composition for reducing localized fat and uses thereof
 (62) 2016314545

(71) Cantor Index LLC
 (21) 2019246884 (22) 11.10.2019
 (54) SYSTEM FOR BETTING ON A SUBSET OF PARTICIPANTS IN AN EVENT ACCORDING TO MULTIPLE GROUPS
 (62) 2017218984

(71) Caribou Biosciences, Inc.
 (21) 2019240724 (22) 07.10.2019
 (54) ENGINEERED NUCLEIC-ACID TARGETING NUCLEIC ACIDS
 (62) 2016363024

(71) Caterpillar Global Mining Equipment LLC
 (21) 2019246807 (22) 09.10.2019

Complete Applications Filed - Name Index cont'd

(54) DECK BUSHING SYSTEM FOR DRILLING MACHINES
(31) 16/158,758 (32) 12.10.18 (33) US

(71) Caterpillar Global Mining Equipment LLC
(21) 2019246887 (22) 11.10.2019
(54) HOSE RETENTION SYSTEM FOR DRILLING MACHINE
(31) 16/159,233 (32) 12.10.18 (33) US

(71) Caterpillar Global Mining Equipment LLC
(21) 2019246888 (22) 11.10.2019
(54) DRILL PIPE RACK WITH REPLACEABLE BUSHINGS
(31) 16/158,861 (32) 12.10.18 (33) US

(71) CATERPILLAR GLOBAL MINING EQUIPMENT LLC
(21) 2019246850 (22) 10.10.2019
(54) ROTARY HEAD GUIDE SYSTEM FOR DRILLING MACHINE
(31) 16/158,816 (32) 12.10.18 (33) US

(71) ChemoCentryx, Inc.
(21) 2019246848 (22) 10.10.2019
(54) Pyrazol-1-yl benzene sulfonamides as CCR9 antagonists
(62) 2017258909

(71) Chillman, R.
(21) 2019246838 (22) 10.10.2019
(54) Illuminated Vases.

(71) Cipla Limited
(21) 2019246762 (22) 08.10.2019
(54) Rifaximin complexes
(62) 2018200205

(71) Corning Incorporated
(21) 2019246778 (22) 08.10.2019
(54) THERMALLY TEMPERED GLASS AND METHODS AND APPARATUSES FOR THERMAL TEMPERING OF GLASS
(62) 2015296243

(71) Covidien LP
(21) 2019240674 (22) 03.10.2019
(54) Surgical stapling device with floating staple cartridge
(31) 62/749,417 (32) 23.10.18 (33) US
16/569,736 13.09.19 US

(71) Covidien LP
(21) 2019246770 (22) 08.10.2019
(54) Vacuum driven suction and irrigation system
(31) 16/589,651 (32) 01.10.19 (33) US
62/750,301 25.10.18 US

(71) Crew Mouldings Limited
(21) 2019246758 (22) 08.10.2019
(54) A CLOSURE FOR A CONTAINER
(62) 2017202973

(71) CSL Behring AG; Pari Pharma GmbH; Medizinische Hochschule Hannover
(21) 2019246787 (22) 09.10.2019
(54) Nebulization of immunoglobulin
(62) 2015239145

(71) Custom Accessories Inc.
(21) 2019240687 (22) 03.10.2019
(54) PACKAGING SYSTEM WITH OPENING FOR PRODUCT ACCESS
(31) 62/742,003 (32) 05.10.18 (33) US

Daikin Europe N.V. see Daikin Industries, Ltd.
(21) 2019240679

(71) Daikin Industries, Ltd.; Daikin Europe N.V.
(21) 2019240679 (22) 03.10.2019
(54) Compressor unit, heat source unit, and air conditioner
(62) 2018202225

(71) DANA-FARBER CANCER INSTITUTE, INC.; Emory University; Emory University
(21) 2019246763 (22) 08.10.2019
(54) Human anti-PD-1, PD-L1, and PD-L2 antibodies and uses therefor
(62) 2018202800

(71) Decathlon
(21) 2019246877 (22) 11.10.2019
(54) Foldable tent comprising two umbrella structures
(31) 1859616 (32) 17.10.18 (33) FR

(71) DEERE & COMPANY
(21) 2019246794 (22) 09.10.2019
(54) CONTROLLING A MACHINE BASED ON CRACKED KERNEL DETECTION
(31) 16/516,812 (32) 19.07.19 (33) US
62/753,541 31.10.18 US

(71) DEKA Products Limited Partnership
(21) 2019246852 (22) 10.10.2019
(54) Apparatus and method for infusing fluid through a tube by appropriately heating the tube
(62) 2015318119

(71) DePuy Synthes Products, Inc.
(21) 2019240680 (22) 03.10.2019
(54) Wireless neuromuscular sensing device
(31) 16/158,739 (32) 12.10.18 (33) US

(71) DePuy Synthes Products, Inc.
(21) 2019240682 (22) 03.10.2019
(54) Neuromuscular sensing device with multi-sensor array
(31) 16/158,734 (32) 12.10.18 (33) US

(71) Document Storage Systems, Inc.
(21) 2019246872 (22) 11.10.2019
(54) Tiered connection pooling methods, systems and computer readable storage media
(62) 2015289493

(71) Dolby International AB
(21) 2019240701 (22) 04.10.2019
(54) Improved Subband Block Based Harmonic Transposition
(62) 2017206142

(71) Dyson Technology Limited
(21) 2019240678 (22) 03.10.2019
(54) Vacuum cleaner tool
(62) 2017245303

(71) Eddy Current Limited Partnership
(21) 2019246792 (22) 09.10.2019
(54) Latching Devices
(62) 2015304097

(71) Edward Lifesciences CardiAQ LLC
(21) 2019246892 (22) 11.10.2019
(54) Actively controllable stent, stent graft, heart valve and method of controlling same
(62) 2018200663

Emory University see DANA-FARBER CANCER INSTITUTE, INC.
(21) 2019246763

Emory University see DANA-FARBER CANCER INSTITUTE, INC.
(21) 2019246763

Emory University see Beth Israel Deaconess Medical Center, Inc.
(21) 2019246821

(71) EMPA Eidgenössische Materialprüfungs- und Forschungsanstalt
(21) 2019240691 (22) 04.10.2019
(54) Porous adsorbent structure for adsorption of CO2 from a gas mixture
(62) 2017204830

(71) Endeiza Rozas, I.
(21) 2019246863 (22) 11.10.2019
(54) Vegetable fibre sponge for domestic use
(31) ES201831779U (32) 19.11.18 (33) ES

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(71) Ethicon Endo-Surgery, Inc.
 (21) 2019246825 (22) 10.10.2019
 (54) ELECTRICALLY SELF-POWERED SURGICAL INSTRUMENT WITH CRYPTOGRAPHIC IDENTIFICATION OF INTERCHANGEABLE PART
 (62) 2017213586

(71) Everingham Tippers Pty Ltd
 (21) 2019226237 (22) 06.09.2019
 (54) We have come up with a formula for a garden soil mix that is made of Mushroom Compost, Compost, Fish and Worm emulsifiers, Coffee Sand and Molasses, it is a natural product that helps to aid in the process of all gardening needs and also cuts out the use of any artificial or harmful chemicals in the garden.

(71) Eyesmatch Ltd
 (21) 2019246856 (22) 10.10.2019
 (54) Devices, systems and methods of capturing and displaying appearances
 (62) 2013361507

(71) Facebook, Inc.
 (21) 2019240709 (22) 04.10.2019
 (54) Exchange Server Method And System
 (62) 2017261494

(71) Facebook, Inc.
 (21) 2019240719 (22) 04.10.2019
 (54) Interactive Elements For Launching From A User Interface
 (62) 2014235410

(71) FISHBRAIN AB
 (21) 2019246776 (22) 08.10.2019
 (54) Method and system for logging and processing data relating to an activity
 (62) 2013356719

(71) Fisher & Paykel Healthcare Limited
 (21) 2019246873 (22) 11.10.2019
 (54) RESPIRATORY MASK WITH NASO-GASTRIC TUBE PATH
 (62) 2015223573

(71) FISHER & PAYKEL HEALTHCARE LIMITED
 (21) 2019240702 (22) 04.10.2019
 (54) WATER OUT ALARM
 (62) 2017232196

(71) FISHER & PAYKEL HEALTHCARE LIMITED
 (21) 2019246935 (22) 14.10.2019
 (54) INTERFACE COMPRISING A NASAL SEALING PORTION
 (62) 2017228699

(71) Flexible Steel Lacing Company
 (21) 2019246906 (22) 11.10.2019
 (54) Conveyor belt fastener and method of manufacture
 (62) 2015305863

(71) Forma Therapeutics, Inc.
 (21) 2019246753 (22) 08.10.2019
 (54) Novel compounds and compositions for inhibition of FASN
 (62) 2017268536

(71) Franke Technology and Trademark Ltd
 (21) 2019246936 (22) 14.10.2019
 (54) METHOD FOR AN EXTRACTION UNIT AND ASSOCIATED EXTRACTION UNIT
 (31) 102018126214.0 (32) 22.10.18 (33) DE

(71) Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung, e.V.
 (21) 2019246882 (22) 11.10.2019
 (54) Loudness control for user interactivity in audio coding systems
 (62) 2016279775

(71) Frito-Lay North America, Inc.
 (21) 2019246826 (22) 10.10.2019
 (54) Snack food container
 (62) 2015296567

(71) FUJIFILM Corporation
 (21) 2019246859 (22) 10.10.2019
 (54) Method for producing novel nitrogen-containing compound or salt thereof, and production intermediate of same
 (62) 2016237099

(71) GE Global Sourcing LLC
 (21) 2019246788 (22) 09.10.2019
 (54) SYSTEMS AND METHODS FOR CONTROLLING DYNAMIC AVALANCHE IN SWITCHING DEVICES
 (31) 16/193,926 (32) 16.11.18 (33) US

(71) Genentech, Inc.
 (21) 2019246814 (22) 09.10.2019
 (54) Anti-TIGIT antibodies and methods of use
 (62) 2016325610

(71) General Atomics
 (21) 2019240665 (22) 03.10.2019
 (54) Satellite attitude control system using eigen vector, non-linear dynamic inversion, and feedforward control
 (31) 16/170,157 (32) 25.10.18 (33) US

(71) General Electric Company
 (21) 2019246889 (22) 11.10.2019

(54) MAGNETIC ADHESIVE FORCE MONITORING SYSTEM FOR MAGNETIC WHEELED ROBOT
 (31) 16/172,079 (32) 26.10.18 (33) US

(71) Gold Rythmn Pty Ltd
 (21) 2019240663 (22) 03.10.2019
 (54) APPARATUS AND PROCESS FOR MODIFYING ANIMAL SKIN BY APPLICATION OF CRYOGENIC MATERIAL
 (62) 2015215923

(71) Greeneden U.S. Holdings II, LLC
 (21) 2019240704 (22) 04.10.2019
 (54) Flow designer for contact centers
 (62) 2016267690

(71) Grey Orange Pte. Ltd.
 (21) 2019246937 (22) 14.10.2019
 (54) Multi Level Robotics Automation
 (31) 16/159,276 (32) 12.10.18 (33) US

(71) Gruppo Cimbali S.p.A.
 (21) 2019246827 (22) 10.10.2019
 (54) STEAM DISPENSING APPARATUS FOR HOT BEVERAGE PREPARATION
 (31) 10201800009404 (32) 12.10.18 (33) IT

(71) Hamilton Sundstrand Corporation
 (21) 2019246886 (22) 11.10.2019
 (54) Integrated sensor packages
 (31) 16/159,294 (32) 12.10.18 (33) US

(71) Helius Medical, Inc
 (21) 2019246836 (22) 10.10.2019
 (54) DEVICES FOR DELIVERING NON-INVASIVE NEUROMODULATION TO A PATIENT
 (62) 2019200175

(71) Heraeus Quarzglas GmbH & Co. KG
 (21) 2019246752 (22) 08.10.2019
 (54) Capillary tube and method of producing the same
 (31) 18 199 287.6 (32) 09.10.18 (33) EP

(71) HONEYLAB LIMITED
 (21) 2019246804 (22) 09.10.2019
 (54) Honey Compositions
 (62) 2014311964

(71) Hunter Douglas Inc.
 (21) 2019246829 (22) 10.10.2019
 (54) Control of architectural opening coverings
 (62) 2017203472

(71) IGT
 (21) 2019246789 (22) 09.10.2019

Complete Applications Filed - Name Index cont'd

(54) BACK-BETTING USING A MOBILE DEVICE OR OTHER COMPUTING DEVICE
 (31) 16/216,111 (32) 11.12.18 (33) US

(71) IGT
 (21) 2019246790 (22) 09.10.2019
 (54) SYSTEM AND METHOD FOR PROVIDING ACCESS TO CRYPTOCURRENCY FROM A GAMING ESTABLISHMENT ACCOUNT
 (31) 16/184,385 (32) 08.11.18 (33) US

(71) Illumina, Inc.
 (21) 2019240733 (22) 07.10.2019
 (54) SYSTEMS AND METHODS FOR IMPROVED FOCUS TRACKING USING BLOCKING STRUCTURES
 (62) 2018201430

(71) Illumina, Inc.
 (21) 2019246860 (22) 10.10.2019
 (54) Biosensors For Biological Or Chemical Analysis And Methods Of Manufacturing The Same
 (62) 2014364006

(71) Illumina, Inc.
 (21) 2019246865 (22) 11.10.2019
 (54) Catalyst-free surface functionalized and polymer grafting
 (62) 2014284584

(71) Implantica Patent Ltd
 (21) 2019246896 (22) 11.10.2019
 (54) Hip Joint Device and Method
 (62) 2018200035

(71) Impossible Foods Inc.
 (21) 2019246895 (22) 11.10.2019
 (54) Non-dairy cheese replica comprising a coacervate
 (62) 2018200707

(71) Indigo Agriculture, Inc.
 (21) 2019246832 (22) 10.10.2019
 (54) DESIGNED COMPLEX ENDOPHYTE COMPOSITIONS AND METHODS FOR IMPROVED PLANT TRAITS
 (62) 2016258913

(71) Infastech Intellectual Properties Pte. Ltd
 (21) 2019246849 (22) 10.10.2019
 (54) Tapered lobular driver and fastener
 (62) 2017204863

(71) Inguran, LLC
 (21) 2019246835 (22) 10.10.2019
 (54) MAGNETIC REMOVAL OR IDENTIFICATION OF DAMAGED OR COMPROM-

ISED CELLS OR CELLULAR STRUCTURES
 (62) 2018260884

inodyn NewMedia GmbH see Pantel, L.
 (21) 2019246868

(71) Intervet International B.V.
 (21) 2019246812 (22) 09.10.2019
 (54) Soft chewable pharmaceutical products
 (62) 2017204246

(71) Isolynx, LLC
 (21) 2019246839 (22) 10.10.2019
 (54) FOLDED UWB MONOPOLE ANTENNA FOR BODY MOUNTED TRANSMITTER AND MANUFACTURING METHOD
 (62) 2016362964

(71) J.C. Bamford Excavators Ltd
 (21) 2019246819 (22) 09.10.2019
 (54) A MACHINE, CONTROLLER, AND CONTROL METHOD
 (31) 1816473.1 (32) 09.10.18 (33) GB

(71) Juul Labs, Inc.
 (21) 2019246867 (22) 11.10.2019
 (54) Vaporization device systems and methods
 (62) 2014369867

(71) K2M, Inc.
 (21) 2019246767 (22) 08.10.2019
 (54) SAGITTAL BALANCE SYSTEMS AND METHODS OF USE THEREOF
 (31) 16/156,600 (32) 10.10.18 (33) US

(71) Kabushiki Kaisha Toshiba
 (21) 2019246798 (22) 09.10.2019
 (54) Power generation plan developing apparatus, power generation plan developing method, and recording medium
 (62) 2017245350

(71) Kendall, J.
 (21) 2019246823 (22) 10.10.2019
 (54) METHODS OF ALTERING MF WITH GEOMETRIC SHAPED STRUCTURES

(71) Kimberly-Clark Worldwide, Inc.
 (21) 2019246751 (22) 08.10.2019
 (54) Fibrous nonwoven web with uniform, directionally-oriented projections and a process and apparatus for making the same
 (62) 2017213558

(71) Konami Gaming, Incorporated
 (21) 2019246772 (22) 08.10.2019

(54) Casino management networked computer system and methods of operating same
 (62) 2018201788

Kumamoto University see Ainylam Pharmaceuticals, Inc.
 (21) 2019246801

(71) Kura Oncology, Inc.
 (21) 2019246922 (22) 11.10.2019
 (54) Methods of treating cancer with farnesyltransferase inhibitors
 (62) 2019203548

Kyoto University see NISSAN CHEMICAL INDUSTRIES, LTD.
 (21) 2019240670

(71) LAA Industries Pty Ltd
 (21) 2019240735 (22) 07.10.2019
 (54) GENERATOR ASSEMBLY
 (62) 2015224409

(71) Landis & Gyr Pty Ltd
 (21) 2019246817 (22) 09.10.2019
 (54) ELECTRICAL MONITORING AND EVALUATION PROCESS
 (62) 2015268091

(71) Landmark Graphics Corporation
 (21) 2019246925 (22) 11.10.2019
 (54) History matching multi-porosity solutions
 (62) 2017258836

(71) Legrand Australia Pty Ltd
 (21) 2019240708 (22) 04.10.2019
 (54) Power Point Assembly
 (31) 2018903754 (32) 04.10.18 (33) AU

(71) LG Electronics Inc.
 (21) 2019246796 (22) 09.10.2019
 (54) Water purifier
 (31) 10-2018-0121341 (32) 11.10.18 (33) KR

(71) Lyft, Inc.
 (21) 2019240697 (22) 04.10.2019
 (54) Casual driver ride sharing
 (62) 2017245260

(71) Lynch, J.; Ross, G.A.
 (21) 2019246806 (22) 09.10.2019
 (54) A ground surface marker and method for surface marking

(71) Mallinckrodt Hospital Products IP Limited
 (21) 2019246828 (22) 10.10.2019

Complete Applications Filed - Name Index cont'd

(54) Administration and monitoring of nitric oxide in ex vivo fluids

(62) 2018203630

(71) MasterCard International Incorporated
(21) 2019246903 (22) 11.10.2019

(54) Method and system for distributed cryptographic key provisioning and storage via elliptic curve cryptography

(62) 2017208878

(71) MasterCard International Incorporated
(21) 2019246904 (22) 11.10.2019

(54) Method and system for card link filtering

(62) 2017251755

(71) MedicalTree Patent Ltd

(21) 2019246900 (22) 11.10.2019

(54) HEART HELP DEVICE, SYSTEM, AND METHOD

(62) 2018201849

Medizinische Hochschule Hannover see
CSL Behring AG

(21) 2019246787

(71) Merck Patent GmbH

(21) 2019246876 (22) 11.10.2019

(54) Targeted TGFβ Inhibition

(62) 2015213988

(71) Miles, S.

(21) 2019246755 (22) 08.10.2019

(54) VEHICULAR POWER SOCKET ASSEMBLY

(31) 2019900179 (32) 16.01.19 (33) AU

(71) MITSUBISHI ELECTRIC CORPORATION

(21) 2019240692 (22) 04.10.2019

(54) Positioning Device and Positioning Method

(62) 2018200386

(71) Modsel Pty Ltd

(21) 2019246854 (22) 10.10.2019

(54) Handles for a patient conveyance apparatus

(31) 2018903841 (32) 11.10.18 (33) AU

(71) Monsanto Technology LLC

(21) 2019246897 (22) 11.10.2019

(54) PLANT REGULATORY ELEMENTS AND USES THEREOF

(62) 2018200911

(71) Motorola Solutions, Inc.

(21) 2019246862 (22) 11.10.2019

(54) METHOD AND SYSTEM TO PROVIDE MISSION CRITICAL TALKGROUP

SERVICE WITH MINIMAL AUDIO TRUNCATION AND DELAY

(31) 16/175,888 (32) 31.10.18 (33) US

(71) Netflix, Inc.

(21) 2019240705 (22) 04.10.2019

(54) High dynamic range color conversion correction

(62) 2016352896

(71) Netflix, Inc.

(21) 2019246866 (22) 11.10.2019

(54) Techniques for determining client-side effects of server-side behavior using canary analysis

(62) 2016341190

(71) Network-1 Technologies, Inc.

(21) 2019246774 (22) 08.10.2019

(54) A set of servers for "machine-to-machine" communications using public key infrastructure

(62) 2014342646

(71) Nguyen, D.

(21) 2019240725 (22) 07.10.2019

(54) FIBER-REINFORCED CONCRETE – GUIDED DISTRIBUTION METHODS FOR FIBERS IN CONVENTIONAL CONSTRUCTION

(71) Nien Made Enterprise Co., Ltd.

(21) 2019246883 (22) 11.10.2019

(54) Control System for Window Shutter

(62) 2018214092

(71) NISSAN CHEMICAL INDUSTRIES, LTD.; Kyoto University

(21) 2019240670 (22) 03.10.2019

(54) Culture medium composition, and method for culturing cell or tissue using said composition

(62) 2013294057

(71) Noble Healthcare Group Pty Ltd

(21) 2019246816 (22) 09.10.2019

(54) A SYSTEM AND METHOD FOR ASSISTING CONCEPTION

(62) 2017213499

(71) Novartis AG

(21) 2019246853 (22) 10.10.2019

(54) mTOR inhibitors for enhancing the immune response

(62) 2017245411

(71) Novartis AG

(21) 2019246857 (22) 10.10.2019

(54) AMINOPYRIDINE DERIVATIVES AND THEIR USE AS SELECTIVE ALK-2 INHIBITORS

(62) 2017298187

(71) NOWWWW.US PTY LTD

(21) 2019246929 (22) 12.10.2019

(54) A System and Method for Providing Authentication and Authorisation for a Person to Perform Specific Instructions (Tasks)

(62) 2014203050

(71) NTT DOCOMO, INC.

(21) 2019240711 (22) 04.10.2019

(54) Method and apparatus for motion compensation prediction

(62) 2018204505

(71) Osvath, L.; Shapiro, C.

(21) 2019246815 (22) 09.10.2019

(54) Systems and methods for diagnosing sleep

(62) 2015204436

(71) PANDOE PTY LTD

(21) 2019240664 (22) 03.10.2019

(54) SUPPORT FRAME

(31) 2018903731 (32) 03.10.18 (33) AU

(71) Pantel, L.; inodyn NewMedia GmbH

(21) 2019246868 (22) 11.10.2019

(54) Method and system for voice activation

(62) 2014200407

Pari Pharma GmbH see CSL Behring AG

(21) 2019246787

(71) Penn, D.

(21) 2019246909 (22) 11.10.2019

(54) Shock absorbing device

(31) 2018903858 (32) 12.10.18 (33) AU

(71) Pfizer Inc.

(21) 2019240695 (22) 04.10.2019

(54) Therapeutic nanoparticles comprising a therapeutic agent and methods of making and using same

(62) 2015229210

(71) PFL Spaces International Pty Ltd

(21) 2019240723 (22) 07.10.2019

(54) A STATION AND AN INSTALLATION

(31) 2019900523 (32) 19.02.19 (33) AU

(71) PIDILITE INDUSTRIES LIMITED

(21) 2019240722 (22) 07.10.2019

(54) ORGANIC-INORGANIC HYBRID POLYMER LATEX FOR HIGH DURABLE TRAFFIC MARKING PAINT

(62) 2017239540

(71) Pioneer Hi-Bred International, Inc.

(21) 2019246847 (22) 10.10.2019

Complete Applications Filed - Name Index cont'd

(54) QTLs ASSOCIATED WITH AND METHODS FOR IDENTIFYING WHOLE PLANT FIELD RESISTANCE TO SCLEROTINIA
(62) 2017203293

(71) PIONEER HI-BRED INTERNATIONAL, INC.
(21) 2019240727 (22) 07.10.2019
(54) COMPOSITIONS AND METHODS COMPRISING MALE FERTILITY SEQUENCES
(62) 2017265123

(71) PneumatiCoat Technologies LLC
(21) 2019240681 (22) 03.10.2019
(54) Nano-engineered coatings for anode active materials, cathode active materials, and solid-state electrolytes and methods of making batteries containing nano-engineered coatings
(62) 2016270820

(71) Porter, L.
(21) 2019246861 (22) 10.10.2019
(54) FOOT CARE DEVICE
(31) 2018903832 (32) 10.10.18 (33) AU

(71) Precision Planting LLC
(21) 2019246891 (22) 11.10.2019
(54) Integrated implement downforce control systems, methods, and apparatus
(62) 2017228621

(71) Predictive Therapeutics, LLC
(21) 2019246858 (22) 10.10.2019
(54) Therapeutic and Method of Use
(62) 2014268779

(71) Pridefield Limited
(21) 2019240672 (22) 03.10.2019
(54) Live action video games
(62) 2018200365

(71) PROJECT PHOENIX, LLC
(21) 2019240710 (22) 04.10.2019
(54) System to pump fluid and control thereof
(62) 2015321757

(71) Prysmian S.p.A.
(21) 2019240699 (22) 04.10.2019
(54) Method and apparatus for installation of cables by blowing
(31) 102018000009367 (32) 11.10.18 (33) IT

(71) Qvinci Software, LLC
(21) 2019240714 (22) 04.10.2019
(54) Methods and apparatus for providing data normalization, scalability and maintainability
(62) 2013237706

(71) Rational Intellectual Holdings Limited
(21) 2019240689 (22) 04.10.2019
(54) Player-entry assignment and ordering
(62) 2018200372

(71) Remendium Labs LLC
(21) 2019240720 (22) 05.10.2019
(54) SYSTEM AND METHOD FOR KEGEL TRAINING
(62) 2015203940

(71) Riprup Company S.A.
(21) 2019240731 (22) 07.10.2019
(54) Micrometering Pump
(31) EP18210743.3 (32) 06.12.18 (33) EP

(71) Riprup Company S.A.
(21) 2019240732 (22) 07.10.2019
(54) Beverage Dispenser for High Hygienic Requirements
(31) EP18211135.1 (32) 07.12.18 (33) EP

(71) Rise Mining Developments Pty Ltd
(21) 2019246893 (22) 11.10.2019
(54) Polymer Locking Plug
(31) 2018904522 (32) 28.11.18 (33) AU

(71) Rite-Hite Holding Corporation
(21) 2019246761 (22) 08.10.2019
(54) Vehicle Alignment Systems For Loading Docks
(62) 2018201796

(71) RKLAB AG
(21) 2019246760 (22) 08.10.2019
(54) INJECTING APPARATUS AND METHOD OF USING AN INJECTING APPARATUS
(62) 2015299011

Ross, G.A. see Lynch, J.
(21) 2019246806

(71) Rovi Guides, Inc.
(21) 2019240676 (22) 03.10.2019
(54) Systems and methods for enabling users to receive access to content in closed network
(62) 2017212508

(71) Rowell, J.
(21) 2019246930 (22) 12.10.2019
(54) APPARATUS FOR PRESERVING EFFERVESCENCE IN CARBONATED BEVERAGES
(31) 2018904158 (32) 01.11.18 (33) AU

(71) Sabic Global Technologies B.V.
(21) 2019246803 (22) 09.10.2019

(54) Coated granular fertilizers, methods of manufacture thereof, and uses
(62) 2015257345

(71) Sagemcom Energy & Telecom SAS
(21) 2019246754 (22) 08.10.2019
(54) COMMUNICATION METHOD
(31) 18/59364 (32) 09.10.18 (33) FR

(71) SAMSUNG ELECTRONICS CO., LTD.
(21) 2019246927 (22) 11.10.2019
(54) Electronic device for providing hovering input effects and method for controlling the same
(62) 2013263830

(71) Santa Barbara Sistemas, S.A.
(21) 2019246757 (22) 08.10.2019
(54) Armored land vehicle
(62) 2015295819

(71) Savant Systems, LLC
(21) 2019246779 (22) 08.10.2019
(54) USER-DEFINED SCENES FOR HOME AUTOMATION
(62) 2015315382

(71) Schneider Electric (Australia) Pty Limited
(21) 2019240688 (22) 03.10.2019
(54) SWITCH INTERFACE ELEMENT
(31) 2018903769 (32) 05.10.18 (33) AU

(71) Scoot Networks, Inc.
(21) 2019246871 (22) 11.10.2019
(54) Systems and methods for regulating vehicle access
(62) 2013323782

(71) SelectiON Therapeutics GmbH
(21) 2019240693 (22) 04.10.2019
(54) Kv1.3 potassium channel antagonists
(62) 2015257694

(71) Seminis Vegetable Seeds, Inc.
(21) 2019246820 (22) 09.10.2019
(54) MELON HYBRID SVMH7844 AND PARENTS THEREOF
(62) 2019200716

(71) Sentek Pty Ltd
(21) 2019246780 (22) 08.10.2019
(54) SOIL AUGER AND METHOD OF MANUFACTURE
(62) 2015245932

(71) ServiceNow, Inc.
(21) 2019246768 (22) 08.10.2019
(54) Identifying applications with machine learning
(31) 16/163,204 (32) 17.10.18 (33) US

Complete Applications Filed - Name Index cont'd

(71) Sgrouples, Inc.
 (21) 2019246879 (22) 11.10.2019
 (54) Social platform with enhanced privacy and integrated customization features
 (62) 2013262965

Shapiro, C. see Osvath, L.
 (21) 2019246815

(71) SharkNinja Operating LLC
 (21) 2019246800 (22) 09.10.2019
 (54) SURFACE CLEANING HEAD WITH DUAL ROTATING AGITATORS
 (62) 2016342001

(71) Shaw, M.
 (21) 2019246777 (22) 08.10.2019
 (54) Modelmaking System for Designing Buildings

Sim, B. see Barton, J.
 (21) 2019240690

(71) Smith & Nephew, Inc.
 (21) 2019240726 (22) 07.10.2019
 (54) Diffusion-Hardened Medical Implant
 (62) 2018203698

(71) Smith & Nephew, Inc.; University of Massachusetts
 (21) 2019246851 (22) 10.10.2019
 (54) Negative pressure wound closure device
 (62) 2014340232

(71) Snap-on Incorporated
 (21) 2019240696 (22) 04.10.2019
 (54) Wireless torque wrench with torque specifications
 (62) 2018201434

(71) SOLETANCHE FREYSSINET
 (21) 2019246805 (22) 09.10.2019
 (54) COMPUTER STORAGE MEANS
 (31) 1859344 (32) 09.10.18 (33) FR

(71) Sony Corporation
 (21) 2019246907 (22) 11.10.2019
 (54) Image coding apparatus and method, and image decoding apparatus and method
 (62) 2015237543

(71) Steiner AG Weggis
 (21) 2019246769 (22) 08.10.2019
 (54) Method and device for pouring out milk froth, liquids or the like
 (62) 2014268223

(71) Stryker Corporation
 (21) 2019246880 (22) 11.10.2019
 (54) Control assembly for a powered surgical tool with an electric motor, the assembly including an isolated rotor position sensor
 (62) 2018200179

(71) STRYKER EUROPEAN HOLDINGS I, LLC
 (21) 2019240683 (22) 03.10.2019
 (54) LUMBAR-SACRAL SCRW INSERTION AND MANIPULATION
 (62) 2014227517

(71) Tableau Software, Inc.
 (21) 2019246901 (22) 11.10.2019
 (54) Graphical user interface that simplifies user creation of custom calculations for data visualizations
 (62) 2018236875

(71) Tata Consultancy Services Limited
 (21) 2019246890 (22) 11.10.2019
 (54) SYSTEMS AND METHODS FOR VALIDATING DOMAIN SPECIFIC MODELS
 (31) 201821038854 (32) 12.10.18 (33) IN

(71) Tata Consultancy Services Limited
 (21) 2019246932 (22) 14.10.2019
 (54) SYSTEMS AND METHODS FOR AUTONOMOUS STROBOSCOPIC MACHINE INSPECTION FOR MULTI-POINT AND MULTI-FREQUENCY VIBRATION MEASUREMENT
 (62) 2018201882

(71) Tech Plas Extrusions Pty Ltd
 (21) 2019240713 (22) 04.10.2019
 (54) A plank end cap
 (31) 2018903741 (32) 04.10.18 (33) AU

(71) Tendyne Holdings, Inc.
 (21) 2019246822 (22) 10.10.2019
 (54) IMPROVEMENTS FOR PROSTHETIC VALVES AND RELATED INVENTIONS
 (62) 2019200617

(71) Terressentia Corporation
 (21) 2019246783 (22) 08.10.2019
 (54) Alcoholic beverage maturing device
 (62) 2016338757

(71) The Australian National University
 (21) 2019240717 (22) 04.10.2019
 (54) Image processing to determine radiosity of an object

(71) The Board of Trustees of The Leland Stanford Junior University
 (21) 2019246841 (22) 10.10.2019
 (54) MULTI-ELEMENT COUPLER FOR GENERATION OF ELECTROMAGNETIC ENERGY
 (62) 2014318413

(71) The Boeing Company
 (21) 2019240561 (22) 30.09.2019
 (54) Transformable seat assembly
 (31) 16/223,569 (32) 18.12.18 (33) US
 16/223,588 18.12.18 US
 16/223,605 18.12.18 US
 16/223,531 18.12.18 US

(71) The Boeing Company
 (21) 2019240666 (22) 03.10.2019
 (54) Aircraft flight information system and method
 (31) 16/152,250 (32) 04.10.18 (33) US

(71) The Boeing Company
 (21) 2019246793 (22) 09.10.2019
 (54) Generalized virtualization platform for systems using hardware abstraction software layers
 (31) 16/176,855 (32) 31.10.18 (33) US

(71) The Boeing Company
 (21) 2019246864 (22) 11.10.2019
 (54) Composite structures constructed of wound tubular braiding
 (31) 16/179,324 (32) 02.11.18 (33) US

(71) THE CHINESE UNIVERSITY OF HONG KONG
 (21) 2019246833 (22) 10.10.2019
 (54) Maternal plasma transcriptome analysis by massively parallel RNA sequencing
 (62) 2014222312

(71) The Kahibah Bowling Club Co-op. Ltd.
 (21) 2019246831 (22) 10.10.2019
 (54) A game of skill
 (31) 2018903829 (32) 10.10.18 (33) AU

(71) THE LOUVIN GROUP PTY LTD
 (21) 2019240698 (22) 04.10.2019
 (54) AN APPLICATION SERVER AND COMPUTER READABLE STORAGE MEDIUM FOR GENERATING PROJECT SPECIFIC CONFIGURATION DATA
 (62) 2013351905

(71) The Regents of the University of California
 (21) 2019246785 (22) 08.10.2019
 (54) Chimeric antigen receptor and methods of use thereof
 (62) 2018201102

Complete Applications Filed - Name Index cont'd

(71) The Regents of the University of California
 (21) 2019246902 (22) 11.10.2019
 (54) Use of H3K9me3 modulation for enhancing cognitive function
 (62) 2016276172

(71) The Scripps Research Institute
 (21) 2019246921 (22) 11.10.2019
 (54) Novel kappa opioid ligands
 (62) 2018201522

(71) The University of Sydney
 (21) 2019246795 (22) 09.10.2019
 (54) Automatic target recognition and dispensing system
 (62) 2015362069

(71) TOOLSPACE PTY LTD
 (21) 2019246811 (22) 09.10.2019
 (54) A SEMIPERMANENT WHEELBARROW ENCLOSURE
 (31) 2018903899 (32) 16.10.18 (33) AU

(71) Transdev Group
 (21) 2019240729 (22) 07.10.2019
 (54) Dispositif électronique de pilotage d'une rampe d'accès à une porte de véhicule, véhicule, procédé de pilotage et programme d'ordinateur associés
 (31) 18 59246 (32) 05.10.18 (33) FR

(71) Truphone Limited
 (21) 2019240686 (22) 03.10.2019
 (54) Telecommunications Directory Services
 (62) 2015275882

(71) ULTRADENT PRODUCTS, INC.
 (21) 2019246782 (22) 08.10.2019
 (54) Wax-based compositions, articles made therefrom, and methods of manufacture and use
 (62) 2018232963

(71) UNISEG Products Pty Ltd
 (21) 2019240685 (22) 03.10.2019
 (54) A CONTAINER
 (62) 2015342730

(71) United States Postal Service
 (21) 2019246894 (22) 11.10.2019
 (54) LOCALIZED DATA AFFINITY SYSTEM AND HYBRID METHOD
 (62) 2017203845

University of Massachusetts see Smith & Nephew, Inc.
 (21) 2019246851

(71) ViaSat, Inc.
 (21) 2019246933 (22) 14.10.2019

(54) Broadband Satellite Communication System Using Optical Feeder Links
 (62) 2016381512

(71) ViewRay Technologies, Inc.
 (21) 2019246786 (22) 08.10.2019
 (54) SYSTEMS AND METHODS FOR LINEAR ACCELERATOR RADIOTHERAPY WITH MAGNETIC RESONANCE IMAGING
 (62) 2018206704

(71) Visa International Service Association
 (21) 2019240671 (22) 03.10.2019
 (54) METHODS FOR SECURE CRYPTOGRAM GENERATION
 (62) 2015308608

(71) Waco Africa (Pty) Ltd.
 (21) 2019246843 (22) 10.10.2019
 (54) Pontoon Scaffolding Arrangement and Related Method of Assembly
 (31) 2018/06762 (32) 11.10.18 (33) ZA

(71) West Affum Holdings Corp.
 (21) 2019240716 (22) 04.10.2019
 (54) Pressure Resistant Conductive Fluid Containment
 (62) 2015409593

(71) Wilson Wolf Manufacturing Corporation
 (21) 2019240684 (22) 03.10.2019
 (54) Improved methods of cell culture for adoptive cell therapy
 (62) 2013274416

(71) Wilson Wolf Manufacturing Corporation
 (21) 2019240734 (22) 07.10.2019
 (54) Cell culture methods and devices utilizing gas permeable materials
 (62) 2017203120

(71) Winfield Solutions, LLC
 (21) 2019246870 (22) 11.10.2019
 (54) Methods and systems for analyzing and visualizing spray patterns
 (62) 2013371498

(71) Wright Medical Technology, Inc.
 (21) 2019246766 (22) 08.10.2019
 (54) Fixation apparatus and method for total ankle replacement
 (62) 2016398429

(71) Wright Medical Technology, Inc.
 (21) 2019246771 (22) 08.10.2019
 (54) Osteotomy guide
 (62) 2018229514

(71) Wright Medical Technology, Inc.
 (21) 2019246845 (22) 10.10.2019

(54) Knotless syndesmosis system
 (62) 2016432176

(71) Wyeth LLC
 (21) 2019246878 (22) 11.10.2019
 (54) Compositions relating to a mutant Clostridium difficile toxin and methods thereof
 (62) 2018201296

(71) Xcraft Enterprises, LLC
 (21) 2019246869 (22) 11.10.2019
 (54) Unmanned aerial vehicle with detachable computing device
 (62) 2016233871

(71) Yale University
 (21) 2019246802 (22) 09.10.2019
 (54) Modular particles for immunotherapy
 (62) 2017272274

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2019226237	Everingham Tippers Pty Ltd	2019240730	BASF Plant Science Company GmbH
2019240561	The Boeing Company	2019240731	Riprup Company S.A.
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2019240658	Alnylam Pharmaceuticals, Inc.	2019240733	Illumina, Inc.
2019240663	Gold Rythmn Pty Ltd	2019240734	Wilson Wolf Manufacturing Corporation
2019240664	PANDOE PTY LTD	2019240735	LAA Industries Pty Ltd
2019240665	General Atomics	2019246751	Kimberly-Clark Worldwide, Inc.
2019240666	The Boeing Company	2019246752	Heraeus Quarzglas GmbH & Co. KG
2019240670	NISSAN CHEMICAL INDUSTRIES, LTD.; Kyoto University	2019246753	Forma Therapeutics, Inc.
2019240671	Visa International Service Association	2019246754	Sagemcom Energy & Telecom SAS
2019240672	Pridefield Limited	2019246755	Miles, S.
2019240674	Covidien LP	2019246756	Bripco BVBA
2019240676	Rovi Guides, Inc.	2019246757	Santa Barbara Sistemas, S.A.
2019240677	Biosense Webster (Israel) Ltd.	2019246758	Crew Mouldings Limited
2019240678	Dyson Technology Limited	2019246759	Bayer New Zealand Limited
2019240679	Daikin Industries, Ltd.; Daikin Europe N.V.	2019246760	RKLAB AG
2019240680	DePuy Synthes Products, Inc.	2019246761	Rite-Hite Holding Corporation
2019240681	PneumatiCoat Technologies LLC	2019246762	Cipla Limited
2019240682	DePuy Synthes Products, Inc.	2019246763	DANA-FARBER CANCER INSTITUTE, INC.; Emory University; Emory University
2019240683	STRYKER EUROPEAN HOLDINGS I, LLC	2019246764	AgroFresh Inc.
2019240684	Wilson Wolf Manufacturing Corporation	2019246765	AgroFresh Inc.
2019240685	UNISEG Products Pty Ltd	2019246766	Wright Medical Technology, Inc.
2019240686	Truphone Limited	2019246767	K2M, Inc.
2019240687	Custom Accessories Inc.	2019246768	ServiceNow, Inc.
2019240688	Schneider Electric (Australia) Pty Limited	2019246769	Steiner AG Weggis
2019240689	Rational Intellectual Holdings Limited	2019246770	Covidien LP
2019240690	Barton, J.; Sim, B.	2019246771	Wright Medical Technology, Inc.
2019240691	EMPA Eidgenössische Materialprüfungs- und Forschungsanstalt	2019246772	Konami Gaming, Incorporated
2019240692	MITSUBISHI ELECTRIC CORPORATION	2019246773	BeyondTrust Software, Inc.
2019240693	SelectION Therapeutics GmbH	2019246774	Network-1 Technologies, Inc.
2019240694	Apple Inc.	2019246775	Alzeca Biosciences, LLC; Board of Regents of The University of Texas System; Board of Regents of the University of Houston System
2019240695	Pfizer Inc.	2019246776	FISHBRAIN AB
2019240696	Snap-on Incorporated	2019246777	Shaw, M.
2019240697	Lyft, Inc.	2019246778	Corning Incorporated
2019240698	THE LOUVIN GROUP PTY LTD	2019246779	Savant Systems, LLC
2019240699	Prysmian S.p.A.	2019246780	Sentek Pty Ltd
2019240700	Byford Equipment Pty Ltd	2019246781	Biocon Limited
2019240701	Dolby International AB	2019246782	ULTRADENT PRODUCTS, INC.
2019240702	FISHER & PAYKEL HEALTHCARE LIMITED	2019246783	Terressentia Corporation
2019240703	Aristocrat Technologies Australia Pty Limited	2019246785	The Regents of the University of California
2019240704	Greeneden U.S. Holdings II, LLC	2019246786	ViewRay Technologies, Inc.
2019240705	Netflix, Inc.	2019246787	CSL Behring AG; Pari Pharma GmbH; Medizinische Hochschule Hannover
2019240706	Aristocrat Technologies Australia Pty Limited	2019246788	GE Global Sourcing LLC
2019240707	Accelaron Pharma Inc.	2019246789	IGT
2019240708	Legrand Australia Pty Ltd	2019246790	IGT
2019240709	Facebook, Inc.	2019246791	Aktiebolaget SKF
2019240710	PROJECT PHOENIX, LLC	2019246792	Eddy Current Limited Partnership
2019240711	NTT DOCOMO, INC.	2019246793	The Boeing Company
2019240712	Aristocrat Technologies Australia Pty Limited	2019246794	DEERE & COMPANY
2019240713	Tech Plas Extrusions Pty Ltd	2019246795	The University of Sydney
2019240714	Qvinci Software, LLC	2019246796	LG Electronics Inc.
2019240715	Biosense Webster (Israel) Ltd.	2019246797	BEMO PTY LTD
2019240716	West Affum Holdings Corp.	2019246798	Kabushiki Kaisha Toshiba
2019240717	The Australian National University	2019246799	Beijing DIDI Infinity Technology and Development Co., Ltd.
2019240718	Applied Medical Resources Corporation	2019246800	SharkNinja Operating LLC
2019240719	Facebook, Inc.	2019246801	Alnylam Pharmaceuticals, Inc.; Kumamoto University
2019240720	Remendium Labs LLC	2019246802	Yale University
2019240721	ARIAD Pharmaceuticals, Inc.	2019246803	Sabic Global Technologies B.V.
2019240722	PIDILITE INDUSTRIES LIMITED	2019246804	HONEYLAB LIMITED
2019240723	PFL Spaces International Pty Ltd	2019246805	SOLETANCHE FREYSSINET
2019240724	Caribou Biosciences, Inc.	2019246806	Lynch, J.; Ross, G.A.
2019240725	Nguyen, D.	2019246807	Caterpillar Global Mining Equipment LLC
2019240726	Smith & Nephew, Inc.	2019246808	Caliway Biopharmaceuticals Co., Ltd.
2019240727	PIONEER HI-BRED INTERNATIONAL, INC.		
2019240728	Aldred, D.		
2019240729	Transdev Group		

Complete Applications Filed - Numerical Index cont'd

2019246809	Aders, A.	2019246882	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung, e.V.
2019246810	Becton, Dickinson and Company	2019246883	Nien Made Enterprise Co., Ltd.
2019246811	TOOLSPACE PTY LTD	2019246884	Cantor Index LLC
2019246812	Intervet International B.V.	2019246885	Aristocrat Technologies Australia Pty Limited
2019246813	Blackhawk Network, Inc.	2019246886	Hamilton Sundstrand Corporation
2019246814	Genentech, Inc.	2019246887	Caterpillar Global Mining Equipment LLC
2019246815	Osvath, L.; Shapiro, C.	2019246888	Caterpillar Global Mining Equipment LLC
2019246816	Noble Healthcare Group Pty Ltd	2019246889	General Electric Company
2019246817	Landis & Gyr Pty Ltd	2019246890	Tata Consultancy Services Limited
2019246818	Alltech, Inc.	2019246891	Precision Planting LLC
2019246819	J.C. Bamford Excavators Ltd	2019246892	Edward Lifesciences CardiAQ LLC
2019246820	Seminis Vegetable Seeds, Inc.	2019246893	Rise Mining Developments Pty Ltd
2019246821	Beth Israel Deaconess Medical Center, Inc.; Emory University	2019246894	United States Postal Service
2019246822	Tendyne Holdings, Inc.	2019246895	Impossible Foods Inc.
2019246823	Kendall, J.	2019246896	Implantica Patent Ltd
2019246824	Agios Pharmaceuticals, Inc.	2019246897	Monsanto Technology LLC
2019246825	Ethicon Endo-Surgery, Inc.	2019246899	Aristocrat Technologies Australia Pty Limited
2019246826	Frito-Lay North America, Inc.	2019246900	MedicalTree Patent Ltd
2019246827	Gruppo Cimbali S.p.A.	2019246901	Tableau Software, Inc.
2019246828	Mallinckrodt Hospital Products IP Limited	2019246902	The Regents of the University of California
2019246829	Hunter Douglas Inc.	2019246903	MasterCard International Incorporated
2019246830	Apple Inc.	2019246904	MasterCard International Incorporated
2019246831	The Kahibah Bowling Club Co-op. Ltd.	2019246906	Flexible Steel Lacing Company
2019246832	Indigo Agriculture, Inc.	2019246907	Sony Corporation
2019246833	THE CHINESE UNIVERSITY OF HONG KONG	2019246908	Angel Playing Cards Co., Ltd.
2019246834	Aristocrat Technologies Australia Pty Limited	2019246909	Penn, D.
2019246835	Inguran, LLC	2019246910	ArthroCare Corporation
2019246836	Helius Medical, Inc	2019246921	The Scripps Research Institute
2019246838	Chillman, R.	2019246922	Kura Oncology, Inc.
2019246839	Isolynx, LLC	2019246923	Aristocrat Technologies Australia Pty Limited
2019246841	The Board of Trustees of The Leland Stanford Junior University	2019246924	Aristocrat Technologies Australia Pty Limited
2019246843	Waco Africa (Pty) Ltd.	2019246925	Landmark Graphics Corporation
2019246844	AbbVie Deutschland GmbH & Co. KG; AbbVie Inc.	2019246926	Aristocrat Technologies Australia Pty Limited
2019246845	Wright Medical Technology, Inc.	2019246927	SAMSUNG ELECTRONICS CO., LTD.
2019246847	Pioneer Hi-Bred International, Inc.	2019246929	NOWWWW.US PTY LTD
2019246848	ChemoCentryx, Inc.	2019246930	Rowell, J.
2019246849	Infastech Intellectual Properties Pte. Ltd	2019246932	Tata Consultancy Services Limited
2019246850	CATERPILLAR GLOBAL MINING EQUIPMENT LLC	2019246933	ViaSat, Inc.
2019246851	Smith & Nephew, Inc.; University of Massachusetts	2019246934	Apple Inc.
2019246852	DEKA Products Limited Partnership	2019246935	FISHER & PAYKEL HEALTHCARE LIMITED
2019246853	Novartis AG	2019246936	Franke Technology and Trademark Ltd
2019246854	Modsel Pty Ltd	2019246937	Grey Orange Pte. Ltd.
2019246855	Applied Genetic Technologies Corporation		
2019246856	Eyesmatch Ltd		
2019246857	Novartis AG		
2019246858	Predictive Therapeutics, LLC		
2019246859	FUJIFILM Corporation		
2019246860	Illumina, Inc.		
2019246861	Porter, L.		
2019246862	Motorola Solutions, Inc.		
2019246863	Endeiza Rozas, I.		
2019246864	The Boeing Company		
2019246865	Illumina, Inc.		
2019246866	Netflix, Inc.		
2019246867	Juul Labs, Inc.		
2019246868	Pantel, L.; inodyn NewMedia GmbH		
2019246869	Xcraft Enterprises, LLC		
2019246870	Winfield Solutions, LLC		
2019246871	Scoot Networks, Inc.		
2019246872	Document Storage Systems, Inc.		
2019246873	Fisher & Paykel Healthcare Limited		
2019246874	Alcresta, Inc.		
2019246875	Apple Inc.		
2019246876	Merck Patent GmbH		
2019246877	Decathlon		
2019246878	Wyeth LLC		
2019246879	Sgrouples, Inc.		
2019246880	Stryker Corporation		
2019246881	BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD.		

Innovation Patent Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 8 Oct 2019 .
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

<hr/> <p>(71) Ayers, G. (21) 2019101219 (22) 05.10.2019 (54) Fail safe pool gate system is designed to prevent a pool gate from being left open by accident or on purpose. The design incorporates two sliding gates with an inter-gate locking mechanism (sliding interlocking cross bar) that will only allow one of the gates to be open at any point in time. Each gate when in the open position prevents the other gate from opening. As such a swimmer must open one gate first, enter and close that gate behind them prior to being able to open the second gate. Each gate also has the traditional "top pull up locks" as their individual locking system.</p> <hr/>	<p>(71) Commercialisation Express Pty Ltd (21) 2019101211 (22) 03.10.2019 (54) Pet Food Dispenser (31) 2019902851 (32) 09.08.19 (33) AU</p> <hr/>	<p>(71) Jain (Deemed-to-be University) (21) 2019101175 (22) 01.10.2019 (54) Keyhole Slot Loaded and Plus Shaped Microstrip Patch Antenna for Ultra-Wideband Applications</p> <hr/>
<hr/> <p>(71) Bashir, A.; Bishop, T. (21) 2019101231 (22) 08.10.2019 (54) Autonomous flying fox roost monitoring and low-force sprinkler cooling system based on AI, ML, and LPWAN (SigFox, LoRaWAN, NB IoT)</p> <hr/>	<p>(71) Cunningham, S. (21) 2019101212 (22) 04.10.2019 (54) Galvanic Isolator with Improved High Frequency Screening for Coaxial Distribution Networks (31) 2018903774 (32) 05.10.18 (33) AU</p> <hr/>	<p>(71) MacLennan, R. (21) 2019101153 (22) 30.09.2019 (54) Hand held paint bucket, designed specifically for use with brush and mini-roller. With a magnetic wall to hold your brush in place.</p> <hr/>
<hr/> <p>(71) Basta, J. (21) 2019101226 (22) 07.10.2019 (54) Virtual Clothes Try-On Avatar - see how clothes from an online retailer would fit on a customisable avatar</p> <hr/>	<p>(71) D.I.T Technologies Ltd (21) 2019101209 (22) 03.10.2019 (54) Compositions for Administration to Ruminant Animals (31) 2018904024 (32) 23.10.18 (33) AU</p> <hr/>	<p>(71) Make Good Decisions Pty Ltd (21) 2019101217 (22) 04.10.2019 (54) A sign (31) 2018903914 (32) 16.10.18 (33) AU</p> <hr/>
<hr/> <p>(71) Ben Meir, I. (21) 2019101230 (22) 08.10.2019 (54) Bi-directional device and methods of its use (62) 2016407744</p> <hr/>	<p>(71) D.I.T Technologies Ltd (21) 2019101215 (22) 04.10.2019 (54) Compositions for Administration to Ruminant Animals (31) 2019900281 (32) 31.01.19 (33) AU 2018903768 05.10.18 AU</p> <hr/>	<p>(71) One Stop Marketing Solutions Pty Ltd (21) 2019101232 (22) 08.10.2019 (54) Composite Panel (62) PCT/AU2018/050381</p> <hr/>
<hr/> <p>Bishop, T. see Bashir, A. (21) 2019101231</p> <hr/>	<p>(71) Farquharson, P. (21) 2019101210 (22) 03.10.2019 (54) pivoting base for a hydraulic jack or combination jack/stand</p> <hr/>	<p>(71) Specialised Pool Repairs Pty Ltd (21) 2019101218 (22) 04.10.2019 (54) Method of coating concrete</p> <hr/>
<hr/> <p>(71) Bliznina, N. (21) 2019101193 (22) 02.10.2019 (54) LAND USE INDICATORS FOR REAL ESTATE MARKET Residential and Commercial Real Estate Market Data-Driven Decision-Making (31) 2018903778 (32) 07.10.18 (33) AU</p> <hr/>	<p>(71) Hinson, B. (21) 2019101192 (22) 02.10.2019 (54) The creation of a web site and data base that freely allows a local recreational pastime participant to periodically advertise on his own password protected page, for an interested tourist to accompany that local when an excursion is planned. In return, the tourist is expected to pay a proportional share of the advertised activity's excursion expenses. To obtain the local's contact details, the tourist is required to pay a small fee to the web site's administration.</p> <hr/>	<p>(71) Stanfred Metal Products Pty Ltd (21) 2019101227 (22) 07.10.2019 (54) A Vehicle Ramp</p> <hr/>
<hr/> <p>(71) Chongqing University of Posts and Telecommunications (21) 2019101229 (22) 08.10.2019 (54) A privacy-preserving authentication method for VANETs</p> <hr/>	<p>(71) INNOVATION WAVE PTY LTD (21) 2019101191 (22) 02.10.2019 (54) IMPROVED SCALP AND SKIN STIMULATING AND OILING MASSAGER</p> <hr/>	<p>(71) SunPower Corporation (21) 2019101205 (22) 03.10.2019 (54) Rectangular solar module (62) 2015267239</p> <hr/>
	<p>(71) Intervolt Pty Ltd (21) 2019101228 (22) 07.10.2019 (54) Vehicle Switching System</p> <hr/>	<p>(71) SunPower Corporation (21) 2019101206 (22) 03.10.2019 (54) Rectangular solar module (62) 2015267239</p> <hr/>
		<p>(71) SunPower Corporation (21) 2019101207 (22) 03.10.2019 (54) Solar module (62) 2015267239</p> <hr/>
		<p>(71) TTI (MACAO COMMERCIAL OFF-SHORE) LIMITED (21) 2019101214 (22) 04.10.2019 (54) Vacuum cleaner (31) 62/741,440 (32) 04.10.18 (33) US</p> <hr/>

Innovation Patent Applications Filed - Name Index cont'd

(71) WANG, L.
(21) 2019101199 (22) 03.10.2019
(54) Pusher for Planer

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2019101153	MacLennan, R.	2019101214	TTI (MACAO COMMERCIAL OFFSHORE) LIMITED
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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
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 2017203940 (1B) 2017203998 (4C) 2017204005 (1B)
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 2017204420 (1B) 2017204646 (1B) 2017204666 (5C)
 2017208197 (1B) 2017210545 (5C) 2017218996 (1B)
 2017221821 (5C) 2017221861 (5C) 2017222347 (1B)
 2017223236 (5C) 2017225081 (5C) 2017228538 (4C)
 2017228647 (5C) 2017228652 (5C) 2017232045 (5C)
 2017232138 (4C) 2017232170 (4C) 2017241321 (5C)
 2017245368 (5C) 2017247132 (1B) 2017254928 (5C)
 2017258859 (5C) 2017261550 (5C) 2017261562 (5C)
 2017261591 (1B) 2017261630 (5C) 2017261632 (5C)
 2017262385 (25D) 2017265086 (4D) 2017272323 (1B)
 2017276272 (5C) 2017279741 (1B) 2017311609 (1B)
 2017311612 (5C)

2018

2018101470 (20F) 2018200167 (4C) 2018200258 (25D)
 2018200562 (5C) 2018201561 (5C) 2018201759 (5C)
 2018201795 (4C) 2018202368 (4C) 2018202795 (5C)
 2018202869 (25D) 2018202887 (5C) 2018203345 (5CN)
 2018203407 (5C) 2018203597 (5C) 2018203998 (4C)
 2018206703 (4C) 2018208666 (5C) 2018208725 (5C)
 2018222938 (5C)

2019

2019100152 (21F) 2019206126 (1B) 2019206127 (1B)
 2019208144 (1B) 2019210623 (12C) 2019240692 (12AN)
 2019903726 (12AN)

Assignments before Grant, Section 113

2013

2013206755 Medivet PTY LTD The application has been assigned to **Medivet Biologics, LLC**.

Assignments before Grant, Section 113

2015

2015330010 Eratech S.R.L. The application has been assigned to **ZAMBON S.p.A.**

2015358823 Kirin Kabushiki Kaisha The application has been assigned to **Kirin Holdings Kabushiki Kaisha**

2015360385 Pellion Technologies, Inc. The application has been assigned to **Viking Power Systems Pte. Ltd.**

2016

2016215488 E. I. du Pont de Nemours and Company The application has been assigned to **Dupont Industrial BioSciences USA, LLC**

2016248247 Robinson, David; Mantes, Ernest The application has been assigned to **Mudjala Medical Pty Limited**

2016257164 Schneider, Robert The application has been assigned to **Lumenary Inc.**

2016270307 E I du Pont de Nemours and Company The application has been assigned to **Dupont Industrial BioSciences USA, LLC**

2016311443 Pulse Aerospace LLC The application has been assigned to **AeroVironment, Inc.**

2016340018 The Australian National University The application has been assigned to **Flex-G Pty Ltd**

2016340023 The Australian National University The application has been assigned to **Flex-G Pty Ltd**

2016347044 E. I. du Pont de Nemours and Company The application has been assigned to **Dupont Industrial BioSciences USA, LLC**

2016347048 E. I. Du Pont De Nemours and Company The application has been assigned to **Dupont Industrial BioSciences USA, LLC**

2016349902 Pulse Aerospace LLC The application has been assigned to **AeroVironment, Inc.**

2016351634 E. I. du Pont de Nemours and Company The application has been assigned to **Dupont Industrial BioSciences USA, LLC**

2016374661 Hunwick, Richard The application has been assigned to **ICSIP Pty Ltd**

2016377396 Hunwick, Richard The application has been assigned to **ICSIP Pty Ltd**

2016903928 Cog Systems Pty Ltd The application has been assigned to **Qualcomm Technologies, Inc.**

2017

2017207536 Spaterna, Andrea; Loupis, Nikolaos; Hébert, Lise; Ohayon, David; Klox Technologies Limited; Bellini, Francesco; Salvaggio, Alberto; Palumbo Piccionello, Angela; Piergallini, Remigio The application has been assigned to **Klox Technologies Limited**

Assignments before Grant, Section 113

2017245376 Swedish Orphan Biovitrum AB (publ) The application has been assigned to **IPC Research, LLC**

2017249813 Kirin Kabushiki Kaisha The application has been assigned to **Kirin Holdings Kabushiki Kaisha**

2017286522 E. I. Du Pont De Nemours and Company The application has been assigned to **Dupont Industrial BioSciences USA, LLC**

2017286524 E. I. Du Pont De Nemours and Company The application has been assigned to **Dupont Industrial BioSciences USA, LLC**

2017298399 E. I. du Pont de Nemours and Company The application has been assigned to **Dupont Industrial BioSciences USA, LLC**

2017305108 Faraday Grid Limited The application has been assigned to **Third Equation Ltd**

2017307365 Ozone Inventions Limited The application has been assigned to **Xylem Europe GmbH**

2017308212 Pellion Technologies, Inc. The application has been assigned to **Viking Power Systems Pte. Ltd.**

2017326750 Faraday Grid Limited The application has been assigned to **Third Equation Ltd**

2017337431 Kirin Kabushiki Kaisha The application has been assigned to **Kirin Holdings Kabushiki Kaisha**

2017362950 E. I. du Pont de Nemours and Company The application has been assigned to **Dupont Industrial BioSciences USA, LLC**

2017362951 E. I. Du Pont De Nemours and Company The application has been assigned to **Dupont Industrial BioSciences USA, LLC**

2017376773 E. I. du Pont de Nemours and Company The application has been assigned to **Dupont Industrial BioSciences USA, LLC**

2017382443 ASEPTISCOPE, INC.; Mader, Scott; Powers, Kelly; Peacock, W.; Maisel, Alan; Shenkal, Yuval The application has been assigned to **ASEPTISCOPE, INC.**

2017398266 Biocontrol Limited; Armata Pharmaceuticals, Inc. The application has been assigned to **Armata Pharmaceuticals, Inc.**

2018

2018212543 E. I. du Pont de Nemours and Company The application has been assigned to **Dupont Industrial BioSciences USA, LLC**

2018218341 Celex GmbH The application has been assigned to **Celex Oncology Innovations Limited**

2018244426 Dziadosz, Jason; Shanafelt, Daniel; Sheaffer, Christine; Endo Ventures Limited; Hanna, John; Berbaum, Michael The application has been assigned to **Endo Ventures Limited**

2018256666 Zhang, Lei The application has been assigned to **Parksen Group Pty Ltd**

Assignments before Grant, Section 113

2018256667 Zhang, Lei The application has been assigned to **Parksen Group Pty Ltd**

2018903033 BARRIERBAY PTY LTD The application has been assigned to **LITHTECH INDUSTRIES PTY LTD**

2018903034 BARRIERBAY PTY LTD The application has been assigned to **LITHTECH INDUSTRIES PTY LTD**

2018904195 FM IP LIMITED The application has been assigned to **FASTMOUNT LIMITED**

2018904523 Cog Systems Pty Ltd The application has been assigned to **Qualcomm Technologies, Inc.**

2018904525 Cog Systems Pty Ltd The application has been assigned to **Qualcomm Technologies, Inc.**

2018904527 Cog Systems Pty Ltd The application has been assigned to **Qualcomm Technologies, Inc.**

2018904540 Hunwick, Richard The application has been assigned to **ICSIP Pty Ltd**

2019

2019201959 Kaihua Dali Cup Co., Ltd. The application has been assigned to **Weihai Wanshuo Cup Industry Co., Ltd.**

2019202011 Yuhuan Ruijiang Computer Co., Ltd. The application has been assigned to **Zibo Junkang Stationery Co., Ltd.**

2019202064 Ningbo Junxing Daily Commodity Co., Ltd. The application has been assigned to **Weihai Zhoushi Crafts&Gifts Co., Ltd.**

2019202066 Shengzhou Huijie Household Products Co., Ltd. The application has been assigned to **Yantai Sandalwood Crafts&Gifts Co., Ltd.**

2019202242 Zhuji Hedong Crystal Co., Ltd. The application has been assigned to **Zhejiang Zhirui Technology Group Co., Ltd.**

2019202282 Zhuji Hedong Crystal Co., Ltd. The application has been assigned to **Zhejiang Zhirui Technology Group Co., Ltd.**

2019203310 Cangnan Yajia New Energy Technology Co., Ltd. The application has been assigned to **Jining Beila Lamps Co., Ltd.**

2019216602 E. I. DU PONT DE NEMOURS AND COMPANY The application has been assigned to **Dupont Industrial BioSciences USA, LLC**

Extensions of Time, Section 223

Applications Received

Extensions of Time, Section 223

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

2007358700 **Flux Federation Limited** An application to extend the time from 20 Dec 2018 to 20 Oct 2019 in which to pay a renewal fee has been filed . Address for service - AJ PARK Level 24, Tower 2, Darling Park 201 Sussex St Sydney NSW 2000 AU

2009

2009200262 **Top Idea Australia Pty Ltd** An application to extend the time from 23 Jan 2019 to 23 Sep 2019 in which to pay the renewal fee has been filed . Address for service - Watermark Intellectual Property Pty Ltd L 1 109 Burwood Rd Hawthorn VIC 3122 AU

2011

2011200766 **Pratley Investments (Proprietary) Limited** An application to extend the time from 23 Feb 2019 to 23 Oct 2019 in which to pay a renewal fee has been filed . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2014

2014209371 **H J Fischer, LLC** An application to extend the time from 23 Jan 2019 to 23 Aug 2019 in which to pay a renewal fee has been filed . Address for service - FB Rice Pty Ltd L 14 90 Collins St Melbourne VIC 3000 AU

2014236647 **Synthesis Energy Systems, Inc.** An application to extend the time from 14 Mar 2019 to 14 Oct 2019 in which to pay a renewal fee has been filed . Address for service - Davies Collison Cave Pty Ltd Level 14 255 Elizabeth Street Sydney NSW 2000 AU

2014236648 **Synthesis Energy Systems, Inc.** An application to extend the time from 14 Mar 2019 to 14 Oct 2019 in which to pay a renewal fee has been filed . Address for service - Davies Collison Cave Pty Ltd Level 14 255 Elizabeth Street Sydney NSW 2000 AU

2014240146 **Synthesis Energy Systems, Inc.** An application to extend the time from 14 Mar 2019 to 14 Oct 2019 in which to pay a renewal fee has been filed . Address for service - Davies Collison Cave Pty Ltd Level 14 255 Elizabeth Street Sydney NSW 2000 AU

2014243725 **Synthesis Energy Systems, Inc.** An application to extend the time from 14 Mar 2019 to 14 Oct 2019 in which to pay a renewal fee has been filed . Address for service - Davies Collison Cave Pty Ltd Level 14 255 Elizabeth Street Sydney NSW 2000 AU

2017

2017261473 **Ganeden Biotech, Inc.** An application to extend the time from 16 Oct 2018 to 16 Mar 2019 in which to gain acceptance and pay a continuation fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2019

2019203449 **Novartis Consumer Health S.A.** An application to extend the time from 25 Oct 2018 to 25 May 2019 in which to make a further application for a divisional patent has been filed . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 Collins Street West VIC 8007 AU

Extensions of Time, Section 223

2019204151 **Doble Telescopic Lighting Pty Ltd** An application to extend the time from 20 Dec 2018 to 20 Jun 2019 in which to make a further application for a divisional patent has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

Applications Allowed - Section 223(2)**2013**

2013254953 **Ash & Lacy Holdings Limited** The time in which to pay a renewal fee has been extended to 08 Jul 2019 . Address for service - FPA Patent Attorneys Pty Ltd Level 43 101 Collins Street Melbourne VIC 3000 AU

2014

2014329393 **PIN Pharma, Inc.** The time in which to pay a continuation fee has been extended to 03 Jun 2019 . Address for service - Pizzeyes Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 BRISBANE QLD 4001 AU

2014363695 **Intervet International B.V** Complete task: OPPOSITION and create workflow: MANUAL 20 Mar 2019 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2014364921 **Pride Mobility Products Corporation** The time in which to pay a continuation fee has been extended to 16 Jul 2019 . Address for service - Maxwells Patent & Trade Mark Attorneys Pty Ltd PO Box R1466 Royal Exchange SYDNEY NSW 1225 AU

2014365851 **Pride Mobility Products Corporation** The time in which to pay a continuation fee has been extended to 16 Jul 2019 . Address for service - Maxwells Patent & Trade Mark Attorneys Pty Ltd PO Box R1466 Royal Exchange SYDNEY NSW 1225 AU

2016

2016219782 **Spacebender Corporation** The time in which to request Examination has been extended to 04 Sep 2019 . Address for service - Davies Collison Cave Pty Ltd GPO Box 3876 Sydney NSW 2001 AU

2016433153 **Dataspark Pte, Ltd** The time in which to enter the national phase has been extended to 23 Aug 2019 . Address for service - WADESON Level 27 101 Collins Street MELBOURNE VIC 3000 AU

2017

2017361986 **Bae Systems Plc** The time in which to enter the National Phase has been extended to 15 Aug 2019 . Address for service - Shelston IP Pty Ltd. Level 9 60 Margaret Street Sydney NSW 2000 AU

2018

2018224292 **The Administrators Of The Tulane Educational Fund** The time in which to enter the National Phase has been extended to 24 Oct 2019 . Address for service - Spruson & Ferguson Level 24, Tower 2 Darling Park, 201 Sussex Street Sydney NSW 2000 AU

2019

2019202490 **Curatolo, J.** The time in which to comply with a direction under Reg 3.2A has been extended to 12 Aug 2019 . Address for service - Justine Curatolo PO BOX 309 Yarraville VIC 3013 AU

Extensions of Time, Section 223

2019204802 **Wallgarden Pty Ltd** The time in which to request Examination has been extended to 10 Oct 2019 . Address for service - Wallgarden Pty Ltd 3/2 Cawkwell Street Malvern VIC 3144 AU

2019204956 **Bellator Pty Ltd** The time in which to request Examination has been extended to 16 Oct 2019 . Address for service - Bellator Patent & Trade Mark Attorneys PO Box 515 Mosman NSW 2088 AU

2019205970 **Duke University** The time in which to request Examination has been extended to 23 Oct 2019 . Address for service - Maxwells Patent & Trade Mark Attorneys Pty Ltd PO Box R1466 Royal Exchange SYDNEY NSW 1225 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.

2008

2008272901 System and method for assigning pieces of content to time-slots samples for measuring effects of the assigned content **3M Innovative Properties Company** The nature of the amendment is: Amend the name of the inventor to read Brooks, Brian E., Canavan, Michael Kelly and Arsenault, Frederick J. . Address for service - Davies Collison Cave Pty Ltd Level 14 255 Elizabeth Street Sydney NSW 2000 AU

2014

2014212230 Method for generating retinal pigment epithelium (RPE) cells from induced pluripotent stem cells (iPSCs) **The United States of America, as represented by the Secretary, Department of Health and Human Services** The nature of the amendment is: Amend the name of the inventor to read Bharti, Kapil; Davis, Janine; Maminishkis, Arvydas and Miller, Sheldon S. . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2014272836 Heat battery assemblies and monitoring system therefor **Sunamp Limited** The nature of the amendment is: Amend the name of the inventor to read Bissell, Andrew; Gataora, Santokh Singh and Zaglio, Maurizio . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2015

2015217119 Cyclopropylamines as LSD1 inhibitors **Incyte Corporation** The nature of the amendment is as shown in the statement(s) filed 09 Oct 2019 . Address for service - Houlihan² Pty Ltd PO Box 611 BALWYN NORTH VIC 3104 AU

2015218775 Antimitotic amides for the treatment of cancer and proliferative disorders **Frost Biologic, Inc.** The nature of the amendment is as shown in the statement(s) filed 05 Sep 2019 . Address for service - Griffith Hack GPO Box 1285 MELBOURNE VIC 3001 AU

2015221449 A CONSTRUCTION ELEMENT **Greenzone Pest Innovations Pty Ltd** The nature of the amendment is as shown in the

Amendments

statement(s) filed 18 Jul 2019 . Address for service - FB Rice Pty Ltd L 14 90 Collins St Melbourne VIC 3000 AU

2015258718 Improved foam pump **DEB IP Limited** The nature of the amendment is as shown in the statement(s) filed 11 Oct 2019 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 Collins Street West VIC 8007 AU

2015265820 Cyclopropylamine compounds as histone demethylase inhibitors **IEO - Istituto Europeo di Oncologia S.r.l.** The nature of the amendment is as shown in the statement(s) filed 02 Oct 2019 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2016

2016277074 Dual bridge DC/DC power converter **Constructions Electroniques + Télécommunications** The nature of the amendment is as shown in the statement(s) filed 14 Oct 2019 . Address for service - Halfords IP GPO Box 4212 Sydney NSW 2001 AU

2016331931 Pyrrolbenzodiazepine antibody drug conjugates and methods of use **Genentech, Inc.** The nature of the amendment is as shown in the statement(s) filed 30 Sep 2019 . Address for service - Griffith Hack GPO Box 1285 MELBOURNE VIC 3001 AU

2016369326 Human immunodeficiency virus antigens, vectors, compositions, and methods of use thereof **Janssen Vaccines & Prevention B.V.** The nature of the amendment is: Amend the name of the inventor to read LANGEDIJK, Johannes Petrus Maria; CALLENDRET, Benoit Christophe Stephan; VAN MANEN, Danielle; KRARUP, Anders; STITZ, Jörn; WEGMANN, Frank and VELLINGA, Jort . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

2017

2017204885 Devices, Systems and Methods for the Whitening of Teeth **Mavrik Dental Systems Ltd.** The nature of the amendment is: Amend the name of the inventor to read SANDERS, Daniel and SPECTOR, Ben Zion . Address for service - WRAYS PTY LTD L 20 600 Bourke St Melbourne VIC 3000 AU

2017232206 SUBSTITUTED BENZALDEHYDE COMPOUNDS AND METHODS FOR THEIR USE IN INCREASING TISSUE OXYGENATION **Global Blood Therapeutics, Inc. ; The Regents of the University of California** The nature of the amendment is as shown in the statement(s) filed 20 Sep 2019 . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 BRISBANE QLD 4001 AU

2018

2018204264 Therapies for hematologic malignancies **Gilead Calistoga LLC** The nature of the amendment is as shown in the statement(s) filed 04 Oct 2019 . Address for service - FPA Patent Attorneys Pty Ltd Level 43 101 Collins Street Melbourne VIC 3000 AU

2019

2019201101 Implementation of biometric authentication **Apple Inc.** The nature of the amendment is as shown in the statement(s) filed 06 Sep 2019 . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

Amendments Made

Amendments

2012

2012279995 **Cell Therapy Limited** The nature of the amendment is as shown in the statement(s) filed 11 Jun 2019

2013

2013277637 **Mimetogen Pharmaceuticals Inc.** The nature of the amendment is as shown in the statement filed 27 Jun 2019

2013333532 **Pfizer Inc.** The nature of the amendment is as shown in the statement filed 17 Jun 2019

2014

2014229985 **Nogra Pharma Limited** The nature of the amendment is: Amend the name of the inventor to read Monteleone, Giovanni; Bellinvia, Salvatore and Viti, Francesca

2014240083 **Celgene Corporation** The nature of the amendment is as shown in the statement filed 25 Jun 2019

2014256345 **Aker BioMarine Antarctic AS** The nature of the amendment is as shown in the statement(s) filed 24 May 2019; 28 Sep 2018; 14 Aug 2018 and 24 Jul 2018

2014318623 **Western University of Health Sciences** The nature of the amendment is as shown in the statement filed 15 Jul 2019

2014321128 **The Gratify Group Pty Limited** The nature of the amendment is as shown in the statement filed 11 Jul 2019

2014327083 **Spinal Elements, Inc.** The nature of the amendment is as shown in the statement filed 17 Jul 2019

2015

2015200831 **Gemstash P/L** The nature of the amendment is: Application is to proceed under the number 2015101970

2015200889 **Gemstash P/L** The nature of the amendment is: Application is to proceed under the number 2015101971

2015274867 **Airvana LP** The nature of the amendment is as shown in the statement filed 16 Jul 2019

2015296573 **Ecolab USA Inc.** The nature of the amendment is as shown in the statement filed 15 Jul 2019

2015329798 **High Force Research Limited** The nature of the amendment is as shown in the statement filed 15 Jul 2019

2015390329 **Huawei Technologies Co., Ltd.** The nature of the amendment is as shown in the statement filed 10 Jul 2019

2016

2016203079 **Aitken, S.; Petinsky, B.** The nature of the amendment is: Application is to proceed under the number 2016102426

Amendments

2016238178 **DripDrone, Inc.** The nature of the amendment is as shown in the statement filed 08 Jul 2019

2016248247 **Mudjala Medical Pty Limited** The nature of the amendment is: Amend the name of the inventor to read Robinson, David; Mantes, Ernest and Cameron, Tracey

2016250783 **Graco Minnesota Inc.** The nature of the amendment is: Amend the name of the inventor to read Holman, John C.; Atkinson, Mike V.; Gustafson, Brandon T. and Paar, Benjamin J.

2016250786 **Graco Minnesota Inc.** The nature of the amendment is: Amend the name of the inventor to read Holman, John C.; Paar, Benjamin J.; Atkinson, Mike V. and Gustafson, Brandon T.

2016252858 **Graco Minnesota Inc.** The nature of the amendment is: Amend the name of the inventor to read Holman, John C.; Atkinson, Mike V.; Paar, Benjamin J. and Gustafson, Brandon T.

2016377573 **Colgate-Palmolive Company** The nature of the amendment is as shown in the statement filed 08 Jul 2019

2016382454 **PPG Industries Ohio, Inc.; The Regents of the University of California** The nature of the amendment is as shown in the statement filed 11 Jul 2019

2016389170 **Minimax GmbH & Co. KG** The nature of the amendment is as shown in the statement(s) filed 08 Oct 2019

2016405264 **Häfele GmbH & Co KG** The nature of the amendment is as shown in the statement filed 10 Jul 2019

2017

2017201193 **Pfizer Inc.** The nature of the amendment is as shown in the statement filed 17 Jun 2019

2017201526 **Boehringer Ingelheim Animal Health USA Inc.** The nature of the amendment is as shown in the statement filed 18 Jul 2019

2017206259 **United Laboratories International, LLC** The nature of the amendment is: Amend the invention title to read PROCESS FOR DECONTAMINATION OF HAZARDOUS SULFUR COMPOUNDS IN SOUR WATER TANKS

2017207536 **Klox Technologies Limited; Bellini, F.; Salvaggio, A.; Palumbo Piccionello, A.; Spaterna, A.; Loupis, N.; Hébert, L.; Ohayon, D.; Piergallini, R.** The nature of the amendment is: Amend the name of the inventor to read Bellini, Francesco; Salvaggio, Alberto; Palumbo Piccionello, Angela; Spaterna, Andrea; Loupis, Nikolaos; Hébert, Lise; Ohayon, David; Piergallini, Remigio and Vullo, Cecilia

2017210660 **Berg LLC** The nature of the amendment is as shown in the statements filed 04 Jul 2019 and 10 Jul 2019

2017213532 **Battelle Memorial Institute** The nature of the amendment is as shown in the statements filed 13 Jun 2019 and 18 Jun 2019

2017227414 **LG Electronics Inc.** The nature of the amendment is as shown in the statement filed 08 Jul 2019

Amendments

2017232156 **Alzeca Biosciences, LLC; Board of Regents of The University of Texas System; Board of Regents of the University of Houston System** The nature of the amendment is as shown in the statement filed 09 Jul 2019

2017240667 **Kite Pharma, Inc.** The nature of the amendment is as shown in the statement filed 23 Sep 2019

2017258933 **Patriot Campers Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2017101863

2017266677 **Martinswerk GmbH** The nature of the amendment is: Amend the name of the inventor to read Hofius, Henning; Diar Bakerly, Bashar; Mies, Martijn Jacobus Marinus and Giesselbach, Monika

2017355762 **Vacan, Inc.** The nature of the amendment is as shown in the statement filed 14 Jun 2019

2017364805 **Teijin Pharma Limited** The nature of the amendment is as shown in the statement(s) filed 12 Jun 2019 and 06 Aug 2019.

2017375491 **Milwaukee Electric Tool Corporation** The nature of the amendment is: Amend the name of the inventor to read Carlson, Mitchell; Marx, John G.; Rossetto, Paul; Schwalbach, David M.; Radovich, Kyle J. and Schulz, Cameron R.

2017398266 **Biocontrol Limited; Armata Pharmaceuticals, Inc.** The nature of the amendment is: Amend the name of the inventor to read Shaw, Karen Joy; Morales, Sandra P.; Mearns, Gillian; Rankin, Deborah A. and Smrekar, Frenk

2017405739 **TTI (Macao Commercial Offshore) Limited** The nature of the amendment is as shown in the statement filed 26 Sep 2019

2017406139 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read Antenna and terminal device

2017409368 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read MEMORY REFRESH TECHNOLOGY AND COMPUTER SYSTEM

2017411446 **Zhang, J.** The nature of the amendment is: Amend the invention title to read Rat catching box

2018

2018203638 **Antecip Bioventures II LLC** The nature of the amendment is as shown in the statement filed 09 Jul 2019

2018203733 **F. Hoffmann-La Roche AG; Chugai Seiyaku Kaibushiki Kaisha** The nature of the amendment is as shown in the statement filed 15 Jul 2019

2018211929 **Nguyen, Phuong Taylor; Curfiss, Robert C.** The nature of the amendment is: Amend the name of the inventor to read Nguyen, Phuong Taylor

Amendments

2018214034 **TTI (MACAO COMMERCIAL OFFSHORE) LIMITED** The nature of the amendment is: Application is to proceed under the number 2018102142

2018235011 **AMO Groningen B.V.** The nature of the amendment is: Amend the name of the inventor to read Canovas Vidal, Carmen; Weeber, Hendrik A. and Piers, Patricia Ann

2018240172 **Forma Therapeutics, Inc.** The nature of the amendment is as shown in the statement filed 10 Jul 2019

2018244578 **Crown Equipment Corporation** The nature of the amendment is as shown in the statement filed 16 Sep 2019

2018248297 **Sustain Holdings, LLC** The nature of the amendment is: Amend the name of the inventor to read Schlumpf, Richard Eric; Baratta, Robert and Delorey, Shawn A.

2018249092 **Yazaki Energy System Corporation** The nature of the amendment is: Amend the invention title to read Heat storage system and installation method of latent heat storage material therefor

2018252335 **Fujikura Ltd.** The nature of the amendment is: Amend the invention title to read Manufacturing method of optical fiber cable and manufacturing apparatus of optical fiber cable

2018252938 **Sestra Systems, Inc.** The nature of the amendment is: Application is to proceed under the number 2018102144

2018256634 **Patriot Campers Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2018102143

2018410566 **Tesla, Inc.** The nature of the amendment is: Amend the name of the inventor's to read YANG, Bobby; NGUYEN, Peter P.; ZAJAC, Piotr; TRIPP, Scott; WINGER, Seth M.; KLAUBER, Kaleb A.; ATCHLEY, Brian E.; ALMY, Charles; MEISEL, Andreas and MAYER, Alex

2018410566 **Tesla, Inc.** The nature of the amendment is: Amend the priority details to read 15/909,181 01 Mar 2018 US and 62/465,694 01 Mar 2017 US

2018903697 **The Sponsor-Ed Group Pty Ltd** The nature of the amendment is: Application is to proceed under number 2018417116

2019

2019101006 **THE UNIVERSITY OF ADELAIDE** The nature of the amendment is: Amend the name of the inventor to read Verma, Rupesh Kumar; Nguyen, Giang Dinh; Karakus, Murat; Golding, Simon and Taheri, Abbas

2019236698 **IMASCAP** The nature of the amendment is as shown in the statement filed 27 Sep 2019

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

2004

2004261207 **Salter Labs** The name of the patentee has been altered to **Salter Labs, LLC**

Amendments

2004280486 Thunderhead Ltd The name of the patentee has been altered to **Smartcomms SC Limited**

2007

2007354897 JDC Phosphate, Inc. The name of the patentee has been altered to **Novaphos Inc.**

2009

2009207926 Exosomics Siena S.p.a. The name of the patentee has been altered to **Exosomics S.p.A.**

2009207927 Exosomics Siena S.p.a. The name of the patentee has been altered to **Exosomics S.p.A.**

2010

2010226887 Telefonix, Incorporated The name of the patentee has been altered to **Konnectronix, Inc.**

2012

2012201227 Karl Storz GmbH & Co. KG The name of the patentee has been altered to **Karl Storz SE & Co. KG**

2015

2015320315 JDCPhosphate, Inc. The name of the applicant has been altered to **Novaphos Inc.**

2016

2016208025 Air Products and Chemicals, Inc.; ProCcare bvba The name of the applicant has been altered to **Air Products and Chemicals, Inc.; ProCcare BVBA**

2016232749 The Johns Hopkins University; University of Maryland The name of the applicant has been altered to **The Johns Hopkins University; University of Maryland, Baltimore**

2016291707 B. Braum Medical Inc. The name of the applicant has been altered to **B. Braun Medical Inc.**

2016361449 Cashwerkz Pty Ltd The name of the applicant has been altered to **CASHWERKZ TECHNOLOGIES PTY LTD**

2017

2017272268 Telefonix, Incorporated The name of the applicant has been altered to **Konnectronix, Inc.**

2018

2018230614 CarFusion 2200, Inc. The name of the applicant has been altered to **CareFusion 2200, Inc.**

2018242157 Progastrine et Cancers S.à r.l. The name of the applicant has been altered to **Progastrine et Cancers S.à.r.l.**

2019

2019201627 James A. Grasfield; Minhha Ngan Le; Duc Hong Le; Bill Russell Alexander The name of the applicant has been altered to **SafeSharp Technologies Corporation**

Amendments

2019236706 RX-SAFE, LLC The name of the applicant has been altered to **RxSafe, LLC**

Notice of Intention to Amend under Section 105 pursuant to the Federal Court Rules

Australian Patent/Patent Application 2008323025 in the name(s) of Hanwha Q CELLS & Advanced Materials Corporation

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

<p>(71) Acceleron Pharma Inc. (11) AU-A-2019240707 (21) 2019240707 (22) 04.10.2019 (54) Variants derived from ActRIIB and uses therefor (51) Int. Cl. C07K 14/705 (2006.01) A61K 38/17 (2006.01) (43) 24.10.2019 (62) 2018201131 (72) Knopf, John; Kumar, Ravindra; Seehra, Jasbir (74) Shelston IP Pty Ltd.</p> <hr/> <p>(71) Accenture Global Services Limited (11) AU-A-2019240633 (21) 2019240633 (22) 02.10.2019 (54) SYSTEM FOR AUTOMATED ANALYSIS OF CLINICAL TEXT FOR PHARMACOVIGILANCE (51) Int. Cl. G16H 10/60 (2018.01) (43) 24.10.2019 (62) 2017210493 (72) MAITRA, Anutosh; MO-HAMEDRASHEED, Annervaz Karukapadath; JAIN, Tom Geo; SHIVARAM, Madhura; SENGUPTA, Shubhashis; RAMNANI, Roshni Ramesh; PATHAK, Neetu; BANERJEE, Debapriya; SAHU, Vedamati (74) Murray Trento & Associates Pty Ltd</p> <hr/> <p>(71) Accenture Global Solutions Limited (11) AU-A-2019201733 (21) 2019201733 (22) 13.03.2019 (54) ACTIVE STATE BLOCKCHAIN SYNCHRONIZATION (51) Int. Cl. G06F 16/27 (2019.01) G06F 16/23 (2019.01) (31) 62/650,245 (32) 29.03.18 (33) US 16/117,603 30.08.18 US (43) 24.10.2019 (72) TREAT, David; GIORDANO, Giuseppe; SCHIATTI, Luca; BORNE-PONS, Hugo (74) Murray Trento & Associates Pty Ltd</p> <hr/> <p>(71) Accenture Global Solutions Limited (11) AU-A-2019201977 (21) 2019201977 (22) 21.03.2019 (54) AERIAL MONITORING SYSTEM AND METHOD FOR IDENTIFYING AND LOCATING OBJECT FEATURES (51) Int. Cl. G06N 3/02 (2006.01) B64C 39/02 (2006.01) H04W 4/02 (2018.01) (31) 15/948,256 (32) 09.04.18 (33) US</p>	<p>(43) 24.10.2019 (72) SHAH, Ketan; KUMAR, Chandan; RAWAT, Sanjay (74) Murray Trento & Associates Pty Ltd</p> <hr/> <p>(71) Addis Housewares Limited; Harsa Studio Ltd. (11) AU-A-2018204276 (21) 2018204276 (22) 15.06.2018 (54) A Reconfigurable Container (51) Int. Cl. B65D 13/00 (2006.01) (31) 18275049.7 (32) 06.04.18 (33) EP (43) 24.10.2019 (72) Cohen, Yehuda; Lee Smith, Martyn; Minyan, Refael (74) James & Wells Intellectual Property</p> <hr/> <p>(71) Alentic Microscience Inc. (11) AU-A-2019240594 (21) 2019240594 (22) 01.10.2019 (54) Sample processing for microscopy (51) Int. Cl. G02B 21/36 (2006.01) G02B 21/26 (2006.01) (43) 24.10.2019 (62) 2017245950 (72) FINE, Alan Marc (74) Spruson & Ferguson</p> <hr/> <p>(71) Alnylam Pharmaceuticals, Inc. (11) AU-A-2019240658 (21) 2019240658 (22) 03.10.2019 (54) RNAI AGENTS, COMPOSITIONS AND METHODS OF USE THEREOF FOR TREATING TRANSTHYRETIN (TTR) ASSOCIATED DISEASES (51) Int. Cl. C07H 21/00 (2006.01) A61K 31/7088 (2006.01) C12N 15/113 (2010.01) (43) 24.10.2019 (62) 2017225076 (72) RAJEEV, Kallanthottathil G.; ZIMMERMANN, Tracy; MANOHARAN, Muthiah; MAIER, Martin; KUCHIMANCHI, Satyanarayana; CHARISSE, Klaus (74) Griffith Hack</p> <hr/> <p>Alpha Innovations S.A. see ALSTOM Transport Technologies (21) 2019202017</p> <hr/> <p>(71) ALSTOM Transport Technologies; Alpha Innovations S.A. (11) AU-A-2019202017 (21) 2019202017 (22) 22.03.2019 (54) Electric power supply device, electric installation and repartition method of</p>	<p>the electric power delivered by such a device (51) Int. Cl. H02J 3/06 (2006.01) H02J 3/46 (2006.01) (31) 18 52495 (32) 22.03.18 (33) FR (43) 24.10.2019 (72) TEBOUL, Guillaume; DELPLANQUE, Jean-Pierre; FLORE, Yoann; VELAERTS, Bruno (74) Davies Collison Cave Pty Ltd</p> <hr/> <p>(71) American Greetings Corporation (11) AU-A-2019229427 (21) 2019229427 (22) 13.09.2019 (54) Systems, methods and apparatuses for creating, editing, distributing and viewing electronic greeting cards (51) Int. Cl. G06Q 30/00 (2006.01) (43) 24.10.2019 (62) 2017221816 (72) HOMMA, Masanao; REISS, Daniel Jonathan; MATOUSEK, Robert; AN-GORN, Matthew David (74) Spruson & Ferguson</p> <hr/> <p>(71) AnaptysBio, Inc. (11) AU-A-2019240593 (21) 2019240593 (22) 01.10.2019 (54) Antibodies directed against programmed death-1 (PD-1) (51) Int. Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) (43) 24.10.2019 (62) 2014259719 (72) KING, David J.; KEHRY, Marilyn (74) Spruson & Ferguson</p> <hr/> <p>(71) Angel Playing Cards Co., Ltd. (11) AU-A-2019240657 (21) 2019240657 (22) 03.10.2019 (54) Table game management system and disposal carton (51) Int. Cl. A63F 1/06 (2006.01) (43) 24.10.2019 (62) 2016371880 (72) SHIGETA, Yasushi (74) FB Rice Pty Ltd</p> <hr/> <p>(71) Apple Inc. (11) AU-A-2019232936 (21) 2019232936 (22) 20.09.2019 (54) Raise to speak (51) Int. Cl. G06F 3/01 (2006.01)</p>
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(51) Int. Cl.
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(21) 2019240679
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(11) AU-A-2019240679
(21) 2019240679 (22) 03.10.2019

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 (51) Int. Cl.
F25B 13/00 (2006.01)
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 A62B 7/00 (2006.01)
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 B65F 1/06 (2006.01)
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 B60L 9/00 (2019.01)
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B60L 53/10 (2019.01)
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B60L 53/35 (2019.01)
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B60L 53/30 (2019.01)
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B64D 9/00 (2006.01)
A61G 3/02 (2006.01)
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G16H 40/20 (2018.01)
A61B 5/00 (2006.01)
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A01G 9/029 (2018.01)
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G09F 3/04 (2006.01)
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A23L 5/00 (2016.01)
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(71) Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation
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 (21) 2019202480 (22) 09.04.2019
 (54) Stator of rotating electrical machine and method of manufacturing stator of rotating electrical machine
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H02K 1/06 (2006.01)
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D04H 1/72 (2006.01)
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A01D 34/81 (2006.01)
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G05D 99/00 (2006.01)
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A01D 34/81 (2006.01)
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(71) LG Electronics Inc.
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 (54) Lawn mower robot
 (51) Int. Cl.
A01D 34/00 (2006.01)
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B60L 50/00 (2019.01)
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 (74) Watermark Intellectual Property Pty Ltd

(71) LG Electronics Inc.
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 (54) Lawn mower robot
 (51) Int. Cl.
A01D 34/00 (2006.01)
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G05D 1/00 (2006.01)

(71) LG Electronics Inc.
 (11) AU-A-2019202377
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 (54) Lawn mower robot
 (51) Int. Cl.
A01D 34/00 (2006.01)
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(71) LG Electronics Inc.
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 (54) Lawn mower robot
 (51) Int. Cl.
A01D 34/00 (2006.01)
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 (74) Watermark Intellectual Property Pty Ltd

(71) LG Electronics Inc.
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 (54) Lawn mower robot
 (51) Int. Cl.
A01D 34/81 (2006.01)

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 (74) Watermark Intellectual Property Pty Ltd

(71) LG Electronics Inc.
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 (21) 2019202379 (22) 05.04.2019
 (54) Lawn mower robot
 (51) Int. Cl.
A01D 34/74 (2006.01)

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 (74) Watermark Intellectual Property Pty Ltd

(71) LG Electronics Inc.
 (11) AU-A-2019202380
 (21) 2019202380 (22) 05.04.2019
 (54) Lawn mower robot
 (51) Int. Cl.
A01D 34/00 (2006.01)
A01D 34/81 (2006.01)

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 (74) Watermark Intellectual Property Pty Ltd

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 (11) AU-A-2019202381
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 (54) Lawn mower robot
 (51) Int. Cl.
A01D 34/81 (2006.01)

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 A61G 17/04 (2006.01)
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 G01S 19/14 (2010.01)
 H04W 4/14 (2009.01)
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 (74) Cotters Patent & Trade Mark Attorneys

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 A61B 3/10 (2006.01)
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 (74) Davies Collison Cave Pty Ltd

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 (54) SYSTEM AND METHOD FOR SECURE APPLIANCE OPERATION
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 H04L 12/28 (2006.01)
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 (74) Griffith Hack

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 (74) Smoorenburg Patent and Trade Mark Attorneys

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 C12N 1/00 (2006.01)
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F28D 21/00 (2006.01)
B08B 3/02 (2006.01)
F02F 11/00 (2006.01)
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F28D 21/00 (2006.01)
B05B 1/24 (2006.01)
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F04D 29/66 (2006.01)
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(74) Shelston IP Pty Ltd.

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B05B 9/04 (2006.01)
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B60S 3/00 (2006.01)

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(71) Northern Tool & Equipment Company, Inc.

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(54) Modular design for pressure washer systems
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B05B 15/60 (2018.01)

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(74) Shelston IP Pty Ltd.

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G07F 17/32 (2006.01)
G06Q 20/36 (2012.01)
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(74) ASTRAL IP PTY LIMITED

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H04N 11/02 (2006.01)

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(54) Tamper Evident Container
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B65D 41/32 (2006.01)
B65D 43/02 (2006.01)

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A61K 8/31 (2006.01)
A61K 8/88 (2006.01)
C09K 15/04 (2006.01)
C09K 15/22 (2006.01)

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A61K 47/12 (2006.01)
A61K 9/107 (2006.01)
A61K 9/51 (2006.01)
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A61K 47/28 (2006.01)
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C09D 1/00 (2006.01)
C09D 107/02 (2006.01)

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C07K 14/415 (2006.01)
C12N 15/82 (2006.01)

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H01M 10/0562 (2010.01)
H01M 6/18 (2006.01)
H01M 6/22 (2006.01)
H01M 10/052 (2010.01)
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A63F 13/45 (2014.01)
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F04C 14/24 (2006.01)
F04C 14/08 (2006.01)
F04C 15/00 (2006.01)
F04C 29/12 (2006.01)
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 (74) Griffith Hack
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B60P 3/34 (2006.01)
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B62D 63/06 (2006.01)
B62D 63/08 (2006.01)
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A63B 71/00 (2006.01)
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 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
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F02D 41/38 (2006.01)
F02M 49/02 (2006.01)
F02M 53/04 (2006.01)
F02M 57/02 (2006.01)
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C09C 3/12 (2006.01)
C09C 1/36 (2006.01)
C09D 7/65 (2018.01)
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C07K 14/47 (2006.01)
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 (72) Klostermann, Andreas; Stockhaus, Jorg
 (74) Allens Patent & Trade Mark Attorneys
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A61K 36/31 (2006.01)
A61P 17/00 (2006.01)
A61Q 19/08 (2006.01)
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A61F 2/28 (2006.01)
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 WEAVER, Carolyn
 (74) Davies Collison Cave Pty Ltd
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 (54) Wireless torque wrench with torque
 specifications
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G01L 5/24 (2006.01)
B25B 21/00 (2006.01)
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 (54) AUTOMATED SYSTEM AND DEVICE
 FOR MANAGING A PLURALITY OF
 OPERATIONS ASSOCIATED WITH A
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G05B 19/00 (2006.01)
H02J 3/00 (2006.01)
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 FOR OVEN-BAKED PRODUCTS
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A21C 11/10 (2006.01)
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G06Q 20/32 (2012.01)
G06Q 20/16 (2012.01)
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 Spencer, Daniel; Firestone, Eric;
 Huang, Sophia
 (74) FB Rice Pty Ltd
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- (71) Star Co., Ltd
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 (54) DRAWING-OUT TOOL FOR SHEET
 METAL
 (51) Int. Cl.
B21D 1/06 (2006.01)
B23K 9/20 (2006.01)
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 HANGING RAIL AND MOUNTING
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 (This list may contain multiple listings of a patent where there are multiple patentees for that patent.)

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a curved piece which creates a gentle radius mainly used in photography backdrops.

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 (51) Int. Cl.

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(54) An accessory tool for a surface cleaning apparatus
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(54) Drainage treatment system

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(74) WRAYS PTY LTD

(71) West China Hospital, Sichuan University
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(54) Cotton Packaging Roll Film and Preparation Method Thereof
(51) Int. Cl.
B65H 69/02 (2006.01)
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2019101092	2019101014	2019101030	2019101094	
<u>B01D 29 /-</u>	<u>B65D 1 /-</u>	<u>E04H 15 /-</u>	<u>F26B 1 /-</u>	
2015101957	2019101119	2019100949	2017101861	
<u>B01D 45 /-</u>	<u>B65D 21 /-</u>	<u>E06C 7 /-</u>	<u>F26B 21 /-</u>	
2017101861	2019101119	2019101032	2017101861	
<u>B01D 53 /-</u>	<u>B65D 25 /-</u>	<u>F01N 11 /-</u>	<u>F26B 23 /-</u>	
2019101094	2019101119	2019101099	2017101861	
<u>B08B 3 /-</u>	<u>B65D 41 /-</u>	<u>F01N 13 /-</u>	<u>G01J 1 /-</u>	
2019101072	2019101119	2019101099	2019101075	
<u>B21C 23 /-</u>	<u>B65D 65 /-</u>	<u>F02B 77 /-</u>	<u>G01N 13 /-</u>	
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B65B 3/04 (2006.01)
B67C 3/16 (2006.01)
B67C 3/26 (2006.01)
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A47G 23/16 (2006.01)
B65D 43/02 (2006.01)
G01B 7/30 (2006.01)
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C01B 3/34 (2006.01)
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A61F 2/46 (2006.01)
A61B 17/02 (2006.01)

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C12Q 1/68 (2018.01)
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A21C 11/16 (2006.01)
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E21C 35/183 (2006.01)
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A61M 5/32 (2006.01)
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 (54) Coating composition and method of making and using the same
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 (54) Method for recognising an object of a mobile unit
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 A23L 33/00 (2016.01)
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 A23L 33/21 (2016.01)
 A61K 31/702 (2006.01)
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 A61B 3/024 (2006.01)
 A61B 3/11 (2006.01)
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 (51) Int. Cl.
 A61L 27/24 (2006.01)
 A61K 38/39 (2006.01)
 A61L 17/08 (2006.01)
 A61L 27/54 (2006.01)
 C07K 14/47 (2006.01)
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 (51) Int. Cl.
 F16M 11/04 (2006.01)
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 G03B 17/56 (2006.01)
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F24S 10/95 (2018.01)
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2018259144	<u>B32B 5 /-</u>	2018229817	2018229817	2018238165	2018238165
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2017411905	<u>B41F 27 /-</u>	2018297028	2018243691	2018235127 2018251237 2018260733	2018235127 2018251237 2018260733
<u>B01L 3 /-</u>	2018253297	<u>B65G 15 /-</u>	<u>C07D 277 /-</u>	<u>C07K 19 /-</u>	<u>C12P 21 /-</u>
2018244192 2018257567 2018279083	<u>B60C 15 /-</u>	2018352823	2018251687	2018274579	2018235127
<u>B05B 7 /-</u>	<u>B60C 9 /-</u>	<u>B65H 1 /-</u>	<u>C07D 401 /-</u>	<u>C07K 7 /-</u>	<u>C12P 7 /-</u>
2018250229	2017411632	2018279083	2018250214	2018251237	2018260733
<u>B05D 3 /-</u>	<u>B60T 13 /-</u>	<u>B67C 3 /-</u>	<u>C07D 403 /-</u>	<u>C08J 5 /-</u>	<u>C12Q 1 /-</u>
2018227081	2018229818	2018292508	2018269667	2018247704	2018236166 2018243461 2018244192 2018244307 2018244373 2018248304 2018251993 2018258263 2018258457 2018281745
<u>B08B 3 /-</u>	<u>B60T 8 /-</u>	<u>B82Y 10 /-</u>	<u>C07D 405 /-</u>	<u>C09D 1 /-</u>	
2018250229	2018229818	2018230440 2018230642	2018251687	2018227081	
<u>B08B 5 /-</u>	<u>B63B 35 /-</u>	<u>C01B 3 /-</u>	<u>C07D 471 /-</u>	<u>C09D 7 /-</u>	
2018246785	2018405540	2018249486	2018234985 2018236336	2018227081	

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2018246551	2018247563	2018337851	2018248306	2018249514 2018255941	2018234345
C22B 1 /-	E04B 2 /-	E21B 10 /-	F03G 6 /-	F17C 13 /-	F25D 21 /-
2018228271	2018229257	2018255750 2018259954	2018237999	2018259144	2018234345
C22B 26 /-	E04B 5 /-	E21B 17 /-	F04B 19 /-	F17C 5 /-	F25D 29 /-
2018228271	2018229677	2017404493	2018246009	2018259144	2018234345
C22B 3 /-	E04C 3 /-	E21B 21 /-	F04B 43 /-	F17D 1 /-	F28D 15 /-
2018228271	2018254275	2018237370	2018228760 2018248036	2018248685	2018248396
C22C 38 /-	E04C 5 /-	E21B 34 /-	F04C 15 /-	F17D 5 /-	F28D 20 /-
2018246551	2018229677	2018234823	2018253007	2018249209	2018243393 2018248396 2018249092
D05C 15 /-	E04F 13 /-	E21B 43 /-	F04C 2 /-	F23C 10 /-	F41H 5 /-
2018243393	2018238972	2018248685	2018253007	2017411905	2018247704
E01B 1 /-	E04G 15 /-	E21B 47 /-	F04D 31 /-	F23J 7 /-	F42B 12 /-
2017408413	2018228278	2017404493 2018237370	2018248685	2018242708 2018245202	2017361986
E01B 13 /-	E04G 21 /-	E21C 25 /-	F04F 7 /-	F23K 5 /-	F42B 27 /-
2017406925	2018228278	2018259954	2018246009	2018245202	2017361986
E01B 3 /-	E04H 14 /-	E21C 35 /-	F16B 12 /-	F23R 3 /-	G01B 21 /-
2017408413	2018405540	2018259954	2018247563	2017409263 2018242708 2018245202	2018251224
E01B 7 /-	E04H 3 /-	E21D 23 /-	F16B 2 /-		G01B 7 /-
2017406925	2018405540	2018405439	2018228476	F24F 13 /-	2018241519
E01B 9 /-	E04H 4 /-	E21D 9 /-	F16B 7 /-	2017415672	G01D 21 /-
2017406925	2018405539	2018255750 2018259954	2017406638	F24F 5 /-	2018241519
E01C 13 /-	E05B 15 /-	F01K 25 /-	F16B 9 /-	2018249092	G01F 1 /-
2018243393	2018248090	2019226944	2018228476	F24S 10 /-	2018279083
E01D 19 /-	E05B 27 /-	F02C 3 /-	F16K 3 /-	2018237999 2018248396 2018249093	G01F 23 /-
2018254275	2018248090	2018242708 2018245202	2018234823	F24S 20 /-	2018279083
E02B 17 /-	E05B 29 /-	F02C 7 /-	F16K 99 /-	2018249093	G01J 4 /-
2018405540	2018248090	2017409263 2018242708 2018245202	2018257567	F24S 23 /-	2018230648
E02B 3 /-	E05B 65 /-	F02C 9 /-	F16L 3 /-	2018249093	G01J 5 /-
2018405540	2018248090	2018242708	2018247589	F24S 60 /-	2018230648
E02D 3 /-	E05B 67 /-	F02K 7 /-	F16L 5 /-	2018237999	G01M 3 /-
2018248738	2018248090	2018242708	2018228278	F25B 21 /-	2018250311
E02F 9 /-	E05B 73 /-	F03D 7 /-	F16L 55 /-	2018234345	G01N 11 /-
2018299284 2018305080 2018305081	2018248090	2017409263	2018248685	F25D 15 /-	2018236217
E03C 1 /-	E05C 19 /-	F03D 7 /-	F16M 11 /-	2018234345	G01N 21 /-
2017411393	2018248090	2018248306	2018249514 2018255941	2018234345	2018238226
	E05F 1 /-				
	2018254677				

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<u>G01N 23 /-</u>	<u>G06F 15 /-</u>	<u>G11B 27 /-</u>	<u>H01S 3 /-</u>	<u>H04W 24 /-</u>
2018254414 2018263076	2017407363	2018260403	2017404913	2017405544 2018236614
<u>G01N 27 /-</u>	<u>G06F 16 /-</u>	<u>G11C 11 /-</u>	<u>H02G 3 /-</u>	<u>H04W 4 /-</u>
2018228511 2018247588 2018250311	2017401161	2017409368	2018233126	2018228265 2018310477
<u>G01N 29 /-</u>	<u>G06F 17 /-</u>	<u>G16H 20 /-</u>	<u>H02J 7 /-</u>	<u>H04W 60 /-</u>
2018250311	2018310377	2018249369 2018250022	2018243593 2018247552	2018240192
<u>G01N 33 /-</u>	<u>G06F 3 /-</u>	<u>H01G 11 /-</u>	<u>H02K 35 /-</u>	<u>H04W 72 /-</u>
2018236166 2018236217 2018238165 2018238226 2018242157 2018243461 2018244307 2018250961 2018253937 2018254584 2018258457	2018256967	2018234158	2019226944	2017403663 2017405790 2018246761
	<u>G06K 19 /-</u>	<u>H01L 27 /-</u>	<u>H02K 7 /-</u>	<u>H04W 76 /-</u>
	2018262628	2018244291	2019226944	2018236614
	<u>G06K 9 /-</u>	<u>H01L 33 /-</u>	<u>H04B 10 /-</u>	<u>H04W 8 /-</u>
	2018230648 2018247817	2018244291	2017419963 2018236977	2018240192
	<u>G06N 3 /-</u>	<u>H01M 10 /-</u>	<u>H04B 7 /-</u>	<u>H04W 84 /-</u>
	2018238195	2018234158 2018248396	2017403597 2017405790	2017406364
	<u>G06N 99 /-</u>	<u>H01M 4 /-</u>	<u>H04L 12 /-</u>	<u>H05B 3 /-</u>
	2018230440 2018230642	2018266709	2017406364 2018377057	2018241239
<u>G01S 13 /-</u>	<u>G06Q 10 /-</u>	<u>H01M 6 /-</u>	<u>H04L 29 /-</u>	<u>H05B 33 /-</u>
2017414401	2018254439	2018234158	2017406364 2017407363 2018257949	2018244291
<u>G01V 1 /-</u>	<u>G06Q 30 /-</u>	<u>H01Q 1 /-</u>	<u>H04L 5 /-</u>	<u>H05F 3 /-</u>
2018235753	2018228643	2017406139 2018241289 2018262628	2018237990	2018228511
<u>G01V 5 /-</u>	<u>G06Q 40 /-</u>	<u>H01Q 13 /-</u>	<u>H04L 9 /-</u>	<u>H05K 5 /-</u>
2018263076	2018231698	2017405108	2017406364 2018257949 2018310377	2018228511
<u>G02B 5 /-</u>	<u>G06Q 50 /-</u>	<u>H01Q 21 /-</u>	<u>H04M 1 /-</u>	<u>H05K 7 /-</u>
2018230648	2018299284 2018305080 2018305081	2017405108	2018249514	2018248396
<u>G02B 6 /-</u>	<u>G06T 7 /-</u>	<u>H01Q 5 /-</u>	<u>H04M 11 /-</u>	
2017404912 2018250693	2018247817	2017406139	2018377057	
<u>G02C 13 /-</u>	<u>G09B 9 /-</u>	<u>H01Q 7 /-</u>	<u>H04M 3 /-</u>	
2018244271	2018241458	2018241289	2018228265	
<u>G02C 7 /-</u>	<u>G10L 19 /-</u>	<u>H01Q 9 /-</u>	<u>H04N 21 /-</u>	
2018235011 2018244271	2018239892	2017405108	2017407363 2018239892	
<u>G02F 1 /-</u>	<u>G10L 21 /-</u>	<u>H01R 11 /-</u>	<u>H04N 7 /-</u>	
2018246785	2018241963 2018246838	2018228511	2017407363	
<u>G03B 17 /-</u>	<u>G10L 25 /-</u>	<u>H01R 13 /-</u>	<u>H04R 25 /-</u>	
2018255941	2018241963 2018246838	2018233126	2018260607	
<u>G05B 13 /-</u>		<u>H01R 4 /-</u>		
2018243290		2018228511		
<u>G05D 23 /-</u>				
2018241239				

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 A61K 31/56 (2006.01)
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 A61L 27/20 (2006.01)
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A61K 51/00 (2006.01)
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G01N 30/60 (2006.01)
G21G 4/08 (2006.01)
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2014273118	Bracco Imaging SpA	2015269334	Qualcomm Incorporated
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2014338988	BAE Systems plc	2015317724	Bayer CropScience LP
2014339900	President and Fellows of Harvard College; Dana-Farber Cancer Institute, Inc.	2015321421	Medical University of Vienna; St Vincent's Hospital Sydney Limited
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2014374256	Veritas Technologies LLC	2015334883	Elobix AB
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2014395130	L3 Technologies, Inc.	2015339910	Qualcomm Incorporated
2014399919	Dragon Victory Development Ltd.	2015352677	Trophea Development AB
2014401750	Oxolife S.L	2015353523	The Johns Hopkins University
2015200935	BIOSENSE WEBSTER (ISRAEL) LTD.	2015353601	The Johns Hopkins University
2015201691	Covidien LP	2015353713	LexisNexis, A Division of Reed Elsevier Inc.
2015201720	ANOVA APPLIED ELECTRONICS, INC.	2015355241	Pulse Biosciences, Inc.
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2015213655	Leidos Innovations Technology, Inc.	2015366210	Haulotte Group
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2015239696	H. Lundbeck A/S	2015412966	Shyu Fuu Industrial Co., Ltd.
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2017204735	MBJ Water Partners	2018201274	Ballance Agri-Nutrients Limited
2017204777	BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM	2018202299	Genetic Technologies Limited
2017204814	Selecta Biosciences, Inc.	2018202582	Optis Wireless Technology, LLC
2017206192	Yang, T.	2018202867	Dolby Laboratories Licensing Corporation; Dolby International AB
2017206226	Rani Therapeutics, LLC	2018203230	Biofouling Technologies, Inc.
2017206783	Medtronic Inc.	2018203409	Qualcomm Incorporated
2017208270	Koninklijke Nederlandse Akademie Van Wetenschappen	2018203685	Syngenta Participations AG
2017209357	Beijing Fullcan Biotechnology Co., LTD	2018203756	The Trustees of the University of Pennsylvania
2017210619	Rearden, LLC	2018203784	Innospec Limited
2017211591	Unitec S.p.A.	2018204298	BEACH, J.E.
2017215677	Gree Electric Appliances, Inc. of Zhuhai	2018204335	D and D Manufacturing
2017216564	Cold Rush Refrigerated Lockers Pty Ltd	2018204904	Smith & Nephew, Inc.
2017218738	Przybycin, M.	2018205044	Merge Labs, Inc.
2017225076	Alynlym Pharmaceuticals, Inc.	2018205112	Wuhan Kaidi Engineering Technology Research Institute Co., Ltd.
2017225113	ICM Airport Technics Australia Pty Ltd	2018217997	Toshiba Energy Systems & Solutions Corporation; Kabushiki Kaisha Toshiba
2017227948	Siemens Aktiengesellschaft	2018218181	Relectrify Holdings Pty Ltd
2017228587	Bavarian Nordic A/S	2018222880	General Electric Company
2017228631	Stryker Corporation	2018226448	FTR Labs Pty Ltd
2017229468	Innovative Building Technologies, LLC	2018229551	HerdDogg, Inc.
2017240487	Becton, Dickinson and Company	2018236757	Dolby International AB
2017243810	Haddenham Healthcare Limited	2018241042	Dr. Ing. h.c.F. Porsche Aktiengesellschaft
2017248501	Google LLC	2018241064	Dolby International AB
2017249489	Elkem ASA	2018253568	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI
2017252287	MTD Products Inc	2018253650	Nelson Irrigation Corporation
2017257466	3M Innovative Properties Company	2018260859	British American Tobacco (Investments) Limited
2017258097	AbbVie Inc.	2018267592	McCOUBREY, N.
2017261467	Genmab A/S	2018267597	TTI (MACAO COMMERCIAL OFFSHORE) LIMITED
2017265026	Biogen MA Inc.	2018279025	CRRC QIQIHAR ROLLING STOCK CO., LTD.
2017265049	Santarus, Inc.	2019200043	ULTRADENT PRODUCTS, INC.
2017265161	United Technologies Corporation	2019200344	Bally Gaming, Inc.
2017266813	LG Electronics Inc.	2019200555	SPRING LOADED TECHNOLOGY INCORPORATED
2017268588	Foresight Biotherapeutics, Inc.	2019200596	Owens-Brockway Glass Container Inc.
2017268589	Allergan Industrie, SAS	2019200812	Intercontinental Great Brands LLC
2017272200	Traumatek Solutions B.V.	2019201921	Intersurgical AG; Nasir, M.
2017272243	Tata Consultancy Services Limited	2019204770	Hyper Ice, Inc.
2017274509	Becton, Dickinson and Company	2019216730	Cardinal Health Switzerland 515 GmbH
2017274510	Becton, Dickinson and Company	2019232810	Morehouse School of Medicine; Devmar Products, LLC; Innovative Environmental Companies
2017276162	Xyleco, Inc.		
2017279857	Siemens Mobility GmbH		
2017281615	ClearCorrect Operating, LLC		
2017282889	Ping An Technology (Shenzhen) Co., Ltd.		
2017292050	Dairyionics Ltd		

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2015381218	2015317724	<u>A23L 29 /-</u>	2017330612	2017203233	2015292615
<u>A01G 9 /-</u>	<u>A01N 55 /-</u>	2014350419	2018204904	2017206783	2017203588
2015381218	2015317724	<u>A23L 33 /-</u>	2019200043	2017228631	2017228587
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2017292050	2013371825	2015279116	2016427629	<u>A61F 5 /-</u>	2017258097
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<u>A01K 11 /-</u>	2015367768	2014346863	2015353523	2017257466	2015245122
2018229551	<u>A01P 17 /-</u>	<u>A47B 96 /-</u>	<u>A61B 5 /-</u>	<u>A61G 7 /-</u>	2017203588
<u>A01K 5 /-</u>	2015367768	2017216564	2014346863	2015292418	2017204814
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2015367768	2017385947	<u>A47J 27 /-</u>	2017274510	2015239655	2014274457
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2018203685	2015411375	2017314626	2017281615	2015334883	2017268589
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2015367768	<u>A23L 19 /-</u>	2017380305	2017281615	2017225076	2017203588
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2015367768	2015201691	<u>A61B 17 /-</u>	2016370745	2017268588	2017265049
	2015243085	<u>A61F 13 /-</u>	<u>A61C 9 /-</u>	2018200436	2018200719
		2015223173	2017281615	2018200632	<u>A61K 8 /-</u>
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			2014401750	<u>A61K 38 /-</u>	2018200989
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			2014310360	2014310360	2017268589
			2015304963	2015304963	2017345731
			2017265026	2017265026	2018200989
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2015261570	2014259556	2018204335	2014368721	B64F 1 /-	2015367768
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2015334883	2017209357	2018205112	B60J 3 /-	2017211591	2018200632
2017209357	A61P 9 /-	B01J 35 /-	2015412966	B66B 13 /-	C07D 281 /-
2018201095	2015239655	2018205112	B60P 1 /-	2015268568	2015334883
A61P 15 /-	2015269247	B04B 1 /-	2015243072	B66F 11 /-	C07D 303 /-
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2015352677	A61Q 11 /-	2017351684	2015366210	2015366210	2016326657
2018200719	2017268589	B05B 1 /-	B61D 17 /-	C01B 39 /-	C07D 319 /-
A61P 19 /-	A62B 18 /-	2018253650	2018279025	2014259556	2016326657
2014275101	2016206435	B05B 15 /-	B61D 7 /-	C01F 13 /-	C07D 401 /-
2014352875	A62B 23 /-	2018253650	2018279025	2014308140	2015362844
2015239655	2016206435	B21D 28 /-	B61L 1 /-	C01G 41 /-	C07D 403 /-
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2015292615	2018203230	2014225372	<u>D01D 13 /-</u>	<u>F03D 1 /-</u>	<u>F24S 23 /-</u>
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<u>C07K 16 /-</u>	2015326927	2016296999	<u>D01D 4 /-</u>	<u>F03D 17 /-</u>	<u>F25B 49 /-</u>
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2014287196	<u>C09J 153 /-</u>	<u>C12R 1 /-</u>	<u>D01D 5 /-</u>	<u>F03D 80 /-</u>	<u>F28D 20 /-</u>
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2015206788	<u>C10G 1 /-</u>	<u>C21C 1 /-</u>	<u>D03D 15 /-</u>	<u>F04B 47 /-</u>	<u>G01B 11 /-</u>
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2017258097	<u>C10G 2 /-</u>	<u>C21D 5 /-</u>	<u>D04H 1 /-</u>	<u>F16B 43 /-</u>	2017297405
2017261467	2018205112	2017265161	2017204777	2018253650	<u>G01B 17 /-</u>
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2017265049	2018203784	2014368721	2015327371	2019200555	<u>G01B 9 /-</u>
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2015258863	2018203784	2016404384	2016208400	2018253568	<u>G01C 21 /-</u>
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2015258863	2019232810	2014308140	2016208400	2015306064	2017282889
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2014374256	2016211444	<u>H04L 5 /-</u>	<u>H05K 1 /-</u>
			2014395130

Certified Innovation Patents

Name Index

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

(71) Apple Inc.
 (11) AU-B-2018101337
 (21) 2018101337 (22) 12.09.2018
 (54) Coupling structures for electronic device housings
 (51) Int. Cl.
 H04M 1/02 (2006.01)
 B29C 45/14 (2006.01)
 H01Q 1/24 (2006.01)
 H01Q 1/38 (2006.01)
 H04M 1/18 (2006.01)
 H05K 7/18 (2006.01)
 (45) 24.10.2019
 (62) PCT/US2017/041545
 (72) Gable, Brian M.; Nallo, Carlo Di; Ely, Colin M.; Horton, Craig A.; de Jong, Erik G.; Rothkopf, Fletcher R.; Wettersten, Henry B.; Li, Hoishun; Sauers, Jason C.; Nath, Jayesh; Martinis, Mario; Pascolini, Mattia; Coleman, Michael P.; Ehman, Rex T.; Wang, Zheyu
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
 (11) AU-B-2019100876
 (21) 2019100876 (22) 09.08.2019
 (54) Mobile zoom using multiple optical image stabilization cameras
 (51) Int. Cl.
 H04N 5/232 (2006.01)
 G02B 13/00 (2006.01)
 G02B 15/12 (2006.01)
 (45) 24.10.2019
 (62) 2018102069
 (72) MILLER, Scott W.; SHARMA, Shashank; LEE, Simon S.
 (74) FPA Patent Attorneys Pty Ltd

(71) Auvenco Pty Ltd
 (11) AU-B-2019100798
 (21) 2019100798 (22) 23.07.2019
 (54) COMPOSITE STRUCTURAL MEMBER FOR A BUILDING STRUCTURE
 (51) Int. Cl.
 E04C 3/06 (2006.01)
 (45) 24.10.2019
 (62) 2016200130
 (72) WEBB, Ronald Joseph; WEBB, Hamish John
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) DBI Holding, LLC
 (11) AU-B-2018100493
 (21) 2018100493 (22) 02.02.2018
 (54) Systems and methods for automating the application of friction-modifying coatings
 (51) Int. Cl.
 B05D 5/02 (2006.01)

Numerical Index

2018100493 DBI Holding, LLC
2018101337 Apple Inc.
2019100798 Auvenco Pty Ltd
2019100876 Apple Inc.

IPC Index

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B05D 5 /-

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B29C 45 /-

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E01C 19 /-

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E04C 3 /-

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G02B 13 /-

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G02B 15 /-

2019100876

H01Q 1 /-

2018101337

H04M 1 /-

2018101337

H04N 5 /-

2019100876

H05K 7 /-

2018101337

Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Lodged

2013101518	THE ADVANCED TECHNOLOGY GROUP PTY LTD (FOXTEL Management Pty Ltd)
2015267239	SunPower Corporation (LONGi Green Energy Technology Co. Ltd)
2016251799	Illinois Tool Works Inc. (Trydel Research Pty Ltd)
2016363478	Siemens Aktiengesellschaft (SIEMAG TECBERG GmbH)
2017202542	The Broad Institute, Inc.; President and Fellows of Harvard College; Massachusetts Institute of Technology (JH Corporate Services Pty Ltd)
2018200689	The Coca-Cola Company; PureCircle Sdn Bhd (Spicer Spicer Pty Ltd)
2018279029	SunPower Corporation (LONGi Green Energy Technology Co. Ltd)
2018279033	SunPower Corporation (LONGi Green Energy Technology Co. Ltd)
2018279035	SunPower Corporation (LONGi Green Energy Technology Co. Ltd)

Opposition Withdrawn

2012250274	Orica Explosives Technology Pty Ltd (Dyno Nobel Inc.)
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Patents Granted

Standard Patents

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2013368326	2013398102	2014201683	2014204500
2014219281	2014220647	2014227497	2014233198
2014237343	2014240083	2014245793	2014248886
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2015376854	2015377836	2015390329	2015395741
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Patents Granted

Standard Patents

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2017349176	2017349775	2017355762	2017365170
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2019101086	2019101092	2019101094	2019101096
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Assignments Registered

2002315471 Cree, Inc. The patent has been assigned to **IDEAL INDUSTRIES LIGHTING LLC**

2004212641 Natrix Separations Inc. The patent has been assigned to **Merck Millipore Ltd.**

2004277627 Cree, Inc. The patent has been assigned to **IDEAL INDUSTRIES LIGHTING LLC**

2005231532 Natrix Separations Inc. The patent has been assigned to **Merck Millipore Ltd.**

Assignments Registered

2005239062 Nextream France; THOMSON Licensing S.A. The patent has been assigned to **Interdigital CE Patent Holdings**

2005251838 Natrix Separations Inc. The patent has been assigned to **Merck Millipore Ltd.**

2006228021 Cree, Inc. The patent has been assigned to **IDEAL INDUSTRIES LIGHTING LLC**

2007200769 Cree, Inc. The patent has been assigned to **IDEAL INDUSTRIES LIGHTING LLC**

2007221761 Cree, Inc. The patent has been assigned to **IDEAL INDUSTRIES LIGHTING LLC**

2007221763 Cree, Inc. The patent has been assigned to **IDEAL INDUSTRIES LIGHTING LLC**

2007354673 Cree, Inc. The patent has been assigned to **IDEAL INDUSTRIES LIGHTING LLC**

2008201098 Cree, Inc. The patent has been assigned to **IDEAL INDUSTRIES LIGHTING LLC**

2008236822 Cree, Inc. The patent has been assigned to **IDEAL INDUSTRIES LIGHTING LLC**

2008248067 Cree, Inc. The patent has been assigned to **IDEAL INDUSTRIES LIGHTING LLC**

2008248069 Cree, Inc. The patent has been assigned to **IDEAL INDUSTRIES LIGHTING LLC**

2008248099 Cree, Inc. The patent has been assigned to **IDEAL INDUSTRIES LIGHTING LLC**

2008251917 Cree, Inc. The patent has been assigned to **IDEAL INDUSTRIES LIGHTING LLC**

2008305750 Cree, Inc. The patent has been assigned to **IDEAL INDUSTRIES LIGHTING LLC**

2008305757 Cree, Inc. The patent has been assigned to **IDEAL INDUSTRIES LIGHTING LLC**

2009225377 Cree, Inc. The patent has been assigned to **IDEAL INDUSTRIES LIGHTING LLC**

2009230738 Natrix Separations Inc. The patent has been assigned to **Merck Millipore Ltd.**

2009232343 Cree, Inc. The patent has been assigned to **IDEAL INDUSTRIES LIGHTING LLC**

2009249556 Cree, Inc. The patent has been assigned to **IDEAL INDUSTRIES LIGHTING LLC**

2009249557 Cree, Inc. The patent has been assigned to **IDEAL INDUSTRIES LIGHTING LLC**

2009251799 Cree, Inc. The patent has been assigned to **IDEAL INDUSTRIES LIGHTING LLC**

2009271273 Sizer, Charles The patent has been assigned to **Paolella, David**

2009271703 Cree, Inc. The patent has been assigned to **IDEAL INDUSTRIES LIGHTING LLC**

2009277185 Cree, Inc. The patent has been assigned to **IDEAL INDUSTRIES LIGHTING LLC**

Assignments Registered

2009329832 IPH Holdings Pty Ltd The patent has been assigned to **JSH Capital Pte. Ltd.**

2010254567 Cree, Inc. The patent has been assigned to **IDEAL INDUSTRIES LIGHTING LLC**

2010313751 Cree, Inc. The patent has been assigned to **IDEAL INDUSTRIES LIGHTING LLC**

2011203555 Natrix Separations Inc. The patent has been assigned to **Merck Millipore Ltd.**

2011288643 Koninklijke Douwe Egberts B.V.; Koninklijke Philips N.V. The patent has been assigned to **Koninklijke Philips N.V.**

2011288644 Koninklijke Philips N.V.; Koninklijke Douwe Egberts B.V. The patent has been assigned to **Koninklijke Philips N.V.**

2011299318 Cree, Inc. The patent has been assigned to **IDEAL INDUSTRIES LIGHTING LLC**

2011299319 Cree, Inc. The patent has been assigned to **IDEAL INDUSTRIES LIGHTING LLC**

2012216597 Cree, Inc. The patent has been assigned to **IDEAL INDUSTRIES LIGHTING LLC**

2012286515 The Australian National University The patent has been assigned to **Flex-G Pty Ltd**

2013204682 Cree, Inc. The patent has been assigned to **IDEAL INDUSTRIES LIGHTING LLC**

2013204876 Cree, Inc. The patent has been assigned to **IDEAL INDUSTRIES LIGHTING LLC**

2013205015 Cree, Inc. The patent has been assigned to **IDEAL INDUSTRIES LIGHTING LLC**

2013205105 Cree, Inc. The patent has been assigned to **IDEAL INDUSTRIES LIGHTING LLC**

2013205463 Cree, Inc. The patent has been assigned to **IDEAL INDUSTRIES LIGHTING LLC**

2013206739 Aqua Products, Inc. The patent has been assigned to **Aquatron Robotic Technology, Ltd.**

2013311983 Antelope Oil Tools Switzerland AG The patent has been assigned to **Innovex Downhole Solutions, Inc.**

2016202189 Koninklijke Douwe Egberts B.V.; Koninklijke Philips N.V. The patent has been assigned to **Koninklijke Philips N.V.**

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Filed

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

2000010348 **Wacker Chemie AG**

The earliest first regulatory approval date provided by the patentee 01 Oct 2019

For the goods OXERVATE cenegermin (rbe)

2001028352 **Basilea Pharmaceutica AG**

The earliest first regulatory approval date provided by the patentee 03 Sep 2019

For the goods CRESEMBA isavuconazole (as isavuconazonium sulfate)

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Filed

2011265050 **Eli Lilly and Company**

The earliest first regulatory approval date provided by the patentee 28 May 2019

For the goods EMGALITY galcanezumab

Corrigenda

In Vol 31 , No 30 , Page(s) 4492 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name ConocoPhillips Company, Application No. 2015364405, under INID (71) add co-applicants Chengbo Li; Chuck Mosher; Leo Ji; Joel Brewer

In Vol 31 , No 39 , Page(s) 5725 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Palobiofarma, S.L., Application No. 2016223683, under INID (54) correct the title to read DERIVATIVES OF 2-AMINOPYRIDINE AS ADENOSINE A2B RECEPTOR ANTAGONISTS AND LIGANDS OF THE MELATONIN MT3 RECEPTORS

In Vol 33 , No 20 , Page(s) 2913 under the heading **Amendments - Amendments Made** Under the name Fujikura Ltd., Application No. 2017338241, under INID (54) correct the title to read Optical fiber colored core wire, optical fiber cable, and method of manufacturing optical fiber colored core wire

In Vol 33 , No 23 , Page(s) 3424 under the heading **Applications Accepted - Name Index** Under the name Palobiofarma, S.L., Application No. 2016223683, under INID (54) correct the title to read DERIVATIVES OF 2-AMINOPYRIDINE AS ADENOSINE A2B RECEPTOR ANTAGONISTS AND LIGANDS OF THE MELATONIN MT3 RECEPTORS

In Vol 33 , No 38 , Page(s) 5351 under the heading **Amendments - Application for Amendments** Under the name iCeutica Pty Ltd, Application No. 2014208310 correct the date of the statements filed to read 05 Sep 2019 and 05 Aug 2019

In Vol 33 , No 38 , Page(s) 5409 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Zimmer, Inc., Application No. 2018236172, under INID (72) correct the co-inventor to White, John R.

In Vol 33 , No 40 , Page(s) 5625 under the heading **Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired - 2019** Delete all reference to 2019208202.

In Vol 33 , No 40 , Page(s) 5672 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Exelixis, Inc., Application No. 2018272088, under INID (54) correct the title to read Crystalline solid forms of salts of N-{4-[(6,7-dimethoxyquinolin-4-yl) oxy]phenyl}-N'-(4-fluorophenyl) cyclopropane-1,1-dicarboxamide, processes for making, and methods of use

In Vol 33 , No 40 , Page(s) 5738 under the heading **Extensions of Term of Standard Patent, Section 70 - Extensions Granted** Under the name Ipsen Biopharm Ltd., ApplicationNo. 2013207554, correct Max End Date to read 02 May 2030

Specifications Republished

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

- 2014227602 **Applied Medical Resources Corporation**
- 2014284360 **The Research Foundation for The State University of New York**
- 2014323563 **Blaze Bioscience, Inc.**
- 2014366924 **Brita LP**
- 2015231202 **Capella Therapeutics, Inc.**
- 2016279383 **Tamai, O.**
- 2016303866 **LG Electronics Inc.**
- 2016366842 **Milwaukee Electric Tool Corporation**
- 2017204365 **eBay Inc.**
- 2017232108 **Pinterest, Inc.**
- 2017276245 **Mitsui Chemicals Agro, Inc.; National University Corporation Kagawa University**
- 2018200959 **Myriota Pty Ltd**
- 2018201283 **ResMed Pty Ltd**
- 2019201200 **Dropbox, Inc.**

Section 105(1) Patents Act 1990 (Cth)**Advertisement pursuant to Part 34, Rule 34.41 of the Federal Court Rules 2011****Identity of Proceedings in which application will be made**

- 1 Federal Court of Australia
New South Wales District Registry
General Division
No. NSD 394 of 2019
- 2 Federal Court of Australia
New South Wales District Registry
General Division
No. NSD 395 of 2019
- 3 Federal Court of Australia
New South Wales District Registry
General Division
No. NSD 458 of 2019

Parties to Proceedings

- 1 **No. NSD 394 of 2019**
Hanwha Q CELLS & Advanced Materials Corporation (First Applicant)
Hanwha Q CELLS Australia Pty Ltd (ABN 84 141 108 590) (Second Applicant)
LONGi Green Energy Technology Co. LTD (First Respondent)
LONGi Solar Australia Pty Ltd (ACN 632 322 288) (Second Respondent)
- 2 **No. NSD 395 of 2019**
Hanwha Q CELLS & Advanced Materials Corporation (First Applicant)
Hanwha Q CELLS Australia Pty Ltd (ABN 84 141 108 590) (Second Applicant)
Jinko Solar Australia Holdings Co. Pty Ltd (ABN 93 154 662 889) (Respondent)
- 3 **No. NSD 458 of 2019**
Hanwha Q CELLS & Advanced Materials Corporation (First Applicant)
Hanwha Q CELLS Australia Pty Ltd (ABN 84 141 108 590) (Second Applicant)
REC Solar Pte Ltd (First Respondent)
Sol Distribution Pty Ltd (ABN 53 146 905 286) (Second Respondent)
Baywa r.e. Solar Systems Pty Ltd (ACN 614 035 620) (Third Respondent)

Particulars of amendments sought

Hanwha Q CELLS & Advanced Materials Corporation, the registered owner of Australian patent no. 2008323025 will seek an order under Section 105(1) of the *Patents Act 1990* (Cth) directing amendment of the Australian patent no. 2008323025 as follows:

Delete pages 15 to 16 and insert new pages 15 to 17, lodged herewith.

Address for service for party seeking amendments

Herbert Smith Freehills
ANZ Tower, Level 33
161 Castlereagh St
Sydney NSW 2000

Attn: Rebekah Gay

Any person intending to oppose the amendment application who is not a party to the proceedings referred to above, and who has notified the parties and the Commissioner of Patents of that intention in accordance with rule 34.41(1)(d) of the *Federal Court Rules 2011*, must by 15 November 2019, file and serve its particulars of grounds of objection to the amendment application.

Claims

1. Method for manufacturing a silicon solar cell, including the following steps:

providing a silicon substrate (1);

depositing a first dielectric layer (3) on a surface of the silicon substrate by means of atomic layer deposition, wherein the first dielectric layer comprises aluminium oxide; and

depositing a second dielectric layer (5) on a surface of the first dielectric layer (3), the materials of the first and the second dielectric layer differing and hydrogen being embedded into the second dielectric layer.

2. Method according to claim 1, wherein, for depositing the first dielectric layer, the silicon substrate is firstly flushed with an aluminium-containing compound comprising at least one of the components $\text{Al}(\text{CH}_3)_3$, AlCl_3 , $\text{Al}(\text{CH}_3)_2\text{Cl}$ and $(\text{CH}_3)_2(\text{C}_2\text{H}_5)\text{N}:\text{AlH}_3$, so that an aluminium-containing layer is deposited on the surface of the silicon substrate, and wherein the aluminium-containing layer is subsequently oxidised to higher valency in an oxygen-containing atmosphere.

3. Method according to one of claims 1 or 2, wherein the second dielectric layer comprises a material selected from the group comprising silicon nitride, silicon oxide and silicon carbide.

4. Method according to one of claims 1 to 3, wherein the second dielectric layer is manufactured by means of a PECVD method.

5. Method according to one of claims 1 to 4, wherein the second dielectric layer is deposited in such a way that it has a hydrogen content of at least 1 at. %, preferably at least 2 at. % and more preferably at least 5 at. %.

6. Method according to one of claims 1 to 5, wherein a high-temperature step is carried out at temperatures above 600 °C, preferably above 700 °C and more preferably above 800 °C, after the depositing of the second dielectric layer.

7. Method according to one of claims 1 to 6, wherein the first dielectric layer is deposited at a thickness of less than 50 nm, preferably less than 30 nm and more preferably less than 10 nm.

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8. Method according to one of claims 1 to 7, wherein the second dielectric layer is deposited at a thickness of more than 50 nm, preferably more than 100 nm and more preferably more than 150 nm.

9. Solar cell comprising:

5 a silicon substrate (1);

a first dielectric layer (3) comprising aluminium oxide on a surface of the silicon substrate (1) wherein the first dielectric layer has a thickness of less than 50 nm, preferably less than 30 nm and more preferably less than 10 nm;

0 a second dielectric layer (5) on a surface of the first dielectric layer (3), the materials of the first and the second dielectric layer differing and hydrogen being embedded into the second dielectric layer.

10. Solar cell according to claim 9, wherein the first dielectric layer is deposited by means of atomic layer deposition, so that it is substantially atomically tight.

5 11. Solar cell according to claim 9 or 10, wherein the second dielectric layer comprises silicon nitride.

12. Solar cell according to one of claims 9 to 11, wherein the second dielectric layer has a thickness of more than 50 nm, preferably more than 100 nm and more preferably more than 150 nm.

20 13. Solar cell according to any one of claims 9 to 12, wherein the second dielectric layer has a thickness of more than 100 nm.

14. Solar cell according to any one of claims 9 to 13, further comprising a plurality of metal contacts, wherein the metal contacts pass through the first dielectric layer and the second dielectric layer.

25 15. Solar cell according to any one of claims 9 to 14, wherein the surface of the silicon substrate is oxidised.

16. Solar cell according to any one of claims 9 to 15, wherein the surface of the silicon substrate is passivated by hydrogen.

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17. Solar cell according to any one of claims 9 to 16, wherein the first dielectric layer passivates a region of the silicon substrate of conduction type p.

18. Solar cell according to claim 17, wherein the surface of the silicon substrate is at the back of the solar cell.

5 19. Solar cell according to claim 18, wherein the second dielectric layer forms part of a back surface reflector.

20. Solar cell according to claim 19, wherein the back surface reflector further comprises a metal coating over a back surface of the second dielectric layer.

0 21. Solar cell according to any one of claims 9 to 20, wherein the thickness of the first dielectric layer is more than about 2 nm.

22. Solar cell manufactured using a method according to one of the preceding claims 1 to 8.

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Claims

1. Method for manufacturing a silicon solar cell, including the following steps:

providing a silicon substrate (1);

depositing a first dielectric layer (3) on a surface of the silicon substrate by means of atomic layer deposition, wherein the first dielectric layer comprises aluminium oxide; and

depositing a second dielectric layer (5) on a surface of the first dielectric layer (3), the materials of the first and the second dielectric layer differing and hydrogen being embedded into the second dielectric layer.

2. Method according to claim 1, wherein, for depositing the first dielectric layer, the silicon substrate is firstly flushed with an aluminium-containing compound comprising at least one of the components $\text{Al}(\text{CH}_3)_3$, AlCl_3 , $\text{Al}(\text{CH}_3)_2\text{Cl}$ and $(\text{CH}_3)_2(\text{C}_2\text{H}_5)\text{N}:\text{AlH}_3$, so that an aluminium-containing layer is deposited on the surface of the silicon substrate, and wherein the aluminium-containing layer is subsequently oxidised to higher valency in an oxygen-containing atmosphere.

3. Method according to one of claims 1 or 2, wherein the second dielectric layer comprises a material selected from the group comprising silicon nitride, silicon oxide and silicon carbide.

4. Method according to one of claims 1 to 3, wherein the second dielectric layer is manufactured by means of a PECVD method.

5. Method according to one of claims 1 to 4, wherein the second dielectric layer is deposited in such a way that it has a hydrogen content of at least 1 at. %, preferably at least 2 at. % and more preferably at least 5 at. %.

6. Method according to one of claims 1 to 5, wherein a high-temperature step is carried out at temperatures above 600 °C, preferably above 700 °C and more preferably above 800 °C, after the depositing of the second dielectric layer.

7. Method according to one of claims 1 to 6, wherein the first dielectric layer is deposited at a thickness of less than 50 nm, preferably less than 30 nm and more preferably less than 10 nm.

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8. Method according to one of claims 1 to 7, wherein the second dielectric layer is deposited at a thickness of more than 50 nm, preferably more than 100 nm and more preferably more than 150 nm.

9. Solar cell comprising:

5 a silicon substrate (1);

a first dielectric layer (3) comprising aluminium oxide on a surface of the silicon substrate (1) wherein the first dielectric layer has a thickness of less than 50 nm, preferably less than 30 nm and more preferably less than 10 nm;

0 a second dielectric layer (5) on a surface of the first dielectric layer (3), the materials of the first and the second dielectric layer differing and hydrogen being embedded into the second dielectric layer.

10. Solar cell according to claim 9, wherein the first dielectric layer is deposited by means of atomic layer deposition, so that it is substantially atomically tight.

5 11. Solar cell according to claim 9 or 10, wherein the second dielectric layer comprises ~~a material selected from the group comprising~~ silicon nitride, ~~silicon oxide and silicon carbide~~.

12. Solar cell according to one of claims 9 to 11, wherein the second dielectric layer has a thickness of more than 50 nm, preferably more than 100 nm and more preferably more than 150 nm.

20 13. Solar cell according to any one of claims 9 to 12, wherein the second dielectric layer has a thickness of more than 100 nm.

14. Solar cell according to any one of claims 9 to 13, further comprising a plurality of metal contacts, wherein the metal contacts pass through the first dielectric layer and the second dielectric layer.

25 15. Solar cell according to any one of claims 9 to 14, wherein the surface of the silicon substrate is oxidised.

16. Solar cell according to any one of claims 9 to 15, wherein the surface of the silicon substrate is passivated by hydrogen.

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17. Solar cell according to any one of claims 9 to 16, wherein the first dielectric layer passivates a region of the silicon substrate of conduction type p.

18. Solar cell according to claim 17, wherein the surface of the silicon substrate is at the back of the solar cell.

19. Solar cell according to claim 18, wherein the second dielectric layer forms part of a back surface reflector.

20. Solar cell according to claim 19, wherein the back surface reflector further comprises a metal coating over a back surface of the second dielectric layer.

21. Solar cell according to any one of claims 9 to 20, wherein the thickness of the first dielectric layer is more than about 2 nm.

~~13~~22. Solar cell manufactured using a method according to one of the preceding claims 1 to 8.