



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

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General Information

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

Editorial enquiries

Contact information

Freedom of Information ACT

Professional Standards Board

Sales

Requests for Information under Section 194 (c)

Country Codes

Trade Mark and Designs Hearing Sessions

INID (Internationally agreed Numbers for the Identification of Data)

GUIDE TO THE USE OF THIS JOURNAL

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

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

(i) FILING -

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

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

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

(iii) ACCEPTANCE –

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

(iv) OPPOSITION –

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

(v) GRANTING –

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

(vi) CERTIFICATION

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

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

How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

How Australian Patent Documents are Numbered

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

Document Numbering in the **Australian Official Journal of Patents from 10th March 2018**

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

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

See Examples:

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

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

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

Arrangement of Information in the Journal

For each of the categories

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

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

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

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

Using the Indices

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

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

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

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

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

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

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

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

The following Numerical Indices are available:

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

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

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

The indices to use are

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

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

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

'INID' NUMBERS in use on Australian Patent Documents

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

(10) Document identification

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

(20) Document filing data

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

(30) Priority data

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

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

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

(50) Technical Information

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

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

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

(70) Identification of parties concerned with the document

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

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

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

NOTE

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

AU-A = Pre-examination

AU-B = Post-examination

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

AUSTRALIAN OFFICIAL JOURNAL OF PATENTS (Supplement) 14 February 2019

Abstract of Decision

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

Simco Mining Products and Services Pty Ltd v CQMS Pty Ltd [2019] APO 5

Patent Application: 2015203529

Title: Heavy Duty Excavator Bucket

Patent Applicant: CQMS Pty Ltd

Opponent: Simco Mining Products and Services Pty Ltd

Delegate: Dr V. Z. Kolev

Decision Date: 1 February 2019

Hearing Date: 20 November 2017, in Canberra

Catchwords: **PATENTS** – opposition to grant of a patent – nominated person’s entitlement – clarity – novelty – inventive step – claims define the invention – manner of manufacture – application for a patent of addition – divisional application – additional parent same as divisional grandparent – operation of subparagraph 59(a)(i), section 15, subsection 43(3), section 25, and section 81 – dragline excavator bucket – improvement of the geometry of the bucket – essential features – opposition unsuccessful on all grounds – costs awarded – costs item amount varied

Representation: Counsel for the applicant: Mr Sean Cooper

Patent attorney for the applicant: Mr Matthew Lord of Fisher Adams Kelly Callinans

Patent attorney for the opponent: Mr Daniel Fox of Ahearn Fox Patent & Trade Mark Attorneys assisted by Mr Allen Evans, consultant

Abstract of Decision

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

UON Pty Ltd v Taranis Power Group Pty Ltd [2019] APO 6

Patent Application:	2017213531
Title:	An electrical system for driving a pump
Patent Applicant:	Taranis Power Group Pty Ltd
Opponent:	UON Pty Ltd
Delegate:	R Subbarayan
Decision Date:	5 February 2019
Hearing Date:	Written submissions filed on 12 December and 19 December 2018
Catchwords:	PATENTS – extension of time to file evidence in support – Commissioner’s intention to refuse the extension – whether there were exceptional circumstances – whether the opponent acted promptly and diligently - provisions of both subregulation 5.9(2)(a) and subregulation 5.9(2)(b) enlivened – extension granted
Representation:	Patent attorney for the applicant: Patenteur Pty Ltd Patent attorney for the opponent: protectmyidea.com.au

AUSTRALIAN OFFICIAL JOURNAL OF PATENTS (Supplement) 14 February 2019

Abstract of Decision

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

Patent Application: 2012222103

Title: Wheel frame, assembly and method

Patent Applicant: GE Global Sourcing LLC

Opponent: CRRC Qishuyan Institute Co., Ltd

Delegate: R Subbarayan

Decision Date: 6 February 2019

Hearing Date: 27 November 2018, in Canberra

Catchwords: **PATENTS** – opposition to grant of patent – claim construction where specification sets up its own dictionary – whether the claims are novel – whether the claims are inventive – whether the disclosure is clear enough and complete enough – whether the claims are clear – none of the grounds are made out – opposition does not succeed – costs awarded –variation to costs

Representation: Patent attorney for the applicant: Adrian Crooks of Phillips Ormonde Fitzpatrick
Patent attorney for the opponent: Christopher Goodhew

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 29 Jan 2019 .

(71) Abey Australia Pty. Ltd. (21) 2019900312 (22) 01.02.2019 (54) Turning station	(71) ANDROU PTY LTD (21) 2019900301 (22) 01.02.2019 (54) An improved platform lift	(71) Clegg, R. (21) 2019900257 (22) 29.01.2019 (54) METHOD AND APPARATUS FOR MINERAL PROCESSING
(71) ABYSS SOLUTIONS PTY. LTD. (21) 2019900261 (22) 29.01.2019 (54) Abyss Extract - A Machine Learning Algorithm that can conduct a frame-by-frame analysis of underground pipelines' CCTV footage and identify predetermined defects.	(71) ARCACTIVE LIMITED (21) 2019900308 (22) 01.02.2019 (54) LEAD-ACID BATTERY	Crazy Dog Canvas Pty Ltd see Drifta Camping Kitchens Pty Ltd (21) 2019900269
(71) Agriculture Victoria Services Pty Ltd (21) 2019900291 (22) 31.01.2019 (54) Plants with an enriched cannabinoid profile - II	(71) Aristocrat Technologies Australia Pty Limited (21) 2019900280 (22) 31.01.2019 (54) A GAMING SYSTEM WITH PROXIMITY BASED FUNDS TRANSFER	(71) CRYSTAL GARDENS OF ATLANTIS PTY LTD (21) 2019900282 (22) 31.01.2019 (54) Morganic Pots is a versatile, strong, small gardening system which incorporates standard pots, self-watering pots, small ponds, aquaculture (using fish with hydroponics), hydroponic systems, screens, aquarium, micro-green trays, worm farms, composts, hanging pots, green walls, book shelf / shelf, and a mirror option. Morganic Pots come as flat packaging, which simply clips together. It is charcoal in colour and has a slight woodgrain texture to the outer and top surfaces.
(71) Agriculture Victoria Services Pty Ltd (21) 2019900293 (22) 31.01.2019 (54) Plants with an enriched cannabinoid profile - II	(71) Assured IT Pty Ltd (21) 2019900285 (22) 31.01.2019 (54) A Motion Simulation Apparatus	(71) CRYSTAL GARDENS OF ATLANTIS PTY LTD (21) 2019900283 (22) 31.01.2019 (54) Closed, Thermal, Air Conditioning, Energy and Water Producing Construction System.
(71) Agriculture Victoria Services Pty Ltd (21) 2019900294 (22) 31.01.2019 (54) Plants with an enriched cannabinoid profile - II	(71) Beovista Trading Pty Ltd (21) 2019900287 (22) 31.01.2019 (54) System and method for reducing power consumption in a power supply circuit	(71) CWEK Pty Ltd (21) 2019900274 (22) 30.01.2019 (54) Topical Carrier Composition
(71) Agriculture Victoria Services Pty Ltd (21) 2019900295 (22) 31.01.2019 (54) Plants with an enriched cannabinoid profile - II	(71) Birch, G. (21) 2019900307 (22) 01.02.2019 (54) Methods, materials, devices, and circuits for direct energy conversion.	(71) Cyclonas Pty Limited (21) 2019900279 (22) 31.01.2019 (54) Pressure assemblies
(71) Agriculture Victoria Services Pty Ltd (21) 2019900296 (22) 31.01.2019 (54) An analysis method	(71) Breville Pty Limited (21) 2019900256 (22) 29.01.2019 (54) A cooking appliance	
(71) Anderson, J. (21) 2019900324 (22) 04.02.2019 (54) MOBILE WALK IN OR DRIVE IN THEME PARK	(71) Centrex Zinc Pty Ltd (21) 2019900277 (22) 31.01.2019 (54) METHODS OF PROCESSING ZINC CONTAINING ORES	
	(71) Churruca, E. (21) 2019900270 (22) 30.01.2019 (54) Topical compositions	

Provisional Applications Filed - Name Index cont'd

(71) D.I.T Technologies Ltd
 (21) 2019900281 (22) 31.01.2019
 (54) UREA COMPOSITIONS FOR USE AS AN ANIMAL FEED

(71) de St. Amatus, A.
 (21) 2019900259 (22) 29.01.2019
 (54) Applications of solar-wind farms in systems for storage and release of energy, in water desalination and/or purification systems, and in systems for conversion of solar radiation to mechanical work

(71) Drifta Camping Kitchens Pty Ltd; Crazy Dog Canvas Pty Ltd
 (21) 2019900269 (22) 30.01.2019
 (54) Folding Tent for a Vehicle

(71) Duggan, D.
 (21) 2019900298 (22) 31.01.2019
 (54) Stormwater drain debris collection and filtration system

(71) Dunn, B.
 (21) 2019900271 (22) 30.01.2019
 (54) Mobile phone inhibition

(71) El-Deeb, I.; Faragallah, S.
 (21) 2019900290 (22) 31.01.2019
 (54) Adhesive pad

El-Ghazali, S. see Shah, S.
 (21) 2019900190

Faragallah, S. see El-Deeb, I.
 (21) 2019900290

(71) FRAHMAND, T.
 (21) 2019900315 (22) 01.02.2019
 (54) PRODUCT AND PROCESS OF PRODUCTION THEREOF

(71) Gomez, R.
 (21) 2019900249 (22) 28.01.2019
 (54) ADVANCED COMMERCIAL ELECTROLYSIS OF SEAWATER TO PRODUCE HYDROGEN.

(71) Goyder-Ewan, D.
 (21) 2019900303 (22) 01.02.2019
 (54) Syringe Guard

(71) Hammer, T.
 (21) 2019900300 (22) 01.02.2019
 (54) A solar powered mobile power supply system

(71) Hao, P.
 (21) 2019900313 (22) 01.02.2019
 (54) CROWD-SOURCED ASSET VALUATION SYSTEM AND METHOD

(71) Heat Trap Solar Pty Ltd
 (21) 2019900299 (22) 31.01.2019
 (54) Fluid Treatment System

(71) Higgins, C.
 (21) 2019900266 (22) 30.01.2019
 (54) Improved computer architecture and software supporting simpler and more secure blockchains together with methods and systems for developing efficient blockchain based business solutions.

(71) Higgins, C.
 (21) 2019900320 (22) 02.02.2019
 (54) : Improved computer architecture and software supporting simpler and more secure blockchains together with methods and systems for developing efficient blockchain based business solutions

(71) Higgins, C.
 (21) 2019900322 (22) 03.02.2019
 (54) Improved computer architecture and software supporting simpler and more secure blockchains together with methods and systems for developing efficient blockchain based business solutions

(71) iCetana Pty Ltd
 (21) 2019900316 (22) 01.02.2019
 (54) SYSTEM AND METHOD OF VIDEO DATA RETRIEVAL

(71) iClub
 (21) 2019900317 (22) 01.02.2019
 (54) Skateboard Protective Guard for Shoes

(71) Infalurt Pty Ltd
 (21) 2019900276 (22) 31.01.2019
 (54) Method and System for Alerting a User to the Presence of a Person in a Vehicle

(71) Invertigro Pty Ltd
 (21) 2019900263 (22) 30.01.2019
 (54) MODULAR UNIT FOR GROWING CROPS, SYSTEM AND GROW COLUMN THEREOF

(71) Kazamias, C.
 (21) 2019900321 (22) 03.02.2019
 (54) A system is defined for location preventative danger detection utilising a novel concept that integrates a range

of tracking methods & algorithms using existing and customised mobile &/or fixed hardware with processor & software application to detect proximity &/or danger &/or provide location based notifications, alerts &/or services. System includes a variety of communication methods & integration based on location / applied event driven task scheduler rules that engage via host device and trigger rules based autonomous robotic devices to provide specific assistance/services

(71) Lester, L.
 (21) 2019900244 (22) 26.01.2019
 (54) Floral Lavender Tea

(71) Macquarie University
 (21) 2019900289 (22) 31.01.2019
 (54) Complexes and compositions comprising probucol and uses thereof

(71) MSP Innovations Pty Ltd
 (21) 2019900278 (22) 31.01.2019
 (54) Wheelbarrow Compartment Assembly

(71) Multisteps Pty Ltd
 (21) 2019900262 (22) 29.01.2019
 (54) A Tamper Evident Produce Container

(71) NewSouth Innovations Pty Limited
 (21) 2019900286 (22) 31.01.2019
 (54) Particle and Composition

(71) NewSouth Innovations Pty Limited
 (21) 2019900297 (22) 31.01.2019
 (54) An advanced processing element and system

(71) Odio Tech Pty Ltd
 (21) 2019900311 (22) 01.02.2019
 (54) System and Method for Assessment and/or Fitting of a Medical Device

(71) Oxford University Innovation Limited
 (21) 2019900273 (22) 30.01.2019
 (54) Method for expressing genes in bundle sheath cells

(71) Pelleton Global Renewables Ltd.
 (21) 2019900275 (22) 30.01.2019
 (54) Hopper Design

(71) PLAY SAFE TRAMPOLINES PTY LTD
 (21) 2019900245 (22) 28.01.2019
 (54) Terra-firmer ® mesh universal beach access walkways

Provisional Applications Filed - Name Index cont'd

(71) PLAY SAFE TRAMPOLINES PTY LTD
 (21) 2019900323 (22) 04.02.2019
 (54) Amphibious wheel chair with unique
 Outrigger flotation design

(71) Quee, J.
 (21) 2019900267 (22) 30.01.2019
 (54) Fire Prevention Apparatus, System and
 Method

(71) QUE Oncology Pty Ltd
 (21) 2019900304 (22) 01.02.2019
 (54) Improved analogues and their uses

(71) Radic, R.
 (21) 2019900302 (22) 01.02.2019
 (54) Post clamp

(71) Re:Start Charging Services Pty Ltd
 (21) 2019900253 (22) 29.01.2019
 (54) Battery Pack

(71) ResMed Pty Limited
 (21) 2019900260 (22) 29.01.2019
 (54) Headgear for a Patient Interface

(71) Revelian Pty Ltd
 (21) 2019900288 (22) 31.01.2019
 (54) A GRANULAR METHOD FOR MEAS-
 UREMENT AND ANALYSIS OF MEN-
 TAL CAPABILITIES OR CONDITIONS
 AND A PLATFORM THEREFOR

(71) Roberts, M.
 (21) 2019900265 (22) 30.01.2019
 (54) A method and system for sampling or
 distributing points evenly in a triangle of
 arbitrary shape or size.

(71) Sayfa R&D Pty Ltd
 (21) 2019900272 (22) 30.01.2019
 (54) Vertical fall arrest safety device

(71) Secure Logic Pty Ltd
 (21) 2019900309 (22) 01.02.2019
 (54) Blockchain-implemented identity-centric
 privacy and consent broker

(71) Secure Logic Pty Ltd
 (21) 2019900310 (22) 01.02.2019
 (54) System and methods of consent man-
 agement with distributed ledger techno-
 logy

(71) Shah, S.; El-Ghazali, S.; Veronese, L.
 (21) 2019900190 (22) 20.01.2019
 (54) The Twirlers

(71) SKINPROTECT CORPORATION SDN
 BHD
 (21) 2019900254 (22) 29.01.2019
 (54) SYNTHETIC ELASTOMERIC ARTICLE
 AND METHOD FOR THE PRODUC-
 TION THEREOF

(71) Support Technologies Innovations Pty
 Ltd
 (21) 2019900255 (22) 29.01.2019
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 AND/OR COURSE OF A FIRE

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(54) BARRIER ELEMENT AND SUPPORT STRUCTURE FOR USE IN A BARRIER ELEMENT
(62) 2017375976

(71) LC Automation Pty Ltd
(21) 2019200624 (22) 31.01.2019
(54) A STRUCTURE AND METHOD
(31) 2018900289 (32) 31.01.18 (33) AU

(71) Leatherman Tool Group, Inc.
(21) 2019200615 (22) 30.01.2019
(54) MULTIPURPOSE TOOL HAVING ACCESSIBLE TOOL MEMBERS
(62) 2017203480

(71) LG Electronics Inc.
(21) 2019200548 (22) 29.01.2019
(54) Clothing treatment apparatus
(62) 2016385261

(71) LG Electronics Inc.
(21) 2019200603 (22) 30.01.2019
(54) Lawn mower robot
(31) 10-2018-0121333 (32) 11.10.18 (33) KR
62/653,568 06.04.18 US

(71) LG Electronics Inc.
(21) 2019200604 (22) 30.01.2019
(54) Lawn mower robot
(31) 10-2018-0121331 (32) 11.10.18 (33) KR
62/653,568 06.04.18 US

(71) LG Electronics Inc.
(21) 2019200667 (22) 31.01.2019
(54) Moving robot
(31) 10-2018-0013428 (32) 02.02.18 (33) KR

(71) LIGHT FIELD LAB, INC.
(21) 2019200583 (22) 30.01.2019
(54) ENERGY PROPAGATION AND TRANSVERSE ANDERSON LOCALIZATION WITH TWO-DIMENSIONAL, LIGHT FIELD AND HOLOGRAPHIC RELAYS
(62) 2017296073

(71) MacDon Industries Ltd.
(21) 2019200601 (22) 30.01.2019
(54) AGRICULTURAL HEADER WITH FLOAT CONTROL
(31) 2,993,727 (32) 01.02.18 (33) CA

(71) Mack Aquarium Pty Ltd
(21) 2019200524 (22) 25.01.2019
(54) DEVICE FOR WAVE-LIKE GENERATION IN AN AQUARIUM

(71) Maruho Medical, Inc.
(21) 2019200690 (22) 01.02.2019
(54) Method and apparatus for passing suture
(62) 2014253864

(71) Massachusetts Institute of Technology
(21) 2019200613 (22) 30.01.2019
(54) SYSTEM AND METHOD FOR UNIPOLAR SEPARATION OF EMULSIONS AND OTHER MIXTURES
(62) 2014253957

(71) Mayerle, D.
(21) 2019200609 (22) 30.01.2019
(54) CUTTING BLADE
(31) 62/686,438 (32) 18.06.18 (33) US
62/626,205 05.02.18 US

(71) Mayo Foundation for Medical Education and Research
(21) 2019200564 (22) 29.01.2019
(54) HIGH-THROUGHPUT EARLY DETECTION AND POINT-OF-CARE EARLY DETECTION OF PREGNANT WOMEN SUSCEPTIBLE TO DEVELOPING PREECLAMPSIA
(62) 2013267139

(71) Megadyne Medical Products, Inc.
(21) 2019200508 (22) 25.01.2019
(54) Universal self-limiting electrosurgical return electrode
(62) 2014369852

(71) Meishan CRRC Brake Science & Technology Co.,Ltd
(21) 2019200526 (22) 25.01.2019
(54) BRAKE CYLINDER DUST COVER AND WATERPROOF BRAKE CYLINDER USING SUCH DUST COVER
(62) 2016291543

(71) Mesoblast, Inc.
(21) 2019200657 (22) 31.01.2019
(54) Repair and/or reconstitution of intervertebral discs
(62) 2017200689

(71) Mesoblast, Inc.
(21) 2019200681 (22) 01.02.2019
(54) Perivascular mesenchymal precursor cells
(62) 2017200149

(71) Metalform (Dannevirke) Limited
(21) 2019200574 (22) 30.01.2019
(54) SPRAYING APPARATUS AND METHODS AND COMPONENTS RELATING TO SPRAYING APPARATUS
(62) 2016256743

(71) Mills Brands Pty Ltd
(21) 2019200517 (22) 25.01.2019
(54) COLLAPSIBLE GAZEBO AND SUPPORT FRAME THEREFOR

(71) Minerva Neurosciences, Inc.
(21) 2019200512 (22) 25.01.2019
(54) Use of phenoxypropylamine compounds to treat depression
(62) 2014209200

(71) Minimally Invasive Surgical Technologies, Inc.
(21) 2019200535 (22) 25.01.2019
(54) UTERINE MANIPULATOR
(62) 2014249127

Complete Applications Filed - Name Index cont'd

(71) Mitsubishi Heavy Industries Thermal Systems, Ltd.
 (21) 2019200567 (22) 30.01.2019
 (54) PACKING DEVICE
 (31) 2018-018930 (32) 06.02.18 (33) JP

(71) Momak Pty Ltd
 (21) 2019200506 (22) 25.01.2019
 (54) A Signal Mounting Device
 (31) 2018900248 (32) 25.01.18 (33) AU

(71) Monaghan, W.
 (21) 2019200566 (22) 29.01.2019
 (54) Oceanic Power Station
 (31) 2018900270 (32) 29.01.18 (33) AU

(71) Multiclip Co. Ltd
 (21) 2019200700 (22) 01.02.2019
 (54) Rail cover
 (31) 1803617.8 (32) 07.03.18 (33) GB

(71) NDI Medical, LLC
 (21) 2019200703 (22) 01.02.2019
 (54) WAVEFORM SHAPES FOR TREATING NEUROLOGICAL DISORDERS OPTIMIZED FOR ENERGY EFFICIENCY
 (62) 2017228526

(71) Neuroscience Research Australia (NeuRA); The Johns Hopkins University
 (21) 2019200625 (22) 31.01.2019
 (54) Improved systems and methods for diagnosis and therapy of vision stability dysfunction
 (62) 2014331520

(71) Novartis AG
 (21) 2019200559 (22) 29.01.2019
 (54) Application unlock using a connected physical device and transfer of data therebetween
 (62) 2016209930

(71) Novozymes, Inc.
 (21) 2019200618 (22) 31.01.2019
 (54) Cellulolytic enzyme compositions and uses thereof
 (62) 2017219076

(71) NUVERA FUEL CELLS, LLC
 (21) 2019200562 (22) 29.01.2019
 (54) System and method for tuning an electrochemical cell stack
 (62) 2014290048

(71) O'Donnell, K.; Bruner, B.
 (21) 2019200499 (22) 25.01.2019
 (54) MOTORIZED LUGGAGE
 (62) 2016226302

(71) Ong, T.
 (21) 2019200540 (22) 29.01.2019
 (54) FLEXIBLE 8P-TO-6P ADAPTOR FOR MODULAR JACKS
 (31) 2018900384 (32) 08.02.18 (33) AU

(71) Owens-Brockway Glass Container Inc.
 (21) 2019200518 (22) 25.01.2019
 (54) Seal ring for sealing a container
 (62) 2017228588

(71) Owens-Brockway Glass Container Inc.
 (21) 2019200596 (22) 30.01.2019
 (54) Beverage package with aerator
 (62) 2018204398

(71) Ozzie's Pipeline Padder, Inc.
 (21) 2019200523 (22) 25.01.2019
 (54) Padding Machine
 (31) 3,028,280 (32) 21.12.18 (33) CA

(71) Philip Morris Products S.A.
 (21) 2019200558 (22) 29.01.2019
 (54) Multi-segment filter tube
 (62) 2014380998

(71) Picker Technologies LLC
 (21) 2019200492 (22) 24.01.2019
 (54) MOBILE SYSTEM FOR IMPROVING THE PICKING AND PRELIMINARY PROCESSING OF APPLES, CITRUS, STONE FRUIT AND LIKE OBJECTS
 (62) 2016208435

(71) Pindrop Security, Inc.
 (21) 2019200722 (22) 04.02.2019
 (54) CALL DETAIL RECORD ANALYSIS TO IDENTIFY FRAUDULENT ACTIVITY AND FRAUD DETECTION IN INTERACTIVE VOICE RESPONSE SYSTEMS
 (62) 2016338689

(71) PLAE, Inc.
 (21) 2019200593 (22) 30.01.2019
 (54) Interchangeable strap closure system for footwear
 (62) 2017202838

(71) PowerPal Pty Ltd
 (21) 2019200561 (22) 29.01.2019
 (54) METHOD AND SYSTEM FOR POWER CONSUMPTION MONITORING AND MANAGEMENT
 (31) 2018900258 (32) 29.01.18 (33) AU

(71) Presbyopia Therapies, LLC
 (21) 2019200623 (22) 31.01.2019
 (54) Compositions and methods for the treatment of presbyopia
 (62) 2014311558

(71) Pro-Iroda Industries, Inc.
 (21) 2019200674 (22) 31.01.2019
 (54) METALLIC WICK
 (31) 108100207 (32) 03.01.19 (33) TW

(71) QIAGEN GmbH
 (21) 2019200643 (22) 31.01.2019
 (54) STABILIZATION AND ISOLATION OF EXTRACELLULAR NUCLEIC ACIDS
 (62) 2015233500

(71) Qualcomm Incorporated
 (21) 2019200598 (22) 30.01.2019
 (54) CONTROL FLOW ENHANCEMENTS FOR LTE-UNLICENSED
 (62) 2016266823

(71) Regeneron Pharmaceuticals, Inc.
 (21) 2019200538 (22) 29.01.2019
 (54) NON-HUMAN ANIMALS WITH MODIFIED IMMUNOGLOBULIN HEAVY CHAIN SEQUENCES
 (62) 2016269388

(71) Reinhardt, E.
 (21) 2019200669 (22) 31.01.2019
 (54) Exercise machine
 (31) 16/253,207 (32) 21.01.19 (33) US

(71) Rikco International, LLC
 (21) 2019200672 (22) 31.01.2019
 (54) Pressure relief system for footwear
 (62) 2014237802

(71) RingIT, Inc.
 (21) 2019200542 (22) 29.01.2019
 (54) RECOMMENDATION SYSTEM BASED ON GROUP PROFILES OF PERSONAL TASTE
 (62) 2013378061

(71) ROSENBLLOOD, K.
 (21) 2019200502 (22) 25.01.2019
 (54) POSTURE AND DEEP BREATHING IMPROVEMENT DEVICE, SYSTEM, AND METHOD
 (31) 16/055,621 (32) 06.08.18 (33) US

(71) Sandvik Intellectual Property AB
 (21) 2019200648 (22) 31.01.2019
 (54) Crusher belt tensioning apparatus
 (62) 2014231161

(71) Sarepta Therapeutics, Inc.
 (21) 2019200666 (22) 31.01.2019
 (54) Multiple exon skipping compositions for DMD
 (62) 2017201811

Complete Applications Filed - Name Index cont'd

(71) SCHLUMBERGER TECHNOLOGY B.V.
 (21) 2019200654 (22) 31.01.2019
 (54) Modeling of interaction of hydraulic fractures in complex fracture networks
 (62) 2014346815

(71) Schott AG
 (21) 2019200549 (22) 29.01.2019
 (54) Radiopaque glass and use thereof
 (31) 10 2018 102 301.4 (32) 01.02.18 (33) DE

(71) Seminis Vegetable Seeds, Inc.
 (21) 2019200716 (22) 01.02.2019
 (54) MELON HYBRID SVMH7844 AND PARENTS THEREOF
 (31) 15/891,109 (32) 07.02.18 (33) US

(71) Semnur Pharmaceuticals, Inc.
 (21) 2019200649 (22) 31.01.2019
 (54) PHARMACEUTICAL FORMULATION COMPRISING AN INSOLUBLE CORTICOSTEROID AND A SOLUBLE CORTICOSTEROID
 (62) 2014209346

(71) Sequenom, Inc.
 (21) 2019200556 (22) 29.01.2019
 (54) Processes and compositions for methylation-based enrichment of fetal nucleic acid from a maternal sample useful for non-invasive prenatal diagnoses
 (62) 2013290102

(71) Seres Therapeutics, Inc.
 (21) 2019200628 (22) 31.01.2019
 (54) NETWORK-BASED MICROBIAL COMPOSITIONS AND METHODS
 (62) 2014232370

(71) SIMI CONNECT LIMITED
 (21) 2019200714 (22) 01.02.2019
 (54) METHOD AND SYSTEM FOR ENERGY MANAGEMENT
 (62) 2017202033

(71) Snap-on Incorporated
 (21) 2019200469 (22) 24.01.2019
 (54) Tool housing and method for making the same
 (31) 16/041,001 (32) 20.07.18 (33) US

(71) Snap-on Incorporated
 (21) 2019200531 (22) 25.01.2019
 (54) Remote wrench handle and accessories
 (62) 2017203176

(71) Snap-on Incorporated
 (21) 2019200644 (22) 31.01.2019

(54) Remote wrench handle and accessories
 (62) 2017203176

(71) Snap-on Incorporated
 (21) 2019200706 (22) 01.02.2019
 (54) RATCHET WRENCH INCLUDING RETAINING RING
 (62) 2016277550

(71) Sony Corporation
 (21) 2019200515 (22) 25.01.2019
 (54) Image decoding device, image encoding device, and method thereof
 (62) 2018201382

(71) Sony Corporation
 (21) 2019200619 (22) 31.01.2019
 (54) Decoding device and method, encoding device and method, and program
 (62) 2013284702

(71) Spinal Elements, Inc.
 (21) 2019200646 (22) 31.01.2019
 (54) Apparatus for bone stabilization and distraction and methods of use
 (62) 2014241994

(71) SPRING LOADED TECHNOLOGY INCORPORATED
 (21) 2019200555 (22) 29.01.2019
 (54) HYDRAULIC TENSION SPRING
 (62) 2015281803

(71) Stryker Corporation
 (21) 2019200662 (22) 31.01.2019
 (54) Waste collection system for medical/surgical waste having a mobile cart with a vacuum source and a mobile cart with a waste container that is coupled to the cart with the suction pump
 (62) 2013334799

(71) Stryker Corporation
 (21) 2019200725 (22) 04.02.2019
 (54) Navigation system including optical and non-optical sensors
 (62) 2017264974

(71) Sulzer Management AG
 (21) 2019200627 (22) 31.01.2019
 (54) Multistage centrifugal grinder pump
 (31) 18158444.2 (32) 23.02.18 (33) EP

(71) Tata Consultancy Services Limited
 (21) 2019200507 (22) 25.01.2019
 (54) RADAR AND ULTRASOUND SENSOR BASED REAL TIME TRACKING OF A MOVING OBJECT
 (31) 201821008857 (32) 09.03.18 (33) IN

(71) TCS John Huxley Europe Limited
 (21) 2019200629 (22) 31.01.2019
 (54) Messaging system
 (62) 2014322887

(71) Teleflex Medical Incorporated
 (21) 2019200709 (22) 01.02.2019
 (54) Devices with anti-thrombogenic and anti-microbial treatment
 (62) 2017201270

(71) Tendyne Holdings, Inc.
 (21) 2019200617 (22) 31.01.2019
 (54) IMPROVEMENTS FOR PROSTHETIC VALVES AND RELATED INVENTIONS
 (62) 2016203451

(71) The Board of Trustees of the Leland Stanford Junior University
 (21) 2019200630 (22) 31.01.2019
 (54) Modulation of heparin-binding epidermal growth factor activity for tympanic membrane healing
 (62) 2014265901

The Johns Hopkins University see Neuroscience Research Australia (NeuRA)
 (21) 2019200625

(71) The Nielsen Company (US), LLC
 (21) 2019200652 (22) 31.01.2019
 (54) Using messaging associated with adaptive bitrate streaming to perform media monitoring for mobile platforms
 (62) 2014404320

(71) The University of British Columbia; Acuitas Therapeutics Inc.; Arbutus Biopharma Corporation
 (21) 2019200546 (22) 29.01.2019
 (54) Methods and compositions for delivery of nucleic acids
 (62) 2017202156

(71) The University of Sydney
 (21) 2019200683 (22) 01.02.2019
 (54) Anti-cancer compounds
 (31) 2018900313 (32) 01.02.18 (33) AU

(71) TIANJIN TAIYANGSHEN TECHNOLOGY CO., LTD.
 (21) 2019200565 (22) 29.01.2019
 (54) Solar reflecting and condensing device using thin film
 (62) 2017203849

(71) TOPPAN PRINTING CO., LTD.
 (21) 2019200543 (22) 29.01.2019
 (54) Decorative sheet and decorative panel
 (62) 2016300680

Complete Applications Filed - Name Index cont'd

(71) Tornier
 (21) 2019200582 (22) 30.01.2019
 (54) Surgical bone preparation instrument and assembly comprising such an instrument
 (31) 18305086.3 (32) 30.01.18 (33) EP

(71) Tornier
 (21) 2019200588 (22) 30.01.2019
 (54) Prosthesis for a fractured long bone
 (31) 18305101.0 (32) 31.01.18 (33) EP

(71) Toshiba Energy Systems & Solutions Corporation; Kabushiki Kaisha Toshiba
 (21) 2019200519 (22) 25.01.2019
 (54) Carbon dioxide capture system and method of operating carbon dioxide capture system
 (31) 2018-013990 (32) 30.01.18 (33) JP

(71) Transdev Group
 (21) 2019200599 (22) 30.01.2019
 (54) Method and electronic device for controlling the speed of an autonomous vehicle, related computer program, autonomous vehicle and monitoring platform
 (31) 1850749 (32) 30.01.18 (33) FR

(71) Ubiquitek Ltd
 (21) 2019200591 (22) 30.01.2019
 (54) Apparatus and method for electrically killing plants
 (62) 2015295035

(71) UNITED THERAPEUTICS CORPORATION
 (21) 2019200504 (22) 25.01.2019
 (54) Treatment of vasculopathy with prostacyclin and mesenchymal stem cells
 (62) 2017258866

(71) Unitract Syringe Pty Ltd
 (21) 2019200616 (22) 31.01.2019
 (54) INTEGRATED PIERCEABLE SEAL FLUID PATHWAY CONNECTION AND DRUG CONTAINERS FOR DRUG DELIVERY PUMPS
 (62) 2014308659

(71) University of Central Florida Research Foundation, Inc.
 (21) 2019200525 (22) 25.01.2019
 (54) Methods and compositions for natural killer cells
 (62) 2013282353

(71) University of South Florida
 (21) 2019200511 (22) 25.01.2019
 (54) Compositions and Methods for Producing Elevated and Sustained Ketosis
 (62) 2014236004

(71) Vertex Pharmaceuticals Incorporated
 (21) 2019200723 (22) 04.02.2019
 (54) 2-amino-6-fluoro-N-[5-fluoro-pyridin-3-yl]pyrazolo[1,5-a]pyrimidin-3-carboxamide compound useful as ATR kinase inhibitor, its preparation, different solid forms and radiolabelled derivatives thereof
 (62) 2014360380

(71) ViaCyte, Inc.
 (21) 2019200532 (22) 25.01.2019
 (54) SCALABLE PRIMATE PLURIPOTENT STEM CELL AGGREGATE SUSPENSION CULTURE AND DIFFERENTIATION THEREOF
 (62) 2013248265

(71) ViaSat, Inc.
 (21) 2019200602 (22) 30.01.2019
 (54) BEAMFORMER FOR END-TO-END BEAMFORMING COMMUNICATIONS SYSTEM
 (62) 2016283501

(71) ViaSat, Inc.
 (21) 2019200699 (22) 01.02.2019
 (54) ACCESS NODE FOR END-TO-END BEAMFORMING COMMUNICATIONS SYSTEM
 (62) 2016283501

(71) Vibrotek Pty Ltd
 (21) 2019200720 (22) 01.02.2019
 (54) Method of tuning a vibrating medical device and a connector for the same
 (62) 2013337594

(71) VNOMICS CORP.
 (21) 2019200522 (22) 25.01.2019
 (54) SYSTEM AND METHOD FOR IN-VEHICLE OPERATOR TRAINING
 (62) 2017200782

(71) W.L. Gore & Associates, Inc.
 (21) 2019200712 (22) 01.02.2019
 (54) Prosthetic valves with mechanically coupled leaflets
 (62) 2015364334

(71) W. L. Gore & Associates, Inc.
 (21) 2019200491 (22) 24.01.2019
 (54) Coherent single layer high strength synthetic polymer composites for prosthetic valves
 (62) 2015382370

(71) Waters, T.
 (21) 2019200497 (22) 24.01.2019
 (54) METAL OXIDE CEMENT
 (62) 2017228691

(71) WestRock Shared Services, LLC
 (21) 2019200516 (22) 25.01.2019
 (54) Retail ready package for carded products
 (31) 16/221,878 (32) 17.12.18 (33) US

(71) Xyleco, Inc.
 (21) 2019200695 (22) 01.02.2019
 (54) Array For Processing Materials
 (62) 2014225485

(71) Zasso Group AG
 (21) 2019200647 (22) 31.01.2019
 (54) Weed inactivation device
 (31) 102018003199.4 (32) 19.04.18 (33) DE

(71) ZTE Corporation
 (21) 2019200710 (22) 01.02.2019
 (54) Multi-user code division multiple access communication method, and corresponding transmitter and receiver
 (62) 2015321190

Numerical Index

2019200469	Snap-on Incorporated	2019200564	Mayo Foundation for Medical Education and Research
2019200491	W. L. Gore & Associates, Inc.	2019200565	TIANJIN TAIYANGSHEN TECHNOLOGY CO., LTD.
2019200492	Picker Technologies LLC	2019200566	Monaghan, W.
2019200497	Waters, T.	2019200567	Mitsubishi Heavy Industries Thermal Systems, Ltd.
2019200498	ADTRAN, Inc.	2019200568	Dynamics Inc.
2019200499	O'Donnell, K.; Bruner, B.	2019200569	Ainsworth Game Technology Limited
2019200501	Cargotec Patenter AB	2019200570	Angel Playing Cards Co., Ltd.
2019200502	ROSENBLOOD, K.	2019200571	Epivax, Inc.
2019200504	UNITED THERAPEUTICS CORPORATION	2019200573	Board of Regents, The University of Texas System
2019200506	Momak Pty Ltd	2019200574	Metalform (Dannevirke) Limited
2019200507	Tata Consultancy Services Limited	2019200576	Landa Labs (2012) Ltd
2019200508	Megadyne Medical Products, Inc.	2019200577	Implantica Patent Ltd
2019200510	Aristocrat Technologies Australia Pty Limited	2019200578	LANDA LABS (2012) LTD
2019200511	University of South Florida	2019200579	Accenture Global Solutions Limited
2019200512	Minerva Neurosciences, Inc.	2019200580	Bayer HealthCare LLC
2019200513	Astellas Institute for Regenerative Medicine	2019200581	DEI GRATIA PTY LTD
2019200514	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	2019200582	Tornier
2019200515	Sony Corporation	2019200583	LIGHT FIELD LAB, INC.
2019200516	WestRock Shared Services, LLC	2019200584	Aristocrat Technologies Australia Pty Limited
2019200517	Mills Brands Pty Ltd	2019200585	Burgun, D.
2019200518	Owens-Brockway Glass Container Inc.	2019200586	DEKA Products Limited Partnership
2019200519	Toshiba Energy Systems & Solutions Corporation; Kabushiki Kaisha Toshiba	2019200587	Colgate-Palmolive Company
2019200520	AGCO Corporation	2019200588	Tornier
2019200521	FRITZ SCHÄFER GMBH	2019200589	Janssen Biotech, Inc.
2019200522	VNOMICS CORP.	2019200590	Aristocrat Technologies Australia Pty Limited
2019200523	Ozzie's Pipeline Padder, Inc.	2019200591	Ubiquitek Ltd
2019200524	Mack Aquarium Pty Ltd	2019200592	Dana-Farber Cancer Institute, Inc.; Children's Medical Center Corporation
2019200525	University of Central Florida Research Foundation, Inc.	2019200593	PLAE, Inc.
2019200526	Meishan CRRC Brake Science & Technology Co.,Ltd	2019200594	Covidien LP
2019200527	Glasspoint Solar, Inc.	2019200595	Ember Technologies, Inc.
2019200528	Implantica Patent Ltd	2019200596	Owens-Brockway Glass Container Inc.
2019200529	Biosense Webster (Israel) Ltd.	2019200597	Alstom Transport Technologies
2019200530	Accenture Global Solutions Limited	2019200598	Qualcomm Incorporated
2019200531	Snap-on Incorporated	2019200599	Transdev Group
2019200532	ViaCyte, Inc.	2019200600	Covidien LP
2019200533	Cixi Qicheng Machinery Technology Co., Ltd.	2019200601	MacDon Industries Ltd.
2019200534	Alcoa USA Corp	2019200602	ViaSat, Inc.
2019200535	Minimally Invasive Surgical Technologies, Inc.	2019200603	LG Electronics Inc.
2019200536	Gorenje gospodinjski aparati, d.d.	2019200604	LG Electronics Inc.
2019200538	Regeneron Pharmaceuticals, Inc.	2019200605	Institut Curie; INSERM (Institut National de la Sante et de la Recherche Medicale)
2019200539	CNH Industrial America LLC	2019200606	ATI Properties, Inc.
2019200540	Ong, T.	2019200607	LANDA LABS (2012) LTD
2019200541	Janssen Biotech, Inc.	2019200608	Herman Miller, Inc.
2019200542	RingIT, Inc.	2019200609	Mayerle, D.
2019200543	TOPPAN PRINTING CO., LTD.	2019200611	Aristocrat Technologies Australia Pty Limited
2019200544	Decora Blind Systems Ltd	2019200613	Massachusetts Institute of Technology
2019200545	Dexcom, Inc.	2019200615	Leatherman Tool Group, Inc.
2019200546	The University of British Columbia; Acuitas Therapeutics Inc.; Arbutus Biopharma Corporation	2019200616	Unitract Syringe Pty Ltd
2019200547	Deere & Company	2019200617	Tendyne Holdings, Inc.
2019200548	LG Electronics Inc.	2019200618	Novozymes, Inc.
2019200549	Schott AG	2019200619	Sony Corporation
2019200550	JCM American Corporation	2019200621	Apple Inc.
2019200551	Gregory, S.	2019200623	Presbyopia Therapies, LLC
2019200552	Hamilton, D.M.	2019200624	LC Automation Pty Ltd
2019200553	General Electric Company	2019200625	Neuroscience Research Australia (NeuRA); The Johns Hopkins University
2019200554	Boston Scientific Neuromodulation Corporation	2019200626	Fisher & Paykel Healthcare Limited
2019200555	SPRING LOADED TECHNOLOGY INCORPORATED	2019200627	Sulzer Management AG
2019200556	Sequenom, Inc.	2019200628	Seres Therapeutics, Inc.
2019200557	Incube Labs, LLC	2019200629	TCS John Huxley Europe Limited
2019200558	Philip Morris Products S.A.	2019200630	The Board of Trustees of the Leland Stanford Junior University
2019200559	Novartis AG	2019200631	Gambro Lundia AB
2019200560	ESS Engineering Services & Supplies Pty Limited	2019200633	Billzy Pty Ltd
2019200561	PowerPal Pty Ltd	2019200634	Applied Medical Resources Corporation
2019200562	NUVERA FUEL CELLS, LLC	2019200635	F. Hoffmann-La Roche AG
2019200563	Aristocrat Technologies Australia Pty Limited		

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2019200636	Covidien LP	2019200712	W.L. Gore & Associates, Inc.
2019200637	Brainsway, Ltd.	2019200713	Deere & Company
2019200638	Dyax Corp.	2019200714	SIMI CONNECT LIMITED
2019200639	Covidien LP	2019200715	Deere & Company
2019200640	Genmark Diagnostics, Inc.	2019200716	Seminis Vegetable Seeds, Inc.
2019200641	CDA Research Group, Inc.	2019200717	Implantica Patent Ltd
2019200642	EyeVerify Inc.	2019200718	Laura Metaal Holding B.V.
2019200643	QIAGEN GmbH	2019200719	Aristocrat Technologies Australia Pty Limited
2019200644	Snap-on Incorporated	2019200720	Vibrotek Pty Ltd
2019200645	Corium International, Inc.	2019200721	Adobe Inc.
2019200646	Spinal Elements, Inc.	2019200722	Pindrop Security, Inc.
2019200647	Zasso Group AG	2019200723	Vertex Pharmaceuticals Incorporated
2019200648	Sandvik Intellectual Property AB	2019200724	DynaEnergetics GmbH & Co. KG
2019200649	Semnur Pharmaceuticals, Inc.	2019200725	Stryker Corporation
2019200650	Daikin Industries, Ltd.	2019200732	Apple Inc.
2019200651	Cinsay, Inc.		
2019200652	The Nielsen Company (US), LLC		
2019200653	Advanced Breath Diagnostics, LLC		
2019200654	SCHLUMBERGER TECHNOLOGY B.V.		
2019200656	Colgate-Palmolive Company		
2019200657	Mesoblast, Inc.		
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2019200663	Drexel University; Baruch S. Blumberg Institute; Arbutus Biopharma, Inc.		
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2019200678	Aristocrat Technologies Australia Pty Limited		
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2019200680	Aristocrat Technologies Australia Pty Limited		
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Applications listed below were processed through the Patent Office Canberra during the period ending 29 Jan 2019 .
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

<hr/> <p>(71) Apple Inc. (21) 2019100079 (22) 24.01.2019 (54) Devices, methods, and graphical user interfaces for system-wide behavior for 3D models (31) 16/145,039 (32) 27.09.18 (33) US 62/621,529 24.01.18 US</p> <hr/> <p>(71) AUSTRALIAN SCIENCES PTY LTD (21) 2019100089 (22) 28.01.2019 (54) Tiltable Photovoltaic Module Mounting with Refillable Hollow Base (31) 2018904388 (32) 16.11.18 (33) AU</p> <hr/> <p>(71) Barnes, R. (21) 2019100092 (22) 29.01.2019 (54) Spare Tyre Valve Extension (31) 2018904244 (32) 07.11.18 (33) AU</p> <hr/> <p>Bartlam, S. see Bailey, N. (21) 2019100095</p> <hr/> <p>(71) Chang, P.; Xu, G.; Huang, J.; Zhao, Z.; Ding, X. (21) 2019100099 (22) 30.01.2019 (54) An innovative wind tunnel apparatus for evaluating haul road dust suppressants</p> <hr/> <p>(71) CONTINENTAL PACKAGING (THAILAND) CO., LTD. (21) 2019100096 (22) 29.01.2019 (54) A METHOD FOR BONDING POLYMER COATED PAPER AND PLAIN PAPER USING ULTRASONIC WAVES</p> <hr/> <p>(71) Crown Melbourne Limited (21) 2019100094 (22) 29.01.2019 (54) SYSTEM FOR BONUS PAYMENT IN BACCARAT RELATED APPLICATIONS (62) 2018100553</p> <hr/> <p>(71) Digihealth Innovations Pty. Ltd. (21) 2019100109 (22) 01.02.2019 (54) Software platform for In-Home care monitoring (62) 2017101213</p> <hr/>	<p>Ding, X. see Chang, P. (21) 2019100099</p> <hr/> <p>(71) Excell, B. (21) 2019100093 (22) 29.01.2019 (54) IMPROVEMENTS TO RAIN WATER HARVESTING</p> <hr/> <p>(71) GIANNI INDUSTRIES INC. (21) 2019100081 (22) 24.01.2019 (54) LOCK APPLIANCE WITHOUT NEEDING TO ADJUST INSTALLATION POSITION</p> <hr/> <p>(71) HassanzadehFetr, S. (21) 2019100097 (22) 29.01.2019 (54) Prominent Ear Correction Aid without Cosmetic Surgery (31) 1397501400030035 (32) 21.07.18 (33) IR</p> <hr/> <p>(71) Henan Normal University (21) 2019100113 (22) 03.02.2019 (54) A privacy-preserved reversible data hiding scheme for color images</p> <hr/> <p>Huang, J. see Chang, P. (21) 2019100099</p> <hr/> <p>(71) HUANG, W. (21) 2019100091 (22) 29.01.2019 (54) Oil Liquid Filtration System</p> <hr/> <p>(71) HumAlnify (21) 2019100112 (22) 03.02.2019 (54) Brain Computer Interface embedded in consumer apparel</p> <hr/> <p>(71) Kennedy, B. (21) 2019100080 (22) 24.01.2019 (54) Golf putting training aid (31) 2018900321 (32) 02.02.18 (33) AU</p> <hr/> <p>(71) Kharat, B. (21) 2019100087 (22) 25.01.2019 (54) OLIGOMERS WITH INCREASED HYPERPOLARIZABILITIES (31) IN201821046264 (32) 06.12.18 (33) IN</p> <hr/> <p>(71) KING CHUNE INDUSTRIAL CO., LTD. (21) 2019100110 (22) 01.02.2019 (54) FAST-ASSEMBLED MODULARIZED OVEN DEVICE</p> <hr/>	<p>(71) Li, Z.H. (21) 2019100090 (22) 29.01.2019 (54) Sheet Metal Roll Forming Machine with Sealant Injection</p> <hr/> <p>(71) Message 4U Pty Limited (21) 2019100103 (22) 31.01.2019 (54) A SYSTEM AND METHOD FOR DELIVERING IN-APP CONTENT USING MOBILE MESSAGING (31) 2018900436 (32) 12.02.18 (33) AU</p> <hr/> <p>(71) MFA FINANCIAL HOLDINGS PTY LTD; MFA Motorways (Australia) Pty Ltd (21) 2019100051 (22) 17.01.2019 (54) Automated Tolls, Fines and Infringements and GPS Tracking for Fleet, Novated & Rental Car Business Management.</p> <hr/> <p>MFA Motorways (Australia) Pty Ltd see MFA FINANCIAL HOLDINGS PTY LTD (21) 2019100051</p> <hr/> <p>(71) Monk, R. (21) 2019100102 (22) 31.01.2019 (54) RER Fuel Atomiser (31) 2018902564 (32) 16.07.18 (33) AU</p> <hr/> <p>Narasimha, A. see Saini, D. (21) 2019100098</p> <hr/> <p>(71) OXTI CORPORATION (21) 2019100086 (22) 25.01.2019 (54) SCREEN SUPPORT FRAME CAPABLE OF REDUCING SCREEN WIRING DISTANCE AND SIMPLIFYING WIRING</p> <hr/> <p>(71) Qiao Song Technology Co., Ltd; Wei Long Metals Co., Ltd (21) 2019100083 (22) 25.01.2019 (54) Grid Structure</p> <hr/> <p>(71) RKC Holdings Pty Ltd (21) 2019100101 (22) 30.01.2019 (54) AIRBAG SUSPENSION ASSEMBLY</p> <hr/> <p>(71) Saini, D.; Narasimha, A. (21) 2019100098 (22) 30.01.2019 (54) LPD Cartridge Nasal Filter</p> <hr/>
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 (54) AN ANTI-SHOCK DEVICE
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 (21) 2019100108 (22) 01.02.2019
 (54) A WATER SAMPLE COLLECTING DEVICE AND METHOD IN MARINE SCIENTIFIC RESEARCH
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(71) Tianjin Research Institute for Water Transport Engineering, M.O.T.
 (21) 2019100106 (22) 01.02.2019
 (54) Wireless charging technology-based rubber tyre gantry crane power supply system

(71) Tsindos, S.
 (21) 2019100088 (22) 27.01.2019
 (54) A software application that measures the level of sentiment in commentary through analysis of key words and associated descriptors applying a total score to each comment and an individual score for each key word.
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(71) Vesper, S.
 (21) 2019100111 (22) 03.02.2019
 (54) Multiple Senses Levelling Device

(71) Vilches, M.
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 (54) RENT-a-TEMP " Creating innovation within all industries"

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(71) WISEnut, Inc.
 (21) 2019100084 (22) 25.01.2019
 (54) System and method for transmitting adaptive text stream data in network environment
 (31) 10-2018-0166098 (32) 20.12.18 (33) KR

(71) WISEnut, Inc.
 (21) 2019100085 (22) 25.01.2019
 (54) Supervisor system for managing streaming big data processing module using micro-service architecture and method thereof
 (31) 10-2018-0165524 (32) 19.12.18 (33) KR

Xu, G. see Chang, P.
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2019100051	MFA FINANCIAL HOLDINGS PTY LTD; MFA Motorways (Australia) Pty Ltd	2019100095	Bailey, N.; Bartlam, S.
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2019100085	WISEnut, Inc.	2019100103	Message 4U Pty 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
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- 16 Application Refused
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- 18 Application Lapsed Reg. 3.2B(3),(5) or (6)
- 20 Patent Ceased Section 143A(b)/Reg. 22.2D(2) or (4)
- 21 Patent Ceased Section 101C(b)/Section 143A(c)/Reg. 9A.4
- 22 Patent Ceased Section 143A(d), or Expired
- 23 Patent Ceased Section 143A(e)
- 24 Application Lapsed Reg. 22.2E(2)
- 25 Application Lapsed Reg. 22.2I(2)

- A Applications on which examination has not been requested or directed
- B Applications on which a direction to request examination has been given
- C Applications on which examination has been requested or on which an examination report has been issued
- D Applications which have been accepted or advertised accepted
- 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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 2017201181 (5C) 2017201304 (5C) 2017201307 (5C)
 2017201323 (5C) 2017201574 (5C) 2017201621 (5C)
 2017202263 (5C) 2017202708 (4C) 2017202796 (5C)
 2017203339 (4C) 2017203488 (5C) 2017203678 (16C)
 2017204377 (4C) 2017204605 (4C) 2017208248 (16C)
 2017216598 (5CN) 2017219038 (5C) 2017219161 (5C)
 2017235915 (5C) 2017265082 (5CN) 2017268553 (5C)

2018

2018101777 (18AN) 2018200063 (1B) 2018232968 (1B)
 2018260965 (1B) 2018900268 (12AN) 2018900342 (12AN)
 2018900559 (12AN)

2019

2019200471 (12AN)

Assignments before Grant, Section 113

2013

2013374192 Naqvi, Damian; Hagel, Jeffrey The application has been assigned to **Naqvi, Damian**

2014

2014306362 Elastagen Pty Ltd The application has been assigned to **Allergan Pharmaceuticals International Limited**

2014328458 Elastagen Pty Ltd The application has been assigned to **Allergan Pharmaceuticals International Limited**

Assignments before Grant, Section 113

2014369169 MS REI S.r.l. The application has been assigned to **Bike S.R.L.**

2014379258 ADC Communications (Australia) Pty Ltd.; ADC Telecommunications, Inc.; Tyco Electronics (Shanghai) Co., Ltd.; CommScope Connectivity Australia Pty Ltd The application has been assigned to **CommScope Connectivity Australia Pty Ltd; ADC Telecommunications, Inc.; CommScope Telecommunications (Shanghai) Co. Ltd.; CommScope Technologies LLC**

2014400237 Hangzhou Great Star Tools Co., Ltd.; Hangzhou Great Star Industrial Co., Ltd. The application has been assigned to **Ratchet Solutions, Inc.**

2015

2015201690 Barclays Bank PLC The application has been assigned to **Barclays Services Limited**

2015213679 Cascadian Therapeutics, Inc. The application has been assigned to **Seattle Genetics, Inc.**

2015263055 University of Technology, Sydney The application has been assigned to **Longas Technologies Pty Ltd**

2015283822 CSL Limited The application has been assigned to **CSLBehring Lengnau AG**

2015333601 Blue Ribbon Roasting Pty Ltd The application has been assigned to **Granum (Overseas) Pty Ltd**

2015391991 Halliburton Energy Services, Inc. The application has been assigned to **Multi-Chem Group, LLC.**

2015903565 Elastagen Pty Ltd The application has been assigned to **Allergan Pharmaceuticals International Limited**

2016

2016251640 Alivigen USA Inc. The application has been assigned to **Biogen MA Inc**

2016314775 Elastagen Pty Ltd The application has been assigned to **Allergan Pharmaceuticals International Limited**

2016360524 Dibie, Alain The application has been assigned to **TricPer SAS**

2016371994 Tohoku University; Clean Planet Inc. The application has been assigned to **Clean Planet Inc.**

2016904516 Elastagen Pty Ltd The application has been assigned to **Allergan Pharmaceuticals International Limited**

2017

2017204582 Elastagen Pty Ltd The application has been assigned to **Allergan Pharmaceuticals International Limited**

2017223177 Physical Optics Corporation The application has been assigned to **IntelliSense Systems, Inc.**

Assignments before Grant, Section 113

2017232098 Boys, John; Covic, Grant; Auckland UniServices Limited The application has been assigned to **Auckland UniServices Limited**

2017232215 Barclays Bank PLC The application has been assigned to **Barclays Services Limited**

2017253674 Radius Health, Inc. The application has been assigned to **3M Innovative Properties Company; Radius Health, Inc.**

2017305105 Nestlawn Pty Ltd The application has been assigned to **5Dtect IP Pty Ltd**

2018

2018200487 Morphotek, Inc. The application has been assigned to **Eisai R&D Management Co., Ltd.**

2018205070 Tucker, David The application has been assigned to **ESS-HELP, INC.**

2018222971 Elastagen Pty Ltd The application has been assigned to **Allergan Pharmaceuticals International Limited**

2018900663 Elastagen Pty Ltd The application has been assigned to **Allergan Pharmaceuticals International Limited**

2018902631 Iaconis, Francesco; Rajkovic, Bodin The application has been assigned to **Aus Chairs Pty Ltd**

2019

2019200220 Ensign Drilling Partnership The application has been assigned to **Ensign Drilling Inc.**

Extensions of Time, Section 223

Applications Received

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

2002

2002034395 **Independent Gaming Services Pty Ltd** An application to extend the time from 18 Apr 2018 to 18 Nov 2018 in which to pay a renewal fee has been filed . Address for service - Lawrence Shepherd PO BOX 6906 Baulkham Hills NSW 2153 AU

2016

2016256597 **Knorr, A.** An application to extend the time from 20 Oct 2018 to 20 May 2019 in which to gain acceptance has been filed . Address for service - Andrew Karl Knorr 42 Campbell St Traralgon VIC 3844 AU

Extensions of Time, Section 223

Applications Allowed - Section 223(2)

2014

2014361729 **Garock Pty Ltd** The time in which to pay the acceptance fee has been extended to 28 Sep 2018 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2016

2016207935 **Surma Oy** The time in which to request Examination has been extended to 14 Jan 2019 . Address for service - CHILIAD CONSULTING PTY LTD GPO Box 1629 Adelaide SA 5001 AU

2018

2018271342 **Deere & Company** The time in which to claim the convention priority date has been extended to 11 Dec 2018 . Address for service - Davies Collison Cave Pty Ltd Level 14 255 Elizabeth Street Sydney NSW 2000 AU

2018271346 **Deere & Company** The time in which to claim the convention priority date has been extended to 11 Dec 2018 . Address for service - Davies Collison Cave Pty Ltd Level 14 255 Elizabeth Street Sydney NSW 2000 AU

2018274867 **MUNZ, W.** The time in which to claim the convention priority date has been extended to 10 Dec 2018 . Address for service - Griffith Hack Level 29 Northpoint 100 ?Miller Street Sydney NSW 2001 AU

Section 223(1) Allowances

2016

2016213868 **Halliburton Energy Services, Inc.** The time in which to pay the renewal fee has been extended to 19 Feb 2019

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.

2011

2011289543 Novel synthesis for thiazolidinedione compounds **Cirus Therapeutics, Inc.** The nature of the amendment is as shown in the statement(s) filed 29 Jan 2019 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2013

2013270469 Abuse-Resistant Controlled-Release Opioid Dosage Form **Mundipharma Pty Limited** The nature of the amendment is as shown in the statement(s) filed 21 Jan 2019 . Address for service

Amendments

- Allens Patent & Trade Mark Attorneys Deutsche Bank Place Corner Hunter and Phillip Streets SYDNEY NSW 2000 AU

2014

2014247189 Beta-hairpin peptidomimetics **Polyphor AG** The nature of the amendment is as shown in the statement(s) filed 22 Jan 2019 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2014271193 Apparatus, system and method for desalination of groundwater **Crisalis International Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 13 Nov 2018 . Address for service - FB Rice Pty Ltd PO BOX 7342 Cloisters Square WA 6850 AU

2014279983 Distribution plate for gas/liquid contact columne with secondary distribution system **IFP Energies nouvelles** The nature of the amendment is as shown in the statement(s) filed 25 Jan 2019 . Address for service - Griffith Hack GPO Box 4164 SYDNEY NSW 2001 AU

2014280326 Die for manufacturing a film by extrusion **Blue Solutions** The nature of the amendment is as shown in the statement(s) filed 04 Jan 2019 . Address for service - Griffith Hack GPO Box 4164 SYDNEY NSW 2001 AU

2014360374 Power Supply And Method Of Manufacturing **UT-Battelle, LLC** The nature of the amendment is as shown in the statement(s) filed 24 Jan 2019 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2015

2015201868 LOAD TAP CHANGER **General Electric Company** The nature of the amendment is as shown in the statement(s) filed 17 Jan 2019 . Address for service - Phillips Ormonde Fitzpatrick L 16 333 Collins St Melbourne VIC 3000 AU

2015210453 Abuse Resistant Controlled Release Opioid Dosage Form **Mundipharma Pty Limited** The nature of the amendment is as shown in the statement(s) filed 21 Jan 2019 . Address for service - Allens Patent & Trade Mark Attorneys Deutsche Bank Place Corner Hunter and Phillip Streets SYDNEY NSW 2000 AU

2015241276 Decoding and synthesizing frames for incomplete video data **Microsoft Technology Licensing, LLC** The nature of the amendment is as shown in the statement(s) filed 01 Feb 2019 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2015296977 Method and apparatus for loading **Turbett Surgical LLC** The nature of the amendment is as shown in the statement(s) filed 14 Jan 2019 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2015408750 Oral care implement **Colgate-Palmolive Company** The nature of the amendment is as shown in the statement(s) filed 29 Jan 2019 . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

2016

2016225774 PROXIMITY SENSING ON MOBILE ROBOTS **iRobot Corporation** The nature of the amendment is as shown in the

Amendments

statement(s) filed 30 Jan 2019 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2017

2017202246 Multiple sensors for monitoring health and wellness of an animal **i4c Innovations Inc.** The nature of the amendment is as shown in the statement(s) filed 01 Feb 2019 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

Amendments Made

2006

2006226733 **Genmab A/S** The nature of the amendment is as shown in the statement(s) filed 31 Aug 2018

2007

2007302448 **Genmab A/S** The nature of the amendment is as shown in the statement(s) filed 31 Aug 2018

2009

2009322077 **Slattery Group Holdings Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 10 Aug 2018

2013

2013203186 **Genmab A/S** The nature of the amendment is as shown in the statement(s) filed 31 Aug 2018

2014

2014259503 **E. I. du Pont de Nemours and Company** The nature of the amendment is as shown in the statement(s) filed 04 Oct 2018

2014288953 **Ipsen Bioinnovation Limited** The nature of the amendment is as shown in the statement filed 24 Oct 2018

2014318725 **Eagle Biologics, Inc.** The nature of the amendment is as shown in the statement(s) filed 30 May 2018 and 03 Sep 2018

2015

2015208033 **Bionor Immuno AS** The nature of the amendment is: Amend the name of the inventor to read Lundemose, Anker; Ökvist, Mats; Hovden, Arnt Ove and Grønvold, Maja Sommerfelt

2015243611 **Sanofi** The nature of the amendment is as shown in the statement filed 07 Nov 2018

2015249527 **Rio Tinto Alcan International Limited** The nature of the amendment is: Amend the name of the inventor to read Boivin, Alain; Bouchard, Marie-Louise; Simard, Guy; SAVARD, Véronique and Gravel, Simon

2015293703 **Econic Technologies Ltd** The nature of the amendment is: Amend the name of the inventor to read Keyworth, Colin; Chapman, Andy; Chartoire, Anthony; Hollis, Emmalina; Williams, Charlotte and Kember, Michael

2015345332 **Vetco Gray Scandinavia AS** The nature of the amendment is: Amend the name of the inventor to read Landi, Giacomo; Jain, Ashish and Rosvold, Marius

Amendments

2016

2016204127 **Regeneron Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement(s) filed 05 Nov 2018

2016220364 **Alibaba Group Holding Limited** The nature of the amendment is as shown in the statement(s) filed 04 Jan 2019

2016222362 **Tuchfeld, R.; Mendi, R.** The nature of the amendment is: Amend the name of the inventor to read Mendi, Ronen Yechiel and Tuchfeld, Ronen

2016249039 **Panasonic Intellectual Property Corporation of America** The nature of the amendment is: Amend the invention title to read Coverage enhancement level signaling and efficient packing of MTC system information

2016250774 **Rosemount Analytical Inc.** The nature of the amendment is: Application is to proceed under the number 2016102405

2016258018 **Invista Textiles (U.K.) Limited; Abdulbaki, M.; Tung, W.** The nature of the amendment is: Amend the name of the inventor to read Abdulbaki, Mansour K.

2016383921 **Suntory Holdings Limited** The nature of the amendment is: Amend the invention title to read Beverage, method for producing beverage, and method for suppressing foaming of beverage

2017

2017201934 **China University of Mining & Technology, Beijing** The nature of the amendment is: Application is to proceed under the number 2017101847

2017228429 **Reliance Medical Products, Inc.** The nature of the amendment is: Amend the name of the inventor to read Rivlin, Vladimir M.

2017240546 **Suntory Holdings Limited** The nature of the amendment is: Amend the invention title to read Fading reduced beverage

2017241871 **Suntory Holdings Limited** The nature of the amendment is: Amend the invention title to read Beverage with suppressed decrease in degree of sweetness

2017247880 **Cancer Research Technology Limited** The nature of the amendment is: Amend the name of the inventor to read Quezada, Sergio; Peggs, Karl and Vargas, Frederick Arce

2017256269 **Daikin Industries, Ltd.** The nature of the amendment is: Amend the invention title to read Outdoor Unit of Refrigeration Cycle Apparatus

2017280440 **Koofy Innovation Limited** The nature of the amendment is: Amend the name of the inventor to read Ma, Ondy Song Qi

2017287380 **Yip, C.** The nature of the amendment is: Amend the invention title to read Multi-stage aeration generator and method of sewage treatment

Amendments

2017296226 **ConMed Corporation** The nature of the amendment is: Amend the invention title to read Cannula assembly for robotically assisted pressure regulated laparoscopic surgical procedures

2017297457 **Wang, Q.** The nature of the amendment is: Amend the invention title to read Continuous Production Device And Method For Glass Fiber Reinforced Tape Polyethylene Composite Pipe

2017298699 **Dongguan Prestige Sporting Products Co., Ltd.** The nature of the amendment is: Amend the invention title to read FOLDING SCOOTER FRAME

2017298700 **Dongguan Prestige Sporting Products Co., Ltd.** The nature of the amendment is: Amend the invention title to read FOLDING SCOOTER FRAME

2017302388 **Exeger Operations AB** The nature of the amendment is as shown in the statement(s) filed 22 Jan 2019

2017305243 **Exactech, Inc.** The nature of the amendment is as shown in the statement filed 29 Jan 2019

2017306012 **Hitachi Zosen Corporation** The nature of the amendment is: Amend the invention title to read METHANATION REACTION CATALYST, METHOD FOR PRODUCING METHANATION REACTION CATALYST AND METHOD FOR PRODUCING METHANE

2017310233 **Qualcomm Incorporated** The nature of the amendment is: Amend the name of the inventor to read Kubota, Keiichi; Horn, Gavin Bernard; Lopes, Luis and Kitazoe, Masato

2017312812 **The Gillette Company LLC** The nature of the amendment is: Amend the name of the inventor to read Nisby, John Joseph; Stone, Matthew Robert; Ju, Yongqing and Duff Jr., Ronald Richard

2017320784 **Nestec SA** The nature of the amendment is: Amend the name of the inventor to read German, Jamey and Vieira, Josélio Batista

2017322897 **Kao Corporation** The nature of the amendment is: Amend the invention title to read METHOD OF PRODUCING LIPID

2017392255 **South China Normal University** The nature of the amendment is: Amend the invention title to read PHASE AND POLARIZATION MULTI-DEGREE-OF-FREEDOM MODULATED QKD NETWORK SYSTEM AND METHOD

2018

2018100685 **Apple Inc.** The nature of the amendment is: Amend the priority details to remove divisional 2017101132

2018208140 **Chun Yick Environmental Energy-Saving Steel Company Limited** The nature of the amendment is: Amend the invention title to read ENERGY-SAVING GAS BURNER HEAD AND GAS FURNACE THEREOF

2018278964 **Chuang, L.** The nature of the amendment is: Application is to proceed under the number 2018278964

2018282316 **BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD.** The nature of the amendment is: Amend the in-

Amendments

vention title to read Systems and methods for displaying movement of vehicle on map

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

2007

2007248654 **Luitpold Pharmaceuticals, Inc.** The name of the patentee has been altered to **AMERICAN REGENT, INC**

2010

2010260208 **Bristol-Myers Squibb Holdings Ireland ; Pfizer Inc.** The name of the patentee has been altered to **Bristol-Myers Squibb Holdings Ireland Unlimited Company; Pfizer Inc.**

2011

2011220775 **Bristol-Myers Squibb Holdings Ireland; Pfizer Inc.** The name of the patentee has been altered to **Bristol-Myers Squibb Holdings Ireland Unlimited Company; Pfizer Inc.**

2012

2012331182 **Laboratorios del Dr. Esteve, S.A.** The name of the patentee has been altered to **ESTEVE PHARMACEUTICALS, S.A**

2013

2013213564 **LABORATORIOS DEL DR. ESTEVE, S.A.; FUNDACIO PRIVADA INSTITUT DE RECERCA DE LA SIDA – CAIXA** The name of the patentee has been altered to **Fundacio Privada Institut de Recerca de la Sida - Caixa; ESTEVE PHARMACEUTICALS, S.A**

2013224146 **Laboratorios del Dr. Esteve, S.A.** The name of the patentee has been altered to **ESTEVE PHARMACEUTICALS, S.A**

2013323435 **Bristol-Myers Squibb Holdings Ireland ; Pfizer Inc.** The name of the patentee has been altered to **Bristol-Myers Squibb Holdings Ireland Unlimited Company; Pfizer Inc.**

2014

2014274101 **OCULUS VR, LLC.** The name of the patentee has been altered to **Facebook Technologies, LLC**

2014293665 **Imprimis Pharmaceuticals, Inc.** The name of the patentee has been altered to **Harrow Health, Inc.**

2015

2015203932 **Oculus VR, LLC** The name of the patentee has been altered to **Facebook Technologies, LLC**

2015230977 **Colabs, Inc.** The name of the applicant has been altered to **CoLabs Medical, Inc.**

2015234603 **Orica International Pte Ltd; Rodney Appleby** The name of the applicant has been altered to **Orica International Pte Ltd**

2015234708 **Orica International Pte Ltd; Steven Kotsonis** The name of the applicant has been altered to **Orica International Pte Ltd**

2015237234 **Conjugon, Inc.** The name of the applicant has been altered to **Atterx Biotherapeutics, Inc.**

Amendments

2015245889 Kaba Ilco Inc. The name of the applicant has been altered to **dormakaba Canada Inc.**

2015371041 Glostrup Hospital The name of the applicant has been altered to **GeelTech ApS**

2015371319 Conjugon, Inc. The name of the applicant has been altered to **Atterx Biotherapeutics, Inc.**

2016

2016222362 Tuchfeldo, Ronen; Mendi, Ronen The name of the patentee has been altered to **Tuchfeld, R.; Mendi, R.**

2016258841 Blackburn Energy, LLC The name of the applicant has been altered to **Blackburn Energy, Inc.**

2016357087 Irvine Scientific Sales Company, Inc. The name of the applicant has been altered to **FUJIFILM Irvine Scientific, Inc.**

2017

2017101619 Trisco Export Co Pty Ltd The name of the patentee has been altered to **Trisco ICAP Pty Ltd**

2017200163 Oculus VR, LLC The name of the patentee has been altered to **Facebook Technologies, LLC**

2017276810 Commonwealth Scientific and Industrial Research Organisation; The Department of Primary Industries, an Office of the Department of Industry Skills and Regional Development The name of the applicant has been altered to **Commonwealth Scientific and Industrial Research Organisation; The Crown in right of the State of New South Wales acting through the Department of Primary Industries as an Office of the Department of Industry**

2017283168 Miwire ApS The name of the applicant has been altered to **MiWire ApS**

2017289711 Drayson Technologies (europe) Limited The name of the applicant has been altered to **Drayson Technologies (Europe) Limited**

2017290811 Thalmic Labs Inc. The name of the applicant has been altered to **North Inc.**

2017293932 University of Virginia Patent Foundation The name of the applicant has been altered to **Virginia Tech Intellectual Properties, Inc.; University of Virginia Patent Foundation**

2017301645 Imprimis Pharmaceuticals, Inc. The name of the applicant has been altered to **Harrow Health, Inc.**

2017303171 Daikin Industries, Ltd.; Daikin Europe N.v. The name of the applicant has been altered to **Daikin Industries, Ltd.; Daikin Europe N.V.**

2018

2018203901 GTF 2 Engineering & Services UK Ltd The name of the applicant has been altered to **Gates Engineering & Services UK Ltd**

Amendments

2018217293 Davison, Nigel; Roberts, Adrian; Glass, Gareth The name of the applicant has been altered to **E-Chem Technologies Ltd**

2018256516 Robert Bosch GmbH The name of the applicant has been altered to **Carnegie Mellon University; Robert Bosch GmbH**

2018278003 Beijing Didi Infinity Technology and Development Co., Ltd. The name of the applicant has been altered to **BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD.**

2018279296 Ningbo Hongdu Mosu Co., Ltd. The name of the applicant has been altered to **Ningbo Hongdu Model Plastics Co., Ltd.**

2018279297 Ningbo Hongdu Mosu Co., Ltd. The name of the applicant has been altered to **Ningbo Hongdu Model Plastics Co., Ltd.**

2018279298 Ningbo Hongdu Mosu Co., Ltd. The name of the applicant has been altered to **Ningbo Hongdu Model Plastics Co., Ltd.**

2018900635 Trisco Export Co Pty Ltd The name of the applicant has been altered to **Trisco ICAP Pty Ltd**

2018904685 Booth, Michael; KMFOCUS PTY. LIMITED The name of the applicant has been altered to **Booth, M.**

2019

2019100065 David Fennell The name of the applicant has been altered to **Preventative Enterprises Pty Ltd**

2019200537 The Board of Regents, The University of Texas The name of the applicant has been altered to **The Board of Regents, The University of Texas System**

2019900166 Williams, Andrew The name of the applicant has been altered to **Williams, A.**

Applications Open to Public Inspection

Name Index

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

(71) Accenture Global Solutions Limited
 (11) AU-A-2018208739
 (21) 2018208739 (22) 27.07.2018
 (54) DETERMINING DIGITAL VALUE OF A DIGITAL TECHNOLOGY INITIATIVE
 (51) Int. Cl.
G06F 17/40 (2006.01)
 (31) 15/663,986 (32) 31.07.17 (33) US
 (43) 14.02.2019
 (72) ARORA, Shobit; CAMPAGNA, Christian; DELAWALLA, Aneel; WISE, Charles
 (74) Murray Trento & Associates Pty Ltd

(71) Accenture Global Solutions Limited
 (11) AU-A-2019200530
 (21) 2019200530 (22) 25.01.2019
 (54) IDENTIFYING NETWORK SECURITY RISKS
 (51) Int. Cl.
G06F 21/50 (2013.01)
H04L 29/02 (2006.01)
 (43) 14.02.2019
 (62) 2017204597
 (72) DIVALENTIN, Louis William; CARVER, Matthew
 (74) Murray Trento & Associates Pty Ltd

(71) Ace Products Holdings Pty Ltd
 (11) AU-A-2017208326
 (21) 2017208326 (22) 27.07.2017
 (54) Low Profile Rose Door Furniture
 (51) Int. Cl.
E05B 3/00 (2006.01)
 (43) 14.02.2019
 (72) Laverty, Edward T.; Terei, Anaru; Horton, Colin
 (74) Spruson & Ferguson

Acuitas Therapeutics Inc. see The University of British Columbia
 (21) 2019200546

(71) Adimab, LLC
 (11) AU-A-2019200298
 (21) 2019200298 (22) 21.01.2019
 (54) Antibody libraries
 (51) Int. Cl.
C40B 30/04 (2006.01)
 (43) 14.02.2019
 (62) 2016225862
 (72) VASQUEZ, Maximiliano; SIVASUBRAMANIAN, Arvind; FELDHAUS, Michael
 (74) FB Rice Pty Ltd

(71) AgaMatrix, Inc.
 (11) AU-A-2019200475
 (21) 2019200475 (22) 24.01.2019
 (54) Electrochemical test strip
 (51) Int. Cl.
C12M 1/34 (2006.01)
C12Q 1/00 (2006.01)
G01N 27/327 (2006.01)
G01N 33/487 (2006.01)
 (43) 14.02.2019
 (62) 2017204379
 (72) Iyengar, Sridhar; Harding, Ian
 (74) Jones Tulloch

(71) AGCO Corporation
 (11) AU-A-2019200520
 (21) 2019200520 (22) 25.01.2019
 (54) Method for estimating feed quality of alfalfa as it is cut
 (51) Int. Cl.
A01D 41/127 (2006.01)
 (43) 14.02.2019
 (62) 2015235828
 (72) ROBERTS, Jeffrey Sullivan; JOHNSON, Ryan Paul; MACNEILL, L. Grant; GOOD, Grant Lewis; WOLLENHAUPT, Nyle C.
 (74) Griffith Hack

(71) Alcoa USA Corp
 (11) AU-A-2019200534
 (21) 2019200534 (22) 25.01.2019
 (54) Fertilizer Compositions And Methods Of Making And Using The Same
 (51) Int. Cl.
A62D 3/30 (2007.01)
C05C 1/02 (2006.01)
C05G 3/00 (2006.01)
 (43) 14.02.2019
 (62) 2017219074
 (72) WEAVER, Mark L.; CRUM, Kyle A.; NICHOLS, Judodine; IWIG, David F.; ORKIS, Steven C.; CARKIN, Gerald E.; GENCAGA, Orhan Deniz; SUNDAY, Stephen P.; HARRISON, Ian Ross; SMITH, John R.; PARKS, Shannon L.; GERSHENZON, Mikhail
 (74) WRAYS PTY LTD

(71) Allen, J.
 (11) AU-A-2017208296
 (21) 2017208296 (22) 27.07.2017
 (54) A Stockfeed Mill With An Integral Grain Mill
 (51) Int. Cl.
A01F 29/01 (2006.01)
A01F 11/00 (2006.01)
A01F 29/04 (2006.01)
A01K 5/00 (2006.01)
B02C 9/00 (2006.01)

(43) 14.02.2019
 (72) Allen, James Scott
 (74) James Scott Allen

(71) Allied-Tek (Thailand) Company Limited
 (11) AU-A-2017370316
 (21) 2017370316 (22) 27.07.2017
 (54) Tipper platform
 (51) Int. Cl.
B65G 67/40 (2006.01)
B65G 67/32 (2006.01)
B66F 7/22 (2006.01)
 (43) 14.02.2019
 (72) Pongkachorn, Somporn; Pongkachorn, Saniva; Sukthuyat, Nawin
 (74) Phillips Ormonde Fitzpatrick

(71) American Greetings Corporation
 (11) AU-A-2017235998
 (21) 2017235998 (22) 29.09.2017
 (54) GREETING CARD WITH SQUEEZE TRIGGER ACTIVATION
 (51) Int. Cl.
B42D 15/02 (2006.01)
 (31) 15/665,137 (32) 31.07.17 (33) US
 (43) 14.02.2019
 (72) Speck, Katalina
 (74) Spruson & Ferguson

Amgen Inc. see Amgen Research (Munich) GmbH
 (21) 2019200493

(71) Amgen Research (Munich) GmbH; Amgen Inc.
 (11) AU-A-2019200493
 (21) 2019200493 (22) 24.01.2019
 (54) Binding Molecules For BCMA and CD3
 (51) Int. Cl.
C07K 16/28 (2006.01)
 (43) 14.02.2019
 (62) 2014230217
 (72) Kufer, Peter; Raum, Tobias; Hoffmann, Patrick; Rau, Doris; Adam, Paul; Borges, Eric; Hebeis, Barbara; Hipp, Susanne; Kischel, Roman; Lutterbüse, Ralf
 (74) WRAYS PTY LTD

(71) Angel Playing Cards Co., Ltd.
 (11) AU-A-2018208648
 (21) 2018208648 (22) 24.07.2018
 (54) Game token money, method of manufacturing game token money, and inspection system
 (51) Int. Cl.
G07F 1/06 (2006.01)
A44C 21/00 (2006.01)
G06K 7/10 (2006.01)

Applications Open to Public Inspection - Name Index cont'd

(31) 2017-144920 (32) 26.07.17 (33) JP
(43) 14.02.2019
(72) Shigeta, Yasushi
(74) Davies Collison Cave Pty Ltd

(71) Angel Playing Cards Co., Ltd.
(11) AU-A-2019200486
(21) 2019200486 (22) 24.01.2019
(54) System and method for managing packages of shuffled playing cards
(51) Int. Cl.
A63F 1/06 (2006.01)
(43) 14.02.2019
(62) 2016230242
(72) Shigeta, Yasushi
(74) FB Rice Pty Ltd

Arbutus Biopharma Corporation see The University of British Columbia
(21) 2019200546

(71) Aristocrat Technologies Australia Pty Limited
(11) AU-A-2019200495
(21) 2019200495 (22) 24.01.2019
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2018206684	J.C. Bamford Excavators Limited	2019200495	Aristocrat Technologies Australia Pty Limited
2018206753	Xinjiang Goldwind Science & Technology Co., Ltd.	2019200496	Yiwu Fengqing Technology Co., Ltd.
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2018208710	West Affum Holdings Corp.	2019200512	Minerva Neurosciences, Inc.
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<u>B60P 3 /-</u>	<u>G02B 6 /-</u>	
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A61K 38/17 (2006.01)
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C07C 1/04 (2006.01)
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F25B 9/00 (2006.01)
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B07B 9/00 (2006.01)
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G01N 21/27 (2006.01)
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B65D 25/54 (2006.01)
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A01C 7/06 (2006.01)
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C12M 3/06 (2006.01)
C12N 7/02 (2006.01)
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F04D 17/12 (2006.01)
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F04D 25/16 (2006.01)
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B29C 64/321 (2017.01)
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<p>(71) Safran Electronics & Defense; B-Temia Inc. (11) AU-A-2017302122 (21) 2017302122 (22) 28.07.2017 (54) Exoskeleton structure that provides force assistance to the user (51) Int. Cl. A61H 3/00 (2006.01) (87) WO2018/020032 (31) 1657295 (32) 28.07.16 (33) FR (43) 01.02.2018 (72) Soucy, Francisco; Bilodeau, Katia; Zoso, Nathaniel; Baptista, Jonathan; Grenier, Jordane (74) Davies Collison Cave Pty Ltd</p>	<p>(71) Sanofi Pasteur, Inc.; SK Bioscience Co., Ltd. (11) AU-A-2017306711 (21) 2017306711 (22) 04.08.2017 (54) Multivalent pneumococcal polysaccharide-protein conjugate composition (51) Int. Cl. A61K 39/00 (2006.01) A61K 39/09 (2006.01) A61K 39/116 (2006.01) A61K 39/385 (2006.01) A61K 39/39 (2006.01) (87) WO2018/027126 (31) 62/525,945 (32) 28.06.17 (33) US 62/371,553 05.08.16 US (43) 08.02.2018 (72) An, Kyungjun; Choi, Wooyoung; Ham, Dongsoo; Kim, Hun; Shin, Jinhwan; Hopfer, Robert; Kensinger, Richard D.; Kyaw, Moe; Desauziers, Eric; El Guerche Seblain, Clotilde; Talaga, Philippe (74) WRAYS PTY LTD</p>	<p>(31) 62/371,529 (32) 05.08.16 (33) US (43) 08.02.2018 (72) An, Kyungjun; Choi, Wooyoung; Ham, Dongsoo; Kim, Hun; Shin, Jinhwan; Hopfer, Robert; Kensinger, Richard D.; Kyaw, Moe; Desauziers, Eric; El Guerche Seblain, Clotilde; Talaga, Philippe (74) WRAYS PTY LTD</p>	<p>(71) SelfServeMe Pty Ltd (11) AU-A-2017314759 (21) 2017314759 (22) 31.05.2017 (54) Customer service systems and portals (51) Int. Cl. G06F 16/00 (2019.01) G06Q 50/00 (2006.01) (87) WO2018/035554 (31) 2016903364 (32) 24.08.16 (33) AU (43) 01.03.2018 (72) Madafferi, Leon; Bunshaw, Gavin (74) FB Rice Pty Ltd</p>
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B65D 1/06 (2006.01)
A47G 19/00 (2006.01)
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B29C 64/112 (2017.01)
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the production of acrylonitrile
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B01J 23/30 (2006.01)
C07B 61/00 (2006.01)
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uses thereof
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uses thereof
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C07D 239/36 (2006.01)
A61K 31/513 (2006.01)
A61P 1/16 (2006.01)
A61P 1/18 (2006.01)
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A61K 31/4353 (2006.01)
A61P 5/50 (2006.01)
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and delivery of entities
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C08G 59/24 (2006.01)
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C08J 9/28 (2006.01)
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C01G 23/00 (2006.01)
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F28D 21/00 (2006.01)
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2016417616	Motorola Solutions, Inc.	2017294103	S.A. Lhoist Recherche et Developpement
2016418333	Sexy Back Bra, LLC	2017294466	Berker GmbH & Co. KG
2016418574	Alfred Kärcher SE & Co. KG	2017295722	ICU Medical, Inc.
2016423143	Essity Hygiene and Health Aktiebolag	2017295876	Encite LLC
2016423520	Essity Hygiene and Health Aktiebolag	2017296038	Digital Asset Holdings, LLC
2016423751	Halliburton Energy Services, Inc.	2017296082	ZEA10, LLC
2016423793	Halliburton Energy Services, Inc.	2017297138	Joint Stock Company "BIOCAD"
2016423795	Halliburton Energy Services, Inc.	2017297427	Smartsky Networks LLC
2016428201	Visa International Service Association	2017297603	Fred Hutchinson Cancer Research Center
2016428302	Honda Motor Co.,Ltd.	2017297722	Dosatron International
2017274094	Shanghai HEP Pharmaceutical Co., Ltd.	2017298002	EREMA Engineering Recycling Maschinen und Anlagen Gesellschaft m.b.H.
2017280351	W. L. Gore & Associates, Inc.	2017298015	Machine Engineering Systems Pty Ltd
2017280369	Tygrus, LLC	2017298040	Azzarello, M.; Azzarello, J.
2017280451	Between Lizenz GmbH; Universität Stuttgart; Kerres, J.; Häring, T.	2017298251	Beijing Mabworks Biotech Co. Ltd.
2017281232	Invincea, Inc.	2017298280	Behr Process Corporation
2017283277	Capretto Ehf.	2017298545	Berkeley Lights, Inc.
2017286966	Blodgett, S.	2017298873	AstraZeneca AB
2017287002	Electric Road Ltd.	2017299175	F-Star Beta Limited
2017287529	Tohoku University; Life Science Institute, Inc.	2017299217	Höganäs AB
2017287637	BPI Beads Production International GmbH; Hofmeister Kristall GmbH	2017299401	Caterpillar Inc.
2017287794	Compac Technologies Limited	2017299456	Scientia Vascular, LLC
2017287803	Esco Medical ApS	2017299457	Scientia Vascular, LLC
2017287902	Bristol-Myers Squibb Company	2017300259	NantOmics, LLC; Nant Holdings IP, LLC
2017288458	Robert Bosch GmbH	2017300349	Nanjing Legend Biotech Co., Ltd.
2017288499	Koninklijke Philips N.V.	2017300421	IHI Corporation
2017288511	Koninklijke Philips N.V.	2017300666	InterDigital Patent Holdings, Inc.
2017288566	Devenish Nutrition Limited	2017300726	Synthos S.A.
2017288568	Devenish Nutrition Limited	2017300752	Red Valve Company, Inc.
2017288932	The United States of America, as represented by the Secretary of Agriculture; The University of Connecticut	2017300759	Precision Planting LLC
2017288933	Robert Bosch GmbH	2017300767	Precision Planting LLC
2017288969	BASF SE	2017300950	Petalite Limited
2017289014	Hanmi Pharm. Co., Ltd.	2017301004	Dematic Corp
2017289043	X Development LLC	2017301012	National Institute of Plant Genome Research
2017289252	Live Nation Entertainment, Inc.	2017301099	Goondicum Resources Pty Ltd
2017289297	Kijashka, E.	2017301100	The Boeing Company; Commonwealth Scientific and Industrial Research Organisation
2017289870	Novocure Limited	2017301227	Institut National de la Recherche Scientifique
2017290061	Wing Aviation LLC	2017301242	9754741 Canada Ltd.
2017290112	Swan Cytologics Inc.	2017301410	Aiviva Holding Limited
2017290253	Armstrong World Industries, Inc.	2017301416	Inductotherm Corp.
2017290352	United Laboratories International, LLC	2017301528	Bayer Animal Health GmbH
2017290389	Resolve Therapeutics, LLC	2017301543	Corning Research & Development Corporation
2017290659	Warshavski, O.	2017301640	Square, Inc.
2017290785	The Board of Regents of The University of Texas System	2017301691	Repligen Corporation
2017290811	Thalmic Labs Inc.	2017301731	Carl Zeiss Vision International GmbH
2017290891	Abrakadabra Reklam ve Yayincilik Limited Sirketi	2017301737	Renovia Inc.
2017290907	Declion Holdings LLC	2017301739	Von Oepen, R.; McNiven, S.
2017291178	Welltec Oilfield Solutions AG	2017301740	McNiven, S.; Valencia, F.; Von Oepen, R.
2017291276	Devenish Nutrition Limited	2017301741	Von Oepen, R.; McNiven, S.; Valencia, F.
2017291374	Syed, U.	2017301767	Sunovion Pharmaceuticals, Inc.
2017291814	Wu, Y.; Martin, B.	2017301769	Sunovion Pharmaceuticals, Inc.
2017291821	Aluma Safety, Inc.	2017301860	BNL Eurolens
2017291886	Bayer CropScience Aktiengesellschaft	2017301884	Simon Fraser University
2017292050	Dairyionics Ltd	2017301892	Ovabrite, Inc
2017292156	Spinning Top Energy S.r.l.	2017301928	Corium International, Inc.
2017292164	Bhutani, V.	2017301929	Corium International, Inc.
2017292777	McCormick & Company, Incorporated	2017302038	OBI Pharma, Inc.
2017292778	McCormick & Company, Incorporated	2017302066	Cobex GmbH
2017292889	Iovance Biotherapeutics, Inc.	2017302068	Crown Packaging Technology, Inc.
2017292901	Silice Pty Ltd	2017302122	Safran Electronics & Defense; B-Temia Inc.
		2017302235	Johnson Controls Technology Company
		2017302236	Johnson Controls Technology Company

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2017302243	Chevron U.S.A. Inc.	2017307965	Obshchestvo S Ogranichennoy Otvetstvennost'yu "obedinennaya Kompaniya "rusal Inzhenerno-Tekhnologicheskiy Tsentr"
2017302244	Chevron U.S.A. Inc.	2017308042	Kimberly-Clark Worldwide, Inc.
2017302304	Q'Apel Medical, LLC	2017308590	Janssen Biotech, Inc.
2017302305	Corium International, Inc.	2017308725	Westrock Packaging Systems, LLC
2017302306	Corium International, Inc.	2017308734	Janssen Biotech, Inc.
2017302307	Corium International, Inc.	2017308819	WITricity Corporation
2017302342	Honeywell International Inc.	2017309015	Kissei Pharmaceutical Co., Ltd.
2017302541	Sharp Kabushiki Kaisha; FG Innovation Company Limited	2017309083	LG Electronics Inc.
2017302593	Trudeau, L.	2017309084	LG Electronics Inc.
2017302615	Biofire Diagnostics, LLC.; Biofire Defense, LLC.	2017309221	Guangzhou Sinogen Biomedical Technology, Ltd
2017302635	Flx Bio, Inc.	2017309281	CUP&CINO Kaffeessystem-Vertrieb GmbH & Co. KG
2017302657	Regeneron Pharmaceuticals, Inc.	2017309751	Dompe' Farmaceutici S.p.A.
2017302668	Novartis AG; The Trustees of the University of Pennsylvania; Anak, O.; Bilic, S.; Brogdon, J.; Cameron, J.; Chou, W.; Howard Jr., D.; Isaacs, R.; June, C.; Lacey, S.; Maude, S.; Melenhorst, J.; Shuster, S.; Quintas-Cardama, A.	2017309773	British American Tobacco (Investments) Limited
2017302672	Mayo Foundation for Medical Education and Research	2017309824	The Council of the Queensland Institute of Medical Research
2017302847	Maeda Road Construction Co.,Ltd	2017310380	Netflix, Inc.
2017302958	Sony Corporation	2017310454	F. Hoffmann-La Roche AG
2017303530	Solubag SpA	2017311034	Sexy Back Bra, LLC
2017303537	BNL Eurolens	2017311046	Ahrens, B.; Heine, T.
2017303596	UBE Industries, Ltd.	2017311446	BASF SE
2017303620	Yamaguchi University; Eiken Kagaku Kabushiki Kaisha	2017311447	BASF SE
2017303624	HealthQuest Pharma Inc.	2017311513	AMO Development, LLC
2017304220	ResMed Pty Ltd	2017311636	Orasis Pharmaceuticals Ltd.
2017304246	Pultrusion Technique Inc.	2017311669	DePuy Synthes Products, Inc.
2017304249	Zehnder Group International AG; Sympatex Technologies GmbH	2017311706	Parachur, V.
2017304363	Soletanche Freyssinet	2017311925	FUJIFILM Toyama Chemical Co., Ltd.
2017304376	Oller Duque, L.	2017312366	Intertek Group Plc
2017304755	Depuy Ireland Unlimited Company	2017312380	Siemens Mobility GmbH
2017304769	Ecobunker Limited	2017312947	Arizona Board of Regents on behalf of Arizona State University
2017304779	Sunshine Lake Pharma Co., Ltd.	2017312968	Vanessa Research, Inc.
2017304792	Wang, C.	2017313120	Donaldson Company, Inc.
2017304952	Ginkgo Pharma Co., Ltd.	2017313186	Gruner AG
2017305104	Perry, B.	2017313296	Support-Venture GmbH
2017305106	Breville Pty Limited	2017313658	Svmtech, LLC
2017305150	Koppers Performance Chemicals Inc.	2017313763	Cordance Medical Inc.
2017305170	The United States of America, as represented by the Secretary Department of Health and Human Services	2017314119	Reckitt Benckiser Finish B.V.
2017305190	Vinventions USA, LLC	2017314759	SelfServeMe Pty Ltd
2017305227	Magic Leap, Inc.	2017314935	Ecolab USA, Inc.
2017305233	Simon Fraser University	2017315219	Nicoventures Holdings Limited
2017305243	Exactech, Inc.	2017315670	Dicerna Pharmaceuticals, Inc.
2017305328	Edwards Lifesciences Corporation	2017316139	Milliken & Company
2017305499	Nantomics, LLC	2017316199	NAL Pharmaceutical Group Limited; Mo, J.
2017305661	Emeramed Limited	2017316212	Milliken & Company
2017305754	Unicharm Corporation	2017316639	Zeno Royalties & Milestones, LLC
2017305867	Nokia Technologies Oy	2017316682	Arthrex, Inc.
2017306012	Hitachi Zosen Corporation	2017317004	Bucceri, A.
2017306038	The United States of America, as represented by the Secretary Department of Health and Human Services	2017317084	Motorola Solutions, Inc.
2017306267	Novartis AG; The Trustees of the University of Pennsylvania	2017317090	Southern Research Institute
2017306303	Crestovo Holdings LLC	2017318650	Nestec SA
2017306526	Nederlandse Organisatie Voor Toegepast-Natuurwetenschappelijk Onderzoek TNO	2017319430	Novartis AG; Wu, B.; Mathison, C.; Lam, P.; Malik, H.; Nguyen, T.; Zhu, X.
2017306548	Wake Forest University Health Sciences	2017320206	F. Hoffmann-La Roche AG
2017306575	The University of Newcastle	2017320303	Samsung Electronics Co., Ltd.
2017306605	Sunshine Lake Pharma Co., Ltd.	2017320333	Justoy Pty Limited
2017306678	Akili Interactive Labs, Inc.	2017320341	Commonwealth Scientific and Industrial Research Organisation
2017306698	Wake Forest University Health Sciences	2017320347	Dealer Trade Holdings Limited
2017306708	Sanofi Pasteur, Inc.; SK Bioscience Co., Ltd.	2017320513	F. Hoffmann-La Roche AG
2017306711	Sanofi Pasteur, Inc.; SK Bioscience Co., Ltd.	2017320593	Crinklaw Farm Services
2017306809	Jeuté, P.	2017322897	Kao Corporation
2017307512	Facebook, Inc.	2017324821	Karl Leibinger Medizintechnik GmbH & Co. KG
2017307544	Hip Innovation Technology, Llc	2017324928	Boston Scientific Neuromodulation Corporation
2017307645	Plastic Horseshoes Pty Ltd	2017325654	Visterra, Inc.
		2017329374	Electrolux Appliances Aktiebolag
		2017331934	Shuffle Master GmbH & Co KG
		2017332285	ALX Oncology Inc.
		2017337233	Kemira Oyj
		2017338057	JFE Steel Corporation
		2017363399	Laskavy, V.; Ivlev, A.

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

2017370316 Allied-Tek (Thailand) Company Limited
2017372634 Lexmark International, Inc.
2017391882 Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.
2017404565 Ping An Technology (Shenzhen) Co., Ltd.
2018206753 Xinjiang Goldwind Science & Technology Co., Ltd.
2018223739 Metcela Inc.
2018225820 Vanadiumcorp Resources Inc.; Electrochem Technologies & Materials Inc.
2018233013 ZhongAn Information Technology Services Co.,Ltd.
2018253470 Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.
2018261198 Bauldree, K.; Glynn, A.
2018276929 Zbom Home Collection Co., Ltd.
2018276930 Zbom Home Collection Co., Ltd.
2018279297 Ningbo Hongdu Mosu Co., Ltd.
2018282441 Beijing Didi Infinity Technology and Development Co., Ltd.
2018283862 Grow Solutions Tech LLC

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<u>A01B 13 /-</u>	<u>A01K 67 /-</u>	<u>A01P 3 /-</u>	<u>A47J 37 /-</u>	<u>A61K 31 /-</u>	2017302668
2017300767	2017302657	2017305150	2017305106	2017287902	2017305170
<u>A01B 63 /-</u>	<u>A01L 1 /-</u>	<u>A23J 1 /-</u>	<u>A47K 10 /-</u>	2017290907	2017306267
2017300767	2017307645	2017296082	2016423520	2017291276	2017306708
<u>A01B 69 /-</u>	<u>A01L 3 /-</u>	<u>A23K 10 /-</u>	<u>A47K 5 /-</u>	2017298873	2017306711
2017320593	2017307645	2017288566	2016423143	2017299175	2017325654
<u>A01B 79 /-</u>	<u>A01L 7 /-</u>	2017318650	<u>A47L 11 /-</u>	2017301767	2017332285
2017288969	2017307645	2017288566	2017302593	2017301928	2017363399
2017320593	<u>A01M 1 /-</u>	2017318650	<u>A47L 23 /-</u>	2017301929	<u>A61K 45 /-</u>
<u>A01C 1 /-</u>	2017298040	2017311706	2017302306	2017302305	2017289014
2017301242	<u>A01M 7 /-</u>	2017288568	2017302307	2017302307	2017293023
<u>A01C 11 /-</u>	2017288969	2017311706	2017302635	2017302635	2017301767
2017320593	2017300759	2017318650	2017303624	2017303624	2017305661
<u>A01C 23 /-</u>	2017300767	<u>A23K 40 /-</u>	2017304376	2017304779	<u>A61K 47 /-</u>
2017300767	<u>A01N 1 /-</u>	2017311706	2017304952	2017304952	2017289014
<u>A01C 7 /-</u>	2017312968	2017318650	2017305661	2017305661	2017293450
2017300767	<u>A01N 25 /-</u>	<u>A23L 2 /-</u>	2017306605	2017306605	2017301410
2017320593	2017288969	2017292778	2017306708	2017306708	2017301528
<u>A01D 34 /-</u>	2017305150	<u>A23L 27 /-</u>	2017309015	2017309015	2017305170
2016428302	2017311446	2017311669	2017309221	2017309221	2017311925
<u>A01G 25 /-</u>	2017311447	2017324821	2017309751	2017309751	<u>A61K 48 /-</u>
2017300767	<u>A01N 31 /-</u>	<u>A23L 33 /-</u>	2017310454	2017310454	2017293023
<u>A01G 9 /-</u>	2017283277	2017288568	2017311636	2017311636	<u>A61K 51 /-</u>
2018283862	<u>A01N 37 /-</u>	2017292778	2017313296	2017313296	2017311925
<u>A01J 5 /-</u>	2017283277	<u>A24F 47 /-</u>	2017315670	2017315670	<u>A61K 8 /-</u>
2017292050	<u>A01N 41 /-</u>	2017292777	2017319430	2017319430	2017292778
<u>A01K 1 /-</u>	2017290253	<u>A23P 10 /-</u>	<u>A61K 33 /-</u>	<u>A61K 33 /-</u>	<u>A61K 8 /-</u>
2017292050	<u>A01N 43 /-</u>	2017309773	2017304376	2017304376	2017292778
<u>A01K 13 /-</u>	2017315219	2017315219	2017311925	2017311925	<u>A61K 9 /-</u>
2018279297	<u>A41C 3 /-</u>	2016418333	<u>A61K 35 /-</u>	<u>A61K 35 /-</u>	2017292778
<u>A01K 43 /-</u>	2016418333	2017311034	2017287529	2017287529	2017292778
2017301892	2017291886	<u>A46B 11 /-</u>	2017291374	2017291374	2017298873
<u>A01K 45 /-</u>	2017305150	2017302593	2017298545	2017298545	2017301528
2017301892	2017311446	<u>A47B 95 /-</u>	2017302668	2017302668	2017301928
<u>A01K 5 /-</u>	2017315670	2018276930	2017306303	2017306303	2017301929
2017292050	<u>A01N 55 /-</u>	2017292901	2017306698	2017306698	2017302305
<u>A01K 13 /-</u>	2017305150	<u>A47G 19 /-</u>	2018223739	2018223739	2017302306
2018279297	<u>A01N 63 /-</u>	2017292901	<u>A61C 19 /-</u>	<u>A61C 19 /-</u>	2017302307
<u>A01K 43 /-</u>	2017301012	2017309773	2017303530	2017303530	2017304376
2017301892	<u>A01P 13 /-</u>	2017315219	<u>A61F 2 /-</u>	<u>A61F 2 /-</u>	2017310454
<u>A01K 5 /-</u>	2017311446	2016418333	2017301739	2017301739	2017311636
2017292050	2017311447	2017311034	2017301740	2017301740	2017315670
<u>A01K 13 /-</u>	2017315670	<u>A46B 11 /-</u>	2017301741	2017301741	<u>A61L 101 /-</u>
2018279297	<u>A01N 55 /-</u>	2017302593	2017304755	2017304755	2017305754
<u>A01K 43 /-</u>	2017305150	<u>A47B 95 /-</u>	2017305243	2017305243	<u>A61L 17 /-</u>
2017301892	<u>A01N 55 /-</u>	2018276930	2017305328	2017305328	2017316682
<u>A01K 45 /-</u>	2017305150	2017292901	2017307544	2017307544	<u>A61K 39 /-</u>
2017301892	<u>A01N 63 /-</u>	<u>A47G 19 /-</u>	<u>A61F 9 /-</u>	<u>A61F 9 /-</u>	2016293391
<u>A01K 5 /-</u>	2017301012	2017292901	2017311513	2017311513	2017288932
2017292050	<u>A01P 13 /-</u>	2017309773	<u>A61H 3 /-</u>	<u>A61H 3 /-</u>	2017290907
<u>A01K 13 /-</u>	2017311446	2017309281	2017302122	2017302122	2017293450
2017292050	2017311447	2017309281	<u>A61J 1 /-</u>	<u>A61J 1 /-</u>	2017297138
			2017305104	2017305104	2017297603
					2017298251
					2017299175
					2017300349
					2017301528
					2017302038

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<u>A61M 11 /-</u>	2017293023 2017301928 2017301929 2017302305 2017302306 2017302307 2017304779	<u>A62B 18 /-</u>	<u>B03C 1 /-</u>	<u>B29C 67 /-</u>	<u>B64C 39 /-</u>
2017315219		2017304220	2017301099	2017304363	2017289043 2017290061
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2017295876 2017309773 2017315219		2017301737	2017314935	2017301860	2017292901
<u>A61M 16 /-</u>	<u>A61P 27 /-</u>	<u>A63B 69 /-</u>	<u>B05B 12 /-</u>	<u>B32B 27 /-</u>	<u>B65D 1 /-</u>
2017304220	2017313296	2017304769	2016418574	2017303596	2017292901
<u>A61M 25 /-</u>	<u>A61P 29 /-</u>	<u>A63B 71 /-</u>	<u>B05B 9 /-</u>	<u>B32B 3 /-</u>	<u>B65D 25 /-</u>
2017299456 2017299457 2017301741 2017302304	2016293391 2017309015 2017332285	2017317004	2016418574	2017303596	2017305104
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2017290112	2017274094 2017309751	2017331934	2017300421 2017306575	2017303596	2017303530
<u>A61M 39 /-</u>	<u>A61P 31 /-</u>	<u>A63F 13 /-</u>	<u>B07B 13 /-</u>	<u>B33Y 30 /-</u>	<u>B65D 39 /-</u>
2017320513		2017290891	2017301242	2017288458	2017305190
<u>A61M 5 /-</u>		<u>A63F 7 /-</u>	<u>B07B 4 /-</u>	<u>B41F 17 /-</u>	<u>B65D 47 /-</u>
2017295722 2017320206 2017320513	<u>A61P 35 /-</u>	2017289297 2017317004	2017306575	2017302068	2017289297
<u>A61N 1 /-</u>		<u>B01D 15 /-</u>	<u>B07B 7 /-</u>	<u>B41F 33 /-</u>	<u>B65D 71 /-</u>
2017289870 2017292924 2017324928	2017298251 2017300349 2017302306 2017302307 2017303624 2017305170 2017309221 2017310454 2017311925 2017332285 2017363399	2017301691	2017300421 2017306575	2017302068	2017308725
<u>A61P 1 /-</u>		<u>B01D 39 /-</u>	<u>B07B 9 /-</u>	<u>B41J 2 /-</u>	<u>B65D 75 /-</u>
2017287529 2017304779 2017306303		2017313120	2017300421	2016416457 2017306809	2017305104
<u>A61P 11 /-</u>		<u>B01D 69 /-</u>	<u>B07C 5 /-</u>	<u>B60H 1 /-</u>	<u>B65D 83 /-</u>
2017287529 2017304779 2017319430		2017301691	2017287794 2017301004 2017301242	2017302342	2017305104
<u>A61P 13 /-</u>		<u>B01F 3 /-</u>	<u>B08B 3 /-</u>	<u>B60L 5 /-</u>	<u>B65F 3 /-</u>
2017287529 2017302306 2017302307 2017304779		2017302593	2017302593	2017287002	2017293654
<u>A61P 15 /-</u>	<u>A61P 37 /-</u>	<u>B01F 5 /-</u>	<u>B09B 3 /-</u>	<u>B60M 3 /-</u>	<u>B65G 1 /-</u>
2017287529 2017306605 2017309015	2017290907 2017300349 2017306708 2017332285	2017302593	2017305754	2017287002	2017301004
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2017287529 2017306605 2017309015	2017301767 2017304779	2017292777	2017299217	2017316139 2017316212	2017287794
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2017287529 2017306605 2017309015	2017287529 2017306605 2017316199	2017306012 2017317090	2017305150	2017293654	2017287794 2017301004
<u>A61P 27 /-</u>	<u>A61P 7 /-</u>	<u>B01J 37 /-</u>	<u>B29C 41 /-</u>	<u>B60R 3 /-</u>	<u>B65G 67 /-</u>
2017287529 2017306605 2017309015	2017306605	2017306012	2017303596	2017320333	2017370316
<u>A61P 37 /-</u>	<u>A61P 9 /-</u>	<u>B01J 8 /-</u>	<u>B29C 43 /-</u>	<u>B61B 13 /-</u>	<u>B65H 19 /-</u>
2017287529 2017304779	2017306605	2017306575	2017304249	2018283862	2017292903
<u>A61P 39 /-</u>		<u>B02C 15 /-</u>	<u>B29C 51 /-</u>	<u>B61L 23 /-</u>	<u>B65H 23 /-</u>
2017287529 2017304779		2017300421	2017304249	2017312380	2017292903
<u>A61P 43 /-</u>		<u>B03B 9 /-</u>	<u>B29C 64 /-</u>	<u>B61L 27 /-</u>	<u>B65H 45 /-</u>
2017287529 2017306605 2018223739		2017301099	2017288458 2017304363	2017312380	2016423520

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<u>B65H 54 /-</u>	<u>C07C 13 /-</u>	<u>C07D 275 /-</u>	<u>C07K 14 /-</u>	<u>C08L 25 /-</u>	2017316199 2017322897
2017292903	2017316639	2017291886 2017309751	2017274094 2017288932 2017289014	2017308042	<u>C12N 5 /-</u>
<u>B65H 75 /-</u>	<u>C07C 311 /-</u>	<u>C07D 277 /-</u>	2017293023 2017301012	<u>C08L 67 /-</u>	2017293023 2017298251
2017292903	2017309751	2017309751	2017301691 2017302668	2017308042	2017302668 2017303596
<u>B66F 7 /-</u>	<u>C07C 45 /-</u>	<u>C07D 285 /-</u>	2017306038 2017308590 2017316199	<u>C08L 79 /-</u>	2017306548 2017306698 2018223739
2017370316	2017317090	2017309751		2017305233	
<u>B67C 3 /-</u>	<u>C07C 47 /-</u>	<u>C07D 303 /-</u>	<u>C07K 16 /-</u>	<u>C08L 95 /-</u>	<u>C12N 7 /-</u>
2017292901	2017317090	2017301100	2016293391 2017292889	2017302847	2017301691
<u>C01B 32 /-</u>	<u>C07C 67 /-</u>	<u>C07D 311 /-</u>	2017293450 2017297138	<u>C09D 5 /-</u>	<u>C12N 9 /-</u>
2017299217	2017316639	2017301769	2017297603 2017298251	2017290253 2017298280	2017290389 2017322897
<u>C01B 33 /-</u>	<u>C07C 69 /-</u>	<u>C07D 401 /-</u>	2017299175 2017300349	<u>C09K 19 /-</u>	<u>C12P 19 /-</u>
2017304792 2018225820	2017316639	2017302635 2017319430	2017301410 2017305170	2017305233	2017302615
<u>C01F 11 /-</u>	<u>C07C 9 /-</u>	<u>C07D 413 /-</u>	2017306267 2017308590	<u>C09K 5 /-</u>	<u>C12P 7 /-</u>
2017294103	2017306012	2017306605 2017316639	2017308734 2017325654	2017302342	2017322897
<u>C01F 17 /-</u>	<u>C07D 213 /-</u>	<u>C07D 417 /-</u>	<u>C07K 19 /-</u>	<u>C10L 3 /-</u>	<u>C12Q 1 /-</u>
2017307965	2017316639	2017291886	2017293023	2017306012	2017302615 2017312947
<u>C01F 5 /-</u>	<u>C07D 215 /-</u>	<u>C07D 419 /-</u>	<u>C08G 59 /-</u>	<u>C11D 1 /-</u>	<u>C22B 1 /-</u>
2017294103 2017301227	2017291886	2017291886	2017301100	2017290352	2017294103 2017301099
<u>C01G 23 /-</u>	<u>C07D 231 /-</u>	<u>C07D 455 /-</u>	<u>C08J 11 /-</u>	<u>C11D 11 /-</u>	<u>C22B 3 /-</u>
2018225820	2017309751	2017304952	2017305754	2017314119	2017307965 2018225820
<u>C01G 31 /-</u>	<u>C07D 233 /-</u>	<u>C07D 471 /-</u>	<u>C08J 3 /-</u>	<u>C11D 17 /-</u>	<u>C22B 34 /-</u>
2018225820	2017301884	2017287902 2017304952	2017280451	2017314119	2017301099 2018225820
<u>C02F 1 /-</u>	<u>C07D 235 /-</u>	<u>C07D 491 /-</u>	<u>C08J 5 /-</u>	<u>C11D 3 /-</u>	<u>C22B 59 /-</u>
2017280369	2017309751	2017301769 2017304952 2017306605	2017280451 2017301100 2017308042	2017290352 2017314119	2017307965 2018225820
<u>C03B 19 /-</u>	<u>C07D 239 /-</u>	<u>C07D 493 /-</u>	<u>C08J 9 /-</u>	<u>C12M 1 /-</u>	<u>C22B 7 /-</u>
2017287637	2017304779 2017316639	2017300726 2017303596 2017305190	2017300726 2017302847	2017287803 2017303596 2017306548	2017307965 2018225820
<u>C04B 111 /-</u>	<u>C07D 241 /-</u>	<u>C07D 498 /-</u>	<u>C08K 3 /-</u>	<u>C12M 3 /-</u>	<u>C25C 1 /-</u>
2017294103 2017300726	2017291886	2017304952	2017300726 2017302847	2017301691 2017303596 2017306548	2017304246
<u>C04B 18 /-</u>	<u>C07D 249 /-</u>	<u>C07D 513 /-</u>	<u>C08K 5 /-</u>	<u>C12N 1 /-</u>	<u>C25C 3 /-</u>
2017294103	2017306605 2017309751	2017304952	2017302847	2017303596 2017322897	2017302066
<u>C04B 28 /-</u>	<u>C07D 257 /-</u>	<u>C07F 5 /-</u>	<u>C08K 7 /-</u>	<u>C12N 15 /-</u>	<u>C25C 7 /-</u>
2017300726	2017309751	2017316639	2017301100	2017293023 2017297138 2017297603	2017304246
<u>C07B 61 /-</u>	<u>C07D 261 /-</u>	<u>C07K 1 /-</u>	<u>C08L 23 /-</u>	2017298251 2017305170 2017312947	<u>D06F 33 /-</u>
2017306012 2017317090	2017306605 2017309751	2017301691	2017308042		2017309083 2017309084
<u>C07C 1 /-</u>	<u>C07D 263 /-</u>				
2017306012	2017309751 2017316639				

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2017309083 2017309084	2017304363	2017301691	2016417595	2017290659 2017301892 2017302672 2017320206	2017314759
<u>D06F 39 /-</u>	<u>E06B 3 /-</u>	<u>F04B 49 /-</u>	<u>F27D 11 /-</u>		<u>G06F 17 /-</u>
2017309083 2017309084	2018276929 2018276930	2017297722	2017301416		2017296038 2017310380 2018253470
<u>D06N 7 /-</u>	<u>E06B 9 /-</u>	<u>F04B 53 /-</u>	<u>F27D 21 /-</u>	<u>G01N 33 /-</u>	
2017316139 2017316212	2018276929	2017301691	2017301416	2017301892 2017303620 2017305499 2017309824	<u>G06F 21 /-</u>
<u>D21C 5 /-</u>	<u>E06C 1 /-</u>	<u>F04B 9 /-</u>	<u>F28D 21 /-</u>		2017281232 2017296038 2017404565
2017305754	2017320333	2017297722	2017304249	<u>G01N 9 /-</u>	
<u>D21H 17 /-</u>	<u>E06C 5 /-</u>	<u>F04D 17 /-</u>	<u>F28F 21 /-</u>	2017312366	<u>G06F 3 /-</u>
2017337233	2017320333	2017304220	2017304249	<u>G01R 31 /-</u>	2017290061 2017313763 2017317084
<u>D21H 21 /-</u>	<u>E21B 17 /-</u>	<u>F04D 25 /-</u>	<u>F28F 3 /-</u>	2017300950 2017302235 2017302236	<u>G06K 19 /-</u>
2017337233	2017291178	2017304220	2017304249	<u>G01S 7 /-</u>	2017372634
<u>E01C 13 /-</u>	<u>E21B 33 /-</u>	<u>F04D 29 /-</u>	<u>F42B 3 /-</u>	2017313763	<u>G06K 7 /-</u>
2017304769	2016423793 2016423795 2017291178	2017304220	2017311046	<u>G01V 1 /-</u>	2017290659
<u>E01C 7 /-</u>	<u>E21B 34 /-</u>	<u>F16C 32 /-</u>	<u>F42B 5 /-</u>	2017302243 2017302244	<u>G06K 9 /-</u>
2017302847	2016423751 2016423793	2017292156	2017311046	<u>G01V 15 /-</u>	2017290785 2017291814
<u>E01H 15 /-</u>	<u>E21B 7 /-</u>	<u>F16K 15 /-</u>	<u>F42C 19 /-</u>	2017372634	<u>G06N 5 /-</u>
2017293654	2017291178	2017300752 2017304220	2017311046	<u>G01V 99 /-</u>	2017300259
<u>E02D 17 /-</u>	<u>E21C 25 /-</u>	<u>F16K 17 /-</u>	<u>G01B 11 /-</u>	2017302243 2017302244	<u>G06N 99 /-</u>
2017304769	2017299401	2017304220	2017312366	<u>G02B 27 /-</u>	2017281232 2017300259
<u>E04B 7 /-</u>	<u>E21C 31 /-</u>	<u>F16K 27 /-</u>	<u>G01D 5 /-</u>	2017290811 2017305227	<u>G06Q 10 /-</u>
2017298015	2017299401	2016423751 2017300752	2017302068	<u>G02B 5 /-</u>	2017289043 2017289252 2017290061 2017292164 2017301004 2017312366 2018282441
<u>E04B 9 /-</u>	<u>E21D 9 /-</u>	<u>F16K 5 /-</u>	<u>G01F 22 /-</u>	2017301860	<u>G06Q 20 /-</u>
2017298015	2017299401	2016423751	2017312366	<u>G02B 6 /-</u>	2016428201 2017301640
<u>E04C 2 /-</u>	<u>F02P 11 /-</u>	<u>F16L 15 /-</u>	<u>G01G 9 /-</u>	2016416838 2017288499 2017288511 2017301543	<u>G06Q 30 /-</u>
2017298015	2017313658	2017338057	2017312366	<u>G02C 7 /-</u>	2017301640 2017320347
<u>E04C 5 /-</u>	<u>F02P 13 /-</u>	<u>F21S 11 /-</u>	<u>G01J 5 /-</u>	2017301731 2017301860 2017303537	<u>G06Q 50 /-</u>
2017304363	2017313658	2017298015	2017302672	<u>G05D 7 /-</u>	2017290061 2017307512 2017312366 2017314759 2017320347
<u>E04D 13 /-</u>	<u>F02P 23 /-</u>	<u>F21S 8 /-</u>	<u>G01L 5 /-</u>	2017313186	
2017298015	2017313658	2017298015	2017317084	<u>G06F 11 /-</u>	
<u>E04D 3 /-</u>	<u>F02P 9 /-</u>	<u>F21V 8 /-</u>	<u>G01L 7 /-</u>	2017281232	
2017298015	2017313658	2017288499 2017288511	2016418574	<u>G06F 12 /-</u>	
<u>E04F 15 /-</u>	<u>F03D 1 /-</u>	<u>F24F 11 /-</u>	<u>G01N 1 /-</u>	2017281232	
2017316139 2017316212	2017391882	2017298002 2017298545 2017303620 2017312968	2017298002 2017298545 2017303620 2017312968		
<u>E04G 21 /-</u>	<u>F04B 13 /-</u>	<u>F25B 9 /-</u>	<u>G01N 11 /-</u>		
2017304363	2017297722	2017302342	2017298002		

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<u>G06Q 99 /-</u>	<u>H01F 38 /-</u>	<u>H04L 9 /-</u>
2017312366	2017308819	2016428201 2017320341 2018233013
<u>G06T 1 /-</u>	<u>H01H 13 /-</u>	
2017291814	2016423143	<u>H04N 21 /-</u>
<u>G06T 17 /-</u>	<u>H01L 31 /-</u>	2017290891
2018206753	2017306526	<u>H04N 5 /-</u>
<u>G06T 19 /-</u>	<u>H01M 10 /-</u>	2017290811
2017288933 2017305227	2017302235 2017302236	<u>H04Q 9 /-</u>
<u>G06T 7 /-</u>	<u>H01M 2 /-</u>	2017312380
2017290785 2017291814 2017304363 2017312366 2017313763	2017280451	<u>H04R 25 /-</u>
	<u>H01M 8 /-</u>	2016413718
	2017280451	<u>H04W 12 /-</u>
<u>G08B 13 /-</u>	<u>H01R 13 /-</u>	2017289252
2016423143 2017291821	2017294466	<u>H04W 16 /-</u>
	<u>H02G 3 /-</u>	2017302958
<u>G08B 21 /-</u>	2017294466	<u>H04W 4 /-</u>
2017291821	<u>H02J 3 /-</u>	2016417616 2017302541 2017305867
<u>G08B 23 /-</u>	2017302235 2017302236	<u>H04W 48 /-</u>
2017281232		2017302541
<u>G08B 5 /-</u>	<u>H02J 50 /-</u>	<u>H04W 52 /-</u>
2018261198	2017308819	2017305867
<u>G09B 15 /-</u>	<u>H02K 7 /-</u>	
2017306678	2017292156	<u>H04W 72 /-</u>
<u>G09B 17 /-</u>	<u>H03H 7 /-</u>	2017305867
2017286966	2017287002	<u>H04W 74 /-</u>
<u>G09B 19 /-</u>	<u>H04B 1 /-</u>	2017305867
2017286966	2017312380	<u>H04W 8 /-</u>
<u>G09B 29 /-</u>	<u>H04B 7 /-</u>	2016417616 2017305867
2017288969	2017297427 2017300666 2017320303	<u>H04W 84 /-</u>
<u>G09B 5 /-</u>		2016417616
2017306678	<u>H04L 1 /-</u>	<u>H05B 6 /-</u>
<u>G09B 7 /-</u>	2017305867	2017301416 2017329374
2017306678	<u>H04L 12 /-</u>	
<u>G11B 5 /-</u>	2018233013	
2017372634	<u>H04L 29 /-</u>	
<u>H01B 1 /-</u>	2017306678 2017312380 2017372634 2018233013	

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<p>(71) Abbott Diabetes Care Inc. (11) AU-B-2016256825 (21) 2016256825 (22) 11.11.2016 (54) Health management devices and methods (51) Int. Cl. C12M 1/00 (2006.01) (43) 01.12.2016 (44) 14.02.2019 (62) 2014250677 (72) Bernstein, Daniel; Watkin, Jared; Fennell, Martin J.; Sloan, Mark K.; Love, Michael; Kiaie, Namvar; Cole, Jean-Pierre; Scott, Steve (74) FPA Patent Attorneys Pty Ltd</p> <hr/> <p>(71) Ab Initio Technology LLC (11) AU-B-2013344535 (21) 2013344535 (22) 15.11.2013 (54) Dynamic component performance monitoring (51) Int. Cl. G06F 11/34 (2006.01) (87) WO2014/078711 (31) 13/678,928 (32) 16.11.12 (33) US (43) 22.05.2014 (44) 14.02.2019 (72) Buxbaum, Mark; Mulligan, Michael G.; Wakeling, Tim; Atterbury, Matthew Darcy (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd</p> <hr/> <p>(71) Academia Sinica (11) AU-B-2018200094 (21) 2018200094 (22) 05.01.2018 (54) Large scale enzymatic synthesis of oligosaccharides (51) Int. Cl. C12P 19/04 (2006.01) C12N 9/10 (2006.01) (43) 25.01.2018 (44) 14.02.2019 (62) 2016206315 (72) Wong, Chi-Huey; Wu, Chung-Yi; Tsai, Tsung-I (74) FB Rice Pty Ltd</p> <hr/> <p>(71) Accenture Global Services Limited (11) AU-B-2017203762 (21) 2017203762 (22) 02.06.2017 (54) SYSTEM ARCHITECTURE FOR CLOUD-PLATFORM INFRASTRUCTURE LAYOUTS (51) Int. Cl. G06F 15/00 (2006.01) G06F 17/00 (2006.01) (43) 22.06.2017</p>	<p>(44) 14.02.2019 (62) 2015221442 (72) TUNG, Teresa; GOMADAM, Karthik; XIE, Qing (74) Murray Trento & Associates Pty Ltd</p> <hr/> <p>Adamson, D. see CiDRA Corporate Services Inc. (21) 2018200089</p> <hr/> <p>(71) Adare Pharmaceuticals S.r.l. (11) AU-B-2014234258 (21) 2014234258 (22) 21.03.2014 (54) Piperazine microcapsules and compositions containing them (51) Int. Cl. A61K 9/50 (2006.01) A61K 31/496 (2006.01) (87) WO2014/147242 (31) 61/804,448 (32) 22.03.13 (33) US (43) 25.09.2014 (44) 14.02.2019 (72) Stollberg, Christian; Bianchi, Giancarla; Fabiani, Flavio; Boltri, Luigi (74) Spruson & Ferguson</p> <hr/> <p>(71) Adolf Würth GmbH & Co. KG (11) AU-B-2016249627 (21) 2016249627 (22) 16.03.2016 (54) Assortment box and arrangement with at least one assortment box and a retaining strip (51) Int. Cl. B25H 3/02 (2006.01) B25H 3/04 (2006.01) (87) WO2016/165901 (31) 10 2015 206 606.1 (32) 14.04.15 (33) DE (43) 20.10.2016 (44) 14.02.2019 (72) Starke, Johannes; Koch, Simon; Hohl, Wolfgang (74) Davies Collison Cave Pty Ltd</p> <hr/> <p>(71) AFL Telecommunications LLC (11) AU-B-2016319776 (21) 2016319776 (22) 09.09.2016 (54) Tactical deployable cables (51) Int. Cl. G02B 6/44 (2006.01) (87) WO2017/044783 (31) 62/217,400 (32) 11.09.15 (33) US (43) 16.03.2017 (44) 14.02.2019 (72) Quinn, Justin; Stratton, Craig (74) FB Rice Pty Ltd</p> <hr/> <p>(71) AGFA NV (11) AU-B-2015205708 (21) 2015205708 (22) 06.01.2015 (54) Manufacturing of decorative laminates by inkjet (51) Int. Cl.</p>	<p>B41M 7/00 (2006.01) B41M 5/00 (2006.01) (87) WO2015/104249 (31) 14150788.9 (32) 10.01.14 (33) EP (43) 16.07.2015 (44) 14.02.2019 (72) Strijckers, Hans (74) Shelston IP Pty Ltd.</p> <hr/> <p>(71) Aker BioMarine Antarctic AS (11) AU-B-2016217566 (21) 2016217566 (22) 10.02.2016 (54) Lipid compositions (51) Int. Cl. C11B 1/10 (2006.01) A23K 10/22 (2016.01) A23K 20/158 (2016.01) (87) WO2016/128838 (31) 62/114,811 (32) 11.02.15 (33) US (43) 18.08.2016 (44) 14.02.2019 (72) Myhren, Finn; Hoem, Nils; Saebo, Asgeir; Oroskar, Anil R.; Oroskar, Asha A.; Mallia, Anantha Krishna (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd</p> <hr/> <p>(71) AK Steel Properties, Inc. (11) AU-B-2016206736 (21) 2016206736 (22) 14.01.2016 (54) Dual phase steel with improved properties (51) Int. Cl. C21D 8/04 (2006.01) C22C 38/04 (2006.01) (87) WO2016/115303 (31) 62/103,286 (32) 14.01.15 (33) US (43) 21.07.2016 (44) 14.02.2019 (72) Thomas, Grant Aaron; Barros Losz, Jose Mauro; Garza-Martinez, Luis Gonzalo; Case, Eddie Ray; Petersen, Eric; Rastogi, Prabhat (74) FPA Patent Attorneys Pty Ltd</p> <hr/> <p>(71) AK Steel Properties, Inc. (11) AU-B-2016264749 (21) 2016264749 (22) 20.05.2016 (54) Low alloy third generation advanced high strength steel (51) Int. Cl. C22C 38/02 (2006.01) C21D 8/02 (2006.01) C22C 38/04 (2006.01) C22C 38/06 (2006.01) C22C 38/12 (2006.01) (87) WO2016/187576 (31) 62/164,231 (32) 20.05.15 (33) US (43) 24.11.2016 (44) 14.02.2019 (72) Garza-Martinez, Luis Gonzalo; Thomas, Grant Aaron (74) FPA Patent Attorneys Pty Ltd</p>
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- (71) Alba Manufacturing Corp.
 (11) AU-B-2017254936
 (21) 2017254936 (22) 03.11.2017
 (54) AN EXPLOSIVE BOOSTER
 (51) Int. Cl.
F42B 1/00 (2006.01)
 (43) 23.11.2017
 (44) 14.02.2019
 (62) 2015300680
 (72) Van Niekerk, Albert Petrus; Goosen, Adriaan Johannes
 (74) AJ PARK
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- (71) Alcoa USA Corp
 (11) AU-B-2017219074
 (21) 2017219074 (22) 25.08.2017
 (54) Fertilizer Compositions And Methods Of Making And Using The Same
 (51) Int. Cl.
A62D 3/30 (2007.01)
C05C 1/02 (2006.01)
C05G 3/00 (2006.01)
 (43) 14.09.2017
 (44) 14.02.2019
 (62) 2014348742
 (72) WEAVER, Mark L.; CRUM, Kyle A.; NICHOLS, Judodine; IWIG, David F.; ORKIS, Steven C.; CARKIN, Gerald E.; GENCAGA, Orhan Deniz; SUNDAY, Stephen P.; HARRISON, Ian Ross; SMITH, John R.; PARKS, Shannon L.; GERSHENZON, Mikhail
 (74) WRAYS PTY LTD
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- (71) Alfons Haar, Inc.
 (11) AU-B-2015256527
 (21) 2015256527 (22) 16.04.2015
 (54) Method and apparatus for forming a can end with controlled thinning of formed portions of the can end
 (51) Int. Cl.
B21D 51/44 (2006.01)
B21D 22/06 (2006.01)
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 (87) WO2015/171282
 (31) 14/269,830 (32) 05.05.14 (33) US
 (43) 12.11.2015
 (44) 14.02.2019
 (72) Turner, Stephen B.
 (74) Griffith Hack
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- (71) Alibaba Group Holding Limited
 (11) AU-B-2016320876
 (21) 2016320876 (22) 09.09.2016
 (54) Method and apparatus for facilitating electronic payments using a wearable device
 (51) Int. Cl.
H04L 9/32 (2006.01)
G06Q 20/32 (2012.01)
G06Q 20/40 (2012.01)
G06Q 30/06 (2012.01)
H04L 9/14 (2006.01)
 (87) WO2017/044677
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 (74) Spruson & Ferguson
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- (71) ALIOS BioPharma, Inc.
 (11) AU-B-2014308991
 (21) 2014308991 (22) 19.08.2014
 (54) Antiviral compounds
 (51) Int. Cl.
C07D 207/267 (2006.01)
A61K 31/14 (2006.01)
A61K 31/33 (2006.01)
C07D 213/40 (2006.01)
C07D 233/58 (2006.01)
C07D 239/34 (2006.01)
C07D 277/28 (2006.01)
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C07D 413/12 (2006.01)
C07D 417/04 (2006.01)
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C07D 417/12 (2006.01)
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C07K 5/072 (2006.01)
G01N 33/574 (2006.01)
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G01F 23/24 (2006.01)
G01R 31/36 (2006.01)
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H04N 21/233 (2011.01)
G10L 19/16 (2013.01)
H04N 21/235 (2011.01)
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H03M 7/30 (2006.01)
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A61P 31/16 (2006.01)
A61P 31/22 (2006.01)
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B65D 90/02 (2006.01)
F17C 3/02 (2006.01)
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C07K 14/725 (2006.01)
C12N 15/13 (2006.01)
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H02M 7/42 (2006.01)
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2013260688	Samsung Electronics Co., Ltd.	2014317255	Getinge La Calhene
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2013344535	Ab Initio Technology LLC	2014343447	Consort Medical plc
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2014200473	SAMSUNG ELECTRONICS CO., LTD.	2014357817	Hosie, I.; Parker, S.; Henry, S.; Bovin, N.
2014200761	SAMSUNG ELECTRONICS CO., LTD.	2014359120	Tyco Electronics Simel S.A.S.; Tyco Electronics Brasil Ltda; TE Connectivity Corporation
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2014201526	Depuy Ireland Unlimited Company	2014361206	thyssenkrupp AG
2014202127	Samsung Display Co., Ltd	2014366219	Streamlight, Inc.
2014205215	Becton, Dickinson and Company	2014367679	Nisshin Steel Co., Ltd.
2014210908	University of Huddersfield	2014369751	Maricap Oy
2014216052	Covidien LP	2014371866	Chiyoda Corporation
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2014219089	Nant Holdings IP, LLC	2014383633	Skufca, P.
2014221206	JOHNSON & JOHNSON VISION CARE, INC.	2014384266	Philip Morris Products S.A.
2014223792	TouchPoint Medical, Inc.	2014385285	Solenis Technologies Cayman, L.P.
2014226126	Genzyme Corporation	2014386583	Shenzhen Chuangwei-Rgb Electronic Co., Ltd.
2014227748	Novadigm Therapeutics, Inc.; Los Angeles Biomedical Research Institute at Harbor-UCLA Medical Center	2014393024	Hurter, A.
2014227923	Bodor Laboratories, Inc.	2014393630	Decathlon
2014232323	Metactive Medical, Inc.	2014395655	Haier Group Technique R&D Center
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2014234239	Vorwerk & Co. Interholding GmbH	2014402938	Fu, L.
2014234258	Adare Pharmaceuticals S.r.l.	2014406936	Dow Global Technologies LLC; Rohm and Haas Company; UCAR Emulsion Systems FZE
2014240122	Onyx Therapeutics, Inc.	2014413252	Guangdong Meizhi Compressor Co., Ltd.
2014240198	Elaflex Hiby Tanktechnik GmbH & Co. KG	2014415573	HALLIBURTON ENERGY SERVICES, INC.
2014240783	Commissariat a l'Energie Atomique et aux Energies Alternatives	2015200716	Kapsch TrafficCom AG
2014246931	Boston Scientific Limited	2015201065	inodyn NewMedia GmbH
2014248948	CareFusion 303, Inc.	2015201368	Integra LifeSciences Switzerland Sarl
2014253775	Optimedica Corporation	2015201940	ContiTech Transportbandsysteme GmbH
2014256877	Smith & Nephew, Inc.	2015202785	Hang, W.
2014256984	Indiana University Research & Technology Corporation	2015203538	The Boeing Company
2014257663	Fresenius Medical Care Deutschland GmbH	2015204488	The United States of America, as represented by The Secretary of Agriculture; Arkion Life Sciences, LLC
2014260230	Unitract Syringe Pty Ltd	2015205327	Hadasit Medical Research Services and Development Ltd.
2014261631	F. Hoffmann-La Roche AG	2015205708	AGFA NV
2014264339	The Governors of the University of Alberta	2015208009	L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procédes Georges Claude
2014271272	Shenzhen Time Waying Technology Co., Ltd.	2015208104	BASF SE; BASF Corporation
2014277698	Nilfisk-Advance A/S	2015209384	Siemens Energy, Inc.
2014280053	Eschmann Holdings Limited	2015213150	Linde Aktiengesellschaft
2014289367	Eschmann Holdings Limited	2015213577	Fred Hutchinson Cancer Research Center
2014289972	The University of Newcastle	2015215973	The Boeing Company
2014292955	Merit Medical Systems, Inc.	2015217000	Idorsia Pharmaceuticals Ltd
2014293089	Renovis Surgical Technologies, Inc.	2015217236	NantEnergy, Inc.
2014293317	The Rockefeller University	2015217414	CTB, Inc.
2014295765	Duchesnay Inc.	2015218270	The NanoSteel Company, Inc.
2014300713	CanBas Co., Ltd.	2015218933	Venafi, Inc.
2014302551	Covidien LP	2015221501	Alstom Transport Technologies
2014306542	NP Medical Inc.	2015222019	FINELC Oy
2014307715	United Kingdom Research and Innovation		
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2014308991	ALIOS BioPharma, Inc.		

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2015224386	JPW Industries Inc.	2015372474	Dow AgroSciences LLC
2015225890	Subsea 7 Limited	2015374202	Visa International Service Association
2015225950	UCL Business PLC	2015375735	Ricoh Company, Ltd.
2015226979	Quanta Associates, L.P.	2015377195	Halliburton Energy Services, Inc.
2015231438	Meggitt Training Systems Inc.	2015377279	Telefonaktiebolaget LM Ericsson (publ)
2015233538	Urban Associes Architectes	2015379346	Mitsubishi Electric Corporation
2015233669	INFICON GmbH	2015380736	Essity Hygiene and Health Aktiebolag
2015235723	Terumo Kabushiki Kaisha	2015384624	Suehiro Seiko Kabushiki Kaisha
2015235929	City of Hope	2015389766	Sumitomo Metal Mining Co., Ltd.
2015235977	Nanovis, LLC	2015393902	Total SA
2015240713	Tyco Fire Products LP	2015394641	Outotec (Finland) Oy
2015241796	Unicharm Corporation	2015396604	Beijing Goldwind Science and Creation Windpower Equipment Co., Ltd.
2015247468	Cymer-Dayton, LLC	2015408714	Motorola Solutions, Inc.
2015252201	Ventana Medical Systems, Inc.	2015411406	Transverse Medical, Inc.
2015253182	Visa International Service Association	2015412345	Colgate-Palmolive Company
2015254988	ASSA ABLOY Entrance Systems AB	2015412559	Essity Hygiene and Health Aktiebolag
2015256527	Alfons Haar, Inc.	2015412899	Mitsubishi Electric Corporation
2015261008	F. Hoffmann-La Roche AG	2015413313	Hewlett-Packard Development Company, L.P.
2015261807	Castrol Limited	2015419243	Hill's Pet Nutrition, Inc.
2015261876	Philip Morris Products S.A.	2016201961	SEB S.A.
2015264325	The Scripps Research Institute	2016203985	LMK Technologies, LLC
2015264428	Black & Decker Inc.	2016204919	Apple Inc.
2015265242	Sumitomo Electric Industries, Ltd.	2016205292	Wright Medical Technology, Inc.
2015272560	Kyoto Pharmaceutical Industries, Ltd.; Sumitomo Dainippon Pharma Co., Ltd.	2016205898	Strix Limited
2015274619	Novota Industries; General Cable Technologies Corporation	2016206736	AK Steel Properties, Inc.
2015276144	Lafarge	2016206929	Smartsky Networks LLC
2015276145	Lafarge	2016208024	Reemtsma Cigarettenfabriken GmbH
2015283979	Bedford Industries, Inc.	2016209449	Polaris Industries Inc.
2015286473	Sumitomo Electric Industries, Ltd.	2016210973	AstraZeneca AB
2015288693	Asahi Kasei Kabushiki Kaisha	2016211222	Nicira, Inc.
2015291155	Yissum Research Development Company of the Hebrew University of Jerusalem Ltd.	2016217566	Aker BioMarine Antarctic AS
2015292796	Firestone Industrial Products Company, LLC	2016218992	Axsome Therapeutics, Inc.
2015301110	Medtronic Xomed, Inc.	2016220376	Progress Rail Services Corporation
2015302744	The Yokohama Rubber Co., Ltd.	20162224354	Komatsu Ltd.
2015308636	Ecolab USA Inc.	20162225897	Weatherford Technology Holdings, LLC
2015314158	REMA TIP TOP AG	2016227020	Dainihon Jochugiku Co., Ltd.
2015315136	Ergonomic Ingenuity, LLC	2016227699	Welltec A/S
2015318258	Crown Equipment Corporation	2016228278	The Queen's University of Belfast
2015319831	Suzhou Pengxu Pharmatech Co., Ltd.; Crystal Pharmatech Co., Ltd.	2016230872	Apple Inc.
2015320681	Biocarbon Engineering Ltd.; Fletcher, L.; Ritchie, M.; Graham, S.	2016233959	Telefonaktiebolaget LM Ericsson (publ)
2015321735	Qualcomm Incorporated	2016238870	QuintessenceLabs Pty Ltd.
2015321923	Qualcomm Incorporated	2016241211	Innotherapy Inc.
2015324162	GCP Applied Technologies Inc.	2016245768	Illinois Tool Works Inc.
2015328503	Dow Global Technologies LLC	2016249627	Adolf Würth GmbH & Co. KG
2015329765	Techtronic Industries Co. Ltd.	2016250122	Gaztransport et Technigaz
2015330617	Tan, J.	2016256678	Pantano Investments Pty Ltd
2015334954	Neuhold, S.	2016256825	Abbott Diabetes Care Inc.
2015335363	Vestas Wind Systems A/S	2016259456	Illinois Tool Works Inc.
2015344359	Sharp Kabushiki Kaisha	2016261416	Sumitomo Metal Mining Co., Ltd.
2015344388	Hitachi Construction Machinery Co., Ltd.	2016264749	AK Steel Properties, Inc.
2015345248	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	2016266027	Halcyon Manufacturing, Inc.
2015345356	Shell Internationale Research Maatschappij B.V.	2016267306	GC Corporation
2015347015	Novartis AG	2016268918	Upfield Europe B.V.
2015347931	Japan Tobacco Inc.	2016269294	PPG Coatings (Tianjin) Co., Ltd.
2015349641	Johnson, R.; Hines, B.; Hamacher, G.; Neff, R.	2016273028	Novartis AG
2015356830	SITA Information Networking Computing UK Limited	2016274982	ICP Adhesives and Sealants, Inc.
2015359248	Outotec (Finland) Oy	2016276806	Je Il Pharmaceutical Co., Ltd.
2015361192	Nike Innovate C.V.	2016277667	Council on Postsecondary Education, State of Rhode Island and Providence Plantations; Yale University
2015361297	Hiload LNG AS; Technip France	2016278717	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.
2015362756	CYTEC Industries Inc.	2016279865	Videojet Technologies Inc.
2015365373	Novartis AG	2016280951	Hitachi Construction Machinery Co., Ltd
2015368159	Yuk, S.; Baik, E.; Yuk, M.; Yuk, G.	2016286432	Allgenesis Biotherapeutics Inc.
2015370581	HERE Global B.V.	2016287082	Planet GDZ AG
2015371072	Rasmussen Maritime Design AS	2016291290	Sonderhoff Engineering GmbH
		2016300680	Toppan Printing Co., Ltd.
		2016302420	Siemens Aktiengesellschaft
		2016304795	Caribou Biosciences, Inc.

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2016308055	Boston Scientific Scimed, Inc.	2017204021	Hewlett-Packard Development Company, L.P.
2016308995	National Institute of Advanced Industrial Science and Technology	2017204076	CSR Building Products Limited
2016317521	Taiho Pharmaceutical Co., Ltd.	2017204240	Sony Corporation
2016318944	Flow-Rite Controls, Ltd.	2017204389	Weber-Stephen Products LLC
2016319776	AFL Telecommunications LLC	2017204613	Fraunhofer-Gesellschaft zur Foerderung der angewandten Forschung e.V.
2016320876	Alibaba Group Holding Limited	2017206153	Janssen Pharmaceutica NV
2016330385	Motorola Solutions, Inc.	2017206260	INCYTE HOLDINGS CORPORATION
2016332056	Samson Rope Technologies, Inc.	2017207268	Janssen Pharmaceutica NV
2016334798	De La Rue International Limited	2017208276	Johannes Gutenberg-Universität Mainz; BioNTech AG
2016336096	De La Rue International Limited	2017208312	Supernus Pharmaceuticals Inc.
2016340248	Becton, Dickinson and Company	2017209086	S. C. Johnson & Son, Inc.
2016345310	Robert Bosch GmbH	2017210534	GE Video Compression, LLC
2016352491	Cellbion Co., Ltd	2017213438	KCI Licensing, Inc.
2016352522	NEC Corporation	2017213451	Owens-Brockway Glass Container Inc.
2016357743	Crayola, LLC	2017213455	Rheinische Friedrich-Wilhelms-Universität Bonn
2016361140	Telefonaktiebolaget LM Ericsson (publ)	2017213556	Honda Motor Co., Ltd.
2016362455	Omya International AG	2017213853	MED-EL Elektromedizinische Geraete GmbH
2016364974	Victaulic Company	2017215241	Guangdong Oppo Mobile Telecommunications Corp., Ltd.
2016368382	Protechna S.A.	2017215264	Guangdong Oppo Mobile Telecommunications Corp., Ltd.
2016371898	PPG Industries Ohio, Inc.	2017216593	Avadel Pharmaceuticals (USA), Inc.
2016374552	Episurf IP-Management AB	2017217615	Leitermann, M.
2016374575	Shell Internationale Research Maatschappij B.V.	2017218925	Siemens Aktiengesellschaft
2016376059	BrainOn Inc.; Kang, Y.	2017219066	NEC Corporation
2016377364	Merck Sharp & Dohme Corp.	2017219074	Alcoa USA Corp
2016381433	Hill's Pet Nutrition, Inc.	2017221889	The Procter & Gamble Company
2016382259	LG Electronics Inc.	2017221988	Nihon Nohyaku Co., Ltd.
2016383700	CRRC Qiqihar Rolling Stock Co., Ltd.	2017223913	Unilever plc
2016396659	Io Therapeutics, Inc.	2017225039	Merck Sharp & Dohme Corp.
2016401639	Husqvarna AB	2017225047	Thermaguard Pty Ltd
2016401656	OCuSOFT, Inc.	2017225058	Intuit Inc.
2017200109	Tagmotion Pty Ltd	2017225078	W.L. GORE & ASSOCIATES, INC.
2017200302	Bripco BVBA	2017225141	Synedgen, Inc.; Baker, S.; Wiesmann, W.; Townsend, S.
2017200369	Hunter Douglas, Inc.	2017225168	Celgene Corporation
2017200525	bioMérieux, Inc.	2017225790	Uber Technologies, Inc.
2017200546	Depuy Synthes Products, LLC	2017228655	Vertiv Tech Co., Ltd.
2017200611	Weatherford Technology Holdings, LLC	2017228677	Rutgers, The State University of New Jersey
2017200614	Weatherford Technology Holdings, LLC	2017229614	Hendrickson USA, L.L.C.
2017200618	Weatherford Technology Holdings, LLC	2017232080	Mycovia Pharmaceuticals, Inc.
2017200632	Apple Inc.	2017232116	Synthes GmbH
2017200685	Incyte Holdings Corporation	2017232134	Cook Biotech Incorporated
2017201231	Amplimmune, Inc.; The Johns Hopkins University	2017236003	Nuctech Company Limited
2017201476	Zinniatek Limited	2017241594	Apple Inc.
2017201571	Facebook, Inc.	2017245427	ULTRADENT PRODUCTS, INC.
2017201573	CommScope Technologies LLC	2017248252	Worthington Industries, Inc.
2017201736	INVISTA Textiles (U.K.) Limited	2017250209	Colgate-Palmolive Company
2017201748	University of Rochester	2017251670	Fraunhofer-Gesellschaft zur Foerderung der angewandten Forschung e.V.
2017201844	Autonomous Solutions, Inc.; CNH Industrial America LLC	2017251777	Powertech Industrial Co., Ltd.
2017202214	Grünenthal GmbH	2017251778	Powertech Industrial Co., Ltd.
2017202245	Fisher & Paykel Healthcare Limited	2017254936	Alba Manufacturing Corp.
2017202246	i4c Innovations Inc.	2017256331	Lohmann & Rauscher GmbH
2017202277	Sony Corporation	2017256518	ContiTech Transportbandsysteme GmbH
2017202350	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI	2017258904	Ping An Technology (Shenzhen) Co., Ltd.
2017202378	DSM IP Assets B.V.	2017258952	Truphatek International Ltd
2017202498	Quanta Associates, L.P.	2017261372	Triastek, Inc
2017202802	Stanley Security Solutions, Inc.	2017265091	Innovative Biodefense, Inc.
2017202838	PLAE, Inc.	2017268574	Valmont Highway Technology Limited
2017203088	Seapa Pty Ltd	2017268808	Sharrow Engineering LLC
2017203253	DuPont Nutrition Biosciences ApS	2017270847	Austin Star Detonator Company
2017203299	Tata Consultancy Services Limited	2017272309	Delaware Capital Formation Inc.
2017203336	Covidien AG	2017276183	Callaway Golf Company
2017203401	Steelcase Inc.	2017276185	Callaway Golf Company
2017203402	NuVasive, Inc.	2017279589	Samsung Electronics Co., Ltd.
2017203666	Meyers, L.G.	2017296073	Light Field Lab, Inc.
2017203694	Pathlogica LLC	2017373902	Grifols Roura, R.
2017203705	Coloplast A/S	2018200002	LG Electronics Inc.
2017203762	Accenture Global Services Limited	2018200070	Samsung Electronics Co., Ltd.
2017203897	Novartis AG		
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2018200089 CiDRA Corporate Services Inc.; Didden, F.; Kersey, A.; Davis, M.; Rothman, P.; Fernald, M.; O'Keefe, C.; Adamson, D.
2018200094 Academia Sinica
2018200227 TTI (MACAO COMMERCIAL OFFSHORE) LIMITED
2018200253 Dropbox, Inc.
2018200307 SAMSUNG ELECTRONICS CO., LTD.
2018200318 BioAtla LLC
2018200349 Kabushiki Kaisha Toyota Jidoshokki
2018200586 Komatsu Ltd.
2018200717 Thule Sweden AB
2018200872 Tribune Broadcasting Company, LLC
2018200975 Covidien LP
2018201184 HEE Solar, L.L.C.
2018201334 Wright Medical Technology, Inc.
2018201508 Kimura Kohki Co., Ltd.
2018202314 Preformed Line Products
2018203019 NR Electric Co., Ltd; NR Engineering Co., Ltd
2018203601 Lendlease Services Pty Limited
2018203659 Novoluto GmbH
2018204398 Owens-Brockway Glass Container Inc.
2018205191 Illinois Tool Works Inc.
2018211312 IvWatch, LLC
2018211324 Uber Technologies, Inc.
2018229438 Pontarolo, M.
2018247214 Western Digital Technologies, Inc.
2018271099 Apple Inc.
2018278995 Premier Technologies Ltd
2019200120 Zhejiang Zhirui Technology Group Co., Ltd.

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	2015419243	<u>A45F 5 /-</u>	2015380736	2015202785	2014339828
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2018229438	2015291155	<u>A47B 47 /-</u>	<u>A47L 7 /-</u>	2017204076	2015412345
	2015419243	2015330617	2014277698	2017256331	2016210973
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	<u>A24B 15 /-</u>	2014310989	2016382259	2017256331	2016307969
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2015291155		<u>A47B 7 /-</u>	2017258952	2014201526	2016377364
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2016227020	2013352004	<u>A47B 96 /-</u>	2013388139	2017203897	2017202214
	2014359187	2013286809	2014201458	2017203932	2017206153
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2015204488	2015347931	2014310990	2014216052	2017207268	2017207268
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2017221988			2014256877	2017225168	2017225168
2017225141	<u>A43D 3 /-</u>	<u>A47F 3 /-</u>	2014256877	2017232080	2017232080
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			2017232116	2017203705	2016218992
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2013370000	<u>A61P 27 /-</u>	2016362455	2015359248	2015384624	<u>B41M 5 /-</u>
2014232323	2015372234	<u>A61Q 15 /-</u>	<u>B01J 20 /-</u>	<u>B23P 19 /-</u>	2015205708
2014246931	2017206260	2014227923	2015208104	2016220376	<u>B41M 7 /-</u>
2014292955	<u>A61P 29 /-</u>	<u>A62B 18 /-</u>	<u>B01J 20 /-</u>		
2014306542	2017206153	2017202245			
2016340248	2017206260	<u>A62B 3 /-</u>			
2017225078	<u>A61P 3 /-</u>	2017225047			
<u>A61M 27 /-</u>	2014342593	<u>A62B 7 /-</u>			
2015201368	2015372234	2013408175			
	<u>A61P 31 /-</u>	<u>A62B 9 /-</u>			
	2014402938	2017202245			
	2016307969				
	2017201748				
	2017203932				

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2015205708	<u>B61D 49 /-</u>	2017248252	<u>B65G 69 /-</u>	<u>C05G 3 /-</u>	<u>C07D 307 /-</u>
<u>B42D 25 /-</u>	2015221501	<u>B65D 1 /-</u>	2015254988	2017219074	2015272560
2016334798	<u>B61F 5 /-</u>	2017213451	<u>B65G 7 /-</u>	<u>C07B 59 /-</u>	<u>C07D 401 /-</u>
2016336096	2016383700	<u>B65D 19 /-</u>	2015314158	2015261008	2014308991
<u>B42D 3 /-</u>	<u>B62D 1 /-</u>	2015261807	<u>B66F 17 /-</u>	<u>C07C 229 /-</u>	2014342593
2017217615	2017201844	<u>B65D 23 /-</u>	2015318258	2014348422	2015217000
<u>B44F 9 /-</u>	<u>B62D 55 /-</u>	2017250209	<u>B66F 3 /-</u>	<u>C07C 233 /-</u>	2015261008
2013286809	2017256518	<u>B65D 25 /-</u>	2014335989	2015319831	2015264325
<u>B60B 35 /-</u>	<u>B62D 6 /-</u>	2013382374	<u>B66F 9 /-</u>	<u>C07C 279 /-</u>	2016276806
2017229614	2017201844	<u>B65D 39 /-</u>	2015318258	2016401656	2017207268
<u>B60C 11 /-</u>	<u>B62D 63 /-</u>	2016368382	<u>B67D 7 /-</u>	<u>C07C 29 /-</u>	2017225168
2015302744	2016209449	<u>B65D 5 /-</u>	2017272309	2016302420	2017232080
<u>B60D 1 /-</u>	<u>B62H 3 /-</u>	2017217615	<u>B68C 5 /-</u>	<u>C07C 31 /-</u>	<u>C07D 403 /-</u>
2017202350	2018200717	<u>B65D 51 /-</u>	2018229438	2016302420	2014342593
<u>B60G 11 /-</u>	<u>B63B 1 /-</u>	2013382374	<u>C02F 1 /-</u>	<u>C07C 41 /-</u>	2015272560
2015292796	2015371072	2016368382	2014375246	2015213150	2017207268
<u>B60G 7 /-</u>	<u>B63B 22 /-</u>	<u>B65D 55 /-</u>	2015208104	<u>C07C 43 /-</u>	<u>C07D 407 /-</u>
2015292796	2015361297	2017250209	2015209384	<u>C07C 41 /-</u>	2014339828
<u>B60J 11 /-</u>	<u>B63B 25 /-</u>	<u>B65D 63 /-</u>	<u>C02F 103 /-</u>	2015213150	2015272560
2017225047	2016250122	2015283979	2014375246	<u>C07C 57 /-</u>	<u>C07D 409 /-</u>
<u>B60K 1 /-</u>	<u>B63B 27 /-</u>	<u>B65D 73 /-</u>	2014385285	2016396659	2014240122
2016209449	2015361297	2015283979	2014375246	<u>C07D 207 /-</u>	2014308991
<u>B60K 28 /-</u>	<u>B63B 9 /-</u>	<u>B65D 81 /-</u>	2014385285	2014308991	2014342593
2017213556	2015371072	2017213451	<u>C04B 11 /-</u>	<u>C07D 209 /-</u>	2015372234
<u>B60N 2 /-</u>	<u>B63C 11 /-</u>	<u>B65D 85 /-</u>	2017204076	2017208312	2017207268
2017203401	2014393630	2015394641	<u>C04B 14 /-</u>	<u>C07D 213 /-</u>	2017221988
<u>B60R 19 /-</u>	2015393902	<u>B65D 88 /-</u>	2013286809	2014308991	<u>C07D 417 /-</u>
2015221501	2016266027	2015394641	2017204076	<u>C07D 233 /-</u>	2014342593
<u>B60R 21 /-</u>	<u>B63C 3 /-</u>	<u>B65D 90 /-</u>	<u>C04B 22 /-</u>	2014308991	<u>C07D 451 /-</u>
2015221501	2015203538	2016250122	2017204076	2015235929	2017207268
2016280951	<u>B63G 8 /-</u>	<u>B65F 1 /-</u>	<u>C04B 24 /-</u>	<u>C07D 239 /-</u>	<u>C07D 471 /-</u>
<u>B60R 9 /-</u>	2015393902	2014369751	2015324162	2014308991	2014308991
2018200717	<u>B63H 1 /-</u>	<u>B65F 5 /-</u>	<u>C04B 28 /-</u>	<u>C07D 257 /-</u>	2014351571
<u>B60T 1 /-</u>	2017268808	2014369751	2015276144	2015319831	2016276806
2017229614	<u>B63H 21 /-</u>	<u>B65G 15 /-</u>	2015276145	2016352491	2017200685
<u>B60T 7 /-</u>	2017268574	2015201940	2015276145	<u>C07D 277 /-</u>	2017206153
2018211324	<u>B63H 25 /-</u>	<u>B65G 63 /-</u>	<u>C04B 7 /-</u>	<u>C07D 277 /-</u>	2017206260
<u>B60W 30 /-</u>	2017201844	2017236003	<u>C05C 1 /-</u>	2014308991	<u>C07D 487 /-</u>
2017225790	<u>B65B 1 /-</u>	2017219074	2017219074	2015235929	2014308991
				2014240122	2015261008
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					2016377364
					2017200685
					2017206260

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2017207268	<u>C07K 19 /-</u>		2013270018	<u>D04H 1 /-</u>	<u>E04G 13 /-</u>
<u>C07D 491 /-</u>	2014240783	<u>C09D 7 /-</u>	2014343379		
	2015225950		2015205327	2015241796	2016256678
2014308991	2016286432	2015274619	2016277667	<u>D06B 1 /-</u>	<u>E04H 1 /-</u>
2017207268		2016269294			
<u>C07D 495 /-</u>	<u>C07K 5 /-</u>	<u>C10G 21 /-</u>	<u>C12N 9 /-</u>	2017201736	2017200302
			2018200094	<u>D06B 3 /-</u>	<u>E04H 12 /-</u>
2014308991	2016352491	2016228278		2017201736	2018203601
	2016376059	<u>C10G 3 /-</u>	<u>C12P 19 /-</u>		
<u>C07D 498 /-</u>	<u>C07K 7 /-</u>	2014264339	2018200094	<u>D06F 37 /-</u>	<u>E04H 5 /-</u>
				2017268574	2017200302
2016307969	2015291155	<u>C10G 31 /-</u>	<u>C12P 21 /-</u>		
	2016376059	2017248252	2013247645	<u>D06F 49 /-</u>	<u>E05B 45 /-</u>
<u>C07D 513 /-</u>	<u>C08G 18 /-</u>	<u>C10G 53 /-</u>	2016376059	2017268574	2017202802
		2017248252	2018200318		
2016307969	2016274982	<u>C10G 71 /-</u>	<u>C12Q 1 /-</u>	<u>D06M 11 /-</u>	<u>E06B 5 /-</u>
	2016340248	2017248252		2017201736	2017225047
2016307969	<u>C08G 59 /-</u>	<u>C10G 9 /-</u>	2012376214	<u>D06M 13 /-</u>	<u>E06B 7 /-</u>
<u>C07F 9 /-</u>		2017248252	2013258880		
	2015328503	<u>C10G 99 /-</u>	2017228677	2017201736	2016287082
2014357817	2015362756	2014264339	<u>C21B 5 /-</u>	<u>E01B 29 /-</u>	<u>E06B 9 /-</u>
<u>C07H 13 /-</u>	<u>C08G 73 /-</u>	<u>C10G 99 /-</u>	2014361206	2016220376	2017200369
		2017248252	<u>C21B 7 /-</u>	<u>E01B 9 /-</u>	<u>E21B 21 /-</u>
2015272560	2015247468	<u>C10L 1 /-</u>	2014361206	2016220376	2016225897
<u>C07H 15 /-</u>	<u>C08J 3 /-</u>	<u>C11B 1 /-</u>	<u>C21C 5 /-</u>	<u>E01F 15 /-</u>	<u>E21B 23 /-</u>
		2014264339	2014361206	2017268574	2016227699
2015272560	2016340248	<u>C11D 3 /-</u>	<u>C21D 7 /-</u>	<u>E02D 27 /-</u>	<u>E21B 33 /-</u>
<u>C07H 21 /-</u>	<u>C08J 9 /-</u>	2016217566	<u>C21D 8 /-</u>	2016256678	2016225897
		2017223913	<u>C21D 9 /-</u>	<u>E02F 5 /-</u>	<u>E21B 34 /-</u>
2017202378	2016274982	<u>C11D 7 /-</u>	2015218270	2015226979	2017200611
2017213455	<u>C08K 3 /-</u>	<u>C12M 1 /-</u>	<u>C22B 23 /-</u>	<u>E02F 9 /-</u>	2017200614
2017228677		2016256825	2014367679	2016224354	2017200618
<u>C07K 1 /-</u>	2016340248	<u>C12N 1 /-</u>	2015389766	2018200586	2016227699
	<u>C08L 63 /-</u>	2013247645	2016261416	<u>E03F 5 /-</u>	<u>E21B 43 /-</u>
2014226126		<u>C12N 15 /-</u>	<u>C22B 3 /-</u>	2017203666	2017200611
2015372474	2015328503	2013247645	2015389766	<u>E04B 1 /-</u>	2017200614
<u>C07K 14 /-</u>	2015362756	2013258880	2016261416	2015330617	2017200618
		2013270018	<u>C22C 18 /-</u>	2017200302	<u>E21B 44 /-</u>
2014240783	<u>C08L 71 /-</u>	2013310861	2014367679	2017225047	2014415573
2014343379		2013329186	<u>C22C 38 /-</u>	<u>E04B 2 /-</u>	<u>E21B 47 /-</u>
2015205327	2015328503	2015225950		2017204076	2014415573
2015225950	<u>C08L 75 /-</u>	2015372474	2014367679	<u>E04B 5 /-</u>	2015377195
2015372474		2016304795	2016206736	2016256678	2016225897
2016277667	2016340248	2016376059	2016264749		
2016286432	<u>C08L 81 /-</u>	2018200318	<u>D04C 3 /-</u>	<u>E04F 13 /-</u>	<u>E21F 7 /-</u>
2017208276		<u>C12N 5 /-</u>	2015361192	2017204076	2014289972
<u>C07K 16 /-</u>	2015362756	2013247645			
	<u>C09D 1 /-</u>	2013263101			
2013247645					
2014261631	2015274619				
2015205327	<u>C09D 163 /-</u>				
2015225950					
2015347015	2016269294				
2015365373					
2016273028	<u>C09D 179 /-</u>				
2017201231					
2017225039	2015247468				
2018200318	<u>C09D 5 /-</u>				
<u>C07K 17 /-</u>					
	<u>C09D 5 /-</u>				
2015372474	2014406936				
	2016269294				
	2016371898				
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2017268808	<u>F16G 3 /-</u>	<u>F17C 5 /-</u>	<u>F41G 3 /-</u>	2017218925	<u>G06F 11 /-</u>
<u>F02D 37 /-</u>	2015201940	2013408175	2014308679	2018278995	2013344535
2017213556	<u>F16H 55 /-</u>	<u>F17C 7 /-</u>	2015231438	<u>G01R 33 /-</u>	<u>G06F 12 /-</u>
<u>F02D 41 /-</u>	2015335363	2017248252	<u>F42B 1 /-</u>	2016374575	2018247214
2017213556	<u>F16H 7 /-</u>	<u>F21L 14 /-</u>	2017254936	<u>G01S 17 /-</u>	<u>G06F 15 /-</u>
<u>F02F 7 /-</u>	2015224386	2014366219	<u>G01B 11 /-</u>	2015370581	2014219089
2018200349	<u>F16J 15 /-</u>	<u>F21L 4 /-</u>	2016308995	2017225790	2017203762
<u>F04B 23 /-</u>	2016364974	2014366219	<u>G01C 21 /-</u>	<u>G01S 19 /-</u>	<u>G06F 16 /-</u>
2014393024	<u>F16K 17 /-</u>	<u>F21V 21 /-</u>	2015370581	2015356830	2016204919
<u>F04C 18 /-</u>	2016368382	2014366219	<u>G01C 3 /-</u>	2015370581	2017200109
2014413252	<u>F16L 1 /-</u>	<u>F23Q 21 /-</u>	2014308679	<u>G01S 5 /-</u>	<u>G06F 17 /-</u>
<u>F04C 19 /-</u>	2015225890	2017270847	<u>G01F 23 /-</u>	2015356830	2014200761
2017203990	2015226979	<u>F23Q 7 /-</u>	2014315568	2015370581	2014219089
<u>F04C 29 /-</u>	<u>F16L 101 /-</u>	2017270847	2015413313	<u>G01V 1 /-</u>	2017203299
2014413252	2016374575	<u>F24F 11 /-</u>	2016318944	2016225897	2017203762
<u>F16B 12 /-</u>	<u>F16L 13 /-</u>	2019200120	<u>G01H 9 /-</u>	<u>G02B 25 /-</u>	2017225058
2015330617	2016364974	<u>F24S 23 /-</u>	2016308995	2017296073	<u>G06F 21 /-</u>
<u>F16B 2 /-</u>	<u>F16L 21 /-</u>	2015349641	<u>G01K 13 /-</u>	<u>G02B 27 /-</u>	<u>G06F 3 /-</u>
2017203088	2016364974	<u>F24S 30 /-</u>	2015413313	2014271272	2013260688
<u>F16B 23 /-</u>	2018203601	2015349641	<u>G01M 3 /-</u>	<u>G02B 6 /-</u>	2014200761
2016259456	<u>F16L 25 /-</u>	<u>F25B 49 /-</u>	2015233669	2014318261	2014202127
<u>F16B 3 /-</u>	2016364974	2018201508	<u>G01N 1 /-</u>	2016319776	2016230872
2015314158	<u>F16L 31 /-</u>	<u>F25D 11 /-</u>	2015252201	<u>G02C 7 /-</u>	2017200632
<u>F16B 37 /-</u>	2014240198	2014395655	<u>G01N 21 /-</u>	2014221206	2017201571
2015314158	<u>F16L 33 /-</u>	<u>F25D 23 /-</u>	2013271615	<u>G03B 15 /-</u>	2017241594
<u>F16B 5 /-</u>	2014240198	2015412899	<u>G01N 23 /-</u>	2015412899	2018271099
2015314158	<u>F16L 35 /-</u>	<u>F25J 1 /-</u>	2017236003	<u>G03H 1 /-</u>	<u>G06F 9 /-</u>
2016259456	2014240198	2014371866	<u>G01N 27 /-</u>	<u>G05B 19 /-</u>	2017258904
<u>F16B 7 /-</u>	<u>F16L 55 /-</u>	<u>F25J 3 /-</u>	2019200120	2014415573	<u>G06G 7 /-</u>
2015314158	2016203985	2014371866	<u>G01N 33 /-</u>	<u>G05D 1 /-</u>	<u>G06G 9 /-</u>
<u>F16C 9 /-</u>	2016374575	<u>F25J 5 /-</u>	2012376214	2015344388	2017258904
2018200349	<u>F16M 11 /-</u>	2014371866	2013247645	2017201844	2016332056
<u>F16F 7 /-</u>	2015315136	2014371866	2013271615	2017225790	2016320876
2017268574	<u>F16M 13 /-</u>	<u>F26B 17 /-</u>	2014205215	2018200586	<u>G06N 3 /-</u>
<u>F16F 9 /-</u>	2015315136	2015217414	2016352491	<u>G05F 1 /-</u>	2017203299
2015292796	<u>F17C 13 /-</u>	<u>F28D 20 /-</u>	2017208276	2014415573	<u>G06Q 20 /-</u>
2017268574	2015208009	2015349641	2017228677	<u>G05G 1 /-</u>	2016320876
<u>F16G 11 /-</u>	2017248252	2015349641	<u>G01N 35 /-</u>	2015286473	<u>G06T 7 /-</u>
2015233538	<u>F17C 3 /-</u>	<u>F41G 1 /-</u>	2014205215	<u>G05G 1 /-</u>	2016374552
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			2017200525	<u>G05G 5 /-</u>	2015200716
			2016318944	2014351593	<u>G07F 7 /-</u>
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2015408714 2016345310	2014351593		2015408714 2016330385	2017219066
<u>G08G 1 /-</u>	<u>H01J 37 /-</u>	<u>H02M 1 /-</u>	<u>H04L 5 /-</u>	<u>H04W 64 /-</u>
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<u>G08G 5 /-</u>	<u>H01L 31 /-</u>	<u>H02M 3 /-</u>	<u>H04L 9 /-</u>	<u>H04W 72 /-</u>
2014311348	2018201184	2015222019 2015265242 2015286473	2015218933 2015253182 2016238870 2016320876	2015321735 2015321923 2015344359 2015377279
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2015235723	2017296073	2017204389	<u>H04M 1 /-</u>	2016233959
<u>G09B 29 /-</u>	<u>H01M 10 /-</u>	<u>H02M 7 /-</u>	2017219066	<u>H04W 8 /-</u>
2015344388	2015217236 2016318944	2015265242 2015286473 2017201476	<u>H04N 19 /-</u>	2016352522
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2018271099	2015217236	2015396604		2016233959
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2015345248 2016278717 2017251670	2016318944	2015396604	2015345248	2015374202 2016233959 2016330385 2017201573 2017219066
<u>G10L 21 /-</u>	<u>H01Q 1 /-</u>	<u>H02P 9 /-</u>	<u>H04N 5 /-</u>	<u>H04W 92 /-</u>
2017204613	2015215973	2015396604	2018200872	2016233959
<u>G10L 25 /-</u>	<u>H01R 13 /-</u>	<u>H03F 1 /-</u>	<u>H04N 7 /-</u>	<u>H05B 6 /-</u>
2017251670	2014359120 2017251777 2017251778	2014401305	2017202277	2017204389
<u>G11B 33 /-</u>	<u>H01R 4 /-</u>	<u>H03H 7 /-</u>	<u>H04R 25 /-</u>	<u>H05K 7 /-</u>
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<u>G11B 5 /-</u>	<u>H01R 9 /-</u>	<u>H03M 7 /-</u>	<u>H04W 12 /-</u>	
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<u>G21F 7 /-</u>	<u>H02G 1 /-</u>	<u>H04B 1 /-</u>	<u>H04W 16 /-</u>	
2014317255	2015226979 2017202498	2016330385 2017201573	2016206929 2016361140	
<u>H01B 7 /-</u>	<u>H02G 11 /-</u>	<u>H04B 7 /-</u>	<u>H04W 24 /-</u>	
2015274619 2015334954	2015334954	2016206929	2015344359 2016361140	
<u>H01F 27 /-</u>	<u>H02G 7 /-</u>	<u>H04J 11 /-</u>	<u>H04W 36 /-</u>	
2015222019	2018202314	2015377279	2015377279 2016330385 2016352522	
<u>H01F 37 /-</u>	<u>H02H 1 /-</u>	<u>H04J 4 /-</u>	<u>H04W 4 /-</u>	
2015222019	2017218925	2018200307	2015374202 2015408714	
<u>H01H 21 /-</u>	<u>H02H 3 /-</u>	<u>H04L 1 /-</u>	<u>H04W 48 /-</u>	
2014351593	2017218925 2018203019	2015321923	2017219066	
<u>H01H 3 /-</u>	<u>H02J 3 /-</u>	<u>H04L 12 /-</u>		
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| <p>(71) Apple Inc.
 (11) AU-B-2018100582
 (21) 2018100582 (22) 07.05.2018
 (54) Transferring playback queues between devices
 (51) Int. Cl.
 <i>H04L 29/00</i> (2006.01)
 <i>G06F 3/16</i> (2006.01)
 <i>H04N 21/436</i> (2011.01)
 (31) 62/507,100 (32) 16.05.17 (33) US
 (45) 14.02.2019
 (72) Graham, David C.; Paulson, Nicholas J.; Schmidt, Johannes P.; Carrigan, Taylor G.; Bradley, Bob; Ye, Haishan; Grandy, James C.; de Lastic, Pierre; Lerouge, Julien; Alsina, Thomas
 (74) FPA Patent Attorneys Pty Ltd</p> | <p><i>A47L 9/12</i> (2006.01)
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 <i>A47L 9/22</i> (2006.01)
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 (45) 14.02.2019
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 (72) NAM, Bohyun; HWANG, Jungbae; KIM, Jinju; KIM, Namhee; AN, Hyeonjeong; HWANG, Philjae; HWANG, Mantae; SUNG, Eunji; LEE, Taekgi
 (74) Dentons New Zealand Limited</p> |
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| <p>(71) LG Electronics Inc.
 (11) AU-B-2018100967
 (21) 2018100967 (22) 09.07.2018
 (54) CLEANING APPARATUS
 (51) Int. Cl.
 <i>A47L 5/24</i> (2006.01)
 <i>A47L 9/12</i> (2006.01)
 <i>A47L 9/16</i> (2006.01)
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 (45) 14.02.2019
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 (72) NAM, Bohyun; HWANG, Jungbae; KIM, Jinju; KIM, Namhee; AN, Hyeonjeong
 (74) Dentons New Zealand Limited</p> | <p>(71) LG Electronics Inc.
 (11) AU-B-2018100971
 (21) 2018100971 (22) 09.07.2018
 (54) CLEANING APPARATUS
 (51) Int. Cl.
 <i>A47L 5/24</i> (2006.01)
 <i>A47L 9/12</i> (2006.01)
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 (72) NAM, Bohyun; HWANG, Jungbae; KIM, Jinju; KIM, Namhee; AN, Hyeonjeong; HWANG, Philjae; HWANG, Mantae; SUNG, Eunji; LEE, Taekgi
 (74) Dentons New Zealand Limited</p> |
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| <p>(71) LG Electronics Inc.
 (11) AU-B-2018100968
 (21) 2018100968 (22) 09.07.2018
 (54) CLEANING APPARATUS
 (51) Int. Cl.
 <i>A47L 5/24</i> (2006.01)
 <i>A47L 9/12</i> (2006.01)
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 (72) NAM, Bohyun; HWANG, Jungbae; KIM, Jinju; KIM, Namhee; AN, Hyeonjeong; HWANG, Philjae; HWANG, Mantae; SUNG, Eunji; LEE, Taekgi
 (74) Dentons New Zealand Limited</p> | <p>(71) Zelda Therapeutics Operations Pty Ltd
 (11) AU-B-2018100921
 (21) 2018100921 (22) 03.07.2018
 (54) Cannabis Composition
 (51) Int. Cl.
 <i>A61K 31/352</i> (2006.01)
 <i>A61K 31/05</i> (2006.01)
 <i>A61K 36/00</i> (2006.01)
 <i>A61P 17/04</i> (2006.01)
 (45) 14.02.2019
 (62) 2017307644
 (72) Karelis, Harry; Gordon, Mara; Smith, Stewart; Washer, Stewart
 (74) Griffith Hack</p> |
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| <p>(71) LG Electronics Inc.
 (11) AU-B-2018100969
 (21) 2018100969 (22) 09.07.2018
 (54) CLEANING APPARATUS
 (51) Int. Cl.
 <i>A47L 5/24</i> (2006.01)</p> | <p>(71) LG Electronics Inc.
 (11) AU-B-2018100969
 (21) 2018100969 (22) 09.07.2018
 (54) CLEANING APPARATUS
 (51) Int. Cl.
 <i>A47L 5/24</i> (2006.01)</p> |
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2015367695	2015369930	2015380409	2015382417
2015384166	2015385794	2015385796	2015385862
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Patents Granted

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2019100029	2019100030	2019100031	2019100033
2019100034			

Revocation

It is hereby notified that the offer by the Patentee **Bucher Municipal Pty Ltd** to surrender Patent 2016101462 which was advertised in the Official Journal of 20.12.2018 has been accepted and the Patent has been revoked in accordance with Section 137 of the Patents Act.

It is hereby notified that the offer by the Patentee **Bucher Municipal Pty Ltd** to surrender Patent 2016101463 which was advertised in the Official Journal of 20.12.2018 has been accepted and the Patent has been revoked in accordance with Section 137 of the Patents Act.

Assignments Registered

- 1999047644 Elastagen Pty Ltd The patent has been assigned to **Allergan Pharmaceuticals International Limited**
- 2005202543 Samsung Electronics Co., Ltd. The patent has been assigned to **TiVo Technologies Corporation**
- 2007217172 Barclays Bank PLC The patent has been assigned to **Barclays Services Limited**
- 2007258366 Teva Pharmaceutical Industries, Ltd. The patent has been assigned to **Active Biotech, AB**
- 2007276706 Blue Ribbon Roasting Pty Ltd The patent has been assigned to **Granum (Overseas) Pty Ltd**
- 2007319213 EnerG2, Inc.; UNIVERSITY OF WASHINGTON The patent has been assigned to **UNIVERSITY OF WASHINGTON; BASF SE**

Assignments Registered

2007321701 Elastagen Pty Ltd The patent has been assigned to **Allergan Pharmaceuticals International Limited**

2007354365 Milliken & Company The patent has been assigned to **Metyx USA Inc.**

2009200855 The University of Sydney The patent has been assigned to **Technological Resources Pty. Limited**

2009200859 The University of Sydney The patent has been assigned to **Technological Resources Pty. Limited**

2009242299 CENTRE HOSPITALIER REGIONAL UNIVERSITAIRE DE MONTPELLIER; UNIVERSITE DE MONTPELLIER 1; TXCELL The patent has been assigned to **TXCELL; CENTRE HOSPITALIER REGIONAL UNIVERSITAIRE DE MONTPELLIER; Université de Montpellier**

2009322069 Blue Ribbon Roasting Pty Ltd The patent has been assigned to **Granum (Overseas) Pty Ltd**

2010223851 Elastagen Pty Ltd The patent has been assigned to **Allergan Pharmaceuticals International Limited**

2010238851 Dr. Straetmans GmbH The patent has been assigned to **Evonik Degussa GmbH**

2010242540 The University of Sydney The patent has been assigned to **Technological Resources Pty. Limited**

2010242541 The University of Sydney The patent has been assigned to **Technological Resources Pty. Limited**

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2010242545 The University of Sydney The patent has been assigned to **Technological Resources Pty. Limited**

2010265791 Biofiba Innovations Pty Ltd The patent has been assigned to **Biofiba Limited**

2010266799 Alexander, Keith The patent has been assigned to **HAPAI TRANSFER SYSTEMS LIMITED**

2010282948 Teva Pharmaceutical Industries Ltd. The patent has been assigned to **Active Biotech, AB**

2010295227 The University of Sydney The patent has been assigned to **Technological Resources Pty. Limited**

2010301103 Milliken & Company The patent has been assigned to **Metyx USA Inc.**

2011213479 The University of Sydney The patent has been assigned to **Technological Resources Pty. Limited**

2011213480 The University of Sydney The patent has been assigned to **Technological Resources Pty. Limited**

2011248904 Teikoku Pharma USA, Inc. The patent has been assigned to **Teikoku Seiyaku Co., Ltd.**

2011252754 Tristram Pty Ltd. The patent has been assigned to **Trisco ICAP Pty Ltd**

Assignments Registered

2011320033 The University of Sydney The patent has been assigned to **Technological Resources Pty. Limited**

2011334599 Elastagen Pty Ltd The patent has been assigned to **Allergan Pharmaceuticals International Limited**

2011354786 Telefonaktiebolaget L M Ericsson (publ) The patent has been assigned to **Velos Media International Limited**

2011361032 Telefonaktiebolaget L M Ericsson (publ) The patent has been assigned to **Velos Media International Limited**

2012315489 Elastagen Pty Ltd The patent has been assigned to **Allergan Pharmaceuticals International Limited**

2012388807 Ecospec Global Technology Pte Ltd The patent has been assigned to **Sembcorp Marine Repairs & Upgrades Pte. Ltd.**

2012392207 Ecospec Global Technology Pte Ltd The patent has been assigned to **Sembcorp Marine Repairs & Upgrades Pte. Ltd.**

2013262462 Cameron, Rodney The patent has been assigned to **Mozi Boatloaders Pty Ltd**

2013277928 The University of Sydney The patent has been assigned to **Technological Resources Pty. Limited**

2013281243 Telefonaktiebolaget L M Ericsson (publ) The patent has been assigned to **Velos Media International Limited**

2013286827 Skoot Logistics Australia Pty Limited The patent has been assigned to **Cervino, Carl**

2013338243 Teikoku Pharma USA, Inc. The patent has been assigned to **Teikoku Seiyaku Co., Ltd.**

2013358448 Chuo University; KYOTO UNIVERSITY; DENSO CORPORATION The patent has been assigned to **DENSO CORPORATION; KYOTO UNIVERSITY**

2013360011 Elastagen Pty Ltd The patent has been assigned to **Allergan Pharmaceuticals International Limited**

2013373955 Hangzhou Great Star Tools Co., Ltd.; Hangzhou Great Star Industrial Co., Ltd. The patent has been assigned to **Ratchet Solutions, Inc.**

2013374087 Hangzhou Great Star Tools Co., Ltd.; Hangzhou Great Star Industrial Co., Ltd. The patent has been assigned to **Ratchet Solutions, Inc.; Hangzhou Great Star Industrial Co., Ltd.; Hangzhou Great Star Tools Co., Ltd.**

2014334523 Advanced Charging Technologies, LLC The patent has been assigned to **Smart Prong Technologies, Inc.**

2014351272 DENSO CORPORATION; Chuo University The patent has been assigned to **DENSO CORPORATION**

2014375500 Xuanzhu Pharma Co.,Ltd. The patent has been assigned to **Hainan Xuanzhu Pharma Co., Ltd.**

2015245786 Hubei Bio-Pharmaceutical Industrial Technological Institute Inc.; Medshine Discovery Inc; Humanwell Healthcare (Group) Co., Ltd. The patent has been assigned to **Hubei Bio-Pharmaceutical Industrial Technological Institute Inc.; Humanwell Healthcare (Group) Co., Ltd.**

2015268651 Telefonaktiebolaget L M Ericsson (publ) The patent has been assigned to **Velos Media International Limited**

2016204859 Advanced Charging Technologies, LLC The patent has been assigned to **Smart Prong Technologies, Inc.**

Assignments Registered

2016204861 Advanced Charging Technologies, LLC The patent has been assigned to **Smart Prong Technologies, Inc.**

2016256813 Elastagen Pty Ltd The patent has been assigned to **Allergan Pharmaceuticals International Limited**

2016262723 Tucker, David The patent has been assigned to **ESS-HELP, INC.**

2018101029 Nestlawn Pty Ltd The patent has been assigned to **5Dtect IP Pty Ltd**

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Extensions granted

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

2009202609 **Wyeth Holdings LLC.**

The earliest first regulatory approval date provided by the patentee 17 May 2018

For the goods **BESPONSA** inotuzumab ozogamicin

Extension of Term of patent pursuant to Section 77 expires on 02 May 2028

2012244218 **Wyeth Holdings LLC.**

The earliest first regulatory approval date provided by the patentee 17 May 2018

For the goods **BESPONSA** inotuzumab ozogamicin (rch)

Extension of Term of patent pursuant to Section 77 expires on 02 May 2028

2013204877 **Relypsa, Inc.**

The earliest first regulatory approval date provided by the patentee 12 Dec 2017

For the goods **VELTASSA** patiromer (as sorbitex calcium)

Extension of Term of patent pursuant to Section 77 expires on 12 Dec 2032

2015246156 **Wyeth Holdings LLC.**

The earliest first regulatory approval date provided by the patentee 17 May 2018

For the goods **BESPONSA** inotuzumab ozogamicin (rch)

Extension of Term of patent pursuant to Section 77 expires on 02 May 2028

2016203867 **GENENTECH, INC.**

The earliest first regulatory approval date provided by the patentee 27 Jul 2017

For the goods **TECENTRIQ** atezolizumab (rch)

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

Corrigenda

In Vol 33 , No 1 , Page(s) 140 under the heading **Applications Accepted - Name Index** Under the name Unilever PLC, Application No. 2016284838, under INID (54) correct the title to read Food concentrate for soup, sauce or gravy

In Vol 33 , No 2 , Page(s) 259 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name

Corrigenda

CarbonX B.V., Application No. 2017289220, under INID (71) correct the applicant name to CarbonX IP 3 B.V.

In Vol 33 , No 4 , Page(s) 591 under the heading **Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired - 2018** Delete all reference to application no. 2018256622

In Vol 33 , No 5 , Page(s) 724 under the heading **Complete Applications Filed - Name Index** Delete all reference to 2019200446

In Vol 33 , No 5 , Page(s) 733 under the heading **Amendments - Application for Amendments** Under the name Neenah Paper, Inc., Application No. 2013235584 correct the date of the statements filed to read 28 Aug 2018 and 11 Dec 2018

In Vol 33 , No 5 , Page(s) 743 under the heading **Applications OPI - Name Index** Delete all reference to 2019200446.

In Vol 33 , No 5 , Page(s) 788 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Rs Arastirma Egitim Danismanlik Sanayi, Application No. 2017286869, under INID (71) correct the applicant name to Rs Arastirma Egitim Danismanlik Ilac Sanayi Ticaret Anonim Sirketi

Specifications Republished

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

2014241816	Pellficure Pharmaceuticals Inc.
2014328759	Kaufman & Robinson, Inc.
2014339972	Blueprint Medicines Corporation
2014349841	Linde Aktiengesellschaft
2015377503	Fujitsu General Limited
2017232774	Sumitomo Metal Mining Co., Ltd.
2017235506	Sumitomo Metal Mining Co., Ltd.