



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

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General Information

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

Editorial enquiries

Contact information

Freedom of Information ACT

Professional Standards Board

Sales

Requests for Information under Section 194 (c)

Country Codes

Trade Mark and Designs Hearing Sessions

INID (Internationally agreed Numbers for the Identification of Data)

GUIDE TO THE USE OF THIS JOURNAL

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

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

(i) FILING -

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

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

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

(iii) ACCEPTANCE –

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

(iv) OPPOSITION –

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

(v) GRANTING –

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

(vi) CERTIFICATION

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

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

How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

How Australian Patent Documents are Numbered

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

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

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

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

See Examples:

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

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

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

Arrangement of Information in the Journal

For each of the categories

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

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

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

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

Using the Indices

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

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

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

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

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

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

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

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

The following Numerical Indices are available:

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

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

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

The indices to use are

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

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

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

'INID' NUMBERS in use on Australian Patent Documents

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

(10) Document identification

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

(20) Document filing data

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

(30) Priority data

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

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

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

(50) Technical Information

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

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

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

(70) Identification of parties concerned with the document

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

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

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

NOTE

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

AU-A = Pre-examination

AU-B = Post-examination

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

Proceedings under the Patents Act 1990

Provisional Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 7 Apr 2020 .

(71) Ahl, R. (21) 2020901095 (22) 04.04.2020 (54) Bsmear INFORMATICS-DIAGNOSTIC MICROBE TOILET PAPER PLATFORM	powered by a fan and run by batteries. Thus also reflecting dust and germs any contaminants that the force can repel.	(71) Ebokolo-Jecop, A.M. (21) 2020901014 (22) 02.04.2020 (54) Cylindrical shape sleeves with elastic at each end. elastic to grip the upper and lower arm. this is worn above the reusable long sleeves gown to protect the gown
(71) Ahtesh, F. (21) 2020901020 (22) 02.04.2020 (54) Milk fermentation process	Blatchford, S. see OTM SPORTS FISHING PTY. LIMITED (21) 2020901036	(71) Ebokolo-Jecop, A.M. (21) 2020901032 (22) 02.04.2020 (54) Different cut of long sleeves PPE made of cotton material, pocket. different types of disposable sleeves to protect the reusable garment. one has strings or Velcro on each end of the sleeves to grip the arm and wrist. Instructions on how to dress to protect clinical staff like doctors and nurses on the floor looking after COVID-19 patients. I excluded the surgical hat but it is needed too. Instructions on how to dress for VRE patients.
(71) Ajoya Capital (21) 2020901022 (22) 02.04.2020 (54) Anti-Pollution Mask For Respiratory Protection	(71) Boutros, P. (21) 2020901037 (22) 03.04.2020 (54) Attachment device for improvements in and relating to tools.	(71) Brennan, T. (21) 2020901045 (22) 03.04.2020 (54) PROTECTIVE CLOSURE ASSEMBLY
(71) AN Racing Pty Ltd (21) 2020901053 (22) 03.04.2020 (54) STEERING ASSEMBLY	(71) Broken Rock Technologies Pty Ltd (21) 2020901009 (22) 01.04.2020 (54) A METHOD AND AN APPARATUS FOR COLLAPSING A HUNG-UP STOPE	(71) EFFUSIONTECH PTY LTD (21) 2020901011 (22) 01.04.2020 (54) Method for preferentially treating the surface of a part by automatic control
(71) Aristocrat Technologies Australia Pty Limited (21) 2020901031 (22) 02.04.2020 (54) A display system for a gaming system	(71) Canva Pty Ltd (21) 2020901040 (22) 03.04.2020 (54) Systems and methods for collaborative editing of electronic objects	(71) Gauci, M.; Sultana, P.; Johnson, J. (21) 2020901001 (22) 01.04.2020 (54) Method and apparatus for restricting use of a portable communication device
(71) ARYK Technologies Pty Ltd (21) 2020901003 (22) 01.04.2020 (54) Building Panel Improvements	(71) Coma, A. (21) 2020901057 (22) 04.04.2020 (54) Face mask built in goggles	(71) GIFFORD, D.; MILLS, S.; PASCOE, G.; RANAWEERA, C.; WHEELWRIGHT, W. (21) 2020901006 (22) 01.04.2020 (54) IMPROVED MEMBRANES
(71) Attey, G. (21) 2020901018 (22) 02.04.2020 (54) IMPROVEMENTS IN FLEXIBLE COMPOSITE STRUCTURES FOR FOOTWEAR, MATTRESSES, BEDDING, SEATING, IMPACT ABSORPTION AND CUSHIONING	(71) Darcan Technology Holdings Pty Ltd (21) 2020901039 (22) 03.04.2020 (54) APPARATUS AND METHOD FOR THERMOFORMING A MATERIAL	(71) GIFFORD, D.T.; MILLS, S.J.; PASCOE, G.B.; RANAWEERA, C.D.; WHEELWRIGHT, W. (21) 2020901007 (22) 01.04.2020 (54) COMPOSITE MEMBRANES
(71) Bedford, N. (21) 2020901010 (22) 01.04.2020 (54) The Air Shield forms a curtain of air around the face of a wearer, covering eyes nose and mouth with filtered air from a portable unit which is situated on ones head. It is	(71) Dower, W. (21) 2020901038 (22) 03.04.2020 (54) Improvements to Leaf Blowers	

Provisional Applications Filed - Name Index cont'd

(71) Impression Healthcare Limited
(21) 2020901030 (22) 02.04.2020
(54) A method of treatment

(71) Infrabuild Wire Pty Limited
(21) 2020901024 (22) 02.04.2020
(54) Wire Coating

(71) Jafarzadeh, M.
(21) 2020901023 (22) 02.04.2020
(54) An aquatic shoe

(71) Jamieson Australia Pty. Ltd.
(21) 2020901044 (22) 03.04.2020
(54) DUST PARTICULATE SEPARATOR

Johnson, J. see Gauci, M.
(21) 2020901001

(71) K & L Ea Pty Ltd
(21) 2020901026 (22) 02.04.2020
(54) Portable Boom Gate Apparatus

(71) Kerekes, P.
(21) 2020901034 (22) 03.04.2020
(54) Chuck Jaw

Khelloul, F. see Khelloul, A.
(21) 2020901033

(71) Khelloul, A.; Khelloul, F.
(21) 2020901033 (22) 03.04.2020
(54) Wet N Dry Nit Comb

(71) Leyden, J.
(21) 2020901004 (22) 01.04.2020
(54) Device for Limiting Infection

(71) Llance & Lain Investments Pty Ltd
(21) 2020901012 (22) 01.04.2020
(54) UV Disinfection System

(71) Llance & Lain Investments Pty Ltd
(21) 2020901013 (22) 01.04.2020
(54) UV Disinfectant System

(71) LYNDON, R.
(21) 2020901035 (22) 03.04.2020
(54) A DEVICE FOR SUPPORTING A LOWER LIMB

(71) Mesoblast International Sarl
(21) 2020901052 (22) 03.04.2020
(54) Method for treating hyperinflammation which comprise administering mesenchymal lineage precursor or stem cells

MILLS, S. see GIFFORD, D.
(21) 2020901006

MILLS, S.J. see GIFFORD, D.T.
(21) 2020901007

(71) Molloy, L.
(21) 2020901016 (22) 02.04.2020
(54) An improved therapeutic toe separator

(71) Monash University
(21) 2020901025 (22) 02.04.2020
(54) Antibiotic conjugates for enhanced clearance of bacterial infections

(71) Myriota Pty Ltd
(21) 2020901049 (22) 03.04.2020
(54) SYSTEM AND METHOD FOR ADAPTIVE COMMUNICATIONS

(71) Open Inductions Pty Ltd
(21) 2020901019 (22) 02.04.2020
(54) Fluid drawing induction motor

(71) OTM SPORTS FISHING PTY. LIMITED;
Blatchford, S.
(21) 2020901036 (22) 03.04.2020
(54) VibraBrush

(71) Parker, C.
(21) 2020901015 (22) 02.04.2020
(54) A cannula reticulation management system

PASCOE, G. see GIFFORD, D.
(21) 2020901006

PASCOE, G.B. see GIFFORD, D.T.
(21) 2020901007

(71) Phalanga Pty Ltd
(21) 2020901029 (22) 02.04.2020
(54) FOUNDATION FORMING ARRANGEMENT

(71) Planet Protector Packaging Pty Ltd
(21) 2020901027 (22) 02.04.2020
(54) Wool lined container for seafood

(71) Presagen Pty Ltd
(21) 2020901042 (22) 03.04.2020
(54) METHOD FOR ARTIFICIAL INTELLIGENCE (AI) MODEL SELECTION

(71) Presagen Pty Ltd
(21) 2020901043 (22) 03.04.2020
(54) ARTIFICIAL INTELLIGENCE (AI) METHOD FOR CLEANING DATA FOR TRAINING AI MODELS

(71) RA Corporation Pty Ltd
(21) 2020901051 (22) 03.04.2020
(54) ENERGY STORAGE SYSTEM

RANAWEERA, C. see GIFFORD, D.
(21) 2020901006

RANAWEERA, C.D. see GIFFORD, D.T.
(21) 2020901007

Reiter, G. see Ward, J.
(21) 2020901005

(71) ResQdevices Pty Ltd
(21) 2020901055 (22) 03.04.2020
(54) A new wheel module

(71) Ribbera, S.
(21) 2020901000 (22) 01.04.2020
(54) EASI-CUT

(71) Rishi, R.
(21) 2020901050 (22) 03.04.2020
(54) Myfamilietree.com is a social networking site where a member can create his/her profile along with family tree and at the same time can invite his/her family member to create their profile and be a part of the family tree and also create his/her own family tree and invite other family members. Every invitation sent and accepted will earn points thru which every participant will get level Starts from Silver, Gold, Platinum & Diamond. While making family tree member can also invite their very close friends.

(71) Sharpe, R.
(21) 2020901017 (22) 02.04.2020
(54) A syringe safety cover

Sultana, P. see Gauci, M.
(21) 2020901001

(71) THE COUNCIL OF THE QUEENSLAND INSTITUTE OF MEDICAL RESEARCH
(21) 2020901054 (22) 03.04.2020
(54) METHODS FOR TREATMENT OF VIRUS INFECTIONS

(71) THE LEISURE COLLECTIVE INTERNATIONAL PTY LTD
(21) 2020901028 (22) 02.04.2020
(54) ACCESSORY FOR WATER SPORTS BOARD

(71) The Trustee for Daly Hollier Trust
(21) 2020901056 (22) 04.04.2020
(54) Smooth finish structural repair patch

Provisional Applications Filed - Name Index cont'd

(71) The University of Newcastle
(21) 2020901002 (22) 01.04.2020
(54) Method and system for real-time online
music collaboration

(71) Ward, J.; Reiter, G.
(21) 2020901005 (22) 01.04.2020
(54) A method, apparatus and system for collect-
ing atmospheric water

(71) WarpForge Limited
(21) 2020901008 (22) 01.04.2020
(54) VEHICLE BODY IMPROVEMENTS

WHEELWRIGHT, W. see GIFFORD, D.
(21) 2020901006

WHEELWRIGHT, W. see GIFFORD, D.T.
(21) 2020901007

(71) WIREMAN PTY LIMITED
(21) 2020901041 (22) 03.04.2020
(54) A Gate Holding device and Method

Numerical Index

2020901000	Ribbera, S.
2020901001	Gauci, M.; Sultana, P.; Johnson, J.
2020901002	The University of Newcastle
2020901003	ARYK Technologies Pty Ltd
2020901004	Leyden, J.
2020901005	Ward, J.; Reiter, G.
2020901006	GIFFORD, D.; MILLS, S.; PASCOE, G.; RANAWEERA, C.; WHEELWRIGHT, W.
2020901007	GIFFORD, D.T.; MILLS, S.J.; PASCOE, G.B.; RANAWEERA, C.D.; WHEELWRIGHT, W.
2020901008	WarpForge Limited
2020901009	Broken Rock Technologies Pty Ltd
2020901010	Bedford, N.
2020901011	EFFUSIONTECH PTY LTD
2020901012	Llance & Lain Investments Pty Ltd
2020901013	Llance & Lain Investments Pty Ltd
2020901014	Ebokolo-Jecop, A.M.
2020901015	Parker, C.
2020901016	Molloy, L.
2020901017	Sharpe, R.
2020901018	Attey, G.
2020901019	Open Inductions Pty Ltd
2020901020	Ahtesh, F.
2020901022	Ajoya Capital
2020901023	Jafarzadeh, M.
2020901024	Infrabuild Wire Pty Limited
2020901025	Monash University
2020901026	K & L Ea Pty Ltd
2020901027	Planet Protector Packaging Pty Ltd
2020901028	THE LEISURE COLLECTIVE INTERNATIONAL PTY LTD
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2020901032	Ebokolo-Jecop, A.M.
2020901033	Khelloul, A.; Khelloul, F.
2020901034	Kerekes, P.
2020901035	LYNDON, R.
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2020901037	Boutros, P.
2020901038	Dower, W.
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2020901042	Presagen Pty Ltd
2020901043	Presagen Pty Ltd
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2020901095	Ahl, R.

Complete Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 7 Apr 2020 .

. (*) Title not in Roman characters

. (**) Title not given

<hr/> <p>(71) 8 Rivers Capital, LLC (21) 2020202340 (22) 02.04.2020 (54) Production of low pressure liquid carbon dioxide from a power production system and method (62) 2015315557</p> <hr/> <p>(71) Acceleron Pharma Inc. (21) 2020202406 (22) 06.04.2020 (54) ActRIIB proteins and variants and uses therefore relating to utrophin induction for muscular dystrophy therapy (62) 2018203887</p> <hr/> <p>Acuitas Therapeutics Inc. see The Trustees of the University of Pennsylvania (21) 2020202322</p> <hr/> <p>(71) Aero Health Aust Pty Ltd (21) 2020202374 (22) 03.04.2020 (54) PRODUCT DISPENSING PACKAGE (62) 2015271643</p> <hr/> <p>(71) Apple Inc. (21) 2020202363 (22) 03.04.2020 (54) Chroma quantization in video coding (62) 2018203223</p> <hr/> <p>(71) Apple Inc. (21) 2020202367 (22) 03.04.2020 (54) Providing priming cues to a user of an electronic device (62) 2019201552</p> <hr/> <p>(71) Apple Inc. (21) 2020202396 (22) 06.04.2020 (54) Devices, methods, and graphical user interfaces for messaging (62) 2017266930</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2020202387 (22) 03.04.2020 (54) A METHOD AND APPARATUS FOR REDEEMING A PRIZE (62) 2018203965, 2018205176</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2020202398 (22) 06.04.2020</p>	<p>(54) A GAMING SYSTEM AND A METHOD OF GAMING (62) 2018201982</p> <hr/> <p>(71) AstraZeneca AB (21) 2020202333 (22) 02.04.2020 (54) METHODS FOR TREATING CHRONIC OBSTRUCTIVE PULMONARY DISEASE USING BENRALIZUMAB (62) 2014334563</p> <hr/> <p>(71) AusNet Electricity Services Pty Ltd (21) 2020202385 (22) 03.04.2020 (54) Pole base replacement method and support assembly (31) 2019901174 (32) 05.04.19 (33) AU</p> <hr/> <p>(71) Autonomous Healthcare, Inc. (21) 2020202414 (22) 08.04.2020 (54) HIERARCHICAL ADAPTIVE CLOSED-LOOP FLUID RESUSCITATION AND CARDIOVASCULAR DRUG ADMINISTRATION SYSTEM (62) 2019280053</p> <hr/> <p>(71) Avexxin AS (21) 2020202336 (22) 02.04.2020 (54) Combination therapy comprising a polyunsaturated ketone and a folic acid partner (62) 2017272890</p> <hr/> <p>(71) Avexxin AS (21) 2020202338 (22) 02.04.2020 (54) Combination therapy comprising a polyunsaturated ketone and a calcineurin inhibitor (62) 2017272889</p> <hr/> <p>(71) Bechtel Oil, Gas & Chemicals, Inc. (21) 2020202380 (22) 03.04.2020 (54) BRANCH FITTING FOR REDUCING STRESS CAUSED BY ACOUSTIC INDUCED VIBRATION (62) 2018205213</p> <hr/> <p>(71) Blackhawk Network, Inc. (21) 2020202352 (22) 02.04.2020 (54) System and method for configuring risk tolerance in transaction cards (62) 2018204561</p> <hr/> <p>(71) Boehringer Ingelheim Vetmedica GmbH (21) 2020202402 (22) 06.04.2020</p>	<p>(54) Muscarinic antagonists and combinations thereof for the treatment of airway disease in horses (62) 2015276310</p> <hr/> <p>(71) Bourgault Industries Ltd. (21) 2020202416 (22) 08.04.2020 (54) Singulating meter (31) 3,040,955 (32) 23.04.19 (33) CA</p> <hr/> <p>(71) Bruin Biometrics, LLC (21) 2020202335 (22) 02.04.2020 (54) Measurement of edema (62) 2018217187</p> <hr/> <p>(71) Camec Pty Ltd (21) 2020202378 (22) 03.04.2020 (54) ENTRY SYSTEM (31) 2019901183 (32) 05.04.19 (33) AU</p> <hr/> <p>(71) Carr, H. (21) 2020202329 (22) 01.04.2020 (54) Enhanced Biomass-based CO2 Sequestration (31) 2019901126 (32) 02.04.19 (33) AU</p> <hr/> <p>(71) Caterpillar, Inc. (21) 2020202341 (22) 02.04.2020 (54) COLLISION AVOIDANCE SYSTEM WITH ELEVATION COMPENSATION (31) 16/396,035 (32) 26.04.19 (33) US</p> <hr/> <p>(71) CFPH, LLC (21) 2020202314 (22) 01.04.2020 (54) SYSTEMS AND METHODS FOR MANAGING MONEY FROM MULTIPLE PLAYERS (62) 2018203038</p> <hr/> <p>(71) CGG Services SA (21) 2020202351 (22) 02.04.2020 (54) Electromagnetic receiver tracking and real-time calibration system and method (62) 2015201655</p> <hr/> <p>(71) Chugai Seiyaku Kabushiki Kaisha (21) 2020202383 (22) 03.04.2020 (54) Modified antibody constant region (62) 2018201080</p>
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- (71) ClarVista Medical, Inc.; The Regents of the University of Colorado, a body corporate
(21) 2020202323 (22) 01.04.2020
(54) Modular intraocular lens designs
(62) 2015380300
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- (71) Clover Network, Inc.
(21) 2020202324 (22) 01.04.2020
(54) Advanced hardware system for self service checkout kiosk
(31) 16/523,947 (32) 26.07.19 (33) US
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- (71) Cornell University
(21) 2020202360 (22) 02.04.2020
(54) METHOD AND APPARATUS FOR MANIPULATING THE SIDE WALL OF A BODY LUMEN OR BODY CAVITY SO AS TO PROVIDE INCREASED VISUALIZATION OF THE SAME AND/OR INCREASED ACCESS TO THE SAME, AND/OR FOR STABILIZING INSTRUMENTS RELATIVE TO THE SAME
(62) 2015217259
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- (71) Covidien LP
(21) 2020202420 (22) 07.04.2020
(54) Seal assemblies for surgical access assemblies
(31) 16/407,424 (32) 09.05.19 (33) US
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- (71) CS Automation Pty Ltd
(21) 2020202399 (22) 06.04.2020
(54) Control of a crusher
(31) 2019901224 (32) 10.04.19 (33) AU
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- (71) Darcan Technology Holdings Pty Ltd
(21) 2020202379 (22) 03.04.2020
(54) FIBRE MATERIAL
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- (71) DEKA Products Limited Partnership
(21) 2020202330 (22) 01.04.2020
(54) SENSOR APPARATUS SYSTEMS, DEVICES AND METHODS
(62) 2017253581
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- (71) Eagle Biologics, Inc.
(21) 2020202407 (22) 06.04.2020
(54) LIQUID PROTEIN FORMULATIONS CONTAINING VISCOSITY-LOWERING AGENTS
(62) 2014318637
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- (71) Eagle Biologics, Inc.
(21) 2020202408 (22) 06.04.2020
(54) LIQUID PROTEIN FORMULATIONS CONTAINING IONIC LIQUIDS
(62) 2014318725
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- (71) Eaton Intelligent Power Limited
(21) 2020202316 (22) 01.04.2020
(54) CABLE TRAY ISOLATION PAD
(31) 16/379,462 (32) 09.04.19 (33) US
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- (71) Eden Research PLC
(21) 2020202377 (22) 03.04.2020
(54) Encapsulation Of High Potency Active Agents
(62) 2016214120
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- (71) Eurochampignon bvba
(21) 2020202376 (22) 03.04.2020
(54) Plant Cultivation Apparatus
(62) 2019201489
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- (71) Evogene Ltd.
(21) 2020202369 (22) 03.04.2020
(54) Isolated polynucleotides and polypeptides, and methods of using same for increasing plant yield and/or agricultural characteristics
(62) 2018201669
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- (71) ExploraMed NC7, Inc.
(21) 2020202382 (22) 03.04.2020
(54) Methods and apparatus for transferring pressure during expression of human breast milk
(62) 2015287927
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- (71) Exxonmobil Upstream Research Company
(21) 2020202355 (22) 02.04.2020
(54) Pre-cooling of natural gas by high pressure compression and expansion
(62) 2016372717
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- (71) FERNO-WASHINGTON, INC.
(21) 2020202388 (22) 03.04.2020
(54) Cot fastening system having a crash stable, cot fastener track and method of affixing an emergency cot thereto
(62) 2015305583
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- (71) Fisher & Paykel Healthcare Limited
(21) 2020202342 (22) 02.04.2020
(54) FLOW MIXERS FOR RESPIRATORY THERAPY SYSTEMS
(62) 2015269001
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- Forest Laboratories Holdings Limited see Ironwood Pharmaceuticals, Inc.**
(21) 2020202319
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- (71) GE Global Sourcing LLC
(21) 2020202350 (22) 02.04.2020
(54) ELECTRICAL POWER DELIVERY SYSTEM AND MOUNTING SYSTEM THEREOF
(31) 16/390,614 (32) 22.04.19 (33) US
16/390,655 22.04.19 US
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- (71) Genmab B.V.
(21) 2020202410 (22) 07.04.2020
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- (54) Dimeric protein with triple mutations
(62) 2018203510
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- (71) GEN-PROBE INCORPORATED
(21) 2020202389 (22) 03.04.2020
(54) A cap removal apparatus and method
(62) 2018200929
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- (71) Georg Fischer Rohrleitungssysteme AG
(21) 2020202308 (22) 01.04.2020
(54) Butterfly valve
(31) 19 168 297.0 (32) 10.04.19 (33) EP
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- (71) Gilead Sciences, Inc.
(21) 2020202331 (22) 02.04.2020
(54) Therapeutic compounds useful for the prophylactic or therapeutic treatment of an HIV virus infection
(62) 2017312102
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- (71) Gilead Sciences, Inc.
(21) 2020202368 (22) 03.04.2020
(54) Polycyclic-carbamoylpyridone compounds and their use for the treatment of HIV infections
(62) 2018236701
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- (71) Gracernote, Inc.
(21) 2020202415 (22) 08.04.2020
(54) Modifying operations based on acoustic ambience classification
(62) 2014374183
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- (71) Gregory, N.
(21) 2020202357 (22) 02.04.2020
(54) Automotive Electrical Cable Stand
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- (71) GWR Pty Ltd
(21) 2020202400 (22) 06.04.2020
(54) Electrical Connector
(31) 2019901209 (32) 09.04.19 (33) AU
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- (71) Honeywell International Inc.
(21) 2020202417 (22) 08.04.2020
(54) THERMOPILE-BASED FLOW SENSING DEVICE
(31) 16/389,647 (32) 19.04.19 (33) US
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- (71) HSU, J.
(21) 2020202349 (22) 02.04.2020
(54) System of Third Party Event Selection
(62) 2016238983
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- (71) Hunan SkyWorld Biotechnologies Co. Ltd
(21) 2020202395 (22) 05.04.2020
(54) USE OF FLUORESCENCE FOR THE QUICK AND EASY DETERMINATION OF S-ADENOSYLMETHIONINE, S-ADENOSYLMHOCYSTEINE AND HOMOCYSTEINE
(62) 2016267091

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<p>(71) ICU Medical, Inc (21) 2020202334 (22) 02.04.2020 (54) System and method of monitoring and managing a remote infusion regimen (62) 2014312122</p>	<p>(54) Pump and dishwasher comprising the same (62) 2018202053</p>	<p>(71) NAVICO HOLDINGS AS (21) 2020202411 (22) 08.04.2020 (54) SONAR TRANSDUCER HAVING GEOMETRIC ELEMENTS (31) 16/382,639 (32) 12.04.19 (33) US</p>
<p>(71) Incoming Pty Ltd (21) 2020202339 (22) 02.04.2020 (54) Notifications on mobile devices (62) 2015362076</p>	<p>(71) Li-Cycle Corp. (21) 2020202401 (22) 06.04.2020 (54) Process For Recovering Materials From Rechargeable Lithium-Ion Batteries (62) 2018276326</p>	<p>(71) OpenTV, Inc. (21) 2020202346 (22) 02.04.2020 (54) Targeted advertising based on user product information (62) 2015264013</p>
<p>(71) Intercept Pharmaceuticals, Inc. (21) 2020202405 (22) 06.04.2020 (54) Preparation, uses and solid forms of obeticholic acid (62) 2018241172</p>	<p>(71) Lifetrack Medical Systems Private Ltd. (21) 2020202337 (22) 02.04.2020 (54) CHARACTERIZING STATES OF SUBJECT (62) 2018206741</p>	<p>(71) Ozgene Holdings Pty Ltd (21) 2020202321 (22) 01.04.2020 (54) Compositions and methods for producing genetically modified animals (62) 2014346342</p>
<p>(71) Intra-Cellular Therapies, Inc. (21) 2020202386 (22) 03.04.2020 (54) NOVEL METHODS (62) 2019200301</p>	<p>(71) Longyear TM, Inc. (21) 2020202327 (22) 01.04.2020 (54) Wireline system and methods of using same (62) 2015264242</p>	<p>(71) Paladin Intellectual Property Pty Ltd (21) 2020202356 (22) 02.04.2020 (54) A Method for Recovering an Acid or Base (62) 2014391080</p>
<p>(71) Ionis Pharmaceuticals, Inc.; University of Rochester (21) 2020202315 (22) 01.04.2020 (54) MODULATION OF DYSTROPHIA MYOTONICA-PROTEIN KINASE (DMPK) EXPRESSION (62) 2018200825</p>	<p>(71) Mallinckrodt Hospital Products IP Limited (21) 2020202392 (22) 05.04.2020 (54) Methods of using inhaled nitric oxide gas for treatment of acute respiratory distress syndrome in children (62) 2015204616</p>	<p>Politecnico di Milano see Prysmian S.p.A. (21) 2020202318</p>
<p>(71) Ironwood Pharmaceuticals, Inc.; Forest Laboratories Holdings Limited (21) 2020202319 (22) 01.04.2020 (54) Delayed release compositions of linaclotide (62) 2014362220</p>	<p>(71) MedImmune Limited (21) 2020202381 (22) 03.04.2020 (54) GLUCAGON AND GLP-1 CO-AGONISTS FOR THE TREATMENT OF OBESITY (62) 2017229530</p>	<p>(71) Prysmian S.p.A.; Politecnico di Milano (21) 2020202318 (22) 01.04.2020 (54) Flame- retardant electrical cable (31) 19382315.0 (32) 25.04.19 (33) EP</p>
<p>(71) Johnson Controls Technology Company (21) 2020202320 (22) 01.04.2020 (54) Building system with smart building scoring (31) 16/399,698 (32) 30.04.19 (33) US</p>	<p>(71) Medtronic Vascular Inc. (21) 2020202371 (22) 03.04.2020 (54) Expandable introducer sheath having a steering mechanism (62) 2017240507</p>	<p>(71) Pulse IP, LLC (21) 2020202344 (22) 02.04.2020 (54) Biomedical electrode (62) 2014277800</p>
<p>(71) Jolley, T. (21) 2020202361 (22) 03.04.2020 (54) Adjustable Orthotic Footwear (31) 2019901368 (32) 20.04.19 (33) AU</p>	<p>(71) Medtronic Xomed, Inc. (21) 2020202372 (22) 03.04.2020 (54) Pressure relief for a catheter balloon device (62) 2015318280</p>	<p>(71) Rail-Veyor Technologies Global Inc. (21) 2020202326 (22) 01.04.2020 (54) Rail transport dump loop system for conveying bulk materials (62) 2015286191</p>
<p>(71) Kop-Coat, Inc. (21) 2020202409 (22) 06.04.2020 (54) METHOD AND RELATED SOLUTION FOR PROTECTING WOOD THROUGH ENHANCED PENETRATION OF WOOD PRESERVATIVES EMPLOYING BUFFERED AMINE OXIDES AND ALKOXYLATED OILS (62) 2017269578</p>	<p>(71) Meinan Machinery Works, Inc. (21) 2020202403 (22) 06.04.2020 (54) Veneer cutting and sorting apparatus (31) 2019-226327 (32) 16.12.19 (33) JP</p>	<p>(71) REVA IP HOLDINGS PTY LTD (21) 2020202345 (22) 02.04.2020 (54) LOCATING SYSTEM AND METHOD (31) 2019901111 (32) 02.04.19 (33) AU</p>
<p>(71) LG Electronics Inc. (21) 2020202370 (22) 03.04.2020</p>	<p>(71) MITCHELL, A. (21) 2020202354 (22) 02.04.2020 (54) AN APPARATUS FOR EXTRACTING HONEY FROM HONEYCOMB</p>	<p>(71) SAMSUNG ELECTRONICS CO., LTD. (21) 2020202343 (22) 02.04.2020 (54) Method and apparatus for reduced feedback FD-MIMO (62) 2016207288</p>
<p>(71) Monsanto Technology LLC (21) 2020202394 (22) 05.04.2020 (54) NOVEL CHIMERIC INSECTICIDAL PROTEINS TOXIC OR INHIBITORY TO LEPIDOPTERAN PESTS (62) 2019203014</p>	<p>(71) Sandvik Mining and Construction Oy (21) 2020202412 (22) 08.04.2020 (54) APPARATUS AND METHOD FOR DETERMINING POSITION OF DRILLING TOOL DURING DRILLING (31) 19170203.4 (32) 18.04.19 (33) EP</p>	<p>(71) Sandvik Mining and Construction Oy (21) 2020202412 (22) 08.04.2020 (54) APPARATUS AND METHOD FOR DETERMINING POSITION OF DRILLING TOOL DURING DRILLING (31) 19170203.4 (32) 18.04.19 (33) EP</p>

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(71) Schleiffarth, J.
 (21) 2020202347 (22) 02.04.2020
 (54) Concentrator and crystallizer evaporation system
 (62) 2015277574

(71) Sealite Pty Ltd
 (21) 2020202373 (22) 03.04.2020
 (54) Computer-implemented management of aids to navigation
 (62) 2014284103

(71) Seowon University Institute of Industry-Academy Collaboration
 (21) 2020202375 (22) 03.04.2020
 (54) Composition for Prophylaxis of Colon Cancer
 (31) 10-2020-0019603 (32) 18.02.20 (33) KR

(71) Seres Therapeutics, Inc.
 (21) 2020202312 (22) 01.04.2020
 (54) COMPOSITIONS AND METHODS FOR INHIBITION OF PATHOGENIC BACTERIAL GROWTH
 (62) 2014212003

(71) ServiceNow, Inc.
 (21) 2020202353 (22) 02.04.2020
 (54) Failure resistant distributed computing system
 (62) 2017261529

(71) SRGI Holdings, LLC
 (21) 2020202310 (22) 01.04.2020
 (54) Pixel array medical devices and methods
 (62) 2015308582

(71) Sterilex, LLC
 (21) 2020202366 (22) 03.04.2020
 (54) Ambient moisture-activated surface treatment powder
 (62) 2017345307

(71) TBSX3 Pty Ltd
 (21) 2020202384 (22) 03.04.2020
 (54) Information System for Item Verification
 (62) 2017239933

(71) Tekmira Pharmaceuticals Corporation
 (21) 2020202365 (22) 03.04.2020
 (54) LIVER SCREENING METHOD
 (62) 2018211294

(71) The Boeing Company
 (21) 2020202397 (22) 06.04.2020
 (54) Polyanilines and methods thereof
 (31) 62/832,143 (32) 10.04.19 (33) US
 16/818,517 13.03.20 US

(71) The Boeing Company
 (21) 2020202404 (22) 06.04.2020
 (54) Digital controlled reception pattern antenna for satellite navigation
 (31) 16/420,529 (32) 23.05.19 (33) US

(71) The Raymond Corporation
 (21) 2020202309 (22) 01.04.2020
 (54) SYSTEMS AND METHODS FOR A MATERIAL HANDLING VEHICLE WITH A MULTI-PIECE BUMPER ASSEMBLY
 (31) 62/828,106 (32) 02.04.19 (33) US

(71) The Raymond Corporation
 (21) 2020202311 (22) 01.04.2020
 (54) MATERIAL HANDLING VEHICLE HAVING A MULTI-PIECE BUMPER ASSEMBLY
 (31) 62/830,107 (32) 02.04.19 (33) US

(71) The Raymond Corporation
 (21) 2020202364 (22) 03.04.2020
 (54) LOAD HANDLING MODULE FOR A MATERIAL HANDLING VEHICLE
 (31) 62/830,155 (32) 05.04.19 (33) US

(71) The Raymond Corporation
 (21) 2020202391 (22) 04.04.2020
 (54) PALLET DETECTION SYSTEMS AND METHODS FOR A MATERIAL HANDLING DEVICE
 (31) 62/830,110 (32) 05.04.19 (33) US

The Regents of the University of Colorado, a body corporate see ClarVista Medical, Inc.
 (21) 2020202323

(71) The Spacer Co Pty Ltd
 (21) 2020202317 (22) 01.04.2020
 (54) Pipe supports
 (31) 2019901120 (32) 02.04.19 (33) AU
 2019901210 09.04.19 AU

(71) The Trustees of the University of Pennsylvania; Acuitas Therapeutics Inc.
 (21) 2020202322 (22) 01.04.2020
 (54) Nucleoside-modified RNA for inducing an adaptive immune response
 (62) 2016253972

(71) The University of Birmingham; University of Virginia Patent Foundation
 (21) 2020202434 (22) 07.04.2020
 (54) Target peptides for immunotherapy and diagnostics
 (62) 2018203355

(71) The University of Nottingham
 (21) 2020202332 (22) 02.04.2020

(54) GLYCOLIPIDS AND PHARMACEUTICAL COMPOSITIONS THEREOF FOR USE IN THERAPY
 (62) 2015242363

(71) UNIFOR S.p.A.
 (21) 2020202362 (22) 03.04.2020
 (54) SMALL-SIZE, MOVABLE WORKSTATION
 (31) 102019000005382 (32) 08.04.19 (33) IT

University of Rochester see Ionis Pharmaceuticals, Inc.
 (21) 2020202315

University of Virginia Patent Foundation see The University of Birmingham
 (21) 2020202434

(71) Warsaw Orthopedic, Inc.
 (21) 2020202313 (22) 01.04.2020
 (54) Spinal implant system and method
 (62) 2016233759

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2020202308	Georg Fischer Rohrleitungssysteme AG	2020202377	Eden Research PLC
2020202309	The Raymond Corporation	2020202378	Camec Pty Ltd
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2020202311	The Raymond Corporation	2020202380	Bechtel Oil, Gas & Chemicals, Inc.
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2020202316	Eaton Intelligent Power Limited	2020202385	AusNet Electricity Services Pty Ltd
2020202317	The Spacer Co Pty Ltd	2020202386	Intra-Cellular Therapies, Inc.
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2020202331	Gilead Sciences, Inc.	2020202400	GWR Pty Ltd
2020202332	The University of Nottingham	2020202401	Li-Cycle Corp.
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2020202334	ICU Medical, Inc	2020202403	Meinan Machinery Works, Inc.
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2020202336	Avexxin AS	2020202405	Intercept Pharmaceuticals, Inc.
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2020202339	Incoming Pty Ltd	2020202408	Eagle Biologics, Inc.
2020202340	8 Rivers Capital, LLC	2020202409	Kop-Coat, Inc.
2020202341	Caterpillar, Inc.	2020202410	Genmab B.V.
2020202342	Fisher & Paykel Healthcare Limited	2020202411	NAVICO HOLDINGS AS
2020202343	SAMSUNG ELECTRONICS CO., LTD.	2020202412	Sandvik Mining and Construction Oy
2020202344	Pulse IP, LLC	2020202414	Autonomous Healthcare, Inc.
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2020202346	OpenTV, Inc.	2020202416	Bourgault Industries Ltd.
2020202347	Schleiffarth, J.	2020202417	Honeywell International Inc.
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Applications listed below were processed through the Patent Office Canberra during the period ending 7 Apr 2020 .
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(71) Central South University
(21) 2020100499 (22) 31.03.2020
(54) MODEL AFM PROBE FOR OXIDIZED
MINERAL COLLECTOR, PREPARA-
TION METHOD AND APPLICATION
THEREOF
(31) 201911013686.7 (32) 23.10.19 (33) CN

(71) Institute of Geology and Geophysics,
Chinese Academy of Sciences
(21) 2020100496 (22) 31.03.2020
(54) A Very-Short Offset Transient Electromag-
netic Method with a Grounded-wire Source

(71) Institute of Geology and Geophysics,
Chinese Academy of Sciences
(21) 2020100497 (22) 31.03.2020
(54) Transient Electromagnetic Detection Meth-
od with Cross-Like Grounded-Wire Source

(71) Jilin University
(21) 2020100495 (22) 31.03.2020
(54) FULLY-DRIVEN FIVE-FINGER DEX-
TEROUS HAND STRUCTURE AND
CONTROL SYSTEM
(31) 201910255515.9 (32) 01.04.19 (33) CN

(71) Opatha Vithana, A.
(21) 2020100490 (22) 30.03.2020
(54) DB Vent 1-ventilator

(71) Rieck, K.
(21) 2020100500 (22) 01.04.2020
(54) insulated polyethylene tanks

(71) Tianjin University of Science and Techno-
logy
(21) 2020100498 (22) 31.03.2020
(54) THE ULTRASONIC VIBRATION AS-
SISTED LASER DEVICE FOR PREPAR-
ING HYDROPHOBICITY OF METAL
SURFACE
(31) 201910985514.X (32) 15.10.19 (33) CN

Numerical Index

2020100490	Opatha Vithana, A.	2020100497	Institute of Geology and Geophysics, Chinese Academy of Sciences
2020100495	Jilin University	2020100498	Tianjin University of Science and Technology
2020100496	Institute of Geology and Geophysics, Chinese Academy of Sciences	2020100499	Central South University
		2020100500	Rieck, K.

Applications with amended filing dates Reg 3.5(A).

2020100480 **Jones, H.** The filing date has been amended to 06.04.2020

Applications Lapsed, Refused Or Withdrawn, Patents Ceased or Expired

Reference to the application numbers must include the year of the application of the patent, which is shown preceding the numbers.

The codes next to each number have the following meanings:

Code Meaning

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

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

- N Applications not Open to Public Inspection

2000

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 2019901234 (12AN) 2019901859 (12AN)

2020

2020200250 (1B) 2020200387 (1B) 2020200404 (1B)

Assignments before Grant, Section 113

2014

2014261278 Eracles-Technology The application has been assigned to **Strength Master Fitness Tech. Co., Ltd.**

2015

2015346342 Hanan, Jay; Niagara Bottling, LLC The application has been assigned to **Niagara Bottling, LLC**

2016

2016222290 Deakin University The application has been assigned to **FLAIM Systems Pty Ltd**

2016228933 IMP Group (Pty) Ltd The application has been assigned to **FLSmith A/S**

2016279758 EPC Engineering & Technologies GmbH The application has been assigned to **CyPlus GmbH**

2016299329 Bayer Pharma Aktiengesellschaft The application has been assigned to **Deutsches Krebsforschungszentrum, Stiftung des öffentlichen Rechts**

2016300980 Bayer Pharma Aktiengesellschaft The application has been assigned to **Deutsches Krebsforschungszentrum, Stiftung des öffentlichen Rechts**

2016340241 Thomson Reuters Global Resources Unlimited Company The application has been assigned to **Thomson Reuters Enterprise Centre GmbH**

Assignments before Grant, Section 113

2017

2017215342 Thomson Reuters Global Resources Unlimited Company
The application has been assigned to **Thomson Reuters Enterprise Centre GmbH**

2017265250 Swedish Neutral Holding AB The application has been assigned to **Swedish Neutral AB**

2017269322 Thomson Reuters Global Resources Unlimited Company
The application has been assigned to **Thomson Reuters Enterprise Centre GmbH**

2017283731 Thomson Reuters Global Resources Unlimited Company
The application has been assigned to **Thomson Reuters Enterprise Centre GmbH**

2017306411 Conroy, Thomas; Becker, Todd; Patstone, Christopher; Langton, David The application has been assigned to **ScentBridge Holdings, LLC**

2017326334 Medical Components, Inc. The application has been assigned to **AngioDynaics VA, LLC**

2017326739 Blindware Pty Ltd The application has been assigned to **Blindware Pty Ltd**

2017332437 Mito Medical Products B.V. The application has been assigned to **DELSENI HOLDING B.V.**

2017334864 Thomson Reuters Global Resources Unlimited Company
The application has been assigned to **Thomson Reuters Enterprise Centre GmbH**

2017355420 Thomson Reuters Global Resources Unlimited Company
The application has been assigned to **Thomson Reuters Enterprise Centre GmbH**

2017356150 Thomson Reuters Global Resources Unlimited Company
The application has been assigned to **Thomson Reuters Enterprise Centre GmbH**

2017364346 Thomson Reuters Global Resources Unlimited Company
The application has been assigned to **Thomson Reuters Enterprise Centre GmbH**

2017379010 Topsters LLC The application has been assigned to **Dispensa Holdings LLC**

2017384388 Cancer Research Technology Limited; AstraZeneca AB The application has been assigned to **AstraZeneca AB**

2018

2018214675 Thomson Reuters Global Resources Unlimited Company
The application has been assigned to **Thomson Reuters Enterprise Centre GmbH**

2018229454 Thomson Reuters Global Resources Unlimited Company
The application has been assigned to **Thomson Reuters Enterprise Centre GmbH**

Assignments before Grant, Section 113

2018232918 Thomson Reuters Global Resources Unlimited Company
The application has been assigned to **Thomson Reuters Enterprise Centre GmbH**

2018241053 Thomson Reuters Global Resources Unlimited Company
The application has been assigned to **Thomson Reuters Enterprise Centre GmbH**

2018270241 Thomson Reuters Global Resources Unlimited Company
The application has been assigned to **Thomson Reuters Enterprise Centre GmbH**

2018273485 Swedish Neutral Holding AB The application has been assigned to **Swedish Neutral AB**

2018276192 Millennium Pharmaceuticals, Inc. The application has been assigned to **DOT Therapeutics-1, Inc.**

2018326414 LPS IP LLC The application has been assigned to **Imperial Pipe Services, LLC**

2018340858 University of New England The application has been assigned to **Greatrex, Ben**

2018355889 The University of Western Australia; North Metropolitan Health Service The application has been assigned to **The University of Western Australia**

2018381738 University of Southern California; Qingdao University of Technology The application has been assigned to **Qingdao University of Technology**

2019

2019204258 THOMSON REUTERS GLOBAL RESOURCES UNLIMITED COMPANY The application has been assigned to **Thomson Reuters Enterprise Centre GmbH**

2019902059 D & V Enterprise Pty Ltd The application has been assigned to **Corrie, Robert**

2020

2020200800 Thomson Reuters Global Resources Unlimited Company
The application has been assigned to **Thomson Reuters Enterprise Centre GmbH**

Extensions of Time, Section 223

Applications Received

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

2007

2007257159 **Schuetzle, L.** An application to extend the time from 08 Jun 2019 to 08 Feb 2020 in which to pay a renewal fee has been filed . Address for service - Pizzeyes Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 BRISBANE QLD 4001 AU

Extensions of Time, Section 223**2014**

2014213562 **Canaris, J.** An application to extend the time from 17 Aug 2019 to 17 Apr 2020 in which to pay a renewal fee has been filed . Address for service - Ahearn Fox GPO Box 1149 Brisbane QLD 4001 AU

2015

2015305892 **Supercritical Fluid Technologies, Inc.** An application to extend the time from 07 Aug 2019 to 07 Apr 2020 in which to pay a continuation fee has been filed . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

Applications Allowed - Section 223(2)**2008**

2008266971 **EpicentRx, Inc.** The time in which to pay a renewal fee has been extended to 11 Jan 2020 . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2010

2010259927 **Radar Corporation** The time in which to pay a renewal fee has been extended to 11 Feb 2020 . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

2010332112 **Mayo Foundation for Medical Education and Research** The time in which to pay a renewal fee has been extended to 03 Oct 2019 . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

2011

2011239766 **Midland Pig Producers Limited** The time in which to pay a renewal fee has been extended to 12 Dec 2019 . Address for service - Griffith Hack GPO Box 1285 MELBOURNE VIC 3001 AU

2013

2013237655 **Reed, C.** The time in which to gain acceptance has been extended to 04 Jan 2021 . Address for service - The Trustee for Reed Family Trust 16 Moondani Drive Gilston QLD 4211 AU

2014

2014262380 **Chester, D.** The time in which to pay a renewal fee has been extended to 09 Jan 2020 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2015

2015262888 **Ibis Information Systems Pty Ltd** The time in which to pay a continuation fee has been extended to 21 Dec 2019 . Address for service - K&L Gates Level 25 South Tower 525 Collins Street Melbourne VIC 3000 AU

2015305171 **Zhongying Changjiang International New Energy Investment Co., Ltd** The time in which to pay a renewal fee has been extended to 30 Jan 2020 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2015305172 **Zhongying Changjiang International New Energy Investment Co., Ltd** The time in which to pay a renewal fee has been extended to 30 Jan 2020 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

Extensions of Time, Section 223**2016**

2016268249 **Illinois Tool Works Inc.** The time in which to enter the National Phase has been extended to 27 Aug 2019 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2018

2018102151 **Sichuan Provincial People's Hospital** The time in which to comply with a direction under Reg 3.2B has been extended to 12 Mar 2020 . Address for service - Burns IP & Commercial Pty Ltd PO Box 177 Hampton VIC 3188 AU

2018313165 **SCHLAGE LOCK COMPANY LLC** The time in which to enter the National Phase has been extended to 08 Apr 2020 . Address for service - Alder IP Pty Ltd Suite 202 24 Thomas Street CHATSWOOD NSW 2067 AU

2019

2019200376 **Devgen NV** The time in which to pay a continuation fee has been extended to 02 Dec 2019 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

Amendments**Applications for Amendment**

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

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

2010

2010303628 A method for diagnosing primary biliary cirrhosis (PBC) using novel autoantigens **AmberGen, Inc.** The nature of the amendment is: Add patentee Massachusetts General Hospital . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2014

2014212003 Compositions and methods for inhibition of pathogenic bacterial growth **Seres Therapeutics, Inc.** The nature of the amendment is as shown in the statement(s) filed 03 Apr 2020 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 Collins Street West VIC 8007 AU

2014249190 Improved methods for conducting multiplexed assays **Meso Scale Technologies, LLC.** The nature of the amendment is as shown in the statement(s) filed 30 Mar 2020 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 Collins Street West VIC 8007 AU

2015

2015238816 A METHOD FOR DIAGNOSING PRIMARY BILIARY CIRRHOSIS (PBC) USING NOVEL AUTOANTIGENS **AmberGen, Inc.** The nature of the amendment is: Amend the applicants to add co-applicants Massachusetts General Hospital . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2015288014 Solvent extraction from biodegradable microparticles **Rezolute, Inc.** The nature of the amendment is as shown in the statement(s)

Amendments

filed 03 Apr 2020 . Address for service - Davies Collison Cave Pty Ltd Level 14 255 Elizabeth St Sydney NSW 2000 AU

2016

2016208052 Geopolymer composite and expandable vinyl aromatic polymer granulate and expanded vinyl aromatic polymer foam comprising the same **Synthos S.A.** The nature of the amendment is as shown in the statement(s) filed 03 Apr 2020 . Address for service - Griffith Hack GPO Box 4164 Sydney NSW 2001 AU

2016376798 Base metal dewaxing catalyst **ExxonMobil Research and Engineering Company** The nature of the amendment is as shown in the statement(s) filed 12 Mar 2020 . Address for service - Watermark Intellectual Property Pty Ltd L 1 109 Burwood Rd Hawthorn VIC 3122 AU

2017

2017261477 MICE THAT MAKE HEAVY CHAIN ANTIBODIES **Regeneron Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement(s) filed 09 Apr 2020 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 Collins Street West VIC 8007 AU

2017317293 Method for operating a system with drives which are mechanically coupled together and with a higher-level computer, and system **SEW-EURODRIVE GmbH & Co. KG** The nature of the amendment is as shown in the statement(s) filed 31 Mar 2020 . Address for service - Griffith Hack GPO Box 1285 MELBOURNE VIC 3001 AU

2018

2018101674 Reusable Cable Tie **Shimmin, T.** The nature of the amendment is as shown in the statement(s) filed 20 Jan 2020 . Address for service - SPICER SPICER PTY LTD PO Box 8077 Perth BC WA 6849 AU

2018202990 Combination therapy **Aerie Pharmaceuticals, Inc** The nature of the amendment is as shown in the statement(s) filed 02 Apr 2020 . Address for service - K&L Gates Level 25 South Tower 525 Collins Street Melbourne VIC 3000 AU

2018224329 Systems and methods for ambulatory generation of nitric oxide **Third Pole, Inc.** The nature of the amendment is: Amend the name of the inventor to read Zapol, David G.; Hall, Gregory W.; Scholz, Wolfgang; Apollonio, Benjamin; Heirtzler, Frank and Ferencz, Andrew . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2018322501 Autoclave and method for removing salt from autoclave **Korea Zinc Co., Ltd.** The nature of the amendment is: Amend the priority details to read 10-2018-0017920 13 Feb 2018 KR . Address for service - Ellis Terry c/-Spruson Ferguson GPO BOX 3898 SYDNEY NSW 2001 AU

2019

2019201323 Patient support surface control, end of life indication, and x-ray cassette sleeve **Hill-Rom Services, Inc.** The nature of the amendment is: Amend the name of the inventor to read Newkirk, David C.; Sauser, Frank E.; Amrhein, Stephen S.; Borgman, Douglas E.; Johannigman, Nicole; Ramegowda, Jnanasha; Grace, Jason B.; Gilreath, Jason M.; Williamson, Rachel L.; Fisk, Brandon P.; Montini, Michael R.; Simpson, Thomas L.; Blessing, Faron L.; Voll, James D.; Choi, Kin Meng; Schultz, Frederick K.; Wager, Andrew R.; Seshadri, Sridhar Karimpuzha; Meyer, Eric R.; Gibbons, Gary R.; Shannon, Gregory J.; Churilla, Michael; Franklin, Taylor; Wagner, Catherine M.; Shah, Arpit; Wong, Wui Hsien; Smith, Kathryn R.; Borgman, Darrell L.; Moores, Keith; Byers, John G.; Lachenbruch, Charles A.; Corbin, Scott; Goewert, John; Guthrie, Brian; Gautier, Herve; Lellig, Jean-Francois; Kaikenger,

Amendments

Philippe and Guetta, Matthieu . Address for service - Shelston IP Pty Ltd. Level 9 60 Margaret Street Sydney NSW 2000 AU

Amendments Made

2010

2010340049 **Honeywell International Inc.** The nature of the amendment is as shown in the statement(s) filed 18 Dec 2019

2013

2013243348 **Monsanto Technology LLC** The nature of the amendment is: Amend the name of the inventor to read Baum, James A.; Evdokimov, Artem G.; Moshiri, Farhad; Rydel, Timothy J.; Sturman, Eric J.; Von Rechenberg, Moritz; Vu, Halong; Wollacott, Andrew M.; Zheng, Meiyang and Flasiniski, Stanislaw

2014

2014228186 **Hayward Industries, Inc** The nature of the amendment is: Amend the name of the inventor to read PRUCHNIEWSKI, David; POTUCEK, Kevin; FOURNIER, Gregory; MURDOCK, James; BLAINE, David; BRUNETTI, Carl L.; SAWYER, Douglas; HEON, Robert; STEVENS, John; CARTER, James; HORROCKS, Craig and WHITE, Kenneth

2015

2015342730 **UNISEG Products Pty Ltd** The nature of the amendment is as shown in the statement filed 09 Dec 2019

2015342774 **Dana-Farber Cancer Institute, Inc.** The nature of the amendment is as shown in the statement filed 17 Jan 2020

2015349730 **Stratos Genomics, Inc.** The nature of the amendment is: Amend the name of the inventor to read Kokoris, Mark Stamatios; Tabone, John; Nabavi, Melud and Jacobs, Aaron

2016

2016221966 **Medela Holding AG** The nature of the amendment is as shown in the statement filed 13 Jan 2020

2016269444 **Sato Holdings Kabushiki Kaisha** The nature of the amendment is as shown in the statement(s) filed 31 Oct 2019

2016295792 **Sasol Performance Chemicals GmbH** The nature of the amendment is as shown in the statement(s) filed 30 Oct 2019

2016333412 **Orthofix S.r.l.** The nature of the amendment is: Amend the name of the inventor to read Ottoboni, Andrea; Zaccaria, Andrea; Ross, John D.; Samchukov, Mikhail L.; Cherkashin, Alexander M. and Blake, Stephen Vincent

2016350690 **Intercept Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement filed 06 Jan 2020

2016408199 **China Tobacco Hunan Industrial Co., Ltd.** The nature of the amendment is: Amend the invention title to read Electronic cigarette atomization core and electronic cigarette atomizer

Amendments

2017

2017268621 **ViiV Healthcare Company** The nature of the amendment is as shown in the statement(s) filed 11 Nov 2019

2017287762 **Daewoong Pharmaceutical Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 28 Nov 2019

2017293271 **Jeil Pharmaceutical Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 22 Jan 2020

2017307324 **Ultrahaptics IP Limited** The nature of the amendment is: Amend the name of the inventor to read Long, Benjamin John Oliver and Jones, Philip

2017329950 **Phan, A.** The nature of the amendment is as shown in the statement(s) filed 26 Nov 2019

2017434935 **Kaise Co., Ltd.** The nature of the amendment is: Amend the invention title to read BICYCLE KICKSTAND INSTALLATION ADAPTER AND DOUBLE LEG STAND COMPRISING SAME

2017437315 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read PACKAGING FILM, BATTERY MODULE, AND MOBILE TERMINAL

2017445584 **Guangzhou RiboBio Co., Ltd.** The nature of the amendment is: Amend the invention title to read SiRNA molecule inhibiting the expression of the PCSK9 gene and use thereof

2018

2018200571 **Advent Bio Holdings LLC; The Regents of the University of Colorado, a Body Corporate; Konkuk University** The nature of the amendment is as shown in the statement filed 15 Jan 2020

2018202282 **Brook-Christin, S.** The nature of the amendment is: Amend the name of the inventor to read Brook-Christin, Kenneth; Brook-Christin, Samantha Claire and Mason, Jon

2018202460 **Agrigenetics, Inc.** The nature of the amendment is as shown in the statement filed 13 Jan 2020

2018237814 **SoftBank Corp.** The nature of the amendment is as shown in the statement(s) filed 17 Dec 2019

2018250536 **Hayward Industries, Inc.** The nature of the amendment is: Amend the name of the inventor to read HAYES, Graham M. and TEUSCHER, Scott

2018250537 **Hayward Industries, Inc.** The nature of the amendment is: Amend the name of the inventor to read HAYES, Graham M. and TEUSCHER, Scott

2018253465 **Hohai University** The nature of the amendment is: Amend the name of the inventor to read Xu, Ming; Cao, Jiashun; Shen, Xiaoxiao and Li, Chao

2018260930 **Apple Inc.** The nature of the amendment is as shown in the statement(s) filed 15 Jan 2020

2018298510 **LG Electronics Inc.** The nature of the amendment is: Amend the invention title to read Method of transmitting uplink phase tracking refer-

Amendments

ence signal by user equipment in wireless communication system and apparatus supporting same

2018329567 **PLON, R.** The nature of the amendment is: Amend the divisional details to read 2016295313

2018339877 **Blücher GmbH** The nature of the amendment is as shown in the statement filed 26 Mar 2020

2018340618 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read PARAMETER PROTECTION METHOD AND DEVICE, AND SYSTEM

2018346616 **Athenex HK Innovative Limited** The nature of the amendment is: Amend the name of the inventor to read LAU, Johnson Yiu-Nam; YOON, Weng Li; LEE, Ming Tsung; LI, Jiahao; CHAN, Denise So Bik and LAU, Johnson Yiu-Nam

2018348459 **Tokyo Institute of Technology; Osaka University; Japan Aviation Electronics Industry, Limited; Mitsubishi Heavy Industries, Ltd.** The nature of the amendment is: Amend the invention title to read Atomic interferometric gyroscope

2018348460 **Tokyo Institute of Technology; Osaka University; Japan Aviation Electronics Industry, Limited; Mitsubishi Heavy Industries, Ltd.** The nature of the amendment is: Amend the invention title to read Mach-zehnder type atomic interferometric gyroscope

2018349293 **Daewoong Pharmaceutical Co., Ltd.** The nature of the amendment is: Amend the invention title to read NOVEL PHENYLPYRIDINE DERIVATIVE AND PHARMACEUTICAL COMPOSITION COMPRISING THE SAME

2018349505 **Tokyo Institute of Technology; Osaka University; Japan Aviation Electronics Industry, Limited; Mitsubishi Heavy Industries, Ltd.** The nature of the amendment is: Amend the invention title to read Mach-zehnder type atomic interferometric gyroscope

2018372264 **Omori Machinery Co.,Ltd** The nature of the amendment is: Amend the invention title to read HEAT SHRINKING APPARATUS IN SHRINK PACKAGING MACHINE

2018386790 **Shanghai Cloudpick Smart Technology Co., Ltd.** The nature of the amendment is: Amend the invention title to read TARGET POSITIONING SYSTEM AND TARGET POSITIONING METHOD

2020

2020900914 **Isolate Innovations Pty Ltd** The nature of the amendment is: Amend the invention title to read An absorbent dental device

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

2010

2010214709 Patent Investment & Licensing Company The name of the patentee has been altered to **Acres Technology**

2011

2011239234 Vetco Gray Inc. The name of the patentee has been altered to **Vetco Gray, LLC**

Amendments**2012**

2012201834 Vetco Gray Inc. The name of the patentee has been altered to **Vetco Gray, LLC**

2012261620 Vetco Gray Inc. The name of the patentee has been altered to **Vetco Gray, LLC**

2013

2013206554 Vetco Gray Inc. The name of the patentee has been altered to **Vetco Gray, LLC**

2013286894 3-V Biosciences, Inc. The name of the patentee has been altered to **SAGIMET BIOSCIENCES INC.**

2014

2014390651 Cardlink Services Limited The name of the applicant has been altered to **BPAY Group Pty Ltd**

2015

2015259236 Clopay Plastic Products Company, Inc. The name of the applicant has been altered to **Berry Film Products Company, Inc.**

2016

2016268944 Gemalto M2M GmbH The name of the patentee has been altered to **THALES DIS AIS Deutschland GmbH**

2018

2018213993 Ancora Heat, Inc. The name of the applicant has been altered to **Ancora Heart, Inc.**

2018330031 TuSimple The name of the applicant has been altered to **TuSimple, Inc.**

2018346616 Athenex HK Innovative Limited; Johnson Yiu-Nam Lau The name of the applicant has been altered to **Athenex HK Innovative Limited**

2019

2019279919 Corning Cable Systems LLC The name of the applicant has been altered to **Corning Optical Communications LLC**

2020

2020900951 Freeze Drying Industries Pty Ltd The name of the applicant has been altered to **FREEZE DRY INDUSTRIES PTY LTD**

2020901022 Ajoya Capital The name of the applicant has been altered to **Dimitrovski, G.**

Applications Open to Public Inspection

Name Index

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

(71) 3A SALES ACADEMY PTY LTD
 (11) AU-A-2018241203
 (21) 2018241203 (22) 08.10.2018
 (54) Sales Training and placement
 (51) Int. Cl.
G06Q 10/06 (2012.01)
 (43) 23.04.2020
 (72) Brooks, John; Jackman, Alex
 (74) 3A SALES ACADEMY PTY LTD

(71) 8 Rivers Capital, LLC
 (11) AU-A-2020202340
 (21) 2020202340 (22) 02.04.2020
 (54) Production of low pressure liquid carbon dioxide from a power production system and method
 (51) Int. Cl.
B01D 53/62 (2006.01)
C01B 32/50 (2017.01)
C01B 32/60 (2017.01)
F01K 13/00 (2006.01)
F01K 25/10 (2006.01)
F02C 1/08 (2006.01)
F02C 3/34 (2006.01)
F02C 7/143 (2006.01)
F17C 9/04 (2006.01)
F23J 15/02 (2006.01)
F23L 7/00 (2006.01)
 (43) 23.04.2020
 (62) 2015315557
 (72) ALLAM, Rodney John; FORREST, Brock Alan; FETVEDT, Jeremy Eron
 (74) Griffith Hack

(71) AbbVie Biotechnology Ltd
 (11) AU-A-2020202298
 (21) 2020202298 (22) 31.03.2020
 (54) DAC HYP compositions and methods
 (51) Int. Cl.
C12N 5/10 (2006.01)
A61K 39/395 (2006.01)
A61P 25/28 (2006.01)
C07K 1/22 (2006.01)
C07K 16/46 (2006.01)
C12N 5/02 (2006.01)
C12N 15/63 (2006.01)
 (43) 23.04.2020
 (62) 2018200654
 (72) HARTMAN, Taymar; SAUER, Paul W.; BURKY, John W.; WESSON, Mark C.; HUANG, Ping Y.; ROBINSON, Thomas J.; PARTRIDGE, Braeden; TSO, J. Yun
 (74) Spruson & Ferguson

(71) AbbVie Inc.; Apogenix AG
 (11) AU-A-2020202247
 (21) 2020202247 (22) 30.03.2020
 (54) Single-chain TRAIL-receptor agonist proteins

(51) Int. Cl.
C07K 14/705 (2006.01)
A61K 38/00 (2006.01)
A61K 38/19 (2006.01)
 (43) 23.04.2020
 (62) 2018271369
 (72) HILL, Oliver; GIEFFERS, Christian; THIEMANN, Meinolf; BUCHANAN, Fritz G.; PHILLIPS, Darren C.; LAPPE, Susan E.
 (74) Spruson & Ferguson

(71) Ab Initio Technology LLC
 (11) AU-A-2020202218
 (21) 2020202218 (22) 28.03.2020
 (54) MAPPING ATTRIBUTES OF KEYED ENTITIES
 (51) Int. Cl.
G06Q 10/06 (2012.01)
G06F 16/00 (2019.01)
 (43) 23.04.2020
 (62) 2015229005
 (72) Stanfill, Craig W.; Studer, Scott; Roberts, Jed
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

Acuitas Therapeutics Inc. see The Trustees of the University of Pennsylvania
 (21) 2020202322

(71) AgaMatrix, Inc.
 (11) AU-A-2020202286
 (21) 2020202286 (22) 31.03.2020
 (54) ANALYTE DETECTION METER AND ASSOCIATED METHOD OF USE
 (51) Int. Cl.
G01N 27/327 (2006.01)
G01N 33/487 (2006.01)
 (43) 23.04.2020
 (62) 2018202780
 (72) IYENGAR, Sridhar; HARDING, Ian; WILLIAMS, Richard; CAI, Hua Kevin
 (74) Baldwins Intellectual Property

(71) Allergan, Inc.
 (11) AU-A-2020202242
 (21) 2020202242 (22) 30.03.2020
 (54) Soft filled prosthesis shell with variable texture
 (51) Int. Cl.
A61F 2/12 (2006.01)
 (43) 23.04.2020
 (62) 2015258842
 (72) Schuessler, David J.; Van Epps, Dennis E.
 (74) Davies Collison Cave Pty Ltd

(71) Amgen Inc.
 (11) AU-A-2020202302

(21) 2020202302 (22) 31.03.2020
 (54) Process For Manipulating The Level Of Glycan Content Of A Glycoprotein
 (51) Int. Cl.
C12P 21/00 (2006.01)
C07K 14/00 (2006.01)
C07K 16/00 (2006.01)
C12P 21/02 (2006.01)
 (43) 23.04.2020
 (62) 2015355087
 (72) LEISKE, Daniel R.; TRENTALANGE, Michael T.
 (74) WRAYS PTY LTD

Apogenix AG see AbbVie Inc.
 (21) 2020202247

(71) Aristocrat Technologies Australia Pty Limited
 (11) AU-A-2018241188
 (21) 2018241188 (22) 05.10.2018
 (54) A GAMING DEVICE WITH A USER INTERFACE INCORPORATING A FEATURE INDICATOR
 (51) Int. Cl.
G07F 17/32 (2006.01)
A63F 13/00 (2014.01)
 (43) 23.04.2020
 (72) CRISPINO, Oliver; BRYANT, Natalie
 (74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited
 (11) AU-A-2019240569
 (21) 2019240569 (22) 30.09.2019
 (54) SIGNAGE LAYERED DISPLAY MONITORS
 (51) Int. Cl.
A63F 13/00 (2014.01)
A63F 9/24 (2006.01)
G01F 7/00 (2006.01)
 (31) 16/151,197 (32) 03.10.18 (33) US
 (43) 23.04.2020
 (72) WINSTON, Eric; SECKEL, Timothy
 (74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited
 (11) AU-A-2019240623
 (21) 2019240623 (22) 02.10.2019
 (54) SYSTEM AND METHOD FOR MANAGING DIGITAL WALLETS
 (51) Int. Cl.
A63F 9/24 (2006.01)
G07F 17/32 (2006.01)
 (31) 62/741,626 (32) 05.10.18 (33) US
 62/741,641 05.10.18 US
 62/741,768 05.10.18 US
 62/900,004 13.09.19 US
 62/900,274 13.09.19 US

Applications Open to Public Inspection - Name Index cont'd

16/585,838 27.09.19 US
(43) 23.04.2020
(72) CLEVELAND, Christopher
(74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited
(11) AU-A-2019240626
(21) 2019240626 **(22)** 02.10.2019
(54) SYSTEM AND METHOD FOR CASH-LESS EXCHANGE AT TABLE GAMES
(51) Int. Cl.
A63F 9/24 (2006.01)
A63F 1/00 (2006.01)
G07F 17/32 (2006.01)

(31) 62/741,626 **(32)** 05.10.18 **(33)** US
 62/741,641 05.10.18 US
 62/741,768 05.10.18 US
 62/900,004 13.09.19 US
 62/900,274 13.09.19 US
 16/586,168 27.09.19 US

(43) 23.04.2020
(72) CLEVELAND, Christopher; PALMIS-ANO, Angelo
(74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited
(11) AU-A-2019240628
(21) 2019240628 **(22)** 02.10.2019
(54) SYSTEM AND METHOD FOR SECOND-ARY ENGAGEMENT WITH TABLE GAMES
(51) Int. Cl.
A63F 9/24 (2006.01)
A63F 1/00 (2006.01)
G07F 17/32 (2006.01)

(31) 62/741,626 **(32)** 05.10.18 **(33)** US
 62/741,641 05.10.18 US
 62/741,768 05.10.18 US
 62/900,004 13.09.19 US
 62/900,274 13.09.19 US
 16/586,356 27.09.19 US

(43) 23.04.2020
(72) PALMISANO, Angelo; CLEVELAND, Christopher
(74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited
(11) AU-A-2019240630
(21) 2019240630 **(22)** 02.10.2019
(54) SYSTEM AND METHOD FOR CARD-LESS CONNECTION AT SMART TABLES
(51) Int. Cl.
A63F 9/24 (2006.01)
A63F 1/00 (2006.01)
G07F 17/32 (2006.01)

(31) 62/741,626 **(32)** 05.10.18 **(33)** US
 62/741,641 05.10.18 US
 62/741,768 05.10.18 US
 62/900,004 13.09.19 US
 62/900,274 13.09.19 US
 16/586,127 27.09.19 US

(43) 23.04.2020
(72) CLEVELAND, Christopher; PALMIS-ANO, Angelo
(74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited

(11) AU-A-2019240631
(21) 2019240631 **(22)** 02.10.2019
(54) SYSTEM AND METHOD FOR TICKET-ING AT A GAMING TABLE
(51) Int. Cl.
A63F 9/24 (2006.01)
A63F 1/00 (2006.01)
G07F 17/32 (2006.01)

(31) 62/741,626 **(32)** 05.10.18 **(33)** US
 62/741,641 05.10.18 US
 62/741,768 05.10.18 US
 62/900,004 13.09.19 US
 62/900,274 13.09.19 US
 16/586,246 27.09.19 US

(43) 23.04.2020
(72) CLEVELAND, Christopher; PALMIS-ANO, Angelo
(74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited

(11) AU-A-2019240645
(21) 2019240645 **(22)** 02.10.2019
(54) SYSTEMS AND METHODS FOR SYN-CHRONOUSLY ILLUMINATING LIGHTING COMPONENTS OF AN ELECTRONIC GAMING MACHINE
(51) Int. Cl.
A63F 13/28 (2014.01)
A63F 9/24 (2006.01)
A63F 13/50 (2014.01)
G07F 17/00 (2006.01)

(31) 62/741,598 **(32)** 05.10.18 **(33)** US
 16/577,744 20.09.19 US
(43) 23.04.2020
(72) ALLEN, Santiago; MADDUX, Bretton; BUGEL, Natalie; HABDAS, Abigail
(74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited

(11) AU-A-2020202274
(21) 2020202274 **(22)** 31.03.2020
(54) A GAMING SYSTEM AND METHOD OF GAMING
(51) Int. Cl.
A63F 13/55 (2014.01)
A63F 13/52 (2014.01)
(43) 23.04.2020
(62) 2018211270
(72) SHAI-HEE, Michael Allan
(74) Griffith Hack

(71) AstraZeneca AB

(11) AU-A-2020202333
(21) 2020202333 **(22)** 02.04.2020
(54) METHODS FOR TREATING CHRON-IC OBSTRUCTIVE PULMONARY DIS-EASE USING BENRALIZUMAB
(51) Int. Cl.
A61K 39/00 (2006.01)
G01N 33/48 (2006.01)

(43) 23.04.2020
(62) 2014334563
(72) Van Der Merwe, Rene; Ward, Christine; Martin, Ubaldo; Roskos, Lorin; Wang, Bing
(74) Phillips Ormonde Fitzpatrick

(71) Avexxin AS
(11) AU-A-2020202336
(21) 2020202336 **(22)** 02.04.2020
(54) Combination therapy comprising a polyun-saturated ketone and a folic acid partner
(51) Int. Cl.
A61K 45/06 (2006.01)
A61K 31/121 (2006.01)
A61K 31/519 (2006.01)
A61P 17/06 (2006.01)

(43) 23.04.2020
(62) 2017272890
(72) JOHANSEN, Berit; FEUERHERM, Astrid Jullumstro
(74) FB Rice Pty Ltd

(71) Avexxin AS
(11) AU-A-2020202338
(21) 2020202338 **(22)** 02.04.2020
(54) Combination therapy comprising a polyun-saturated ketone and a calcineurin inhibitor
(51) Int. Cl.
A61K 45/06 (2006.01)
A61K 31/121 (2006.01)
A61K 31/436 (2006.01)
A61K 38/13 (2006.01)
A61P 17/06 (2006.01)

(43) 23.04.2020
(62) 2017272889
(72) Johansen, Berit; Feuerherm, Astrid Jullum-strø
(74) FB Rice Pty Ltd

(71) BEMO PTY LTD
(11) AU-A-2019246797
(21) 2019246797 **(22)** 09.10.2019
(54) Conveyor Belt Wear Measurement
(51) Int. Cl.
B65G 15/36 (2006.01)
B65G 15/08 (2006.01)
B65G 15/40 (2006.01)

(31) 2018903806 **(32)** 09.10.18 **(33)** AU
 2019900368 06.02.19 AU
(43) 23.04.2020
(72) BROWN, Barry Charles; JANEVSKI, Robert; POOLE, Jason; BROWN, Nicolas Moxham
(74) Fraser Old & Sohn

(71) BGC Partners, L.P.
(11) AU-A-2020202258
(21) 2020202258 **(22)** 30.03.2020
(54) SYSTEM AND METHOD FOR PROVID-ING LATENCY PROTECTION FOR TRADING ORDERS
(51) Int. Cl.
G06Q 40/00 (2006.01)

Applications Open to Public Inspection - Name Index cont'd

(43) 23.04.2020
 (62) 2018203572
 (72) Bartko, Peter; Capuano, John Robert; Novello, Joseph C.; Weston, Brian Alexander
 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

(71) Biosense Webster (Israel) Ltd.
 (11) AU-A-2019236598
 (21) 2019236598 (22) 23.09.2019
 (54) Automatic probe reinsertion
 (51) Int. Cl.
 A61B 1/00 (2006.01)
 A61B 1/04 (2006.01)
 (31) 16/152,209 (32) 04.10.18 (33) US
 (43) 23.04.2020
 (72) GLINER, Vadim; GOVARI, Assaf
 (74) Spruson & Ferguson

(71) Blackhawk Network, Inc.
 (11) AU-A-2020202352
 (21) 2020202352 (22) 02.04.2020
 (54) System and method for configuring risk tolerance in transaction cards
 (51) Int. Cl.
 G06F 21/00 (2006.01)
 (43) 23.04.2020
 (62) 2018204561
 (72) KUNDU, Arindam
 (74) Davies Collison Cave Pty Ltd

(71) Board of Regents, The University of Texas System
 (11) AU-A-2020202304
 (21) 2020202304 (22) 31.03.2020
 (54) COMPOSITIONS AND METHODS FOR TARGETING CONNEXIN HEMICHANNELS
 (51) Int. Cl.
 A61P 19/02 (2006.01)
 (43) 23.04.2020
 (62) 2014308699
 (72) Jiang, Jean X.; Riquelme, Manuel A.; Gu, Sumin
 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

(71) Bow River LLC
 (11) AU-A-2020202266
 (21) 2020202266 (22) 30.03.2020
 (54) METHODS OF TREATMENT
 (51) Int. Cl.
 C07D 241/06 (2006.01)
 A61K 31/496 (2006.01)
 A61K 31/497 (2006.01)
 (43) 23.04.2020
 (62) 2017414697
 (72) Srinivasan, Sundar; Chow, Christina
 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

(71) Bruin Biometrics, LLC
 (11) AU-A-2020202335
 (21) 2020202335 (22) 02.04.2020
 (54) Measurement of edema
 (51) Int. Cl.

A61B 5/00 (2006.01)
 A61B 5/053 (2006.01)
 (43) 23.04.2020
 (62) 2018217187
 (72) BURNS, Martin F.; BARRINGTON, Sara; ROSS, Graham O.
 (74) Spruson & Ferguson

(71) Capenecas, J.
 (11) AU-A-2019219732
 (21) 2019219732 (22) 20.08.2019
 (54) Shelf mountable on an electronic display device
 (51) Int. Cl.
 A47B 81/06 (2006.01)
 (31) 2018903759 (32) 05.10.18 (33) AU
 (43) 23.04.2020
 (72) Capenecas, John
 (74) LAMINAR IP PTY LTD

(71) CFPH, LLC
 (11) AU-A-2020202314
 (21) 2020202314 (22) 01.04.2020
 (54) SYSTEMS AND METHODS FOR MANAGING MONEY FROM MULTIPLE PLAYERS
 (51) Int. Cl.
 A63F 9/00 (2006.01)
 (43) 23.04.2020
 (62) 2018203038
 (72) MILLER, Kenneth L.; LIPKA, Craig
 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

(71) CGG Services SA
 (11) AU-A-2020202351
 (21) 2020202351 (22) 02.04.2020
 (54) Electromagnetic receiver tracking and real-time calibration system and method
 (51) Int. Cl.
 G01R 29/08 (2006.01)
 G01S 7/40 (2006.01)
 (43) 23.04.2020
 (62) 2015201655
 (72) Berringer, Jason; Miles, Philip
 (74) FPA Patent Attorneys Pty Ltd

(71) Chengdu Yefan Science and Technology Co., Ltd.
 (11) AU-A-2018409644
 (21) 2018409644 (22) 06.12.2018
 (54) Method and system for manufacturing solar cells and shingled solar cell modules
 (51) Int. Cl.
 H01L 31/18 (2006.01)
 (31) 201811410350.X (32) 23.11.18 (33) CN
 (43) 23.04.2020
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 (54) The invention relates to a quick and reliable pressure release clip able to be set

to tension required to support electrical fence tape, wire and cable (but not restricted to) across floodways, and form a reliable stock barrier, maintaining integrity and the ability to release before posts and strainers and damaged. This clip can be used on electric, plain, barbed and netting. For larger spans where wire cable is used a slide bar in a double pressure release assembly design can be used.

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 A01K 3/00 (2006.01)
 E04H 17/06 (2006.01)
 E04H 17/10 (2006.01)
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 (54) Modular intraocular lens designs
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 A61F 2/16 (2006.01)
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 (74) FB Rice Pty Ltd

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 (54) Universal linear buttress retention/release assemblies and methods
 (51) Int. Cl.
 A61B 17/068 (2006.01)
 (31) 16/150,301 (32) 03.10.18 (33) US
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 A61M 5/168 (2006.01)
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 G01F 1/66 (2006.01)

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 (54) De-centralized operational indicator system for a materials handling vehicle
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 B66F 17/00 (2006.01)
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 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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 A61K 31/4745 (2006.01)
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 C12N 15/09 (2006.01)
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 A01D 41/127 (2006.01)
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 A01F 12/44 (2006.01)
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 B62D 25/16 (2006.01)
 B63B 59/02 (2006.01)
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 (74) Patent Attorney Services

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 (54) LIQUID PROTEIN FORMULATIONS CONTAINING ORGANOPHOSPHATES
 (51) Int. Cl.
 C07K 1/14 (2006.01)
 A61K 9/00 (2006.01)
 A61K 9/19 (2006.01)
 A61K 38/00 (2006.01)
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 A61K 47/20 (2006.01)

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 (72) ELOGAB, Hatem
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 (21) 2020202262 (22) 30.03.2020
 (54) METHOD AND SYSTEM FOR REDUCING DRAG IN A VEHICLE
 (51) Int. Cl.
 B62D 35/00 (2006.01)
 B62D 37/02 (2006.01)
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 (72) ELOGAB, Hatem
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(71) ELOGAB, O.
 (11) AU-A-2020202263
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 (54) METHOD AND SYSTEM FOR REDUCING DRAG IN A VEHICLE
 (51) Int. Cl.
 B62D 35/00 (2006.01)
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 (11) AU-A-2020202264
 (21) 2020202264 (22) 30.03.2020
 (54) METHOD AND SYSTEM FOR REDUCING DRAG IN A VEHICLE
 (51) Int. Cl.
B62D 35/00 (2006.01)
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 (51) Int. Cl.
C12H 1/02 (2006.01)
C12G 3/02 (2019.01)
C12H 1/06 (2006.01)
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 (74) A.P.T. Patent and Trade Mark Attorneys

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A61F 9/02 (2006.01)
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G06Q 20/40 (2012.01)
G07F 17/32 (2006.01)
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 16/590,470 02.10.19 US
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F25J 1/00 (2006.01)
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A61M 16/00 (2006.01)
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 (74) Baldwins Intellectual Property

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 (54) Pipe deployment trailer
 (51) Int. Cl.
B60P 3/00 (2006.01)
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B21C 47/24 (2006.01)
B60P 1/44 (2006.01)
B60P 1/64 (2006.01)
B65H 49/30 (2006.01)
B66F 9/06 (2006.01)
B66F 9/12 (2006.01)
B66F 9/18 (2006.01)
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B66F 19/00 (2006.01)
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 (21) 2020202283 (22) 31.03.2020
 (54) Half-moon lifting device
 (51) Int. Cl.
B21C 47/24 (2006.01)
B60P 1/44 (2006.01)
B60P 1/64 (2006.01)
B65H 49/30 (2006.01)
B66F 9/06 (2006.01)
B66F 9/12 (2006.01)
B66F 9/18 (2006.01)
B66F 11/04 (2006.01)
B66F 19/00 (2006.01)

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(71) FlexSteel Pipeline Technologies, Inc.
 (11) AU-A-2020202284
 (21) 2020202284 (22) 31.03.2020
 (54) Half-moon lifting device
 (51) Int. Cl.
B21C 47/24 (2006.01)
B60P 1/44 (2006.01)
B60P 1/64 (2006.01)
B65H 49/30 (2006.01)
B66F 9/06 (2006.01)
B66F 9/12 (2006.01)
B66F 9/18 (2006.01)
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A61K 31/4439 (2006.01)
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E21B 47/00 (2012.01)
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 (54) ATTENUATOR
 (51) Int. Cl.
F04B 11/00 (2006.01)
F16L 55/00 (2006.01)
F16L 55/04 (2006.01)
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C03B 37/025 (2006.01)
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G06Q 10/10 (2012.01)
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 (54) Method and apparatus for processing magnetite
 (51) Int. Cl.
C22B 1/22 (2006.01)
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 (54) Method and apparatus for processing magnetite
 (51) Int. Cl.
C22B 1/22 (2006.01)
B02C 21/00 (2006.01)
B02C 23/08 (2006.01)
B03B 9/00 (2006.01)
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 2019902399 05.07.19 AU
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 (74) Davies Collison Cave Pty Ltd

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 (54) METHOD AND APPARATUS FOR PROCESSING MAGNETITE
 (51) Int. Cl.
C22B 1/22 (2006.01)
B01D 21/00 (2006.01)
B02C 23/08 (2006.01)
B03B 7/00 (2006.01)
B03B 9/00 (2006.01)
B03B 11/00 (2006.01)
B03D 3/00 (2006.01)
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 (54) Method and apparatus for processing magnetite
 (51) Int. Cl.
B03C 1/10 (2006.01)
C02F 1/48 (2006.01)
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 2019902401 05.07.19 AU
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(71) ICU Medical, Inc
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G16H 20/17 (2018.01)

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 (54) Systems And Methods Using Magnetically-Responsive Sensors For Determining A Genetic Characteristic
 (51) Int. Cl.
C12Q 1/68 (2006.01)
G01N 27/00 (2006.01)
G01N 33/543 (2006.01)
G01R 33/09 (2006.01)
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 (54) LOWER LIMB LOADING ASSESSMENT SYSTEMS AND METHODS
 (51) Int. Cl.
A61B 5/11 (2006.01)
G01P 15/00 (2006.01)
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 (74) AJ PARK

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 (54) Power management method
 (51) Int. Cl.
H02J 3/32 (2006.01)
H02J 3/38 (2006.01)
H02J 7/00 (2006.01)
H02J 7/34 (2006.01)
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 (54) Notifications on mobile devices
 (51) Int. Cl.
H04W 4/02 (2009.01)
H04N 21/258 (2011.01)
H04W 4/20 (2009.01)

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 (72) PETANDER, Lars Henrik; OTT, Maximilian
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 (51) Int. Cl.
A61K 48/00 (2006.01)
C07H 21/04 (2006.01)
C12N 15/11 (2006.01)
- (43) 23.04.2020
 (62) 2018211325
 (72) Alexander, Veronica J.; Viney, Nicholas J.; Witztum, Joseph L.
 (74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd
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- (71) Ionis Pharmaceuticals, Inc.; University of Rochester
 (11) AU-A-2020202315
 (21) 2020202315 (22) 01.04.2020
 (54) MODULATION OF DYSTROPHIA MYOTONICA-PROTEIN KINASE (DMPK) EXPRESSION
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C12N 15/113 (2010.01)
A61K 31/7088 (2006.01)
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- (71) Ironwood Pharmaceuticals, Inc.; Forest Laboratories Holdings Limited
 (11) AU-A-2020202319
 (21) 2020202319 (22) 01.04.2020
 (54) Delayed release compositions of linaclotide
 (51) Int. Cl.
A61K 9/16 (2006.01)
A61K 9/20 (2006.01)
A61K 9/28 (2006.01)
A61K 9/48 (2006.01)
A61K 9/50 (2006.01)
A61K 38/10 (2006.01)
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 (54) BAG-MAKING AND PACKAGING MACHINE
 (51) Int. Cl.
B65B 41/16 (2006.01)
- (31) 2018-189570 (32) 04.10.18 (33) JP
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 (11) AU-A-2020202288
 (21) 2020202288 (22) 31.03.2020
 (54) System for anti-biofouling
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B60J 3/00 (2006.01)
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- . (*) Title not in Roman characters
 - . (**) Title not given
- (This list may contain multiple listings of a patent where there are multiple patentees for that patent.)

<hr/> <p>Abernethy Healthy Lifestyle Association Incorporated see Cripps Clark, J. (21) 2020100425</p> <hr/> <p>Aristocrat Technologies, Inc. see Aristocrat Technologies Australia Pty Limited (21) 2020100431</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited; Aristocrat Technologies, Inc. (11) AU-A-2020100431 (21) 2020100431 (22) 20.03.2020 (54) AN GRAPHICAL USER INTERFACE PROVIDING SIMPLIFIED DISPLAY OF GAME EVENTS (51) Int. Cl. G07F 17/32 (2006.01) (45) 23.04.2020 (72) MATOS, Joshua; LOADER, James; VISSER, Antoon; KENDALL, Karen (74) Griffith Hack</p> <hr/> <p>(71) Beaton, A. (11) AU-A-2020100310 (21) 2020100310 (22) 03.03.2020 (54) Building Sheet Support (51) Int. Cl. E04G 21/16 (2006.01) (45) 23.04.2020 (72) Beaton, Andrew (74) Sandercock & Cowie</p> <hr/> <p>(71) Beiren Intelligent Equipment Technology Co., Ltd. (11) AU-A-2020100363 (21) 2020100363 (22) 11.03.2020 (54) ZERO-POSITION PRECISE LOCATION DEVICE FOR DIAGONAL PLATE ADJUSTMENT (51) Int. Cl. B41F 13/36 (2006.01) B41F 13/14 (2006.01) B41F 13/28 (2006.01) (45) 23.04.2020 (72) TIAN, Cundi; WU, Bin; WANG, Hongmin; ZHANG, Yue; SUN, Tiejun (74) Atkinson IP</p> <hr/> <p>(71) Beiren Intelligent Equipment Technology Co., Ltd. (11) AU-A-2020100364 (21) 2020100364 (22) 11.03.2020 (54) PAPER JAM DETECTION DEVICE FOR PRINTERS (51) Int. Cl. B65H 7/06 (2006.01)</p>	<p>B65H 7/14 (2006.01) B65H 43/06 (2006.01) B65H 43/08 (2006.01) (45) 23.04.2020 (72) LI, Ruixin; ZHAO, Aiping; CAO, Daguang (74) Atkinson IP</p> <hr/> <p>(71) BISSELL Inc. (11) AU-A-2020100432 (21) 2020100432 (22) 20.03.2020 (54) Surface cleaning apparatus with two-stage collection (51) Int. Cl. A47L 11/30 (2006.01) A47L 5/30 (2006.01) A47L 11/34 (2006.01) A47L 11/40 (2006.01) (31) 62/825,079 (32) 28.03.19 (33) US (45) 23.04.2020 (72) JOHNSON, Steven M.; SCHOLTEN, Jeffrey A. (74) Griffith Hack</p> <hr/> <p>(71) Cripps Clark, J.; Abernethy Healthy Lifestyle Association Incorporated (11) AU-A-2020100425 (21) 2020100425 (22) 19.03.2020 (54) SafeEShare - Devices assemble data records, from private and/or possibly sensitive sources, of type or types that may be useful for sharing in varying degrees with other interests that the owner hopefully recognizes operate with interests different and possibly even in conflict with his/her own. (51) Int. Cl. G16H 10/00 (2018.01) G06F 21/60 (2013.01) (45) 23.04.2020 (72) Cripps Clark, Julianne Mary (74) Julianne Mary Cripps Clark</p> <hr/> <p>(71) Dura Composites Limited (11) AU-A-2020100409 (21) 2020100409 (22) 18.03.2020 (54) STRUCTURAL GRATING (51) Int. Cl. E04C 2/42 (2006.01) (31) GB 1903941.1 (32) 22.03.19 (33) GB (45) 23.04.2020 (72) BOWMAN, Thomas James (74) Burns IP & Commercial Pty Ltd</p> <hr/> <p>(71) Fitbeat Australia Pty Ltd (11) AU-A-2020100397 (21) 2020100397 (22) 16.03.2020 (54) SYSTEMS AND METHODS FOR DELIVERING A PERSONALISED DOSE OF EXERCISE (51) Int. Cl.</p>	<p>G06Q 50/10 (2012.01) (31) 2019900855 (32) 15.03.19 (33) AU (45) 23.04.2020 (72) Kunitz, Michael Vernon (74) LEGALVISION ILP PTY. LTD.</p> <hr/> <p>(71) GeoTrek Pty Ltd (11) AU-A-2020100407 (21) 2020100407 (22) 18.03.2020 (54) Hard Shell Camper Trailer (51) Int. Cl. B60P 3/34 (2006.01) (31) 2019900921 (32) 20.03.19 (33) AU (45) 23.04.2020 (72) Dannock, Stephen (74) Dennemeyer & Associates</p> <hr/> <p>(71) Golden Bear Enterprises Pty Ltd (11) AU-A-2020100370 (21) 2020100370 (22) 11.03.2020 (54) Refrigerator (51) Int. Cl. F25D 23/12 (2006.01) E05B 65/00 (2006.01) E05G 1/00 (2006.01) (45) 23.04.2020 (72) Allan, Cory (74) Griffith Hack</p> <hr/> <p>(71) Haddock, D.; Lucas, M. (11) AU-A-2020100375 (21) 2020100375 (22) 12.03.2020 (54) SECURE LIST PROVISION AND ACCESS (51) Int. Cl. H04L 9/32 (2006.01) G07F 17/32 (2006.01) (45) 23.04.2020 (62) 2019100544 (72) Haddock, Daniel; Lucas, Mitchell (74) Griffith Hack</p> <hr/> <p>(71) Hansen Price Pty Ltd (11) AU-A-2020100311 (21) 2020100311 (22) 03.03.2020 (54) Collapsible Mast (51) Int. Cl. E04H 12/18 (2006.01) E04H 12/08 (2006.01) F21V 21/00 (2006.01) H01Q 1/12 (2006.01) (31) 2019900718 (32) 05.03.19 (33) AU (45) 23.04.2020 (72) HANSEN, Michael (74) Griffith Hack</p>
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A63B 21/078 (2006.01)
A63B 71/00 (2006.01)
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 (21) 2020100401 (22) 17.03.2020
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 F21V 29/67 (2015.01)
 A61L 2/10 (2006.01)
 C12M 3/00 (2006.01)
 G01N 21/00 (2006.01)
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 (74) AJ Pietras IP Limited

(71) Stockholm Precision Tools S.L
 (11) AU-A-2020100412
 (21) 2020100412 (22) 18.03.2020
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 (21) 2020100400 (22) 16.03.2020
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 A61P 31/16 (2006.01)
 G06Q 10/06 (2012.01)
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 (72) Thompson, Edgar Geoffrey
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 (11) AU-A-2020100422
 (21) 2020100422 (22) 19.03.2020
 (54) A rapidly replaceable self adhesive wear liner or impact resistant cladding
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 B65G 11/16 (2006.01)
 F41H 5/02 (2006.01)
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 (74) IP SOLVED (ANZ) PTY. LTD.

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 (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD

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- . (**) Title not given

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device and terminal device
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A61K 45/06 (2006.01)
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A61K 31/165 (2006.01)
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E05D 7/04 (2006.01)
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E05F 1/10 (2006.01)
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E05D 3/16 (2006.01)
E05D 15/40 (2006.01)
E05F 1/10 (2006.01)
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G01N 25/20 (2006.01)
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B23K 35/02 (2006.01)
F16B 43/00 (2006.01)
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H04W 74/08 (2009.01)
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 (51) Int. Cl.
B01D 45/12 (2006.01)
B64D 33/02 (2006.01)
F02C 7/055 (2006.01)
F03B 3/04 (2006.01)
F03B 3/18 (2006.01)
F03B 11/02 (2006.01)
F03B 13/10 (2006.01)
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 netite
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 C22B 1/22 (2006.01)
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 (51) Int. Cl.
 C22B 1/22 (2006.01)
 B02C 21/00 (2006.01)
 B02C 23/08 (2006.01)
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 (54) METHOD AND APPARATUS FOR PRO-
 CESSING MAGNETITE
 (51) Int. Cl.
 C22B 1/22 (2006.01)
 B01D 21/00 (2006.01)
 B02C 23/08 (2006.01)
 B03B 7/00 (2006.01)
 B03B 9/00 (2006.01)
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 positions and methods of use thereof
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 C07K 16/28 (2006.01)
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 A61P 13/12 (2006.01)
 C07C 237/06 (2006.01)
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 C07K 16/44 (2006.01)
 C12M 1/34 (2006.01)
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 C07K 14/82 (2006.01)
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 GARAYOA, Mercedes
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 (54) Composition for preventing or treating
 TNF-related diseases, containing novel de-
 rivative as active ingredient, and method for
 inhibiting TNF activity by using same
 (51) Int. Cl.
 C07D 311/22 (2006.01)

A23L 33/10 (2016.01)
 A61K 31/353 (2006.01)
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C22B 3/26 (2006.01)
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A47L 15/42 (2006.01)
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A47L 15/42 (2006.01)

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G16H 50/20 (2018.01)
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B01J 19/00 (2006.01)
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C10G 15/08 (2006.01)
F16L 53/34 (2018.01)
F17D 1/18 (2006.01)
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F41J 2/02 (2006.01)
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C09D 103/02 (2006.01)
A01C 1/06 (2006.01)
C09D 5/16 (2006.01)
C09D 7/40 (2018.01)
C09D 103/04 (2006.01)
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B65D 47/06 (2006.01)

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E01B 3/44 (2006.01)
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C07K 14/705 (2006.01)
G01N 33/574 (2006.01)
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B01L 7/00 (2006.01)
C12M 1/34 (2006.01)
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G01N 1/28 (2006.01)
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H04W 4/33 (2018.01)
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C07D 401/14 (2006.01)
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B65D 81/00 (2006.01)
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B65D 81/26 (2006.01)
C01D 3/06 (2006.01)
C01D 3/22 (2006.01)
C07C 273/00 (2006.01)
C07C 273/02 (2006.01)
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F21S 45/50 (2018.01)
B60Q 1/26 (2006.01)
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F21V 15/01 (2006.01)
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C07K 14/54 (2006.01)
A61K 38/00 (2006.01)
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C12N 15/24 (2006.01)
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F15B 11/02 (2006.01)
E02F 9/22 (2006.01)
F15B 11/00 (2006.01)
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A45C 11/20 (2006.01)
A45F 3/04 (2006.01)
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 H02S 40/32 (2014.01)
 G09F 13/02 (2006.01)
 G09F 15/00 (2006.01)
 G09F 27/00 (2006.01)
 H02J 7/00 (2006.01)
 H02S 10/40 (2014.01)
 H02S 20/20 (2014.01)
 H02S 30/10 (2014.01)
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 A61K 35/74 (2015.01)
 C07K 14/195 (2006.01)
 C12N 9/06 (2006.01)
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 62/558,346 13.09.17 US
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 G05B 15/02 (2006.01)
 B01D 5/00 (2006.01)
 B60H 1/00 (2006.01)
 E03B 3/28 (2006.01)
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2017432648	Essity Hygiene and Health Aktiebolag	2018329850	Bristol-Myers Squibb Company
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2017434616	Beijing Geekplus Technology Co., Ltd.	2018329952	PayPal, Inc.
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2017435343	GCP Applied Technologies Inc.	2018330128	LG Electronics Inc.
2017435381	Deakin University	2018330129	LG Electronics Inc.
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2017437705	Electrolux Appliances Aktiebolag	2018330796	Sanguino Ortiz, E.
2017439314	Mitsubishi Electric Corporation	2018330834	Dermitzakis, E.; Dermitzakis, A.
2017439370	Micro Motion, Inc.	2018331383	Arrowhead Pharmaceuticals, Inc.
2017439568	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2018331411	Ashera Holdings LLC
2017439697	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	2018331432	Source Digital, Inc.
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2017444627	Halliburton Energy Services, Inc.	2018332146	Atrogi AB
2017445584	Guangzhou RiboBio Co., Ltd.	2018332171	IP2IPO Innovations Limited
2018323875	GPB Scientific, LLC; The Trustees of Princeton University; University of Maryland, Baltimore	2018332501	Atrogi AB
2018325468	Powercast Corporation	2018332512	ABBVIE S.À.R.L.; Galapagos NV
2018325823	Kabushiki Kaisha EarthTechnica	2018332524	Euromed S.A.
2018326105	LG Electronics Inc.	2018332986	ZBiotics Company
2018326111	LG Electronics Inc.	2018333111	RAI Strategic Holdings, Inc.
2018326171	The Regents of The University of California	2018333274	Garvan Institute of Medical Research; Amelgo LLC
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2018326801	Put Corp.	2018333285	Commonwealth Scientific and Industrial Research Organisation
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2018327277	Studeo Realty Marketing Inc.	2018333843	Y Outdoor Pty Ltd
2018327287	Niantic, Inc.	2018333913	Daiichi Sankyo Company, Limited
2018327318	SymbioCellTech, LLC	2018334152	Ardea Biosciences, Inc.
2018327341	Memorial Sloan-Kettering Cancer Center	2018334191	W. L. Gore & Associates, Inc.
2018327687	VIB vzw; Universiteit Gent	2018334252	Psomagen, Inc.
2018327852	Tachikawa Corporation	2018334539	John Mezzalingua Associates, LLC
2018327937	LG Electronics Inc.	2018335209	I4F Licensing NV
2018328057	IDP Discovery Pharma, S.L.	2018335223	HiFiBiO SAS
2018328102	ExsoMed Corporation	2018335246	Sestec Innovations Sp. z o.o.
2018328202	Shaw Industries Group, Inc.	2018335837	Pfizer Inc.; INSERM (Institut National de la Sante et de la Recherche Medicale); Université Côté d'Azur; Centre national Recherche Scientifique
2018328208	Torque Therapeutics, Inc.	2018335841	Carrick Therapeutics Limited; Cancer Research Technology Limited; IP2IPO Innovations Limited
2018328209	Torque Therapeutics, Inc.	2018336039	Deb IP Limited
2018328220	Gritstone Oncology, Inc.	2018336042	Oxford Genetics Limited
2018328266	Vertiv Corporation	2018336098	Euromed, S.A.
2018328291	Maverick Therapeutics, Inc.	2018336731	Huawei Technologies Co., Ltd
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2018328750	Smith, V.	2018336785	Regeneron Pharmaceuticals, Inc.
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2018329025	Shanghai Green Valley Pharmaceutical Co., Ltd.; Soochow University		
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2018337073	Solar Pile International (HK) Ltd	2018346162	Itron Networked Solutions, Inc.
2018337451	Suntory Holdings Limited	2018346255	Seres Therapeutics, Inc.
2018337453	Suntory Holdings Limited	2018346264	Merck Patent GmbH
2018337454	Suntory Holdings Limited	2018346295	Unisensor
2018337795	Papeterie Zuber Rieder	2018346310	Fluidmaster, Inc.
2018337837	Lyndra, Inc.	2018346321	InterDigital VC Holdings, Inc.
2018338060	Art Medical Ltd.	2018346409	Becton Dickinson and Company
2018338344	Hendrickson Usa, L.L.C.	2018346481	Roquette Freres
2018338636	ArchForm Inc.	2018346507	Avidity Biosciences, Inc.
2018338692	BD Kiestra B.V.	2018346511	NantCell, Inc.
2018338745	Nutreco IP Assets B.V.	2018346569	DiagDev
2018338774	Fronius International GmbH	2018346616	Athenex HK Innovative Limited; Lau, J.
2018338915	Intellia Therapeutics, Inc.	2018346620	Selux Diagnostics, Inc.
2018339076	XSB, Inc.	2018346644	Davidson, A.
2018339524	Equifax Inc.; BANASZAK, M.; PESTANA, T.	2018346659	Petróleo Brasileiro S.A. - Petrobras
2018339722	Shanghai Haihe Pharmaceutical Co., Ltd.; Shanghai Institute of Materia Medica, Chinese Academy of Sciences	2018346682	Hexion Inc.
2018340397	Probiodrug AG	2018346688	Tesaro, Inc.
2018340475	Nanjing Transthera Biosciences Co., Ltd.	2018346698	Advanced Solutions Life Sciences, LLC
2018340618	Huawei Technologies Co., Ltd.	2018346719	Oslo Universitetssykehus HF
2018340729	Huawei Technologies Co., Ltd.	2018346938	The Board of Trustees of the Leland Stanford Junior University
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2018341091	GW Research Limited	2018346957	Board of Regents, The University of Texas System
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2018341985	The Board of Trustees of the University of Illinois	2018347339	Kodak Alaris Inc.
2018342471	Incyte Corporation	2018347349	Biogen Inc.
2018342595	MUSC Foundation for Research Development	2018347352	Extreme Technologies, LLC
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2018342607	SIPPA Solutions, LLC	2018347406	Seattle Genetics, Inc.
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2018343310	Victoria Link Limited	2018347472	Auris Health, Inc.
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2018344665	Yanmar Co., Ltd.	2018347870	Massachusetts Institute of Technology
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2018344767	Monash University	2018347941	Becton, Dickinson and Company
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2018345163	TGR Construction, Inc.	2018348027	Microban Products Company
2018345315	Imperative Execution Inc.	2018348028	Profile Products L.L.C.
2018345375	Buck Institute for Research on Aging	2018348049	ABU-IZZAH, K.; PEARSON, D.; KENNEDY, L.; BENSON, J.
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2018351308	GlaxoSmithKline Biologicals SA	2018356571	BASF SE
2018351349	IDEXX Laboratories, Inc.	2018356572	Epiontis GmbH
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2018351472	Grimme Landmaschinenfabrik GmbH & Co. KG	2018356889	Yoshino Gypsum Co., Ltd.
2018351603	Katholieke Universiteit Leuven; The Studiecentrum Voor Kernenergie	2018356925	Merxin Ltd
2018351611	Construction Research & Technology GmbH	2018356945	Coopervision International Holding Company, LP
2018351649	Dicerna Pharmaceuticals, Inc	2018356965	Kawasaki Jukogyo Kabushiki Kaisha
2018351749	Incus Technology, S.L.	2018356966	Kawasaki Jukogyo Kabushiki Kaisha
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2018351962	Apple Inc.	2018357870	Ab Initio Technology LLC
2018351990	Citrix Systems, Inc.	2018357874	Ingram Micro, Inc.
2018352152	Checkmate Lifting & Safety Ltd	2018357912	Janssen Vaccines & Prevention B.V.
2018352153	Brain, A.	2018357950	Q.E.D. Environmental Systems, Inc.
2018352234	Regeneron Pharmaceuticals, Inc.	2018358019	Nouscom AG
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2018352382	Dana-Farber Cancer Institute, Inc.	2018358883	F. Hoffmann-La Roche AG
2018352478	NewSouth Innovations Pty Limited; The University of Sydney	2018359219	Sanofi Biotechnology; Regeneron Pharmaceuticals, Inc.
2018352528	Gas Technology Institute; Board of Regents, The Univ. of Texas System	2018359378	Ab Initio Technology LLC
2018352596	Smart Nanos, LLC	2018359380	Ab Initio Technology LLC
2018352618	Huawei Technologies Co., Ltd.	2018359385	Ab Initio Technology LLC
2018352828	Vanderbilt University	2018359421	GOJO Industries, Inc.
2018352907	Mitsubishi Heavy Industries Thermal Systems, Ltd.	2018359494	Janssen Vaccines & Prevention B.V.
2018352983	ConocoPhillips Company	2018359506	F. Hoffmann-La Roche AG
2018353012	Casebia Therapeutics Limited Liability Partnership	2018359532	Allogene Therapeutics, Inc.
2018353104	Maersk Drilling A/S	2018359609	F. Hoffmann-La Roche AG
		2018359898	Abiomed, Inc.
		2018359967	Genentech, Inc.
		2018360253	Janssen Vaccines & Prevention B.V.
		2018360256	Societe des Produits Nestle S.A.
		2018360287	Dietrich, D.
		2018360298	Pierre Fabre Medicament
		2018360311	Bio-Change Ltd.

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2018360388	Braun GmbH	2018385551	ArcelorMittal
2018360435	Unicharm Corporation	2018386790	Shanghai Cloudpick Smart Technology Co., Ltd.
2018360478	Eli Lilly And Company	2018388155	Qingdao Haier Co., Ltd.
2018360620	Murdoch Childrens Research Institute	2018388156	Qingdao Haier Co., Ltd.
2018361217	Merck Sharp & Dohme Corp.	2018389610	YETI Coolers, LLC
2018361545	Imertech SAS	2018389705	ArcelorMittal
2018361741	Braun GmbH	2018390895	Element Six (UK) Limited; Element Six GmbH
2018361822	Aircraft Medical Limited	2018391780	Boehringer Ingelheim International GmbH
2018361942	Alcon Inc.	2018392216	ArcelorMittal
2018361957	Staten Biotechnology B.V.	2018396084	Thales
2018362008	Alios BioPharma, Inc.	2018396288	Jiangsu Goldwind Science & Technology Co., Ltd.
2018362234	Rutgers, The State University of New Jersey	2018397331	Thales
2018363192	Carl Freudenberg KG	2018405512	Garland Commercial Industries, LLC
2018363687	Tchibo GmbH	2018406682	Minoan Medical (Pty) Limited
2018363696	Bayer Animal Health GmbH; The Kitasato Institute	2018409644	Chengdu Yefan Science and Technology Co., Ltd.
2018363712	HemoCue AB	2018420069	Trustees of Tufts College
2018363719	CE+T Power Luxembourg SA	2018420472	China University of Mining and Technology; Xuzhou Olivine Geoscience & Geotech Co., Ltd; China University of Petroleum, East China; Anhui University of Science and Technology; Wuhan Institute of Technology
2018364352	Hettich-ONI GmbH & Co. KG	2018420473	China University of Mining and Technology; Xuzhou Olivine Geoscience & Geotech Co., Ltd; China University of Petroleum, East China; Anhui University of Science and Technology; Wuhan Institute of Technology
2018364353	Hettich-ONI GmbH & Co. KG	2018428522	Qingdao Haier Co., Ltd.
2018364661	Hydrokinetic Energy Corp	2018428523	Qingdao Haier Co., Ltd.
2018364963	MTD Products Inc	2018432186	Mayekawa MFG. Co., Ltd.
2018364987	The Regents of the University of California	2019209426	TaiGen Biotechnology Co., Ltd.
2018366047	GLAZER, S.	2019211190	Ipsen Biopharm Limited
2018366053	The Regents of the University of California	2019228798	Komatsu Ltd.
2018366122	NGM Biopharmaceuticals, Inc.	2019229919	PT. Audemars Indonesia
2018366265	Rhodia Operations	2019230492	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
2018366268	Rhodia Operations	2019235349	Railnova SA
2018366370	Mayborn (UK) Limited	2019239730	Chen, L.
2018366480	Grifols Diagnostic Solutions Inc.	2019259069	China University of Mining and Technology; Jiangsu Gaoshenghuayu Power Equipment Manufacturing Co., Ltd.; Shanxi Lu'an Environmental Energy Development Co., Ltd.; Shandong Lutai Holding Group Co., Ltd.
2018366927	Casale SA	2019272610	DEHN SE + Co KG
2018367015	BASF SE	2019288847	Orgalife Nutrition Science Company Limited
2018367067	Starsprings AB	2019308597	IB Operations Pty Ltd
2018367291	Abloy Oy	2019312556	IB Operations Pty Ltd
2018367384	Weatherford Technology Holdings, LLC	2019312557	IB Operations Pty Ltd
2018367474	Qualcomm Incorporated	2019312558	IB Operations Pty Ltd
2018367818	Telefonaktiebolaget LM Ericsson (publ)	2019330680	RemeGen, Ltd
2018368332	Merck Sharp & Dohme Corp.	2019337115	Jubilant Generics Limited
2018368947	Rhodia Operations		
2018369153	Shanghai Covapor Energy Technology Co., Ltd		
2018369639	Arcellx, Inc.		
2018369968	ArcelorMittal		
2018370116	Alcyone LifeSciences, Inc.		
2018370380	Healy, D.		
2018371863	Bardex Corporation		
2018372264	Omori Machinery Co.,Ltd		
2018372420	Samsung Electronics Co., Ltd.		
2018372924	Hillstream BioPharma Inc.		
2018373546	Hilti Aktiengesellschaft		
2018373559	British American Tobacco (Investments) Limited		
2018374039	IQM Finland Oy		
2018374406	Rennsteig Werkzeuge GmbH		
2018374516	Societe des Produits Nestle S.A.		
2018374621	Alcon Inc.		
2018374762	Appextremes, LLC		
2018375796	Regeneron Pharmaceuticals, Inc.		
2018376560	Societe des Produits Nestle S.A.		
2018376566	BIT Pharma GmbH		
2018376804	British American Tobacco (Investments) Limited		
2018377993	Janssen Sciences Ireland Unlimited Company		
2018378321	4C Medical Technologies, Inc.		
2018379230	Janssen Sciences Ireland Unlimited Company		
2018379381	DISMOV PTY LTD		
2018381316	Regeneron Pharmaceuticals, Inc.		
2018383035	Universite de Strasbourg; INSERM (Institut National de la Santé et de la Recherche Médicale)		
2018383336	Halliburton Energy Services, Inc.		
2018383444	Medtronic Minimed, Inc.		
2018383633	Dana-Farber Cancer Institute, Inc.		
2018383962	Dräger Safety AG & Co. KGaA		
2018384025	Alcon Inc.		
2018384035	Alcon Inc.		
2018385484	Alcon Inc.		

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<u>A01B 61 /-</u>	<u>A01N 55 /-</u>	<u>A23L 33 /-</u>	<u>A47C 27 /-</u>	2018370116	2018342595
2018345735	2018348027	2018344460	2018367067	<u>A61B 18 /-</u>	2018353184
<u>A01B 79 /-</u>	<u>A01N 59 /-</u>	2018346481	<u>A47D 1 /-</u>	2018352315	2018357200
2018345735	2018331926	2018353722	2018349196	<u>A61B 3 /-</u>	2018361942
<u>A01C 1 /-</u>	2018348027	2018356571	<u>A47D 13 /-</u>	2018374621	<u>A61F 5 /-</u>
2018368947	2018348027	2018374516	2018344763	2018384025	2018333837
<u>A01C 5 /-</u>	<u>A01N 63 /-</u>	2018376560	<u>A47D 9 /-</u>	2018384035	<u>A61F 9 /-</u>
2018345735	2018327318	2019288847	2018349196	2018344193	2018349274
<u>A01C 7 /-</u>	<u>A21D 2 /-</u>	<u>A23P 20 /-</u>	<u>A47F 3 /-</u>	2018347472	2018353144
2018345735	2018356571	2018328750	2018348735	2018347473	2018384035
<u>A01D 17 /-</u>	<u>A22C 21 /-</u>	2018344460	<u>A47G 19 /-</u>	2018347893	2018385484
2018351472	2018432186	<u>A23P 30 /-</u>	<u>A47J 27 /-</u>	<u>A61B 5 /-</u>	<u>A61H 23 /-</u>
<u>A01G 31 /-</u>	<u>A23F 3 /-</u>	2018405512	2018366370	2017415626	2018347870
2018348028	2018330042	<u>A24B 15 /-</u>	<u>A47J 31 /-</u>	2017430855	<u>A61J 1 /-</u>
<u>A01G 7 /-</u>	<u>A23F 5 /-</u>	2018333111	2018405512	2018329858	2018347941
2018329245	2018330042	<u>A24D 1 /-</u>	<u>A47J 31 /-</u>	2018336039	2018349426
<u>A01G 9 /-</u>	2018379381	<u>A24D 3 /-</u>	2018330042	2018336787	<u>A61J 3 /-</u>
2018348028	2018328750	2018344403	2018360256	2018338060	2018337837
<u>A01H 5 /-</u>	<u>A23G 9 /-</u>	<u>A24F 1 /-</u>	2018379381	2018346995	<u>A61J 9 /-</u>
2018345673	2018350144	<u>A24F 47 /-</u>	<u>A47J 37 /-</u>	2018347773	2018348027
<u>A01H 6 /-</u>	<u>A23J 1 /-</u>	2018347774	2018405512	2018354120	<u>A61K 31 /-</u>
2018329245	2018346481	<u>A24F 47 /-</u>	<u>A47J 41 /-</u>	2018378321	2018328532
2018347858	2018356571	<u>A41D 1 /-</u>	<u>A47J 44 /-</u>	2018383444	2018329190
<u>A01J 5 /-</u>	<u>A23K 10 /-</u>	2018344763	<u>A47K 5 /-</u>	<u>A61B 6 /-</u>	2018329823
2018355002	2018329245	<u>A42B 1 /-</u>	2017432648	2018346938	2018330188
<u>A01K 67 /-</u>	2018338745	2018329567	2018359421	2018347464	2018331383
2018375796	<u>A23K 40 /-</u>	<u>A45C 11 /-</u>	<u>A47L 13 /-</u>	<u>A61B 8 /-</u>	2018332146
2018381316	2018338745	2018389610	2018363192	2018328799	2018332501
<u>A01K 7 /-</u>	<u>A23K 50 /-</u>	<u>A45F 3 /-</u>	<u>A47L 15 /-</u>	2018347773	2018332512
2018337067	2018338745	2018346644	2017437705	<u>A61B 90 /-</u>	2018333274
<u>A01N 25 /-</u>	<u>A23L 2 /-</u>	2018389610	2018326105	2018329656	2018333913
2018330519	2018337451	<u>A46B 13 /-</u>	2018326111	2018347472	2018334152
2018331926	2018337453	2018361741	<u>A61B 1 /-</u>	2018348194	2018337837
2018348027	2018337454	<u>A46B 15 /-</u>	2018349792	2018352315	2018338915
2018366265	<u>A23L 29 /-</u>	2018361741	2018361822	2018384025	2018339722
2018366268	2018344460	<u>A46B 9 /-</u>	2018328102	<u>A61C 13 /-</u>	2018340397
2018367015	<u>A23L 3 /-</u>	2018360388	2018329656	2018341091	2018340475
<u>A01N 43 /-</u>	2018351749	2018349792	2018348426	2018341454	2018341084
2018344370		2018352315	2018349792	2018341571	2018341091
2018363696			2018352315	2018342471	2018341454
				2018341571	2018341571
				2018342471	2018342471
				2018342751	2018342751
				2018344902	2018344902
				2018345375	2018345375
				2018345673	2018345673
				2018345844	2018345844
				2018346507	2018346507
				2018346616	2018346616
				2018347307	2018347307
				2018347460	2018347460
				2018347527	2018347527
				2018347783	2018347783
				2018348049	2018348049
				2018348174	2018348174
				2018349293	2018349293
				2018349426	2018349426

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2018350846	2018358138	2018376566		<u>A61P 29 /-</u>	2018333913
2018351059	2018359219		<u>A61M 5 /-</u>		2018347783
2018351400	2018359494	<u>A61L 15 /-</u>		2018333913	2018354785
2018351649	2018359506		2018347573	2018334152	
2018353107	2018361217	2018349776	2018370116	2018345844	<u>A61Q 9 /-</u>
2018353722	2018361957			2018348049	
2018354318	2018362008	<u>A61L 2 /-</u>	<u>A61N 1 /-</u>	2018353107	2018345463
2018354785	2018366122				
2018354969	2018366480	2018348194	2018347366	<u>A61P 3 /-</u>	<u>A62B 35 /-</u>
2018355487	2019211190		2018348807		
2018358237	2019239730	<u>A61L 26 /-</u>		2017445584	2018352152
2018359532			<u>A61N 5 /-</u>	2018331383	
2018360298	<u>A61K 45 /-</u>	2018349776		2018332146	<u>A62B 7 /-</u>
2018360478			2018347366	2018332501	
2018366047	2018334152	<u>A61L 27 /-</u>	2018347870	2018333913	2018383962
2018368332	2018341091			2018335837	
2018374516	2018341571	2018344126	<u>A61P 1 /-</u>		<u>A63F 13 /-</u>
2018376560	2018345375	2018345844		<u>A61P 31 /-</u>	2018327287
2018377993	2018346688	2018360311	2018329850		2018345686
2018379230	2018348198	<u>A61M 1 /-</u>	2018333913	2018333913	
	2018348214		2018351649	2018344902	
<u>A61K 33 /-</u>	2018353722	2017437176	2018383035	2018351400	<u>A63G 27 /-</u>
	2018354189	2018345627		2018351649	2018355629
2018374516	2018363696	<u>A61M 11 /-</u>	<u>A61P 11 /-</u>	2018368332	
2018376560	2018366047			2018377993	<u>A63G 31 /-</u>
		2018347774	2018332512	2018379230	
<u>A61K 35 /-</u>	<u>A61K 47 /-</u>	2018347970	2018333913		2018355629
		2018391780	2018348138	<u>A61P 35 /-</u>	
2018323875	2018328208		2018359219		<u>A63G 7 /-</u>
2018327318	2018328209	<u>A61M 13 /-</u>	2018379230	2018323875	2018330118
2018328220	2018328847			2018327687	
2018332986	2018346264	<u>A61M 15 /-</u>	<u>A61P 13 /-</u>	2018328291	
2018346255	2018346616	2018406682		2018330188	<u>A63G 9 /-</u>
2018353112	2018346969		2018351349	2018339722	
2018354189	2018347406	<u>A61M 15 /-</u>	2018351956	2018341454	2018355629
2018360620	2018347527			2018341571	
2018369639	2018354189	2018347774	<u>A61P 15 /-</u>	2018342471	<u>B01D 1 /-</u>
	2018362008	2018347970		2018344475	
<u>A61K 36 /-</u>	2019330680	2018356925	2018333274	2018346688	2018330834
		2018391780		2018346969	
2018332524	<u>A61K 48 /-</u>	<u>A61M 16 /-</u>	<u>A61P 17 /-</u>	2018347406	<u>B01D 11 /-</u>
2018336098				2018348049	2018351603
2018358237	2017445584	2018338060	2018333913	2018353432	
	2018327224	2018361822	<u>A61P 19 /-</u>	2018358019	<u>B01D 21 /-</u>
<u>A61K 38 /-</u>	2018331383	2018383962		2018366047	
	2018346511	2018391780	2018333913	2018368332	2019312557
2018327687	2019239730	2018406682	2018360478	2019330680	
2018328057		<u>A61M 21 /-</u>	<u>A61P 17 /-</u>		<u>B01D 3 /-</u>
2018328532	<u>A61K 51 /-</u>			<u>A61P 37 /-</u>	
2018329850		2018347366	<u>A61P 21 /-</u>	2018331725	2018330834
2018330444	2018346264	2018347870		2018333913	<u>B01D 33 /-</u>
2018333274	2018351603		<u>A61P 23 /-</u>	2018355487	
2018335837	2018354189	<u>A61M 25 /-</u>		2018360478	2018327318
2018344475	2019337115		2018345844	2018368332	
2018346719		2018347941	<u>A61P 25 /-</u>		<u>B01D 45 /-</u>
2018348138	<u>A61K 6 /-</u>	2018359898		<u>A61P 43 /-</u>	2018364661
2018363696		2018370116	2018333913	2018333913	
2018369639	2018352478	2018406682	2018340397	2018347460	<u>B01D 5 /-</u>
2018383035	<u>A61K 9 /-</u>	<u>A61M 29 /-</u>	2018340475	2018374516	
2018383633			2018341091	2018376560	2018329665
	2018327318	2018406682	2018345844		2018331411
<u>A61K 39 /-</u>	2018328532		2018348049	<u>A61P 5 /-</u>	
	2018337837	<u>A61M 37 /-</u>	2018354969		<u>B01D 53 /-</u>
2018328209	2018338915		2018355487	2018335837	
2018328220	2018341389		2018360298		2018329245
2018331725	2018345844	2018383633	2018360478	<u>A61P 7 /-</u>	2018347531
2018333274	2018346616	2018420069			
2018341587	2018347970	<u>A61M 39 /-</u>	<u>A61P 27 /-</u>	2018353012	<u>B01D 61 /-</u>
2018348198	2018347990			<u>A61P 9 /-</u>	2018392216
2018351308	2018350846	2018345627	2018333913		
2018353432	2018354318	2018359898	2018342751	2017445584	
2018354189	2018366047				
2018358019					

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2018335223	2018333279	2018349426	2018355596	2018330638	2018351472
<u>B01J 19 /-</u>	<u>B23D 47 /-</u>	2018350870	<u>B60P 3 /-</u>	<u>B63B 39 /-</u>	<u>B65G 17 /-</u>
2019229919	2018333279	<u>B32B 37 /-</u>	2018355596	2018337795	2018351472
<u>B01L 3 /-</u>	<u>B23K 26 /-</u>	2018356889	<u>B60Q 1 /-</u>	<u>B63C 1 /-</u>	<u>B65G 47 /-</u>
2018335223	2018420069	<u>B32B 9 /-</u>	2018351167	2017434985	2018361942
<u>B01L 7 /-</u>	<u>B23K 35 /-</u>	2018328750	<u>B60R 1 /-</u>	<u>B63C 11 /-</u>	<u>B65H 16 /-</u>
2018346620	2018349140	<u>B33Y 70 /-</u>	2019228798	2018383962	2018346949
<u>B01L 9 /-</u>	<u>B23K 9 /-</u>	2018338636	<u>B60R 22 /-</u>	<u>B63C 3 /-</u>	<u>B65H 23 /-</u>
2018363712	2018349116	2018344767	2018330118	2017434985	2018346949
<u>B02C 13 /-</u>	<u>B24C 1 /-</u>	<u>B41J 11 /-</u>	<u>B60R 5 /-</u>	<u>B63G 8 /-</u>	<u>B66B 5 /-</u>
2018390895	2018369968	2018329734	2018355596	2018396084	2018347752
<u>B02C 17 /-</u>	<u>B25C 1 /-</u>	<u>B41J 13 /-</u>	<u>B60R 9 /-</u>	<u>B64C 39 /-</u>	<u>B66F 11 /-</u>
2018329974	2018351907	2018329734	2018355596	2018349342	2018371863
<u>B02C 2 /-</u>	<u>B25J 13 /-</u>	<u>B41J 2 /-</u>	2018370380	<u>B64D 33 /-</u>	<u>B66F 19 /-</u>
2018325823	2018346698	2018329734	<u>B60S 9 /-</u>	2018364661	2018371863
<u>B02C 21 /-</u>	2018347473	2018350131	2018371863	<u>B64F 1 /-</u>	<u>B66F 7 /-</u>
2019312556	<u>B25J 19 /-</u>	<u>B41J 3 /-</u>	<u>B60T 13 /-</u>	2017443912	2018371863
<u>B02C 23 /-</u>	2018346698	2018329734	2018350994	<u>B65B 53 /-</u>	<u>B67D 9 /-</u>
2019312556	<u>B25J 9 /-</u>	<u>B60B 11 /-</u>	<u>B60T 17 /-</u>	2018372264	2018330638
2019312557	2018326171	2018348662	2018350994	<u>B65D 1 /-</u>	<u>B68G 9 /-</u>
<u>B03B 11 /-</u>	2018346698	<u>B60B 15 /-</u>	<u>B60T 7 /-</u>	2018348027	2018367067
2019312557	<u>B27B 3 /-</u>	2018348662	2018350994	2018349252	<u>C01B 19 /-</u>
<u>B03B 7 /-</u>	2018333279	<u>B60B 35 /-</u>	<u>B61F 3 /-</u>	<u>B65D 23 /-</u>	2018348597
2019312557	<u>B27B 5 /-</u>	2018338344	2018371863	2018349252	<u>C01B 3 /-</u>
<u>B03B 9 /-</u>	2018333279	<u>B60C 11 /-</u>	<u>B61F 5 /-</u>	<u>B65D 25 /-</u>	2018369153
2019312556	<u>B27N 3 /-</u>	2018356859	2018345621	2018349252	<u>C01B 35 /-</u>
2019312557	2018335246	<u>B60C 19 /-</u>	2018371863	<u>B65D 47 /-</u>	2018366053
<u>B03C 1 /-</u>	<u>B29C 43 /-</u>	2018356859	<u>B61L 15 /-</u>	2018349252	<u>C01D 3 /-</u>
2019312558	2018346994	<u>B60C 23 /-</u>	2019235349	<u>B65D 5 /-</u>	2018347531
<u>B03D 3 /-</u>	2018420069	2018356859	<u>B62D 21 /-</u>	2018346949	<u>C01F 17 /-</u>
2019312557	<u>B29C 53 /-</u>	<u>B60C 99 /-</u>	2018371863	<u>B65D 8 /-</u>	2018351603
<u>B05B 11 /-</u>	2018345698	2018356859	<u>B62H 1 /-</u>	2018349252	<u>C01F 5 /-</u>
2018391780	<u>B29C 70 /-</u>	<u>B60G 9 /-</u>	2017434935	<u>B65D 81 /-</u>	2018369153
<u>B09B 3 /-</u>	2018346994	2018338344	<u>B63B 21 /-</u>	2018347531	<u>C01G 49 /-</u>
2018360435	2018354115	<u>B60H 1 /-</u>	2018353794	<u>B65D 85 /-</u>	2018359609
<u>B21K 7 /-</u>	<u>B29D 11 /-</u>	2018329665	2018396084	2018346949	<u>C02F 1 /-</u>
2018336748	2018361942	<u>B60L 9 /-</u>	<u>B63B 22 /-</u>	2018349252	2018337067
	<u>B32B 13 /-</u>	2018350039	2018397331	2018350689	2018345674
	2018356889				

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2019312558	<u>C07C 311 /-</u>	<u>C07D 317 /-</u>	2018347783	2018328291	<u>C08L 71 /-</u>
<u>C02F 103 /-</u>			2018348174	2018328847	
2018345674	2018332512	2018341454	2018351059	2018331725	2018349776
<u>C02F 3 /-</u>	<u>C07C 59 /-</u>	2018348444	2018351400	2018341587	<u>C08L 97 /-</u>
		<u>C07D 319 /-</u>	2018353432	2018346264	
2018337067	2018344460		2018377993	2018346507	2018335246
		<u>C07D 491 /-</u>		2018346969	
<u>C04B 24 /-</u>	<u>C07D 205 /-</u>	2018341454		2018347601	<u>C09D 103 /-</u>
		<u>C07D 321 /-</u>	2018333913	2018348198	
2017435343	2018334152			2018351349	2018368947
<u>C04B 26 /-</u>	<u>C07D 209 /-</u>	<u>C07D 401 /-</u>	<u>C07D 495 /-</u>	2018353432	
				2018358138	<u>C09D 175 /-</u>
2018373546	2018368332	2018332512	2018377993	2018358883	2018347251
<u>C04B 28 /-</u>	<u>C07D 213 /-</u>	2018333913	<u>C07D 498 /-</u>	2018359506	
		2018339722		2018361957	<u>C09D 5 /-</u>
2017435343	2018332501	2018341084	2018333913	2018366122	
2018351611	2018332512	2018349293	2018347307	2018369639	2018368947
<u>C04B 40 /-</u>	2018348049	2018354969	2018353107	2018381316	
	2018368332	2018360478	<u>C07D 513 /-</u>	2019239730	<u>C09D 7 /-</u>
	<u>C07D 215 /-</u>	2018368332			
2018351611		<u>C07D 403 /-</u>	2018377993	<u>C07K 19 /-</u>	2018361545
<u>C05F 3 /-</u>	2018332512				2018368947
	2018354969	2018333913	<u>C07D 519 /-</u>	2018328847	
2018329245	<u>C07D 231 /-</u>	2018339722		<u>C07K 5 /-</u>	<u>C09K 11 /-</u>
<u>C07B 51 /-</u>		2018340397	2018344370	2018383035	2018348597
	2018332512	2018344902	2018354785		
2018363696	2018368332	2018354969	2018377993	<u>C07K 7 /-</u>	<u>C09K 8 /-</u>
<u>C07B 59 /-</u>	<u>C07D 235 /-</u>	2018360478			
		<u>C07D 405 /-</u>	<u>C07F 9 /-</u>	2018344475	2017435343
2018348359	2018332512			2018383035	2017443976
	2018354969	2018333913	2018334152		
<u>C07C 215 /-</u>	<u>C07D 239 /-</u>	2018341084	2018347783	<u>C08F 2 /-</u>	<u>C10G 15 /-</u>
		2018354969			
2018332146	2018332501	2018368332	<u>C07H 21 /-</u>	2018354767	2019229919
2018347349	2018341454	<u>C07D 413 /-</u>		<u>C08F 20 /-</u>	<u>C10G 3 /-</u>
			2018345772		
<u>C07C 225 /-</u>	<u>C07D 241 /-</u>	2018333913	2019239730	2018354767	2018329245
		2018341084	<u>C07K 11 /-</u>		
2018348359	2018368332	2018352828		<u>C08F 220 /-</u>	<u>C11D 17 /-</u>
<u>C07C 231 /-</u>	<u>C07D 249 /-</u>	2018354969	2018363696	2018354767	2018330519
		2018363696	<u>C07K 14 /-</u>		
2018363696	2018333913	2018368332		<u>C08G 18 /-</u>	<u>C11D 3 /-</u>
<u>C07C 237 /-</u>	<u>C07D 257 /-</u>		2018323875	2018347251	2018330519
		2018349293	2018327224		2018345463
2018351349	2018348174	2018354969	2018328057	<u>C08G 59 /-</u>	2018348194
<u>C07C 269 /-</u>	<u>C07D 263 /-</u>	2018368332	2018330444		
		<u>C07D 417 /-</u>	2018332986	2018354115	<u>C12M 1 /-</u>
2018363696	2018368332		2018336042	2018373546	
<u>C07C 271 /-</u>	<u>C07D 273 /-</u>	2018349293	2018346511		2018346620
		2018354969	2018346719	<u>C08G 64 /-</u>	2018350052
2018363696	2018363696	2018368332	2018346957		2018351349
<u>C07C 273 /-</u>	<u>C07D 277 /-</u>	<u>C07D 471 /-</u>	2018347601	2018357067	
			2018348138		<u>C12N 1 /-</u>
2018347531	2018332501	2018330188	2018348198	<u>C08G 8 /-</u>	
2018363696	2018363696	2018332512	2018352234		2018327318
<u>C07C 279 /-</u>	<u>C07D 305 /-</u>	2018340397	2018353012	2018346682	2018354189
		2018341084	2018357912		
2018351349	2018368332	2018342751	2018358019	<u>C08J 5 /-</u>	<u>C12N 11 /-</u>
<u>C07C 29 /-</u>	<u>C07D 311 /-</u>	2018352828	2018359494		
		2018354785	2018360253	2018346994	2018328209
2018358237	2018352382	2018354969	2018366480	2018352478	
	2018353722	2018368332	2018383035		<u>C12N 15 /-</u>
		2019209426	2018383633	<u>C08K 3 /-</u>	
		<u>C07D 487 /-</u>	2019211190		2017445584
				2018346994	2018328847
		2018335841	<u>C07K 16 /-</u>		2018329823
		2018340475		<u>C08L 63 /-</u>	2018330444
		2018342471	2017436815		2018331725
			2018327341	2018354115	2018332986

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2018333285	<u>C12Q 1/-</u>	<u>C23C 10/-</u>	<u>E02D 5/-</u>	<u>E05B 63/-</u>	<u>E21B 7/-</u>
2018336042					
2018338915	2018328220	2018336827	2018337073	2018367291	2018347352
2018341985	2018334252				2018354767
2018343310	2018336785	<u>C23G 1/-</u>		<u>E05D 15/-</u>	
2018345673	2018338692		<u>E02F 5/-</u>		<u>E21D 11/-</u>
2018345683	2018345772	2018392216		2018354713	
2018346507	2018348195		2018355064	2018364352	2019259069
2018346511	2018350052	<u>C23G 3/-</u>	<u>E02F 9/-</u>	2018364353	
2018346957	2018350883			<u>E05D 3/-</u>	<u>E21D 13/-</u>
2018346971	2018354120	2018392216	2018344665		2019259069
2018348138	2018356436		2019228798	2018364352	
2018350052	2018356572	<u>C25B 1/-</u>		2018364353	<u>E21F 7/-</u>
2018350212	2018360287		<u>E03B 3/-</u>	<u>E05D 7/-</u>	2018420472
2018350883	2018362008	2018350295			2018420473
2018351308	2018364987	<u>C40B 40/-</u>	2018329665		
2018351649	2018369639		2018331411	2018364352	
2018352236		2018369639			<u>F01D 25/-</u>
2018353012	<u>C12R 1/-</u>		<u>E03B 7/-</u>	<u>E05F 1/-</u>	
2018353112		<u>D01D 10/-</u>			2018356965
2018354189	2018343310		2018356404	2018364352	2018356966
2018357912		2017435381		2018364353	
2018359494	<u>C13B 20/-</u>		<u>E03F 3/-</u>		<u>F01M 11/-</u>
2018359609		<u>D01F 11/-</u>		<u>E05F 5/-</u>	
2018360253	2018358237		2018355064		2018333279
2018364987		2017435381		2018364353	
2018366480	<u>C14C 1/-</u>	<u>D01F 6/-</u>	<u>E04B 1/-</u>	<u>E06B 3/-</u>	<u>F02B 75/-</u>
2018369639			2016268249		2018333279
2019239730	2018345463	2017435381	2018350870	2018354713	
	<u>C22B 1/-</u>	<u>D01F 9/-</u>	<u>E04B 7/-</u>	<u>E06B 5/-</u>	<u>F02C 6/-</u>
<u>C12N 5/-</u>					
	2019308597				2018356965
2018323875	2019312556	2017435381	2016268249	2018354713	2018356966
2018327318	2019312557				
2018327341		<u>D21H 17/-</u>	<u>E04B 9/-</u>	<u>E06B 9/-</u>	<u>F02C 7/-</u>
2018346957	<u>C22B 19/-</u>				
2018348138		2018337795	2018356889	2018327852	2018356965
2018351956	2018389705			2018354713	2018356966
2018353112		<u>D21H 19/-</u>	<u>E04C 3/-</u>		2018364661
2018360620	<u>C22B 23/-</u>			<u>E21B 17/-</u>	
2018366480		2018337795	2016268249		<u>F02D 19/-</u>
2018375796	2018355671	2018347858		2018351869	
2019239730		<u>D21H 21/-</u>	<u>E04D 5/-</u>		2018329194
	<u>C22B 3/-</u>			<u>E21B 23/-</u>	
<u>C12N 7/-</u>		2018337795	2018350870		<u>F02D 41/-</u>
	2018351603			2018351869	
2018357912	2018355671	<u>D21H 27/-</u>	<u>E04F 15/-</u>	2018383336	2018329194
2018360253	2018389705				
2018361217	<u>C22B 59/-</u>	2018337795	2018335209	<u>E21B 33/-</u>	<u>F02K 9/-</u>
<u>C12N 9/-</u>	2018351603	<u>E01B 11/-</u>	<u>E04G 11/-</u>	2017444627	2018346994
				2018383336	
2018332986	<u>C22B 7/-</u>	2018336748	2018344510	<u>E21B 4/-</u>	<u>F03B 11/-</u>
2018333274			2018345163		2018364661
2018338915	2018389705	<u>E01B 13/-</u>	<u>E04G 21/-</u>	2018351869	
2018345463					<u>F03B 13/-</u>
2018353012	<u>C22C 14/-</u>	2018362234	2018344510	<u>E21B 43/-</u>	2018364661
2018353112			2018352152		
2018381316	2018344767	<u>E01B 3/-</u>	<u>E04G 3/-</u>	2018346659	<u>F03B 3/-</u>
	<u>C22C 30/-</u>	2018362234		2018352983	
<u>C12P 1/-</u>			2018344510	2018367384	2018364661
	2018352596	<u>E01B 7/-</u>		2018420472	
2018343310			<u>E05B 15/-</u>	<u>E21B 47/-</u>	<u>F03D 1/-</u>
<u>C12P 13/-</u>	<u>C22C 32/-</u>	2018336748			
			2018367291	2017444627	2018396288
2018354767	2018352596	<u>E01F 15/-</u>	<u>E05B 17/-</u>	2018420473	
					<u>F04B 17/-</u>
<u>C12P 17/-</u>	<u>C22F 1/-</u>	2018385551	2018367291	<u>E21B 49/-</u>	2018352528
2018329823	2018344767	<u>E02D 29/-</u>		2018352983	
			2019259069		

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<u>F04B 19 /-</u>	<u>F16K 99 /-</u>	<u>F25D 23 /-</u>	<u>G01F 3 /-</u>	<u>G01N 35 /-</u>	<u>G05D 16 /-</u>
2018352528	2018345627	2018388155	2018357950	2018346620	2018356404
<u>F04B 25 /-</u>	<u>F16L 1 /-</u>	2018388156	<u>G01H 1 /-</u>	<u>G01N 5 /-</u>	<u>G05D 7 /-</u>
2018352528	2018355064	<u>F25J 1 /-</u>	2018344597	2018342785	2018356404
<u>F04B 31 /-</u>	<u>F16L 13 /-</u>	2018354587	<u>G01K 11 /-</u>	<u>G01R 19 /-</u>	<u>G05F 1 /-</u>
2018352528	2018326414	<u>F28C 1 /-</u>	2018374039	2017432628	2018355030
<u>F04B 35 /-</u>	<u>F16L 53 /-</u>	2018354028	<u>G01K 17 /-</u>	<u>G01R 31 /-</u>	2018355031
2018352528	2019229919	<u>F28D 15 /-</u>	2018372924	2017432628	<u>G06F 13 /-</u>
<u>F04B 43 /-</u>	<u>F17D 1 /-</u>	2018329209	<u>G01L 5 /-</u>	<u>G01S 13 /-</u>	2018328202
2018345627	2019229919	<u>F28D 5 /-</u>	2018347472	2018366927	<u>G06F 15 /-</u>
<u>F04C 23 /-</u>	<u>F21S 45 /-</u>	2018354028	<u>G01M 17 /-</u>	<u>G01S 17 /-</u>	2018357874
2018352907	2018351167	<u>F28D 7 /-</u>	2018356859	2017432648	<u>G06F 16 /-</u>
<u>F04C 29 /-</u>	<u>F21V 15 /-</u>	2018329209	<u>G01N 1 /-</u>	2018341833	2018330796
2018352907	2018351167	<u>F41J 2 /-</u>	2018346569	<u>G01S 7 /-</u>	2018354240
<u>F04D 17 /-</u>	<u>F21V 7 /-</u>	2018353290	2018346620	2018341833	<u>G06F 3 /-</u>
2018364963	2018348597	<u>F41J 9 /-</u>	<u>G01N 15 /-</u>	<u>G01V 1 /-</u>	2018352618
<u>F04D 29 /-</u>	<u>F21Y 115 /-</u>	2018353290	2018335223	2018397331	<u>G06F 40 /-</u>
2018364963	2018348597	<u>F42B 12 /-</u>	<u>G01N 21 /-</u>	<u>G01V 5 /-</u>	2018374762
<u>F15B 11 /-</u>	<u>F23D 14 /-</u>	2018352596	2018346295	2018329843	<u>G06F 8 /-</u>
2018344665	2018336827	2018353290	2018351956	<u>G02B 1 /-</u>	2018354240
<u>F15B 15 /-</u>	<u>F24F 1 /-</u>	<u>F42B 5 /-</u>	2018356385	2018356945	<u>G06F 9 /-</u>
2018344510	2018327937	2018353290	2018363712	<u>G02B 21 /-</u>	2017434691
<u>F16B 31 /-</u>	2018330127	<u>F42B 8 /-</u>	<u>G01N 25 /-</u>	2018384025	2018339076
2018344767	2018330128	2018352596	2018372924	<u>G02B 23 /-</u>	2018352618
<u>F16B 33 /-</u>	2018330129	<u>G01B 11 /-</u>	<u>G01N 27 /-</u>	2018353144	2018357856
2018344767	2018330131	2018329399	2018329858	<u>G02B 27 /-</u>	2018357870
<u>F16B 43 /-</u>	<u>F24F 13 /-</u>	<u>G01B 21 /-</u>	2018354120	2018348229	2018359378
2018349140	2018327937	2018329399	<u>G01N 3 /-</u>	<u>G02B 5 /-</u>	2018359380
<u>F16B 47 /-</u>	2018330127	<u>G01C 19 /-</u>	<u>G01N 30 /-</u>	2018353144	2018359385
2018366370	2018330128	2018345552	2018329025	<u>G02B 6 /-</u>	2018354973
<u>F16C 32 /-</u>	2018330129	2018348459	<u>G01N 33 /-</u>	2018345698	<u>G06K 9 /-</u>
2018356965	2018330131	2018348460	2017436815	<u>G02C 5 /-</u>	2018327277
2018356966	<u>F24F 5 /-</u>	2018349505	2018328220	2018342606	2018339524
<u>F16K 1 /-</u>	<u>F25C 5 /-</u>	2018353571	2018332171	2018346409	2018342606
2018346310	2017439314	<u>G01F 1 /-</u>	2018342785	2018346938	2018346409
<u>F16K 31 /-</u>	<u>F25D 11 /-</u>	2017439370	2018344597	2018374621	2018346938
2018346310	2018428522	2018357950	2018346264	<u>G02C 7 /-</u>	2018374621
2018356404	2018428523	<u>G01F 15 /-</u>	2018346295	2018356945	<u>G06M 1 /-</u>
<u>F16K 31 /-</u>	<u>F25D 17 /-</u>	2017439370	2018347460	<u>G05B 15 /-</u>	2018357950
2018346310	2018348735	<u>G01F 23 /-</u>	2018348198	2018329665	<u>G06N 3 /-</u>
2018356404	<u>F25D 21 /-</u>	2018366927	2018351956	<u>G05D 1 /-</u>	2017415626
	2018331411		2018354189	2018330031	2018328266
			2018359967		
			2018366480		

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<u>G06N 99 /-</u>	<u>G09C 1 /-</u>	<u>H01M 8 /-</u>	<u>H02S 40 /-</u>	<u>H04W 24 /-</u>
2017434905	2018349997	2018369153	2018333843	2017439568
	<u>G09F 13 /-</u>	<u>H01T 4 /-</u>	<u>H04B 10 /-</u>	2018329952
<u>G06Q 10 /-</u>	2018333843	2019272610	2018350865	<u>H04W 28 /-</u>
2017433256	<u>G09F 15 /-</u>	<u>H02B 1 /-</u>	<u>H04B 3 /-</u>	2018329952
2017434616	2018333843	2018344544	2018325468	<u>H04W 36 /-</u>
<u>G06Q 20 /-</u>	<u>G09F 27 /-</u>	<u>H02G 1 /-</u>	<u>H04B 7 /-</u>	2017430535
2018341597	2018333843	2018374406	2017432625	2017439697
2018344155			2018344835	<u>H04W 4 /-</u>
2018363687	<u>G09F 3 /-</u>	<u>H02G 3 /-</u>	<u>H04J 13 /-</u>	2018327277
<u>G06Q 30 /-</u>	2018337795	2018345698	2018349996	2018329952
2017433256	<u>G10D 1 /-</u>	<u>H02H 7 /-</u>	<u>H04L 1 /-</u>	2018334539
2018327277	2018352153	2018338774	2018367474	2018351962
2018331432	<u>G10D 3 /-</u>	<u>H02J 3 /-</u>	2018372420	2018386790
2018345315	2018352153	2018338774	<u>H04L 12 /-</u>	<u>H04W 40 /-</u>
2018347339	<u>G10K 11 /-</u>	2018355030	2018357874	2018346162
2018357874	2018397331	2018355031	<u>H04L 29 /-</u>	<u>H04W 48 /-</u>
<u>G06Q 40 /-</u>	<u>G16H 20 /-</u>	<u>H02J 50 /-</u>	<u>H04L 29 /-</u>	2017435973
2018345315	2017433256	2018325468	2017434661	<u>H04W 52 /-</u>
<u>G06Q 50 /-</u>	2018344193	<u>H02J 7 /-</u>	2017437321	2018367818
2018326801	2017433256	2018333843	2018330796	<u>H04W 72 /-</u>
2018342607	2018344193	2018355030	2018351962	2017430531
2018349342	<u>G16H 30 /-</u>	2018355031	2018351990	2017431418
<u>G06T 15 /-</u>	2018344193	<u>H02J 9 /-</u>	2018357874	2017434661
2017415626	<u>G16H 50 /-</u>	2018355031	<u>H04L 9 /-</u>	2017435973
<u>G06T 19 /-</u>	2018334252	<u>H02K 7 /-</u>	<u>H04M 1 /-</u>	2018340729
2018327287	2018336039	2018353104	2017437315	2018344835
<u>G06T 3 /-</u>	2018355755	<u>H02M 1 /-</u>	<u>H04N 1 /-</u>	2018349996
2018346938	<u>H01B 11 /-</u>	2018363719	2018347339	<u>H04W 74 /-</u>
<u>G06T 5 /-</u>	2018345698	<u>H02M 3 /-</u>	<u>H04N 13 /-</u>	2017431415
2018346938	<u>H01F 1 /-</u>	2018363719	2018345666	2018355497
<u>G06T 7 /-</u>	2018359609	<u>H02M 7 /-</u>	<u>H04N 19 /-</u>	<u>H04W 8 /-</u>
2017415626	<u>H01H 85 /-</u>	2018336731	2018346321	2018351962
2018327287	2018344544	2018355030	<u>H04N 21 /-</u>	<u>H04W 88 /-</u>
2018328799	<u>H01L 31 /-</u>	2018363719	2018327277	2017439568
2018329399	2018409644	<u>H02S 10 /-</u>	<u>H04N 5 /-</u>	<u>H04W 92 /-</u>
2018347464	<u>H01L 33 /-</u>	2018333843	2018341833	2018334539
2018347893	2018348597	<u>H02S 20 /-</u>	2019230492	<u>H05B 6 /-</u>
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<u>G07C 5 /-</u>	<u>H01M 2 /-</u>	2018333843	<u>H04W 12 /-</u>	2018328266
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2014273418	Agrosavfe N.V.	2016254661	Pierre Fabre Medicament
2014288484	Kao Corporation	2016254672	Depuy Ireland Unlimited Company
2014318712	AiBuy, Inc.	2016254958	FMC Corporation
2014345539	Legacy Healthcare Ltd	2016258317	Vectorious Medical Technologies Ltd
2014346415	Naturex-Dbs LLC	2016258589	Avery Dennison Corporation
2014346996	Rockwell Medical, Inc.	2016264856	Hernandez, J.
2014351611	Fredax AB	2016271473	Tendyne Holdings, Inc.
2014363454	EXERGENE Technologie GmbH	2016272544	Grays Clip Limited
2014365836	Latista Technologies, Inc.	2016273127	Bripco BVBA
2014401664	Connec Limited	2016278150	Fiji Manufacturing, LLC
2015200162	Alstom Transport Technologies	2016278867	Nuovo Pignone Tecnologie Srl
2015210862	CytomX Therapeutics, Inc.	2016282591	Covidien LP
2015213778	Neurocrine Biosciences, Inc.	2016284025	Dow Global Technologies LLC
2015214665	Biolumic Limited	2016307870	Pile Dynamics, Inc.
2015220950	SITA Information Networking Computing Ireland Limited	2016318235	I.systems Automação Industrial S.A
2015231413	Infinity Pharmaceuticals, Inc.	2016325438	Qualcomm Incorporated
2015234349	DINNTECO INTERNATIONAL, S.L.	2016328365	F. Hoffmann-La Roche AG
2015240897	Evans Cooling Systems, Inc.	2016330932	ESCO Group LLC
2015247382	Synthetic Biologics, Inc.	2016352060	Acrylian
2015256153	Caliber Imaging & Diagnostics, Inc.	2016353539	Propanc Pty Ltd
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2015261786	Relaxera Pharmazeutische Gesellschaft mbH & Co., KG	2016390979	Huawei Technologies Co., Ltd.
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2015305611	Ampio Pharmaceuticals, Inc.	2017321016	Theravance Biopharma R&D IP, LLC
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2015327817	Allergan, Inc.	2017362952	Waymo LLC
2015329778	ReViral Limited	2017368035	Colgate-Palmolive Company
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2015360514	PPC Broadband, Inc.	2017386420	Beijing Qiyi Century Science & Technology Co., Ltd.
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2015367921	Aroa Biosurgery Limited	2017387027	Boston Scientific Scimed, Inc.
2015370701	Technip France	2017390700	Rheinmetall Waffe Munition GmbH
2015371376	Evonik Operations GmbH	2018202968	Chugai Seiyaku Kabushiki Kaisha
2015371457	Evonik Operations GmbH	2018202978	Xencor, Inc.
2015380301	DNX Biotech, LLC	2018202990	Aerie Pharmaceuticals, Inc
2015390015	Halliburton Energy Services, Inc.	2018203308	Shire Human Genetic Therapies
2015406100	Boehringer Ingelheim International GmbH	2018203548	Cue Health Inc.
2016205029	Calgon Carbon Corporation	2018219663	Carag AG; Universität Zürich
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2016226026	Goldman Sachs & Co. LLC	2018226425	Dana-Farber Cancer Institute, Inc.
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2016244934	Coloplast A/S	2018255934	Consortio Comex, S. A. De C. V.
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2019200150 Medtronic Minimed, Inc.
2019200975 Applied Biomimetic A/S
2019201001 Accenture Global Solutions Limited
2019201682 Accenture Global Solutions Limited
2019201821 Accenture Global Solutions Limited
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<u>A22C 18 /-</u>	2015361260	2015231413	2015329778	<u>B32B 25 /-</u>	<u>B63B 25 /-</u>
2018247329	2015367921	2017321016	<u>A61P 35 /-</u>	2017372772	2017273983
<u>A23B 4 /-</u>	2016243659	<u>A61K 47 /-</u>	2014345539	<u>B32B 27 /-</u>	<u>B63B 35 /-</u>
2018247329	2016254672	2015257798	2014351611	2017372772	2017273983
2019203370	2016271473	2016359230	2015231413	2017372772	<u>B63B 49 /-</u>
<u>A23B 7 /-</u>	2016278150	<u>A61K 48 /-</u>	2015335607	2017372772	2017237772
2015214665	<u>A61F 5 /-</u>	2015262889	2016353539	<u>B32B 5 /-</u>	<u>B65G 15 /-</u>
<u>A23D 7 /-</u>	2016244934	<u>A61K 51 /-</u>	2017202864	2015370701	2017372772
2015371376	2016278150	2014351611	2018202968	2017372772	<u>B66C 11 /-</u>
2015371457	<u>A61F 6 /-</u>	<u>A61K 9 /-</u>	2018275277	<u>B32B 7 /-</u>	2017286449
<u>A23D 9 /-</u>	2015273060	2015257798	<u>A61P 37 /-</u>	2015367921	<u>B66C 21 /-</u>
2015371376	<u>A61F 9 /-</u>	2015305214	2015231413	2017237772	2017286449
2015371457	2015315014	<u>A61L 27 /-</u>	<u>A61P 7 /-</u>	2017372772	<u>B66D 1 /-</u>
<u>A23L 33 /-</u>	2016378890	2015367921	2015305214	<u>B32B 9 /-</u>	2017286449
2015371376	<u>A61K 31 /-</u>	2016243659	<u>A61P 9 /-</u>	2015367921	<u>B67D 1 /-</u>
2015371457	2015213778	2016352060	2015261786	<u>B33Y 30 /-</u>	2015336150
<u>A47J 31 /-</u>	2015231413	<u>A61L 31 /-</u>	2017321016	2017234493	<u>C02F 1 /-</u>
2015336150	2015305214	2017387027	<u>B01D 46 /-</u>	<u>B33Y 50 /-</u>	2014363454
<u>A47K 5 /-</u>	2015305611	<u>A61M 11 /-</u>	2017334471	2017234493	2017295578
2017368035	2015327817	2015269090	<u>B01D 61 /-</u>	<u>B41M 3 /-</u>	<u>C02F 103 /-</u>
<u>A61B 17 /-</u>	2015329778	<u>A61M 16 /-</u>	2014363454	2017313044	2014363454
2015273060	2015406100	2015269090	2015259228	<u>B42D 25 /-</u>	2015305694
2015315014	<u>A61K 33 /-</u>	<u>A61M 39 /-</u>	<u>B01F 7 /-</u>	2016227774	<u>C03B 19 /-</u>
2016258317	2014346996	2015269090	2015294096	<u>B61C 17 /-</u>	2015305694
2016282591	<u>A61K 36 /-</u>	<u>A61M 5 /-</u>	<u>B01J 20 /-</u>	2016227774	<u>C04B 103 /-</u>
2018219981	2014345539	2015315014	2016205029	<u>B61C 3 /-</u>	2015305694
<u>A61B 18 /-</u>	2014346415	2019200150	<u>B06B 1 /-</u>	2016227774	<u>C04B 14 /-</u>
2017387019	<u>A61K 38 /-</u>	<u>A61P 11 /-</u>	2015289853	<u>B61D 1 /-</u>	2015305694
<u>A61B 34 /-</u>	2014346996	2015406100	<u>B08B 9 /-</u>	2016227774	<u>C06B 43 /-</u>
2016282591	2015247382	<u>A61P 19 /-</u>	2017295578	<u>B22F 3 /-</u>	2015333591
<u>A61B 5 /-</u>	2015257798	2015231413	<u>B22F 3 /-</u>	2015305311	
2015256153	2015261786	2015305611	<u>B25J 9 /-</u>		
	2015305611	<u>A61P 25 /-</u>			
	2015380301	2015213778			
	2016353539	2017373784			
	2018203308				

Applications Accepted - IPC Index cont'd

<u>C07C 279 /-</u>	<u>C07F 9 /-</u>	2016258589	2016330932	<u>F21V 9 /-</u>	<u>G01F 1 /-</u>
2015371376	2015406100	<u>C09K 5 /-</u>	<u>E04G 21 /-</u>	2015214665	2017324747
2015371457	<u>C07H 15 /-</u>	2015240897	2014224104	<u>F21W 131 /-</u>	<u>G01F 15 /-</u>
<u>C07C 309 /-</u>	2016359230	<u>C10G 1 /-</u>	<u>E21B 33 /-</u>	2015214665	2017324747
2018275277	2018232919	2017264777	2015390015	<u>F24D 17 /-</u>	<u>G01N 23 /-</u>
<u>C07C 57 /-</u>	<u>C07K 1 /-</u>	<u>C10G 11 /-</u>	<u>E21B 41 /-</u>	2014363454	2016250199
2015371376	2015259228	2017264777	2016250199	<u>F24F 11 /-</u>	<u>G01N 3 /-</u>
2015371457	<u>C07K 14 /-</u>	<u>C10G 3 /-</u>	<u>E21B 47 /-</u>	2017295578	2017296468
<u>C07C 59 /-</u>	2015380301	2017264777	2015390015	2018324670	<u>G01N 33 /-</u>
2018275277	<u>C07K 16 /-</u>	<u>C10G 49 /-</u>	2016307870	<u>F24F 13 /-</u>	2016254661
<u>C07C 7 /-</u>	2014273418	2017264777	<u>F03G 7 /-</u>	2017295578	2017334471
2017264777	2014351611	<u>C11B 5 /-</u>	2019200975	<u>F24F 3 /-</u>	2018203548
<u>C07C 9 /-</u>	2015210862	2015371376	<u>F04B 35 /-</u>	2017295578	<u>G01N 35 /-</u>
2017264777	2016226060	2015371457	2019200087	<u>F25B 21 /-</u>	2018203548
<u>C07D 207 /-</u>	2016254661	<u>C12N 1 /-</u>	<u>F04B 39 /-</u>	2015336150	<u>G01S 17 /-</u>
2018236824	2018202968	2014288484	2019200087	<u>F25B 41 /-</u>	2019210587
<u>C07D 213 /-</u>	2018202978	<u>C12N 15 /-</u>	<u>F04D 13 /-</u>	2017273983	<u>G01S 7 /-</u>
2015305214	2018226425	2014224042	2016278867	2017295578	2017237772
<u>C07D 239 /-</u>	<u>C07K 7 /-</u>	2014273418	<u>F04D 25 /-</u>	<u>F25D 11 /-</u>	2019210587
2018236824	2015323713	2014288484	2016278867	2017369101	<u>G02B 21 /-</u>
<u>C07D 241 /-</u>	<u>C08F 2 /-</u>	2015262889	2016278867	2017369104	2015256153
2018236824	2016258589	<u>C12N 5 /-</u>	<u>F04D 29 /-</u>	<u>F25D 17 /-</u>	<u>G05B 13 /-</u>
<u>C07D 241 /-</u>	<u>C08F 212 /-</u>	2014224042	2016278867	2017369101	2016318235
2015305611	2018255934	2014288484	<u>F16B 15 /-</u>	<u>F25D 21 /-</u>	<u>G05D 1 /-</u>
<u>C07D 307 /-</u>	<u>C08F 220 /-</u>	2015247382	2016272544	2017295578	2019210587
2016254958	2016258589	2016235568	<u>F16B 5 /-</u>	<u>F25D 25 /-</u>	<u>G05D 25 /-</u>
<u>C07D 401 /-</u>	2016352060	<u>C12P 19 /-</u>	2016272544	2017369104	2015214665
2018255934	2018255934	2016226060	<u>F16L 1 /-</u>	<u>F25J 1 /-</u>	<u>G06F 1 /-</u>
2015329778	<u>C08F 230 /-</u>	2016235568	2016250199	2017273983	2019268124
2015406100	2018255934	<u>C12P 21 /-</u>	<u>F16L 11 /-</u>	<u>F25J 3 /-</u>	<u>G06F 13 /-</u>
2017373784	<u>C08F 293 /-</u>	2014288484	2015370701	2017273983	2015274582
<u>C07D 403 /-</u>	2016258589	2015247382	<u>F16L 57 /-</u>	<u>F41G 1 /-</u>	<u>G06F 16 /-</u>
2015406100	<u>C08L 23 /-</u>	2016235568	2015370701	2017390700	2019201001
<u>C07D 407 /-</u>	2016284025	<u>C12P 7 /-</u>	<u>F21V 14 /-</u>	2018271245	2019201821
2015406100	<u>C09D 109 /-</u>	2014288484	2015214665	<u>F41H 13 /-</u>	<u>G06F 17 /-</u>
<u>C07D 409 /-</u>	2018255934	2018260951	<u>F21V 21 /-</u>	2017390700	2014365836
2015327817	<u>C09D 125 /-</u>	2018260955	2015214665	<u>G01C 21 /-</u>	<u>G06F 3 /-</u>
<u>C07D 471 /-</u>	2018255934	<u>D06F 37 /-</u>	<u>F21V 33 /-</u>	2017362952	2019268124
2015329778	<u>C09D 133 /-</u>	2018260951	2015214665	<u>G01C 23 /-</u>	<u>G06F 8 /-</u>
2018275277	2018255934	<u>D06F 39 /-</u>	<u>E02F 9 /-</u>	2016245325	2019201821
<u>C07D 487 /-</u>	<u>C09D 4 /-</u>	2018260951			
2016328365	2018255934	2018260955			
2018236824	<u>C09J 153 /-</u>				

Applications Accepted - IPC Index cont'd

<u>G06F 9 /-</u>	<u>H01R 29 /-</u>	<u>H04W 4 /-</u>
2015284328	2014401664 2015274582	2015279941
<u>G06K 9 /-</u>	<u>H02G 1 /-</u>	<u>H04W 76 /-</u>
2015256153 2019268124	2016221634	2015200162
<u>G06N 5 /-</u>	<u>H02G 13 /-</u>	<u>H04W 88 /-</u>
2016318235	2015234349	2016245325
<u>G06Q 10 /-</u>	<u>H02G 15 /-</u>	<u>H05B 47 /-</u>
2015220950 2015279941 2019201682	2016221634	2015214665
<u>G06Q 20 /-</u>	<u>H02G 3 /-</u>	<u>H05K 7 /-</u>
2016226026	2015360514	2016273127
<u>G06Q 30 /-</u>	<u>H02J 3 /-</u>	
2015220950 2015279941	2016426958 2018236771	
<u>G06Q 40 /-</u>	<u>H02K 11 /-</u>	
2016226026	2016250199	
<u>G06T 3 /-</u>	<u>H02K 5 /-</u>	
2017386420	2016250199	
<u>G06T 5 /-</u>	<u>H02K 7 /-</u>	
2018255983	2015355119 2016250199	
<u>G06T 7 /-</u>	<u>H02M 1 /-</u>	
2018255983	2017344367	
<u>G08G 1 /-</u>	<u>H02M 7 /-</u>	
2017362952	2017344367	
<u>G08G 5 /-</u>	<u>H04B 7 /-</u>	
2017378712	2016246600	
<u>G16H 40 /-</u>	<u>H04L 1 /-</u>	
2019200150	2016325438 2018257012	
<u>H01B 17 /-</u>	<u>H04L 5 /-</u>	
2014401664	2018257012	
<u>H01B 7 /-</u>	<u>H04N 19 /-</u>	
2014401664	2016390979	
<u>H01L 41 /-</u>	<u>H04N 21 /-</u>	
2019268124	2014318712	
<u>H01M 10 /-</u>	<u>H04N 5 /-</u>	
2015240897	2016264856	
<u>H01R 13 /-</u>	<u>H04W 24 /-</u>	
2014401664	2015200162	

Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Lodged

2014100975 Sun-Wizard Holding Pty Ltd (Arieni, M.)

Opposition Dismissed - Proceed to Grant

2016202508 Dow AgroSciences, LLC (Nufarm Australia Limited)

Patents Granted

Standard Patents

2011205034	2014200694	2014229331	2015411913
2016218390	2016350690	2017364787	2018200652
2018201981	2018202241	2018202282	2018202460
2018250536	2018250537	2018256674	

Innovation Patents

2014101665	2017101877	2019101619	2019101623
2019101724	2020100059	2020100205	2020100310
2020100311	2020100351	2020100363	2020100364
2020100370	2020100375	2020100380	2020100382
2020100384	2020100385	2020100397	2020100400
2020100401	2020100403	2020100407	2020100409
2020100410	2020100412	2020100413	2020100422
2020100425	2020100431	2020100432	2020100433
2020100435	2020100436	2020100437	2020100440

Assignments Registered

1997040664 Pactiv Corporation The patent has been assigned to **Reynolds Presto Products Inc.**

1997040667 Pactiv Corporation The patent has been assigned to **Reynolds Presto Products Inc.**

1998096642 Pactiv Corporation The patent has been assigned to **Reynolds Presto Products Inc.**

2000036360 Arjobex Limited The patent has been assigned to **ARJOBEX POLYART LIMITED**

2002232879 Arconic Inc. The patent has been assigned to **Arconic Technologies LLC**

2002350112 Thomson Reuters Global Resources Unlimited Company The patent has been assigned to **Thomson Reuters Enterprise Centre GmbH**

2002353634 LG Electronics Inc. The patent has been assigned to **3G Licensing S.A.**

2002364593 Thomson Reuters Global Resources Unlimited Company The patent has been assigned to **Thomson Reuters Enterprise Centre GmbH**

2002365791 LG Electronics Inc. The patent has been assigned to **3G Licensing S.A.**

2003202014 Thomson Reuters Global Resources Unlimited Company The patent has been assigned to **Thomson Reuters Enterprise Centre GmbH**

2003208042 LG Electronics Inc. The patent has been assigned to **3G Licensing S.A.**

2003216454 Pactiv Corporation The patent has been assigned to **Reynolds Presto Products Inc.**

2003248378 Pactiv Corporation The patent has been assigned to **Reynolds Presto Products Inc.**

Assignments Registered

2003252560 LG Electronics Inc. The patent has been assigned to **3G Licensing S.A.**

2003253107 Arjobex Limited The patent has been assigned to **ARJOBEX POLYART LIMITED**

2003258074 Pactiv Corporation The patent has been assigned to **Reynolds Presto Products Inc.**

2003284945 Thomson Reuters Global Resources Unlimited Company The patent has been assigned to **Thomson Reuters Enterprise Centre GmbH**

2004268964 Dogwood Pharmaceuticals, Inc. The patent has been assigned to **Allergan Sales, LLC**

2004307900 LG Electronics Inc. The patent has been assigned to **3G Licensing S.A.**

2005201574 Arjobex Limited The patent has been assigned to **ARJOBEX POLYART LIMITED**

2005214348 Arconic Inc. The patent has been assigned to **Arconic Technologies LLC**

2005220377 Thomson Reuters Global Resources Unlimited Company The patent has been assigned to **Thomson Reuters Enterprise Centre GmbH**

2005227794 LG Electronics Inc. The patent has been assigned to **3G Licensing S.A.**

2005237368 LG Electronics Inc. The patent has been assigned to **3G Licensing S.A.**

2005249137 LG Electronics Inc. The patent has been assigned to **3G Licensing S.A.**

2005269483 Arconic Inc. The patent has been assigned to **Arconic Technologies LLC**

2005277039 Thomson Reuters Global Resources Unlimited Company The patent has been assigned to **Thomson Reuters Enterprise Centre GmbH**

2005287986 LG Electronics Inc. The patent has been assigned to **3G Licensing S.A.**

2005302222 Ocean Farm Technologies, Inc. The patent has been assigned to **InnovaSea Systems, Inc.**

2005320347 Thomson Reuters Global Resources Unlimited Company The patent has been assigned to **Thomson Reuters Enterprise Centre GmbH**

2006201242 LG Electronics Inc. The patent has been assigned to **3G Licensing S.A.**

2006206756 Thomson Reuters Global Resources Unlimited Company The patent has been assigned to **Thomson Reuters Enterprise Centre GmbH**

2006209231 Thomson Reuters Global Resources Unlimited Company The patent has been assigned to **Thomson Reuters Enterprise Centre GmbH**

2006268147 Thomson Reuters Global Resources Unlimited Company The patent has been assigned to **Thomson Reuters Enterprise Centre GmbH**

2007200383 Thomson Reuters Global Resources Unlimited Company The patent has been assigned to **Thomson Reuters Enterprise Centre GmbH**

2007200384 Thomson Reuters Global Resources Unlimited Company The patent has been assigned to **Thomson Reuters Enterprise Centre GmbH**

2007200385 Thomson Reuters Global Resources Unlimited Company The patent has been assigned to **Thomson Reuters Enterprise Centre GmbH**

Assignments Registered

2007200386 Thomson Reuters Global Resources Unlimited Company The patent has been assigned to **Thomson Reuters Enterprise Centre GmbH**

2007261568 Dogwood Pharmaceuticals, Inc. The patent has been assigned to **Allergan Sales, LLC**

2007290358 Thomson Reuters Global Resources Unlimited Company The patent has been assigned to **Thomson Reuters Enterprise Centre GmbH**

2007290431 Thomson Reuters Global Resources Unlimited Company The patent has been assigned to **Thomson Reuters Enterprise Centre GmbH**

2007318121 Pactiv Corporation The patent has been assigned to **Reynolds Presto Products Inc.**

2008218246 Arconic Inc. The patent has been assigned to **Arconic Technologies LLC**

2008267121 Arconic Inc. The patent has been assigned to **Arconic Technologies LLC**

2008285362 Thomson Reuters Global Resources Unlimited Company The patent has been assigned to **Thomson Reuters Enterprise Centre GmbH**

2008317392 Thomson Reuters Global Resources Unlimited Company The patent has been assigned to **Thomson Reuters Enterprise Centre GmbH**

2009202974 Thomson Reuters Global Resources Unlimited Company The patent has been assigned to **Thomson Reuters Enterprise Centre GmbH**

2009240577 Pactiv Corporation The patent has been assigned to **Reynolds Presto Products Inc.**

2009269115 Thomson Reuters Global Resources Unlimited Company The patent has been assigned to **Thomson Reuters Enterprise Centre GmbH**

2009334509 Smith International, Inc. The patent has been assigned to **Wellbore Integrity Solutions LLC**

2010200980 Wacker Neuson Production Americas LLC The patent has been assigned to **Husqvarna AB**

2010202489 Arconic Inc. The patent has been assigned to **Arconic Technologies LLC**

2010224821 GeoSea N.V. The patent has been assigned to **DEME Off-shore BE N.V.**

2011200123 GeoSea N.V. The patent has been assigned to **DEME Off-shore BE N.V.**

2011201391 GeoSea N.V. The patent has been assigned to **DEME Off-shore BE N.V.**

2011202562 Thomson Reuters Global Resources Unlimited Company The patent has been assigned to **Thomson Reuters Enterprise Centre GmbH**

2011204902 Thomson Reuters Global Resources Unlimited Company The patent has been assigned to **Thomson Reuters Enterprise Centre GmbH**

2011232853 Thomson Reuters Global Resources Unlimited Company The patent has been assigned to **Thomson Reuters Enterprise Centre GmbH**

2011240646 SMITH INTERNATIONAL, INC. The patent has been assigned to **Wellbore Integrity Solutions LLC**

2011253680 Thomson Reuters Global Resources Unlimited Company The patent has been assigned to **Thomson Reuters Enterprise Centre GmbH**

2011253689 Thomson Reuters Global Resources Unlimited Company The patent has been assigned to **Thomson Reuters Enterprise Centre GmbH**

Assignments Registered

2011352078 Thomson Reuters Global Resources Unlimited Company The patent has been assigned to **Thomson Reuters Enterprise Centre GmbH**

2012101717 IMP Group (Pty) Ltd The patent has been assigned to **FLS-midh A/S**

2012101718 IMP Group (Pty) Ltd The patent has been assigned to **FLS-midh A/S**

2012201011 GeoSea N.V. The patent has been assigned to **DEME Off-shore BE N.V.**

2012201012 GeoSea N.V. The patent has been assigned to **DEME Off-shore BE N.V.**

2012203306 Thomson Reuters Global Resources Unlimited Company The patent has been assigned to **Thomson Reuters Enterprise Centre GmbH**

2012204091 GeoSea N.V. The patent has been assigned to **DEME Off-shore BE N.V.**

2012325747 Thomson Reuters Global Resources Unlimited Company The patent has been assigned to **Thomson Reuters Enterprise Centre GmbH**

2012336209 Thomson Reuters Global Resources Unlimited Company The patent has been assigned to **Thomson Reuters Enterprise Centre GmbH**

2013205851 Thomson Reuters Global Resources Unlimited Company The patent has been assigned to **Thomson Reuters Enterprise Centre GmbH**

2013206478 Thomson Reuters Global Resources Unlimited Company The patent has been assigned to **Thomson Reuters Enterprise Centre GmbH**

2013213681 Thomson Reuters Global Resources Unlimited Company The patent has been assigned to **Thomson Reuters Enterprise Centre GmbH**

2013222382 Smith International, Inc. The patent has been assigned to **Wellbore Integrity Solutions LLC**

2013257448 Arconic Inc. The patent has been assigned to **Arconic Technologies LLC**

2013274071 Thomson Reuters Global Resources Unlimited Company The patent has been assigned to **Thomson Reuters Enterprise Centre GmbH**

2013331585 Thomson Reuters Global Resources Unlimited Company The patent has been assigned to **Thomson Reuters Enterprise Centre GmbH**

2013350302 IMP Group (Pty) Ltd The patent has been assigned to **FLS-midh A/S**

2013350303 IMP Group (Pty) Ltd The patent has been assigned to **FLS-midh A/S**

2013371060 Thomson Reuters Global Resources Unlimited Company The patent has been assigned to **Thomson Reuters Enterprise Centre GmbH**

2014200219 Arconic Inc. The patent has been assigned to **Arconic Technologies LLC**

2014209663 Thomson Reuters Global Resources Unlimited Company The patent has been assigned to **Thomson Reuters Enterprise Centre GmbH**

2014223441 Thomson Reuters Global Resources Unlimited Company The patent has been assigned to **Thomson Reuters Enterprise Centre GmbH**

2014253660 IMP Group (Pty) Ltd The patent has been assigned to **FLS-midh A/S**

2014285073 Thomson Reuters Global Resources Unlimited Company The patent has been assigned to **Thomson Reuters Enterprise Centre GmbH**

Assignments Registered

- 2014317870 Arconic Inc. The patent has been assigned to **Arconic Technologies LLC**
- 2014317916 Thomson Reuters Global Resources Unlimited Company The patent has been assigned to **Thomson Reuters Enterprise Centre GmbH**
- 2014349834 Thomson Reuters Global Resources Unlimited Company The patent has been assigned to **Thomson Reuters Enterprise Centre GmbH**
- 2014396820 Thomson Reuters Global Resources Unlimited Company The patent has been assigned to **Thomson Reuters Enterprise Centre GmbH**
- 2015201007 Thomson Reuters Global Resources Unlimited Company The patent has been assigned to **Thomson Reuters Enterprise Centre GmbH**
- 2015203283 Thomson Reuters Global Resources Unlimited Company The patent has been assigned to **Thomson Reuters Enterprise Centre GmbH**
- 2015203812 Thomson Reuters Global Resources Unlimited Company The patent has been assigned to **Thomson Reuters Enterprise Centre GmbH**
- 2015213296 Thomson Reuters Global Resources Unlimited Company The patent has been assigned to **Thomson Reuters Enterprise Centre GmbH**
- 2015213297 Thomson Reuters Global Resources Unlimited Company The patent has been assigned to **Thomson Reuters Enterprise Centre GmbH**
- 2015217788 Bayer Pharma Aktiengesellschaft The patent has been assigned to **Deutsches Krebsforschungszentrum, Stiftung des öffentlichen Rechts**
- 2015249350 Thomson Reuters Global Resources Unlimited Company The patent has been assigned to **Thomson Reuters Enterprise Centre GmbH**
- 2015334020 Thomson Reuters Global Resources Unlimited Company The patent has been assigned to **Thomson Reuters Enterprise Centre GmbH**
- 2016209040 Arconic Inc. The patent has been assigned to **Arconic Technologies LLC**
- 2016218970 Thomson Reuters Global Resources Unlimited Company The patent has been assigned to **Thomson Reuters Enterprise Centre GmbH**
- 2016261088 Thomson Reuters Global Resources Unlimited Company The patent has been assigned to **Thomson Reuters Enterprise Centre GmbH**
- 2016269536 Thomson Reuters Global Resources Unlimited Company The patent has been assigned to **Thomson Reuters Enterprise Centre GmbH**
- 2016408336 Thomson Reuters Global Resources Unlimited Company The patent has been assigned to **Thomson Reuters Enterprise Centre GmbH**
- 2017232064 Thomson Reuters Global Resources Unlimited Company The patent has been assigned to **Thomson Reuters Enterprise Centre GmbH**
- 2018201437 Thomson Reuters Global Resources Unlimited Company The patent has been assigned to **Thomson Reuters Enterprise Centre GmbH**

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Accepted

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

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

2012346133 **Helsinn Healthcare SA**

The earliest first regulatory approval date provided by the patentee 13 Mar 2020

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Accepted

For the goods AKYNZEO IV fosnetupitant (as chloride hydrochloride)/palonosetron (as hydrochloride)

Address for service : MINTER ELLISON Attention: Nigel Lokan GPO Box 521 SYDNEY NSW 2001 AU

2013204817 **Gilead Sciences, Inc.**

The earliest first regulatory approval date provided by the patentee 22 Nov 2019

For the goods SYMTUZA darunavir/cobicistat/emtricitabine/tenofovir alafenamide

Address for service : Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

Extensions granted

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

2007235260 **Vertex Pharmaceuticals Incorporated**

The earliest first regulatory approval date provided by the patentee 05 Mar 2019

For the goods SYMDEKO tezacaftor

Extension of Term of patent pursuant to Section 77 expires on 09 Apr 2032

2008363828 **VERTEX PHARMACEUTICALS INCORPORATED**

The earliest first regulatory approval date provided by the patentee 05 Mar 2019

For the goods SYMDEKO tezacaftor

Extension of Term of patent pursuant to Section 77 expires on 12 Nov 2033

2013205183 **Vertex Pharmaceuticals Incorporated**

The earliest first regulatory approval date provided by the patentee 05 Mar 2019

For the goods SYMDEKO tezacaftor

Extension of Term of patent pursuant to Section 77 expires on 09 Apr 2032

Corrigenda

In Vol 32 , No 33 , Page(s) 4738 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Bristol-Myers Squibb Company, Application No. 2017228470, under INID (72) correct the co-inventor to Srinivasan, Mohan

In Vol 34 , No 14 , Page(s) 1987 under the heading **Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired - 2020** Delete all reference to 2020200243.

In Vol 34 , No 15 , Page(s) 2114 under the heading **Amendments - Application for Amendments** Under the name Bird Control Group B.V., Patent No. 2013408499 correct the date of statements filed to read 07 February 2020 and 27 March 2020

In Vol 34 , No 15 , Page(s) 2115 under the heading **Amendments - Application for Amendments** Under the name Bayer Pharma Aktiengesellschaft, Application No. 2015295376 correct the date of the statements filed to read 14 Feb 2020 and 13 Mar 2020

Corrigenda

In Vol 34 , No 15 , Page(s) 2167 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Shinkei Therapeutics LLC, Application No. 2018345723, under INID (54) correct the title to read Dextromethorphan transdermal delivery device

In Vol 34 , No 15 , Page(s) 2167 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Sheffield Children's NHS Foundation Trust, Application No. 2018357058, under INID (71) add co-applicant University of Sheffield

Specifications Republished

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

2014223601	Memorial Sloan-Kettering Cancer Center
2015201786	PGS Geophysical AS
2017255540	3M Innovative Properties Company
2017341162	BOE Technology Group Co., Ltd.; Hefei BOE Optoelectronics Technology Co., Ltd.
2017358571	British American Tobacco (Investments) Limited
2018214105	Vertex Pharmaceuticals Incorporated
2018250447	Toyota Jidosha Kabushiki Kaisha