



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

Contents

General Information & Notices

Amendments

Applications for Amendment	1824
Amendments Made	1824
Alteration of Name(s) of Applicant(s)/Patentee(s)	1826

Applications Accepted

Name Index	1918
Numerical Index	1957
IPC Index	1961

Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired	1819
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Applications Open to Public Inspection

Name Index	1828
Numerical Index	1840
IPC Index	1842

Assignments before Grant, Section 113	1821
---	------

Assignments Registered	1970
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Certified Innovation Patents

Name Index	1967
Numerical Index	1968
IPC Index	1969

Complete Applications Filed

Name Index	1809
Numerical Index	1815

Corrigenda	1977
------------------	------

Extensions of Term of Standard Patents	1976
--	------

Extensions of Time, Section 223	1822
Innovation Patent Applications Filed	
Name Index	1817
Numerical Index	1818
Innovation Patents Open to Public Inspection	
Name Index	1844
Numerical Index	1855
IPC Index	1856
PCT applications which have entered the National Phase	
Name Index	1858
Numerical Index	1906
IPC Index	1910
Patents Granted	1970
Opposition Proceedings	1970
Provisional Applications Filed	
Name Index	1804
Numerical Index	1808
Specifications Republished	1977

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 15 Mar 2022 .

(71) Abrahams, R. (21) 2022900606 (22) 14.03.2022 (54) Inflatable pool/snooker table	(71) AZVDV PTY LTD (21) 2022900609 (22) 14.03.2022 (54) Plush toy with interchangeable faces/expressions	(71) BRUSI, A.; GUTWIRTH, H. (21) 2022900596 (22) 11.03.2022 (54) AN EMERGENCY MEDICAL INFORMATION DEVICE
(71) Adprint Pty. Ltd. (21) 2022900655 (22) 17.03.2022 (54) Improvements relating to Promotional Banners	Bairamian, D. see Bairamian, D. (21) 2022900612	(71) Canning, J. (21) 2022900681 (22) 18.03.2022 (54) Invention
(71) Annear, M. (21) 2022900662 (22) 17.03.2022 (54) MAST ATTACHMENT SYSTEM	(71) Bairamian, D.; Bairamian, D. (21) 2022900612 (22) 14.03.2022 (54) An augmented reality point of view synchronisation system	(71) Changzhou Le Sun Pharmaceuticals Limited (21) 2022900703 (22) 21.03.2022 (54) METHOD OF TREATING VIRAL INFECTIONS
(71) AQUIRIAN TECHNOLOGY PTY LTD (21) 2022900631 (22) 15.03.2022 (54) A METHOD AND APPARATUS FOR DEPLOYING A LINING FOR EXPLOSIVES INTO A BLAST HOLE	(71) Baraja Pty Ltd (21) 2022900594 (22) 11.03.2022 (54) Spatial estimation system with object state detection	(71) Chromoxyion Pty Ltd (21) 2022900647 (22) 16.03.2022 (54) Sex-specific spermatozoa selection
(71) ASTC HOLDINGS PTY LTD (21) 2022900652 (22) 16.03.2022 (54) VLAB Virtual Development Machine New Method and Apparatus for Virtual Prototyping (Virtual Platform Simulator) Development and Application	(71) BASHER, M.; HANNA, R. (21) 2022900701 (22) 21.03.2022 (54) APPARATUS, SYSTEM AND METHODS FOR MANAGING A BALL ON A SPORTS GROUND	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2022900663 (22) 17.03.2022 (54) A TRANSFERRABLE PHOTOVOLTAIC DEVICE
(71) Aucentra Therapeutics Pty Ltd (21) 2022900659 (22) 17.03.2022 (54) USE OF 4-THIAZOL-N-(PYRIDIN-2-YL)PYRIMIDIN-2-AMINE DERIVATIVES IN COMBINATION THERAPIES FOR CANCER	(71) Battaglia, S. (21) 2022900661 (22) 17.03.2022 (54) Cap Light Device	(71) Copper Care Wood Preservatives, Inc. (21) 2022900711 (22) 22.03.2022 (54) Purgeable injection apparatus for preservative replenishment of embedded foundation preservation wraps
(71) Aucentra Therapeutics Pty Ltd (21) 2022900660 (22) 17.03.2022 (54) USE OF 5-(2-((5-(4-(DIMETHYLAMINO)PIPERIDIN-1-YL)PYRIDIN-2-YL)AMINO)-5-FLUOROPYRIMIDIN-4-YL)-N,4-DIMETHYLTHIAZOL-2-AMINE IN COMBINATION THERAPIES FOR CANCER	(71) Beaver Technology Services Pty Limited (21) 2022900639 (22) 16.03.2022 (54) Height Safety Davit With Fail-Safe Mechanism	(71) Cox, E. (21) 2022900713 (22) 22.03.2022 (54) Kids & Family App that teaches child how to self-regulate their emotions. Trauma and Divorce care for kids
(71) Aucentra Therapeutics Pty Ltd (21) 2022900660 (22) 17.03.2022 (54) USE OF 5-(2-((5-(4-(DIMETHYLAMINO)PIPERIDIN-1-YL)PYRIDIN-2-YL)AMINO)-5-FLUOROPYRIMIDIN-4-YL)-N,4-DIMETHYLTHIAZOL-2-AMINE IN COMBINATION THERAPIES FOR CANCER	(71) Breville Pty Limited (21) 2022900704 (22) 21.03.2022 (54) Packaging system	(71) CROTTY, T. (21) 2022900664 (22) 17.03.2022 (54) Image enhancement system and method
	(71) BROLOCK PTY LTD (21) 2022900716 (22) 22.03.2022 (54) SELF-CLOSING HINGE WITH TENSION ADJUSTER	

Provisional Applications Filed - Name Index cont'd

<p>(71) CSL Innovation Pty Ltd (21) 2022900636 (22) 16.03.2022 (54) Method of treating an eosinophil-associated disease</p>	<p>(71) Elkheir, Y. (21) 2022900629 (22) 15.03.2022 (54) Soundproofing Blender</p>	<p>(71) Harrop, D. (21) 2022900683 (22) 19.03.2022 (54) Alternator/Generator for Charging Electric Vehicles(EV) Batteries</p>
<p>(71) Cunningham, S. (21) 2022900653 (22) 16.03.2022 (54) Heterojunction Unipolar Transistor with Induced Base Layer</p>	<p>(71) Engineering & Industrial Solutions Group Pty Ltd (21) 2022900637 (22) 16.03.2022 (54) A coal shearer drum</p>	<p>(71) HENDERSON, D.; RAJENDRAM, G. (21) 2022900608 (22) 14.03.2022 (54) LIMING MATERIAL</p>
<p>(71) Curtis, C. (21) 2022900600 (22) 11.03.2022 (54) Bung Lock</p>	<p>(71) Erickson, B. (21) 2022900667 (22) 18.03.2022 (54) Hot wire-cutting device for doubly curved surfaces</p>	<p>(71) Hurst, G. (21) 2022900670 (22) 18.03.2022 (54) Heat exchanger and heat exchange member therefor</p>
<p>(71) DAVID PENN CONSULTING PTY LTD (21) 2022900682 (22) 18.03.2022 (54) AN AIR DELIVERY NOZZLE ENHANCING DENTAL FIELD IMAGERY .</p>	<p>(71) EVEDA AUSNZ PTY LTD (21) 2022900626 (22) 15.03.2022 (54) A COMPUTER SYSTEM FOR DIAGNOSTIC ASSESSMENTS AND A METHOD THEREOF</p>	<p>(71) Integrated Planning and Design Pty Ltd (21) 2022900688 (22) 21.03.2022 (54) A vertical planter system</p>
<p>(71) Defence Science and Technology Group (21) 2022900657 (22) 17.03.2022 (54) Paint formulation</p>	<p>(71) Exeloo Limited (21) 2022900656 (22) 17.03.2022 (54) A MOUNTING ASSEMBLY FOR A SLIDING DOOR</p>	<p>(71) Jenkins, P. (21) 2022900698 (22) 21.03.2022 (54) Non-invasive Stimulation Apparatus and Method for Rehabilitation and Treatment of Sexual Dysfunctions</p>
<p>(71) Delica Therapeutics Pty Ltd (21) 2022900634 (22) 16.03.2022 (54) Treatment for neurological conditions</p>	<p>Fagerlund, R. see Taylor, Jr, D. (21) 2022900672</p>	<p>(71) Jet Tech Products Pty Ltd (21) 2022900595 (22) 11.03.2022 (54) Chassis Cleaning Device</p>
<p>(71) DMTC Limited (21) 2022900706 (22) 21.03.2022 (54) MIP Inhibitors</p>	<p>Fineran, P. see Taylor, Jr, D. (21) 2022900672</p>	<p>(71) JWL Marketing Pty Ltd (21) 2022900623 (22) 14.03.2022 (54) Welding Trolley</p>
<p>(71) Dolce Cann Global Pty Ltd (21) 2022900643 (22) 16.03.2022 (54) Compositions and Methods for Treating Non-Neurological Disorders</p>	<p>(71) Fleet Space Technologies Pty Ltd (21) 2022900680 (22) 18.03.2022 (54) Satellite-enabled node for ambient noise tomography</p>	<p>(71) Kahler, A. (21) 2022900665 (22) 18.03.2022 (54) COMPUTER-IMPLEMENTED SYSTEM AND METHOD FOR PROVIDING EMERGENCY ALERTS</p>
<p>(71) Dolce Cann Global Pty Ltd (21) 2022900644 (22) 16.03.2022 (54) Compositions and Methods for Treating Non-Neurological Disorders with Combination Products</p>	<p>(71) FST INNOVATION PTY LTD (21) 2022900638 (22) 16.03.2022 (54) FIRE PROTECTION ASSET IDENTITY AND MANAGEMENT</p>	<p>Kalliontzis, J. see Kalliontzis, G. (21) 2022900714</p>
<p>DRYSDALE, L. see SMITH, C. (21) 2022900621</p>	<p>(71) Gannon, R. (21) 2022900628 (22) 15.03.2022 (54) Assisted plant propagation by ion migration and electrical effects</p>	<p>(71) Kalliontzis, G.; Kalliontzis, J. (21) 2022900714 (22) 22.03.2022 (54) A Hinge Jig and a Jamb Alignment Tool</p>
<p>(71) Dunlop, C. (21) 2022900673 (22) 18.03.2022 (54) PROTECTIVE COVER FOR AN ANAESTHETIC BREATHING CIRCUIT</p>	<p>(71) Gulikov, P. (21) 2022900627 (22) 15.03.2022 (54) Computer System and Method Relating to Adult Entertainment</p>	<p>(71) Keogh, J. (21) 2022900624 (22) 14.03.2022 (54) Teeth colour correcting chewing gum</p>
<p>(71) Duvall Enterprises (21) 2022900605 (22) 13.03.2022 (54) New shaver handle</p>	<p>GUTWIRTH, H. see BRUSI, A. (21) 2022900596</p>	<p>(71) Kulkarni, S. (21) 2022900684 (22) 20.03.2022 (54) MACHINE LEARNING MODEL FOR GROUP ACTIVITY RECOGNITION FROM VIDEO SEQUENCES BASED ON HUMAN INTERACTION CONTEXTUAL INFORMATION</p>
	<p>HANNA, R. see BASHER, M. (21) 2022900701</p>	

Provisional Applications Filed - Name Index cont'd

(71) Lenexa Medical Pty Ltd
(21) 2022900676 (22) 18.03.2022
(54) Systems, methods, and devices for detecting pressure on a surface

(71) LÖHNERT, T.
(21) 2022900610 (22) 14.03.2022
(54) Vehicle hitch mountable hammock accessory

(71) Lyramid Limited
(21) 2022900678 (22) 18.03.2022
(54) Splice-switching oligonucleotides

(71) Macquarie University
(21) 2022900599 (22) 11.03.2022
(54) Micro-nano clustered films

(71) Macquarie University
(21) 2022900648 (22) 16.03.2022
(54) TUNABLE PARAMETRIC RESONATOR

(71) Magellan Stem Cells Pty Ltd
(21) 2022900712 (22) 22.03.2022
(54) Method

(71) Master Cladders Pty Ltd
(21) 2022900649 (22) 16.03.2022
(54) TRADE MASTER Tool Belt Fall Arrest

(71) MCILROY, N.M.
(21) 2022900669 (22) 18.03.2022
(54) CONTOUR FOLLOWER APPARATUS

(71) MOLTENO OPHTHALMIC LIMITED
(21) 2022900691 (22) 21.03.2022
(54) A restriction on the drainage tube for an ophthalmic implant for treating glaucoma, packed and sterilized ready for use.

(71) Momoh, I.
(21) 2022900650 (22) 16.03.2022
(54) NZT 48 (Revised)

(71) Moore, R.
(21) 2022900654 (22) 17.03.2022
(54) Useful Aesthetic Pendant

(71) Mowla, S.J.
(21) 2022900603 (22) 12.03.2022
(54) 3q26-29Amp and 3qnormal Subtypes of squamous cell carcinoma lung cancer with differential survival rates and prognostic values

(71) Mullaney, N.
(21) 2022900675 (22) 18.03.2022
(54) Barometric pressure generator cell

(71) Myriota Pty Ltd
(21) 2022900611 (22) 14.03.2022
(54) COARSE GEOLOCATION OF REMOTE TERMINALS

(71) Neurotech International Ltd
(21) 2022900640 (22) 16.03.2022
(54) Compositions and methods for treating neurological disorders

(71) Neurotech International Ltd
(21) 2022900642 (22) 16.03.2022
(54) Compositions and methods for treating neurological disorders with combination products

(71) NewSouth Innovations Pty Limited
(21) 2022900617 (22) 14.03.2022
(54) Delay-doppler domain channel estimation and frame synchronization

(71) NewSouth Innovations Pty Limited
(21) 2022900689 (22) 21.03.2022
(54) A method for producing polymeric particles

(71) Newton, M.
(21) 2022900614 (22) 14.03.2022
(54) Improved Steam Boiler

(71) Next Level Racing Simulations Pty Ltd
(21) 2022900592 (22) 11.03.2022
(54) A HAPTIC FEEDBACK DEVICE AND METHOD OF USE THEREOF

(71) NTHALMIC HOLDING PTY LTD
(21) 2022900686 (22) 21.03.2022
(54) Gaming devices, methods, and apparatus for myopia management

(71) Nutrition Science Design Pte. Ltd
(21) 2022900668 (22) 18.03.2022
(54) Methods of feeding polyphenols to animals

(71) Olivia Newton-John Cancer Research Institute; University of Cape Town
(21) 2022900635 (22) 16.03.2022
(54) Methods for predicting clinical benefit from immune checkpoint inhibitor therapy

(71) Outdoor Gear Pty. Ltd.
(21) 2022900618 (22) 14.03.2022
(54) COLLAPSIBLE CAMPING FURNITURE SYSTEM

(71) Paradigm Fuels Pty Ltd
(21) 2022900591 (22) 11.03.2022
(54) A System for Generating and Using Carbon Dioxide for Algal Growth

(71) Partridge, J.
(21) 2022900616 (22) 14.03.2022
(54) A DEVICE AND METHOD OF USE THEREOF

(71) Peter MacCallum Cancer Institute; The University of Melbourne
(21) 2022900646 (22) 16.03.2022
(54) Targeted delivery of theranostic agents

(71) Phelan, R.
(21) 2022900674 (22) 18.03.2022
(54) RAILWAY ACCESS PLATFORM

(71) Prenario Pty Ltd
(21) 2022900666 (22) 18.03.2022
(54) SYSTEM AND METHOD FOR DECISION MAKING

(71) Procure Electrical Solutions
(21) 2022900613 (22) 14.03.2022
(54) Actuated Turbine

(71) ProTag Limited
(21) 2022900715 (22) 22.03.2022
(54) SYSTEM FOR LOCATION MONITORING AND USES THEREOF

(71) Punchbowl Packaging Ltd
(21) 2022900622 (22) 14.03.2022
(54) An Improved Bag-placing Apparatus and Process

(71) PURTON, W.W.
(21) 2022900602 (22) 11.03.2022
(54) A BEVERAGE MAKER

(71) Q-CTRL Pty Ltd
(21) 2022900597 (22) 11.03.2022
(54) Error robust quantum compiler

RAJENDRAM, G. see HENDERSON, D.
(21) 2022900608

(71) Ranken, S.M.
(21) 2022900693 (22) 21.03.2022
(54) Mechanisms and Methods for Wool Severance

Provisional Applications Filed - Name Index cont'd

(71) ResMed Pty Ltd
(21) 2022900671 (22) 18.03.2022
(54) POSITIONING, STABILISING, AND INTERFACING STRUCTURES AND SYSTEM INCORPORATING SAME

(71) Saluda Medical Pty Ltd
(21) 2022900717 (22) 22.03.2022
(54) Improved programming of neurostimulation therapy

(71) SCF Group Pty Ltd
(21) 2022900692 (22) 21.03.2022
(54) BULK POWDER TANK IMPROVEMENTS

(71) SIDC PTY LTD
(21) 2022900619 (22) 14.03.2022
(54) MODULAR METHOD FOR BUILDING WALL CONSTRUCTION

(71) Silicon Quantum Computing Pty Limited
(21) 2022900615 (22) 14.03.2022
(54) Quantum processing systems and methods

(71) Silicon Quantum Computing Pty Limited
(21) 2022900620 (22) 14.03.2022
(54) Engineered quantum processing elements

(71) SKYGROW PTY LTD
(21) 2022900625 (22) 14.03.2022
(54) PLANTING VEHICLE, SYSTEM AND METHOD

(71) Slim By Nature Pty Ltd T/A SBN Wellness
(21) 2022900641 (22) 16.03.2022
(54) Formulation to aid metabolism and sleep

(71) SMITH, C.; DRYSDALE, L.
(21) 2022900621 (22) 14.03.2022
(54) Automated human motion recognition worksite auditing

(71) Spark, I.
(21) 2022900709 (22) 21.03.2022
(54) Computer-controlled differential

(71) Spira Health Pty Ltd
(21) 2022900598 (22) 11.03.2022
(54) Respiratory training device

(71) STRATI, R.
(21) 2022900593 (22) 11.03.2022
(54) MOBILE SPRAYING ASSEMBLY

(71) Taylor, Jr, D.; Fagerlund, R.; Fineran, P.
(21) 2022900672 (22) 18.03.2022
(54) TYPE I-D CRISPR-CAS SYSTEMS AND USES THEREOF

(71) Technofast Industries Pty Ltd
(21) 2022900658 (22) 17.03.2022
(54) Radial Fit Coupling Bolts

(71) Technological Resources Pty. Limited
(21) 2022900604 (22) 12.03.2022
(54) BIOMASS DIRECT REDUCED IRON

(71) Tesla UV Decontamination Systems Pty. Ltd.
(21) 2022900702 (22) 21.03.2022
(54) A Hygiene Device For A Goods Carrier And Disinfection System Therefor

(71) The Australian National University
(21) 2022900601 (22) 11.03.2022
(54) Response estimation to efficiently capture dynamic response gain changes in multifocal responses

(71) Thermaguard Pty Ltd
(21) 2022900677 (22) 18.03.2022
(54) An eyelet and pillar for securing radiant shields to trucks

The University of Melbourne see Peter MacCallum Cancer Institute
(21) 2022900646

(71) The University of Sydney
(21) 2022900687 (22) 21.03.2022
(54) Methods of processing cellulosic materials, composites derived therefrom and use thereof

(71) Thompson, M.
(21) 2022900695 (22) 21.03.2022
(54) APPARATUS FOR CONVERTING OCEAN WAVE ENERGY INTO ELECTRICITY

University of Cape Town see Olivia Newton-John Cancer Research Institute
(21) 2022900635

(71) University of Western Australia
(21) 2022900630 (22) 15.03.2022
(54) A Gravity Gradiometer

(71) University of Western Australia
(21) 2022900685 (22) 21.03.2022
(54) SYSTEM AND METHOD FOR AIRBORNE ELECTROMAGNETIC SURVEYING

(71) Vanjari, R.
(21) 2022900651 (22) 16.03.2022
(54) Purchase Amount Bidding

(71) Vanjari, R.
(21) 2022900679 (22) 18.03.2022
(54) One-Click Application and Termination for Banking Products

(71) Visser, R.
(21) 2022900645 (22) 16.03.2022
(54) A fencing post tie wire fastening tool

(71) Visy R&D PTY Limited
(21) 2022900694 (22) 21.03.2022
(54) A DIVIDER FOR A CARTON

(71) VIVA FISHING TACKLE AUSTRALIA PTY LTD
(21) 2022900710 (22) 22.03.2022
(54) Rechargeable Prawn/Flounder light

(71) WEIR MINERALS AUSTRALIA LTD
(21) 2022900690 (22) 21.03.2022
(54) AUSTENITIC MANGANESE STEEL WITH REFINED GRAIN STRUCTURE

(71) Woodside Energy Technologies Pty Ltd
(21) 2022900633 (22) 15.03.2022
(54) FIRE SUPPRESSION SYSTEM AND METHOD

(71) Xero Limited
(21) 2022900632 (22) 15.03.2022
(54) Computing apparatus, method, and program for data reconciliation

(71) Xero Limited
(21) 2022900697 (22) 21.03.2022
(54) Methods, systems, and computer-readable media for generating labelled datasets

(71) Yeomans, A.
(21) 2022900607 (22) 14.03.2022
(54) HEAT ENERGY STORAGE METHOD AND APPARATUS FOR USE WITH SOLAR ENERGY COLLECTING APPARATUS

Numerical Index

2022900591	Paradigm Fuels Pty Ltd	2022900657	Defence Science and Technology Group
2022900592	Next Level Racing Simulations Pty Ltd	2022900658	Technofast Industries Pty Ltd
2022900593	STRATI, R.	2022900659	Aucentra Therapeutics Pty Ltd
2022900594	Baraja Pty Ltd	2022900660	Aucentra Therapeutics Pty Ltd
2022900595	Jet Tech Products Pty Ltd	2022900661	Battaglia, S.
2022900596	BRUSI, A.; GUTWIRTH, H.	2022900662	Annear, M.
2022900597	Q-CTRL Pty Ltd	2022900663	Commonwealth Scientific and Industrial Research Organisation
2022900598	Spira Health Pty Ltd	2022900664	CROTTY, T.
2022900599	Macquarie University	2022900665	Kahler, A.
2022900600	Curtis, C.	2022900666	Prenario Pty Ltd
2022900601	The Australian National University	2022900667	Erickson, B.
2022900602	PURTON, W.W.	2022900668	Nutrition Science Design Pte. Ltd
2022900603	Mowla, S.J.	2022900669	MCILROY, N.M.
2022900604	Technological Resources Pty. Limited	2022900670	Hurst, G.
2022900605	Duvall Enterprises	2022900671	ResMed Pty Ltd
2022900606	Abrahams, R.	2022900672	Taylor, Jr, D.; Fagerlund, R.; Fineran, P.
2022900607	Yeomans, A.	2022900673	Dunlop, C.
2022900608	HENDERSON, D.; RAJENDRAM, G.	2022900674	Phelan, R.
2022900609	AZVDV PTY LTD	2022900675	Mullaney, N.
2022900610	LÖHNERT, T.	2022900676	Lenexa Medical Pty Ltd
2022900611	Myriota Pty Ltd	2022900677	Thermaguard Pty Ltd
2022900612	Bairamian, D.; Bairamian, D.	2022900678	Lyramid Limited
2022900613	Procure Electrical Solutions	2022900679	Vanjari, R.
2022900614	Newton, M.	2022900680	Fleet Space Technologies Pty Ltd
2022900615	Silicon Quantum Computing Pty Limited	2022900681	Canning, J.
2022900616	Partridge, J.	2022900682	DAVID PENN CONSULTING PTY LTD
2022900617	NewSouth Innovations Pty Limited	2022900683	Harrop, D.
2022900618	Outdoor Gear Pty. Ltd.	2022900684	Kulkarni, S.
2022900619	SIDC PTY LTD	2022900685	University of Western Australia
2022900620	Silicon Quantum Computing Pty Limited	2022900686	NTHALMIC HOLDING PTY LTD
2022900621	SMITH, C.; DRYSDALE, L.	2022900687	The University of Sydney
2022900622	Punchbowl Packaging Ltd	2022900688	Integrated Planning and Design Pty Ltd
2022900623	JWL Marketing Pty Ltd	2022900689	NewSouth Innovations Pty Limited
2022900624	Keogh, J.	2022900690	WEIR MINERALS AUSTRALIA LTD
2022900625	SKYGROW PTY LTD	2022900691	MOLTENO OPHTHALMIC LIMITED
2022900626	EVEDA AUSNZ PTY LTD	2022900692	SCF Group Pty Ltd
2022900627	Gulikov, P.	2022900693	Ranken, S.M.
2022900628	Gannon, R.	2022900694	Visy R&D PTY Limited
2022900629	Elkheir, Y.	2022900695	Thompson, M.
2022900630	University of Western Australia	2022900697	Xero Limited
2022900631	AQUIRIAN TECHNOLOGY PTY LTD	2022900698	Jenkins, P.
2022900632	Xero Limited	2022900701	BASHER, M.; HANNA, R.
2022900633	Woodside Energy Technologies Pty Ltd	2022900702	Tesla UV Decontamination Systems Pty. Ltd.
2022900634	Delica Therapeutics Pty Ltd	2022900703	Changzhou Le Sun Pharmaceuticals Limited
2022900635	Olivia Newton-John Cancer Research Institute; University of Cape Town	2022900704	Breville Pty Limited
2022900636	CSL Innovation Pty Ltd	2022900706	DMTC Limited
2022900637	Engineering & Industrial Solutions Group Pty Ltd	2022900709	Spark, I.
2022900638	FST INNOVATION PTY LTD	2022900710	VIVA FISHING TACKLE AUSTRALIA PTY LTD
2022900639	Beaver Technology Services Pty Limited	2022900711	Copper Care Wood Preservatives, Inc.
2022900640	Neurotech International Ltd	2022900712	Magellan Stem Cells Pty Ltd
2022900641	Slim By Nature Pty Ltd T/A SBN Wellness	2022900713	Cox, E.
2022900642	Neurotech International Ltd	2022900714	Kalliontzis, G.; Kalliontzis, J.
2022900643	Dolce Cann Global Pty Ltd	2022900715	ProTag Limited
2022900644	Dolce Cann Global Pty Ltd	2022900716	BROLOCK PTY LTD
2022900645	Visser, R.	2022900717	Saluda Medical Pty Ltd
2022900646	Peter MacCallum Cancer Institute; The University of Melbourne		
2022900647	Chromoxyion Pty Ltd		
2022900648	Macquarie University		
2022900649	Master Cladders Pty Ltd		
2022900650	Momoh, I.		
2022900651	Vanjari, R.		
2022900652	ASTC HOLDINGS PTY LTD		
2022900653	Cunningham, S.		
2022900654	Moore, R.		
2022900655	Adprint Pty. Ltd.		
2022900656	Exeloo Limited		

Complete Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 15 Mar 2022 .

. (*) Title not in Roman characters

. (**) Title not given

<hr/> <p>(71) Zseventy bio, Inc. (21) 2022201775 (22) 15.03.2022 (54) TGFβ signal convertor (62) 2017362484</p> <hr/> <p>(71) Acceleron Pharma Inc. (21) 2022201698 (22) 11.03.2022 (54) Variant ActRIIB proteins and uses thereof (62) 2017338916</p> <hr/> <p>(71) Adobe Inc. (21) 2022201703 (22) 11.03.2022 (54) GENERATING MODIFIED DIGITAL IMAGES USING DEEP VISUAL GUIDED PATCH MATCH MODELS FOR IMAGE INPAINTING (31) 17/202,019 (32) 15.03.21 (33) US</p> <hr/> <p>(71) Aerie Pharmaceuticals, Inc. (21) 2022201709 (22) 11.03.2022 (54) MONO-(ACID) SALTS OF 6-AMINOISOQUINOLINES AND USES THEREOF (62) 2019245390</p> <hr/> <p>(71) AGILE MANAGEMENT OFFICE PTY LTD (21) 2022201632 (22) 09.03.2022 (54) Method and tool for practical in the moment anxiety relief (31) 2021900992 (32) 06.04.21 (33) AU</p> <hr/> <p>(71) Agot Co. (21) 2022201680 (22) 10.03.2022 (54) IMAGE-BASED KITCHEN TRACKING SYSTEM WITH DYNAMIC LABELING MANAGEMENT (31) 63/160,668 (32) 12.03.21 (33) US 17/690,537 09.03.22 US</p> <hr/> <p>(71) Agot Co. (21) 2022201681 (22) 10.03.2022 (54) IMAGE-BASED KITCHEN TRACKING SYSTEM WITH METRIC MANAGEMENT AND KITCHEN DISPLAY SYSTEM (KDS) INTEGRATION (31) 63/160,668 (32) 12.03.21 (33) US 17/690,539 09.03.22 US</p> <hr/> <p>(71) Airvana LP (21) 2022201683 (22) 10.03.2022</p>	<p>(54) Scheduling the same resource in radio access networks (62) 2021201369</p> <hr/> <p>(71) Altor BioScience Corporation (21) 2022201758 (22) 14.03.2022 (54) IL-15-based molecules and methods of use thereof (62) 2020204408</p> <hr/> <p>(71) Amgen Inc. (21) 2022201696 (22) 11.03.2022 (54) Injector and method of assembly (62) 2019261688</p> <hr/> <p>(71) Anago Limited (21) 2022201621 (22) 09.03.2022 (54) A Blade Sharpness Testing Device</p> <hr/> <p>(71) Angel Group Co., Ltd. (21) 2022201678 (22) 10.03.2022 (54) TABLE GAME MANAGEMENT SYSTEM AND GAME TOKEN (62) 2020205218</p> <hr/> <p>(71) Angel Group Co., Ltd. (21) 2022201690 (22) 11.03.2022 (54) INSPECTION SYSTEM (31) 2021-040865 (32) 12.03.21 (33) JP</p> <hr/> <p>(71) Angel Group Co., Ltd. (21) 2022201701 (22) 11.03.2022 (54) A METHOD FOR ADMINISTRATING A PACKAGE OF SHUFFLED PLAYING CARDS (62) 2021200820</p> <hr/> <p>(71) Angel Group Co., Ltd. (21) 2022201707 (22) 11.03.2022 (54) Disposal box for used playing cards (62) 2020203142</p> <hr/> <p>(71) Apex Brands, Inc. (21) 2022201767 (22) 15.03.2022 (54) PIPE WRENCH WITH IMPROVED DESIGN FOR SIDE BITE (62) 2019417576</p> <hr/> <p>(71) Apple Inc. (21) 2022201622 (22) 09.03.2022</p>	<p>(54) Touch screen device, method, and graphical user interface for determining commands by applying heuristics (62) 2020260488</p> <hr/> <p>(71) Apple Inc. (21) 2022201720 (22) 11.03.2022 (54) User interfaces with variable appearances (31) 63/160,909 (32) 14.03.21 (33) US 63/210,388 14.06.21 US 63/281,620 19.11.21 US</p> <hr/> <p>(71) Apple Inc. (21) 2022201761 (22) 15.03.2022 (54) Physical activity and workout monitor (62) 2021201130</p> <hr/> <p>(71) Ardelyx, Inc. (21) 2022201708 (22) 11.03.2022 (54) Compounds and methods for inhibiting phosphate transport (62) 2019271918</p> <hr/> <p>(71) Aristocrat Technologies, Inc. (21) 2022201759 (22) 14.03.2022 (54) BONUS ROUND FOR VIDEO KENO GAME (31) 17/201,197 (32) 15.03.21 (33) US</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2022201689 (22) 10.03.2022 (54) GAMING MACHINE AND TOUCH SCREEN SYSTEM AND METHOD FOR A GAMING MACHINE</p> <hr/> <p>(71) Array Technologies, INC. (21) 2022201695 (22) 11.03.2022 (54) MOUNTING BRACKET ASSEMBLIES AND METHODS (62) PCT/US2017/020558</p> <hr/> <p>(71) Ayr Ltd (21) 2022201636 (22) 09.03.2022 (54) E-cigarette personal vaporizer (62) 2019240595</p> <hr/> <p>(71) Baylor College of Medicine (21) 2022201744 (22) 14.03.2022</p>
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Complete Applications Filed - Name Index cont'd

(54) NKT-cell subset for in vivo persistence and therapeutic activity and propagation of same
(62) 2016250598

(71) Becton, Dickinson and Company
(21) 2022201766 (22) 15.03.2022
(54) Cyclophosphamide analogs for use as immunogens and assay conjugates for an immunoassay of cyclophosphamide and ifosfamide
(62) 2016318613

(71) Becton, Dickinson and Company
(21) 2022201785 (22) 15.03.2022
(54) Disinfection cap for IV needleless connectors
(62) 2017208921

Beeologics, Inc. see Monsanto Technology LLC
(21) 2022201685

(71) Beijing Baidu Netcom Science Technology Co., Ltd.
(21) 2022201682 (22) 10.03.2022
(54) Method and apparatus for denoising quantum device, electronic device, and computer readable medium
(31) 202110647964.5 (32) 10.06.21 (33) CN

(71) Beijing Tusen Zhitu Technology Co., Ltd.
(21) 2022201649 (22) 09.03.2022
(54) Method and apparatus for detecting lane lines, electronic device and storage medium
(31) 202110358313.4 (32) 01.04.21 (33) CN

(71) Berkeley Lights, Inc.
(21) 2022201620 (22) 09.03.2022
(54) Well-plate incubator
(62) 2016331926

(71) Beta Therapeutics Pty Ltd
(21) 2022201731 (22) 11.03.2022
(54) Heparanase inhibitors and use thereof
(62) 2017376818

(71) Blackhawk Network, Inc.
(21) 2022201784 (22) 15.03.2022
(54) Computer-based data collection, management, and forecasting
(62) 2016284035

(71) Body Vision Medical Ltd.
(21) 2022201732 (22) 11.03.2022
(54) METHODS AND SYSTEMS FOR USING MULTI VIEW POSE ESTIMATION
(62) 2017231889

(71) Bray, M.
(21) 2022201691 (22) 11.03.2022
(54) Gutter, Tank or Container Lid, Tank or Container and Method
(31) 773880 (32) 12.03.21 (33) NZ

(71) Brilliant Light Power, Inc.
(21) 2022201627 (22) 09.03.2022
(54) Thermophotovoltaic electrical power generator
(62) 2016260177

(71) CA Casyso GmbH
(21) 2022201777 (22) 15.03.2022
(54) Blood testing system and method
(62) 2021200600

(71) Clean Air-Engineering - Maritime, Inc.
(21) 2022201687 (22) 10.03.2022
(54) Movable emission control system for auxiliary diesel engines
(62) 2019275303

(71) Commonwealth Scientific and Industrial Research Organisation
(21) 2022201774 (22) 15.03.2022
(54) Object Moving System
(62) 2020331567

(71) COMPOSECURE, LLC
(21) 2022201714 (22) 11.03.2022
(54) TRANSACTION CARD WITH EMBEDDED ELECTRONIC COMPONENTS AND PROCESS FOR MANUFACTURE
(62) 2018330181

Danstar Ferment AG see Institut National D'etudes Supérieures Agronomiques de Montpellier (Montpellier SupAgro)
(21) 2022201675

(71) Dolby International AB
(21) 2022201676 (22) 10.03.2022
(54) Model based prediction in a critically sampled filterbank
(62) 2021200013

(71) Drylet, LLC
(21) 2022201776 (22) 15.03.2022
(54) Compositions and methods of increasing survival rate and growth rate of Livestock
(62) 2017293841

(71) EKK Holdings Pty Limited
(21) 2022201669 (22) 10.03.2022
(54) A MOBILE GUARD RAIL ASSEMBLY AND METHOD OF USE THEREOF
(31) 2021900684 (32) 10.03.21 (33) AU

(71) Emerald Cloud Lab, Inc.
(21) 2022201694 (22) 11.03.2022
(54) System and method for management, execution, and analysis of laboratory experiments
(62) 2016287730

(71) Equinix, Inc.
(21) 2022201786 (22) 15.03.2022
(54) Interconnection platform for real-time configuration and management of a cloud-based services exchange
(62) 2020203877

(71) EveryPoint, Inc.
(21) 2022201728 (22) 11.03.2022
(54) Performing object modeling by combining visual data from images with motion data of the image acquisition device
(31) 17/209,039 (32) 22.03.21 (33) US

(71) Fisher & Paykel Healthcare Limited
(21) 2022201743 (22) 14.03.2022
(54) Humidification system
(62) 2019250204

(71) FlexSteel Pipeline Technologies, Inc.
(21) 2022201646 (22) 09.03.2022
(54) Half-moon lifting device
(62) 2020202284

(71) Genentech, Inc.
(21) 2022201773 (22) 15.03.2022
(54) Anti-transferrin receptor antibodies and methods of use
(62) 2020200355

GENENTECH, INC. see RQX PHARMACEUTICALS, INC.
(21) 2022201724

(71) Gen-Probe Incorporated
(21) 2022201757 (22) 14.03.2022
(54) Multi-well tray and rack therefore
(62) 2020202389

(71) Globe (Jiangsu) Co., Ltd.
(21) 2022201648 (22) 09.03.2022
(54) POWER TOOL, DETECTION CIRCUIT AND DETECTION METHOD OF LOAD STATE OF POWER TOOL
(31) 202110265058.9 (32) 09.03.21 (33) CN

(71) Google LLC
(21) 2022201673 (22) 10.03.2022
(54) LOW OVERHEAD QUANTUM COMPUTATION USING LATTICE SURGERY
(62) 2019316554

Complete Applications Filed - Name Index cont'd

(71) Google LLC
 (21) 2022201674 (22) 10.03.2022
 (54) LOW OVERHEAD QUANTUM COM-
 PUTATION USING LATTICE SUR-
 GERY
 (62) 2019316554

(71) GreenLight Biosciences, Inc.
 (21) 2022201684 (22) 10.03.2022
 (54) METHODS AND COMPOSITIONS
 FOR CONTROL OF ARTHROPOD
 PESTS

(71) Halliburton Energy Services, Inc.
 (21) 2022201619 (22) 09.03.2022
 (54) SYSTEMS AND METHODS FOR
 POWER EQUALIZATION FOR MUL-
 TIPLE DOWNHOLE TRACTORS
 (31) 63/222,576 (32) 16.07.21 (33) US

(71) HENSOLDT Sensors GmbH
 (21) 2022201692 (22) 11.03.2022
 (54) Additively Manufactured Structure and
 Method of Manufacturing the Same
 (31) 21166339.8 (32) 31.03.21 (33) EP

(71) Huawei Technologies Co., Ltd.
 (21) 2022201754 (22) 14.03.2022
 (54) MESSAGE AND SYSTEM FOR AP-
 PPLICATION FUNCTION INFLUENCE
 ON TRAFFIC ROUTING
 (62) 2019268489

(71) Hyperfine, Inc.
 (21) 2022201765 (22) 15.03.2022
 (54) PULSE SEQUENCES FOR LOW
 FIELD MAGNETIC RESONANCE
 (62) 2020204323

(71) Illinois Tool Works Inc.
 (21) 2022201637 (22) 09.03.2022
 (54) Fastening with load indicator
 (62) 2019283864

(71) Incyte Holdings Corporation
 (21) 2022201630 (22) 09.03.2022
 (54) Processes for preparing JAK inhibitors
 and related intermediate compounds
 (62) 2020201709

(71) Institut National D'etudes Supérieures
 Agronomiques de Montpellier (Mont-
 pellier SupAgro); Institut nation-
 al de recherche pour l'agriculture,
 l'alimentation et l'environnement; Dan-
 star Ferment AG
 (21) 2022201675 (22) 10.03.2022
 (54) Compositions comprising yeast cells
 and polyphenols and their use
 (62) 2016254819

Institut national de recherche
 pour l'agriculture, l'alimentation et
 l'environnement see Institut National
 D'etudes Supérieures Agronomiques de
 Montpellier (Montpellier SupAgro)
 (21) 2022201675

(71) Ishida Co., Ltd.
 (21) 2022201663 (22) 10.03.2022
 (54) BAG MAKING AND PACKAGING
 DEVICE AND TUBE MEMBER FOR
 BAG MAKING AND PACKAGING
 DEVICE
 (31) 2021-039301 (32) 11.03.21 (33) JP

(71) Kabushiki Kaisha Toshiba; Toshiba En-
 ergy Systems & Solutions Corporation
 (21) 2022201729 (22) 11.03.2022
 (54) AMINE-CONTAINING WATER CON-
 CENTRATION SYSTEM AND APPAR-
 ATUS, AND CARBON DIOXIDE RE-
 COVERY SYSTEM
 (31) 2021-048952 (32) 23.03.21 (33) JP

(71) Kabushiki Kaisha Toshiba; Toshiba En-
 ergy Systems & Solutions Corporation
 (21) 2022201763 (22) 15.03.2022
 (54) Gas processing equipment and gas
 processing method, and carbon diox-
 ide capture system and carbon dioxide
 capture method
 (31) 2021-063626 (32) 02.04.21 (33) JP
 2022-023271 17.02.22 JP

(71) Kortek Industries Pty Ltd
 (21) 2022201624 (22) 09.03.2022
 (54) ADAPTABLE WIRELESS POWER,
 LIGHT AND AUTOMATION SYSTEM
 (62) 2020267175

(71) L'Air Liquide, Societe Anonyme pour
 l'Etude et l'Exploitation des Procèdes
 Georges Claude
 (21) 2022201770 (22) 15.03.2022
 (54) ELECTROLYSIS ARRANGEMENT
 FOR ALKALINE ELECTROLYSIS
 (31) 21020193.5 (32) 09.04.21 (33) EP

(71) L'Air Liquide, Societe Anonyme pour
 l'Etude et l'Exploitation des Procèdes
 Georges Claude
 (21) 2022201771 (22) 15.03.2022
 (54) ELECTROLYSIS ARRANGEMENT
 FOR ALKALINE ELECTROLYSIS AND
 METHOD THEREFOR
 (31) 21020192.7 (32) 09.04.21 (33) EP

(71) Lemonex Inc.
 (21) 2022201755 (22) 14.03.2022
 (54) Pharmaceutical composition for pre-
 venting or treating liver cancer
 (62) 2018306411

(71) Lemonex Inc.
 (21) 2022201756 (22) 14.03.2022
 (54) Pharmaceutical composition for pre-
 venting or treating liver cancer
 (62) 2018306411

(71) LG ELECTRONICS INC.
 (21) 2022201740 (22) 14.03.2022
 (54) DISPLAY DEVICE AND OPERATING
 METHOD THEREOF
 (31) 10-2022-0008795 (32) 20.01.22 (33) KR

(71) LG ELECTRONICS INC.
 (21) 2022201782 (22) 15.03.2022
 (54) Moving robot
 (62) 2020217452

(71) LUBRIZOL ADVANCED MATERIALS,
 INC.
 (21) 2022201642 (22) 09.03.2022
 (54) ARTICLES MADE FROM HYDROPHIL-
 IC THERMOPLASTIC POLYURETH-
 ANE COMPOSITIONS
 (62) 2017288792

Lucey, P. see Stats LLC
 (21) 2022201634

(71) Lummus Technology LLC
 (21) 2022201725 (22) 11.03.2022
 (54) Reverse acid and hydrocarbon cascad-
 ing in alkylation
 (62) 2019263053

(71) Magic Leap, Inc.
 (21) 2022201635 (22) 09.03.2022
 (54) Direct light compensation technique for
 augmented reality system
 (62) 2017232527

(71) Magic Leap, Inc.
 (21) 2022201650 (22) 09.03.2022
 (54) Word flow annotation
 (62) 2017308914

(71) Magic Leap, Inc.
 (21) 2022201747 (22) 14.03.2022
 (54) Automatic placement of a virtual object
 in a three-dimensional space
 (62) 2017311296

(71) Magic Leap, Inc.
 (21) 2022201750 (22) 14.03.2022
 (54) Fixed-distance virtual and augmented
 reality systems and methods
 (62) 2017305227

(71) Magic Leap, Inc.
 (21) 2022201769 (22) 15.03.2022

Complete Applications Filed - Name Index cont'd

(54) Surface modeling systems and methods
(62) 2017340609

(71) Magic Leap, Inc.
(21) 2022201783 (22) 15.03.2022
(54) Technique for directing audio in augmented reality system
(62) 2017215349

(71) Mast Group Limited
(21) 2022201787 (22) 15.03.2022
(54) Modular assay system
(62) 2020200209

(71) Merck Sharp & Dohme Corp.
(21) 2022201686 (22) 10.03.2022
(54) Methods for treatment and prophylaxis of HIV and AIDS
(62) 2020202866

(71) MicroTau IP Pty Ltd
(21) 2022201751 (22) 14.03.2022
(54) Systems and methods for fabricating microstructures
(62) 2020282386

(71) Milliken & Company
(21) 2022201713 (22) 11.03.2022
(54) FLOOR MAT WITH HIDDEN BASE COMPONENT
(62) 2020204173

(71) Milliken & Company
(21) 2022201715 (22) 11.03.2022
(54) MAGNETIC FLOOR MAT WITH HIDDEN BASE COMPONENT
(62) 2020204107

(71) Mingsight Pharmaceuticals, Inc.
(21) 2022201717 (22) 11.03.2022
(54) Treatment of cancer
(62) 2017295858

(71) Moderna Therapeutics, Inc.
(21) 2022201745 (22) 14.03.2022
(54) DELIVERY AND FORMULATION OF ENGINEERED NUCLEIC ACIDS
(62) 2019240643

(71) MONIR, G.
(21) 2022201716 (22) 11.03.2022
(54) Personal radiation garment suspension system
(62) 2019211152

(71) Monsanto Technology LLC; Beeologics, Inc.
(21) 2022201685 (22) 10.03.2022

(54) Compositions and methods for controlling arthropod parasite and pest infestations
(62) 2021202071

(71) National Health Research Institutes; National Taiwan University
(21) 2022201735 (22) 11.03.2022
(54) PTGR2 inhibitors and their use
(31) 17/688,369 (32) 07.03.22 (33) US

National Taiwan University see National Health Research Institutes
(21) 2022201735

(71) Nicoventures Trading Limited
(21) 2022201722 (22) 11.03.2022
(54) Article for use in apparatus for heating smokable material
(62) 2020201666

(71) Nooma Bio, Inc.
(21) 2022201705 (22) 11.03.2022
(54) Target sequence detection by nanopore sensing of synthetic probes
(62) 2015319825

(71) Nylec Pty Ltd
(21) 2022201679 (22) 10.03.2022
(54) ELECTRICAL SIDE MODULE
(31) 2021900736 (32) 15.03.21 (33) AU

(71) Oji Fibre Solutions (NZ) Limited
(21) 2022201746 (22) 14.03.2022
(54) A LID AND RECEPTACLE PACK-AGING ASSEMBLY
(31) 774060 (32) 18.03.21 (33) NZ

(71) Omrix Biopharmaceuticals Ltd.
(21) 2022201700 (22) 11.03.2022
(54) Method for purifying and quantifying thrombin and its degradation polypeptides
(62) 2016224834

(71) OpenTV, Inc.
(21) 2022201638 (22) 09.03.2022
(54) System and method for providing advertising consistency
(62) 2020202033

(71) Orlor, A.
(21) 2022201718 (22) 11.03.2022
(54) CELLULOSE-BASED BEVERAGE CARTRIDGE
(62) 2019257376

(71) Orthofix US LLC
(21) 2022201772 (22) 15.03.2022

(54) PULSED ELECTROMAGNETIC FIELD TISSUE STIMULATION TREATMENT AND COMPLIANCE MONITORING
(62) 2017345244

(71) Ovala, Inc.
(21) 2022201640 (22) 09.03.2022
(54) Incontinence Device
(62) 2017302514

(71) OVIVO INC.
(21) 2022201727 (22) 11.03.2022
(54) VERTICAL MOTION MIXING DRIVE
(31) 17/207,156 (32) 19.03.21 (33) US

(71) PerkinElmer Health Sciences, Inc.
(21) 2022201704 (22) 11.03.2022
(54) Backflush methods and devices for chromatography
(62) 2019268197

(71) Pertot, S.
(21) 2022201739 (22) 12.03.2022
(54) Sabolt Arosube - Heated Fruit Soup

(71) Pfizer Inc.
(21) 2022201762 (22) 15.03.2022
(54) IL-15 variants and uses thereof
(62) 2019228381

(71) Pharmacyclics LLC
(21) 2022201741 (22) 14.03.2022
(54) The use of inhibitors of Bruton's tyrosine kinase (Btk)
(62) 2020202752

(71) Pharmacyclics LLC
(21) 2022201742 (22) 14.03.2022
(54) The use of inhibitors of Bruton's tyrosine kinase (Btk)
(62) 2020202752

(71) Pharma Mar, S.A.
(21) 2022201657 (22) 09.03.2022
(54) Antitumoral Compounds
(62) 2022200249

(71) Precise Bio Inc
(21) 2022201738 (22) 11.03.2022
(54) ARTIFICIAL ENDOTHELIAL KERATOPLASTY GRAFT AND METHODS OF PREPARATION THEREOF
(31) 21162122.2 (32) 11.03.21 (33) EP

(71) Pro-Iroda Industries, Inc.
(21) 2022201677 (22) 10.03.2022
(54) BLOWTORCH HAVING CONTINUOUS-FLAME MODE

Complete Applications Filed - Name Index cont'd

(71) Pump & Electrical Engineering Services Pty Ltd
 (21) 2022201730 (22) 11.03.2022
 (54) A water heating system and an intake and exhaust system thereof
 (31) 2021900701 (32) 11.03.21 (33) AU

(71) ResMed Pty Ltd
 (21) 2022201764 (22) 15.03.2022
 (54) RESPIRATORY PRESSURE THERAPY SYSTEM
 (62) 2017304220

(71) Rheinmetall Landsysteme GmbH
 (21) 2022201631 (22) 09.03.2022
 (54) Protected component, protected vehicle and method
 (31) 10 2021 106 651.4 (32) 18.03.21 (33) DE

(71) Rhodia Operations
 (21) 2022201726 (22) 11.03.2022
 (54) COMPOSITION CONTAINING A UR-EASE INHIBITOR
 (62) 2017294480

(71) RQX PHARMACEUTICALS, INC.; GENENTECH, INC.
 (21) 2022201724 (22) 11.03.2022
 (54) Macrocyclic broad spectrum antibiotics
 (62) 2018222093

(71) Sage Therapeutics, Inc.
 (21) 2022201660 (22) 09.03.2022
 (54) Neuroactive steroids, compositions, and uses thereof
 (62) 2020203502

(71) Sarepta Therapeutics, Inc.
 (21) 2022201628 (22) 09.03.2022
 (54) Improved exon skipping compositions for treating muscular dystrophy
 (62) 2019253778

(71) Schneider Electric USA, Inc.
 (21) 2022201909 (22) 17.03.2022
 (54) SYSTEMS AND METHODS FOR OPTIMIZING WAVEFORM CAPTURE COMPRESSION AND CHARACTERIZATION
 (31) 17/522,170 (32) 09.11.21 (33) US
 63/162,321 17.03.21 US
 63/170,393 02.04.21 US

(71) Selecta Biosciences, Inc.
 (21) 2022201641 (22) 09.03.2022
 (54) DELIVERY OF IMMUNOSUPPRESSANTS HAVING A SPECIFIED PHARMACODYNAMIC EFFECTIVE-LIFE AND ANTIGEN FOR THE INDUCTION OF IMMUNE TOLERANCE
 (62) 2020200824

Sha, L. see Stats LLC
 (21) 2022201634

(71) SHANDONG AGRICULTURAL UNIVERSITY
 (21) 2022201656 (22) 09.03.2022
 (54) WHEAT MALE-STERILITY GENE WMS AND ITS ANTHHER-SPECIFIC EXPRESSION PROMOTER AND USES THEREOF
 (62) 2016272688

(71) Shanghai Power Equipment Research Institute Co., Ltd
 (21) 2022201697 (22) 11.03.2022
 (54) Method and system of multi-objective and multi-dimensional online joint monitoring for nuclear turbine
 (31) 202111452788.6 (32) 01.12.21 (33) CN
 202111455162.0 01.12.21 CN
 202111456675.3 01.12.21 CN
 202111456672.X 01.12.21 CN
 202111456674.9 01.12.21 CN
 202111452774.4 01.12.21 CN

(71) Sheltered Wings, Inc. d/b/a Vortex Optics
 (21) 2022201753 (22) 14.03.2022
 (54) Reticle for optical sighting devices
 (62) 2016344095

(71) Shin-Etsu Chemical Co., Ltd.
 (21) 2022201710 (22) 11.03.2022
 (54) Liquid-liquid extraction unit and multistage liquid-liquid extraction apparatus using the same
 (31) 2021-049326 (32) 24.03.21 (33) JP

(71) SJC IP Holdings Pty Ltd
 (21) 2022201662 (22) 09.03.2022
 (54) Elastomeric holder
 (62) 2016327445

(71) SKINPROTECT CORPORATION SDN BHD
 (21) 2022201661 (22) 09.03.2022
 (54) Elastomeric gloves and methods for their production
 (62) 2019284032

(71) Stats LLC; Lucey, P.; Sha, L.; Wei, X.
 (21) 2022201634 (22) 09.03.2022
 (54) SYSTEM FOR INTERACTIVE SPORTS ANALYTICS USING MULTITEMPLATE ALIGNMENT AND DISCRIMINATIVE CLUSTERING
 (62) 2016370667

(71) Stryker Corporation
 (21) 2022201626 (22) 09.03.2022
 (54) Metal detection system for use with medical waste container
 (62) 2016377686

(71) Stryker Corporation
 (21) 2022201633 (22) 09.03.2022
 (54) Ultrasonic surgical tool system including a tip capable of simultaneous longitudinal and torsional movement and of substantially torsional oscillations
 (62) 2016370574

(71) Stryker Corporation
 (21) 2022201643 (22) 09.03.2022
 (54) End effector of a surgical robotic manipulator
 (62) 2019257527

(71) Stryker Corporation
 (21) 2022201768 (22) 15.03.2022
 (54) System and methods for performing surgery on a patient at a target site defined by a virtual object
 (62) 2016380277

(71) Synova Life Sciences, Inc.
 (21) 2022201872 (22) 17.03.2022
 (54) Separation, dissociation and/or disaggregation of cells using shockwaves or mechanical impacts
 (62) 2017235653

(71) Takeda Pharmaceutical Company Limited
 (21) 2022201781 (22) 15.03.2022
 (54) ANTI-FLT-1 ANTIBODIES IN TREATING BRONCHOPULMONARY DYSPLASIA
 (62) 2016246738

(71) Targazyme, Inc.
 (21) 2022201639 (22) 09.03.2022
 (54) MANUFACTURE AND CRYOPRESERVATION OF FUCOSYLATED CELLS FOR THERAPEUTIC USE
 (62) 2015288052

(71) Techtronic Cordless GP
 (21) 2022201647 (22) 09.03.2022
 (54) Lawnmowers
 (31) 17/670,724 (32) 14.02.22 (33) US
 63/159,256 10.03.21 US
 63/288,958 13.12.21 US

(71) Techtronic Cordless GP
 (21) 2022201652 (22) 09.03.2022
 (54) Lawnmowers
 (31) 17/670,749 (32) 14.02.22 (33) US
 63/159,256 10.03.21 US
 63/288,958 13.12.21 US

(71) Techtronic Cordless GP
 (21) 2022201653 (22) 09.03.2022

Complete Applications Filed - Name Index cont'd

(54) Lawnmowers
 (31) 17/670,890 (32) 14.02.22 (33) US
 63/159,256 10.03.21 US
 63/288,958 13.12.21 US

(71) Techtronic Cordless GP
 (21) 2022201658 (22) 09.03.2022
 (54) Lawnmowers
 (31) 17/670,696 (32) 14.02.22 (33) US
 63/159,256 10.03.21 US
 63/288,958 13.12.21 US

(71) The Board of Trustees of the Leland
 Stanford Junior University
 (21) 2022201699 (22) 11.03.2022
 (54) Mixed allergen compositions and meth-
 ods for using the same
 (62) 2016219793

(71) The Boeing Company
 (21) 2022201670 (22) 10.03.2022
 (54) Inboard-mounted safety latch mechan-
 ism for preventing a walkway platform
 flip door from being raised without a
 guardrail installed
 (31) 17/369,566 (32) 07.07.21 (33) US

(71) The Boeing Company
 (21) 2022201671 (22) 10.03.2022
 (54) Systems and methods for preventing a
 walkway platform flip door from being
 raised without a guardrail installed
 (31) 17/369,560 (32) 07.07.21 (33) US

(71) The Gillette Company LLC
 (21) 2022201733 (22) 11.03.2022
 (54) Manual oral care implement
 (62) 2019217815

(71) The Johns Hopkins University
 (21) 2022201719 (22) 11.03.2022
 (54) Composite material for tissue restora-
 tion
 (62) 2020201258

(71) The Regents of the University of Cali-
 fornia
 (21) 2022201778 (22) 15.03.2022
 (54) Enhancing cognition in the presence of
 distraction and/or interruption
 (62) 2020213392

(71) The Supporting Organization for the
 Georgia O'Keeffe Museum
 (21) 2022201629 (22) 09.03.2022
 (54) SYSTEM FOR TRANSPORTING FRA-
 GILE OBJECTS
 (31) 17/314,926 (32) 07.05.21 (33) US

(71) The University of British Columbia
 (21) 2022201737 (22) 11.03.2022

(54) Epitopes in Amyloid beta mid-region
 and conformationally-selective antibod-
 ies thereto
 (62) 2016354688

(71) Thomson Reuters Enterprise Centre
 GmbH
 (21) 2022201654 (22) 09.03.2022
 (54) SYSTEM AND ENGINE FOR SEEDED
 CLUSTERING OF NEWS EVENTS
 (62) 2017200585

(71) TOPGOLF INTERNATIONAL, INC.
 (21) 2022201644 (22) 09.03.2022
 (54) GOLF BALL DISPENSER WITH EM-
 BEDDED DISPLAY DEVICE, SEP-
 ARATE FRONT WATERFALL PANEL
 AND /OR BLOWER ASSEMBLY
 (62) PCT/US2020/051607

**Toshiba Energy Systems & Solutions Cor-
 poration see Kabushiki Kaisha Toshiba**
 (21) 2022201729

**Toshiba Energy Systems & Solutions Cor-
 poration see Kabushiki Kaisha Toshiba**
 (21) 2022201763

(71) Utilidata, Inc.
 (21) 2022201712 (22) 11.03.2022
 (54) Optimal Power Flow Control Via Dy-
 namic Power Flow Modeling
 (31) 17/200,367 (32) 12.03.21 (33) US

(71) Victaulic Company
 (21) 2022201645 (22) 09.03.2022
 (54) Dry sprinkler assembly
 (62) 2019325570

(71) VMware, Inc
 (21) 2022201625 (22) 09.03.2022
 (54) Hierarchical API for defining a multi-
 segmented application in an SDDC
 (62) 2019325228

(71) Vorwerk & Co. Interholding GmbH
 (21) 2022201723 (22) 11.03.2022
 (54) Method and system for a heat supply to
 a product to be cooked
 (31) 21167403.1 (32) 08.04.21 (33) EP

(71) W. L. Gore & Associates, Inc.
 (21) 2022201655 (22) 09.03.2022
 (54) Implantable devices capable of select-
 ive degradation
 (62) 2020201574

(71) Weatherford Technology Holdings, LLC
 (21) 2022201651 (22) 09.03.2022

(54) AUTONOMOUS CONNECTION EVAL-
 UATION AND SHOULDER DETEC-
 TION FOR TUBULAR MAKEUP
 (62) 2020203001

(71) Weatherford Technology Holdings, LLC
 (21) 2022201659 (22) 09.03.2022
 (54) A ROTATING CONTROL DEVICE
 (62) 2017203072

Wei, X. see Stats LLC
 (21) 2022201634

(71) WELLDQC, INC.
 (21) 2022201779 (22) 15.03.2022
 (54) DATABASE MANAGEMENT AND
 GRAPHICAL USER INTERFACES
 FOR MEASUREMENTS COLLECTED
 BY ANALYZING BLOOD
 (62) 2021221774

(71) WIDES LIMITED
 (21) 2022201734 (22) 11.03.2022
 (54) ADVERTISEMENT INFORMATION
 SHARING SYSTEM
 (62) 2020201386

(71) Wing Aviation LLC
 (21) 2022201664 (22) 10.03.2022
 (54) Anticipatory dispatch of UAVs to pre-
 staging locations
 (62) 2021202007

(71) XWPharma Ltd.
 (21) 2022201688 (22) 10.03.2022
 (54) Compounds as nuclear transport modu-
 lators and uses thereof
 (62) 2019283096

Numerical Index

2022201619	Halliburton Energy Services, Inc.	2022201689	Aristocrat Technologies Australia Pty Limited
2022201620	Berkeley Lights, Inc.	2022201690	Angel Group Co., Ltd.
2022201621	Anago Limited	2022201691	Bray, M.
2022201622	Apple Inc.	2022201692	HENSOLDT Sensors GmbH
2022201624	Kortek Industries Pty Ltd	2022201694	Emerald Cloud Lab, Inc.
2022201625	VMware, Inc	2022201695	Array Technologies, INC.
2022201626	Stryker Corporation	2022201696	Amgen Inc.
2022201627	Brilliant Light Power, Inc.	2022201697	Shanghai Power Equipment Research Institute Co., Ltd
2022201628	Sarepta Therapeutics, Inc.	2022201698	Accelaron Pharma Inc.
2022201629	The Supporting Organization for the Georgia O'Keeffe Museum	2022201699	The Board of Trustees of the Leland Stanford Junior University
2022201630	Incyte Holdings Corporation	2022201700	Omrix Biopharmaceuticals Ltd.
2022201631	Rheinmetall Landsysteme GmbH	2022201701	Angel Group Co., Ltd.
2022201632	AGILE MANAGEMENT OFFICE PTY LTD	2022201703	Adobe Inc.
2022201633	Stryker Corporation	2022201704	PerkinElmer Health Sciences, Inc.
2022201634	Stats LLC; Lucey, P.; Sha, L.; Wei, X.	2022201705	Nooma Bio, Inc.
2022201635	Magic Leap, Inc.	2022201707	Angel Group Co., Ltd.
2022201636	Ayr Ltd	2022201708	Ardelyx, Inc.
2022201637	Illinois Tool Works Inc.	2022201709	Aerie Pharmaceuticals, Inc.
2022201638	OpenTV, Inc.	2022201710	Shin-Etsu Chemical Co., Ltd.
2022201639	Targazyme, Inc.	2022201712	Utilidata, Inc.
2022201640	Ovala, Inc.	2022201713	Milliken & Company
2022201641	Selecta Biosciences, Inc.	2022201714	COMPOSECURE, LLC
2022201642	LUBRIZOL ADVANCED MATERIALS, INC.	2022201715	Milliken & Company
2022201643	Stryker Corporation	2022201716	MONIR, G.
2022201644	TOPGOLF INTERNATIONAL, INC.	2022201717	Mingsight Pharmaceuticals, Inc.
2022201645	Victaulic Company	2022201718	Orler, A.
2022201646	FlexSteel Pipeline Technologies, Inc.	2022201719	The Johns Hopkins University
2022201647	Techtronic Cordless GP	2022201720	Apple Inc.
2022201648	Globe (Jiangsu) Co., Ltd.	2022201722	Nicoventures Trading Limited
2022201649	Beijing Tusen Zhitu Technology Co., Ltd.	2022201723	Vorwerk & Co. Interholding GmbH
2022201650	Magic Leap, Inc.	2022201724	RXQ PHARMACEUTICALS, INC.; GENENTECH, INC.
2022201651	Weatherford Technology Holdings, LLC	2022201725	Lummus Technology LLC
2022201652	Techtronic Cordless GP	2022201726	Rhodia Operations
2022201653	Techtronic Cordless GP	2022201727	OVIVO INC.
2022201654	Thomson Reuters Enterprise Centre GmbH	2022201728	EveryPoint, Inc.
2022201655	W. L. Gore & Associates, Inc.	2022201729	Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation
2022201656	SHANDONG AGRICULTURAL UNIVERSITY	2022201730	Pump & Electrical Engineering Services Pty Ltd
2022201657	Pharma Mar, S.A.	2022201731	Beta Therapeutics Pty Ltd
2022201658	Techtronic Cordless GP	2022201732	Body Vision Medical Ltd.
2022201659	Weatherford Technology Holdings, LLC	2022201733	The Gillette Company LLC
2022201660	Sage Therapeutics, Inc.	2022201734	WIDES LIMITED
2022201661	SKINPROTECT CORPORATION SDN BHD	2022201735	National Health Research Institutes; National Taiwan University
2022201662	SJC IP Holdings Pty Ltd	2022201737	The University of British Columbia
2022201663	Ishida Co., Ltd.	2022201738	Precise Bio Inc
2022201664	Wing Aviation LLC	2022201739	Pertot, S.
2022201669	EKK Holdings Pty Limited	2022201740	LG ELECTRONICS INC.
2022201670	The Boeing Company	2022201741	Pharmacyclics LLC
2022201671	The Boeing Company	2022201742	Pharmacyclics LLC
2022201673	Google LLC	2022201743	Fisher & Paykel Healthcare Limited
2022201674	Google LLC	2022201744	Baylor College of Medicine
2022201675	Institut National D'etudes Supérieures Agronomiques de Montpellier (Montpellier SupAgro); Institut national de recherche pour l'agriculture, l'alimentation et l'environnement; Danstar Ferment AG	2022201745	Moderna Therapeutics, Inc.
2022201676	Dolby International AB	2022201746	Oji Fibre Solutions (NZ) Limited
2022201677	Pro-Iroda Industries, Inc.	2022201747	Magic Leap, Inc.
2022201678	Angel Group Co., Ltd.	2022201750	Magic Leap, Inc.
2022201679	Nylec Pty Ltd	2022201751	MicroTau IP Pty Ltd
2022201680	Agot Co.	2022201753	Sheltered Wings, Inc. d/b/a Vortex Optics
2022201681	Agot Co.	2022201754	Huawei Technologies Co., Ltd.
2022201682	Beijing Baidu Netcom Science Technology Co., Ltd.	2022201755	Lemonex Inc.
2022201683	Airvana LP	2022201756	Lemonex Inc.
2022201684	GreenLight Biosciences, Inc.	2022201757	Gen-Probe Incorporated
2022201685	Monsanto Technology LLC; Beeologics, Inc.	2022201758	Altor BioScience Corporation
2022201686	Merck Sharp & Dohme Corp.	2022201759	Aristocrat Technologies, Inc.
2022201687	Clean Air-Engineering - Maritime, Inc.	2022201761	Apple Inc.
2022201688	XWPharma Ltd.	2022201762	Pfizer Inc.

Complete Applications Filed - Numerical Index cont'd

2022201763 Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation
2022201764 ResMed Pty Ltd
2022201765 Hyperfine, Inc.
2022201766 Becton, Dickinson and Company
2022201767 Apex Brands, Inc.
2022201768 Stryker Corporation
2022201769 Magic Leap, Inc.
2022201770 L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procedes Georges Claude
2022201771 L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procedes Georges Claude
2022201772 Orthofix US LLC
2022201773 Genentech, Inc.
2022201774 Commonwealth Scientific and Industrial Research Organisation
2022201775 2seventy bio, Inc.
2022201776 Drylet, LLC
2022201777 CA Casyso GmbH
2022201778 The Regents of the University of California
2022201779 WELLDOC, INC.
2022201781 Takeda Pharmaceutical Company Limited
2022201782 LG ELECTRONICS INC.
2022201783 Magic Leap, Inc.
2022201784 Blackhawk Network, Inc.
2022201785 Becton, Dickinson and Company
2022201786 Equinix, Inc.
2022201787 Mast Group Limited
2022201872 Synova Life Sciences, Inc.
2022201909 Schneider Electric USA, Inc.

Innovation Patent Applications Filed**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 15 Mar 2022 .
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

(71) BVN Architecture Pty Ltd
(21) 2022100046 **(22)** 17.03.2022
(54) A SYSTEM FOR CONFIGURING AN
ENVIRONMENT TO PROVIDE MO-
BILE COMPUTING
(62) 2019208277

(71) Park, S.
(21) 2022100045 **(22)** 15.03.2022
(54) APPARATUS FOR COLLECTING AND
STORING FLUID SAMPLES FROM
VEHICLES AND MACHINERY
(62) 2020408367

(71) Seed Terminator Holdings Pty Ltd
(21) 2022100047 **(22)** 18.03.2022
(54) A CHAFF FEED STREAM CONDI-
TIONING SYSTEM
(62) 2020232982

Numerical Index

2022100045 Park, S.
2022100046 BVN Architecture Pty Ltd

2022100047 Seed Terminator Holdings Pty Ltd

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

2002

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2022

2022201646 (12AN)

Assignments before Grant, Section 113

2016

2016211132 Hedmark University Of Applied Sciences; Norwegian University Of Life Sciences The application has been assigned to **Inland Norway University of Applied Sciences; Norwegian University Of Life Sciences**

2016328357 Spring Bioscience Corporation The application has been assigned to **Ventana Medical Systems, Inc.**

2016370853 Janssen Pharmaceutica NV The application has been assigned to **SALADAX BIOMEDICAL INC.**

2016372069 Janssen Pharmaceutica NV The application has been assigned to **SALADAX BIOMEDICAL INC.**

2017

2017227585 Sun Pharma Global FZE The application has been assigned to **Sun Pharmaceutical Industries Limited**

Assignments before Grant, Section 113

2017274915 Mitsubishi Chemical Agri Dream Co., Ltd. The application has been assigned to **Mitsubishi Chemical Aqua Solutions Co., Ltd.**

2017300621 Siemens Aktiengesellschaft The application has been assigned to **Siemens Energy Global GmbH & Co. KG**

2017324944 AMO Wavefront Sciences, LLC The application has been assigned to **AMO Development, LLC**

2017341674 Kortek Industries Pty Ltd The application has been assigned to **Gray, Ruth**

2018

2018201456 Atlas Gaming Technologies Pty Ltd The application has been assigned to **Everi Technology Pty Ltd**

2018375417 Hubbell Incorporated The application has been assigned to **Hubbell Lighting, Inc.**

2018395121 Neuromyon Inc. The application has been assigned to **Helixmith Co., Ltd**

2019

2019213443 Atlas Gaming Technologies Pty Ltd The application has been assigned to **Everi Technology Pty Ltd**

2019216621 Atlas Gaming Technologies Pty Ltd The application has been assigned to **Everi Technology Pty Ltd**

2019241702 Takeda Pharmaceutical Company Limited; Kyoto University The application has been assigned to **Orizuru Therapeutics, Inc**

2019253009 Cellresearch Corporation Pte. Ltd.; The Regents of the University of Colorado The application has been assigned to **Cellresearch Corporation Pte. Ltd.**

2019256651 Siemens Aktiengesellschaft The application has been assigned to **Siemens Energy Global GmbH & Co. KG**

2019260018 Siemens Aktiengesellschaft The application has been assigned to **Siemens Energy Global GmbH & Co. KG**

2019268050 Janssen Pharmaceutica NV The application has been assigned to **SALADAX BIOMEDICAL INC.**

2019272871 Cloudbreak Therapeutics LLC The application has been assigned to **ADS Therapeutics LLC**

2019283820 Janssen Pharmaceutica NV The application has been assigned to **SALADAX BIOMEDICAL INC.**

2019284029 Janssen Pharmaceutica NV The application has been assigned to **SALADAX BIOMEDICAL INC.**

2019284031 Janssen Pharmaceutica NV The application has been assigned to **SALADAX BIOMEDICAL INC.**

Assignments before Grant, Section 113

2019284059 Janssen Pharmaceutica NV The application has been assigned to **SALADAX BIOMEDICAL INC.**

2019303291 Mitsubishi Chemical Agri Dream Co., Ltd. The application has been assigned to **Mitsubishi Chemical Aqua Solutions Co., Ltd.**

2019304569 Neuromyon Inc. The application has been assigned to **Helixmith Co., Ltd**

2019311015 Ripple Biosolutions LLC The application has been assigned to **Salish Bioscience Inc.**

2019334131 VAXIMM AG The application has been assigned to **NEC Oncolmmunity AS**

2019356807 PolyAnalytik Inc. The application has been assigned to **Polyanalytik Fze**

2019401214 Aimmune Therapeutics, Inc. The application has been assigned to **Société des Produits Nestlé S.A.**

2019401576 Aimmune Therapeutics, Inc. The application has been assigned to **Société des Produits Nestlé S.A.**

2019439427 KeychainX LLC The application has been assigned to **KeychainX AG**

2020

2020201510 Johnson & Johnson Consumer Companies, Inc. The application has been assigned to **Johnson & Johnson Consumer Inc.**

2020203174 Johnson & Johnson Consumer Companies, Inc. The application has been assigned to **Johnson & Johnson Consumer Inc.**

2020244461 Johnson & Johnson Consumer Companies, Inc. The application has been assigned to **Johnson & Johnson Consumer Inc.**

2020247806 Aimmune Therapeutics, Inc. The application has been assigned to **Société des Produits Nestlé S.A.**

2020267201 McNeil-PPC, Inc. The application has been assigned to **Johnson & Johnson Consumer Inc.**

2020271634 Deutsches Krebsforschungszentrum Stiftung des Öffentlichen Rechts; Helmholtz-Zentrum für Umweltforschung GmbH - UFZ The application has been assigned to **Deutsches Krebsforschungszentrum Stiftung des Öffentlichen Rechts**

2020276213 Aimmune Therapeutics, Inc. The application has been assigned to **Société des Produits Nestlé S.A.**

2020323925 The Board of Supervisors of Louisiana State University and Agricultural and Mechanical College; The Administrators of the Tulane Educational Fund; Autoimmune Technologies, LLC The application has been assigned to **Stadius Biopharma, LLC; The Administrators of the Tulane Educational Fund; The Board of Supervisors of Louisiana State University and Agricultural and Mechanical College**

Assignments before Grant, Section 113

2020342665 Intellogence Inc. The application has been assigned to **Hexacore, Inc.**

2020345819 Matyac, Mark The application has been assigned to **North American Power Products, Inc.**

2021

2021201290 Hubbell Incorporated The application has been assigned to **Hubbell Lighting, Inc.**

2021201539 The University of Sydney; GenieUs Genomics Pty Ltd The application has been assigned to **GenieUs Genomics Pty Ltd**

2021202276 Johnson & Johnson Consumer Companies, Inc. The application has been assigned to **Johnson & Johnson Consumer Inc.**

2021204511 Crane Pumps & Systems, Inc. The application has been assigned to **CRANE PUMPS & SYSTEMS PFT CORP.**

2021212082 HUBBELL INCORPORATED The application has been assigned to **Hubbell Lighting, Inc.**

2021261875 Tiltsta Pty Ltd The application has been assigned to **Snap Inc.**

2021269348 Janssen Pharmaceutica NV The application has been assigned to **SALADAX BIOMEDICAL INC.**

2021902308 Wood, Dylan James The application has been assigned to **Ply Me Pty Ltd**

2021903929 Symons, Ian The application has been assigned to **MERISY PTY LTD**

Extensions of Time, Section 223**Applications Received**

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

2003

2003209855 **Eviivo Limited** An application to extend the time from 20 Mar 2021 to 20 Feb 2022 in which to pay a renewal fee has been filed . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2007

2007255209 **DENT, K.** An application to extend the time from 08 Jun 2021 to 08 Jan 2022 in which to pay a renewal fee has been filed . Address for service - Collison & Co Gpo Box 2556 Adelaide SA 5001 AU

2010

2010228999 **TEGU** An application to extend the time from 22 Mar 2021 to 22 Dec 2021 in which to pay a renewal fee has been filed . Address for service - Davies Collison Cave Pty Ltd Level 14 255 Elizabeth St Sydney NSW 2000 AU

Extensions of Time, Section 223

2012

2012298606 **iO Mounts LLC** An application to extend the time from 27 Aug 2021 to 27 Mar 2022 in which to pay a renewal fee has been filed . Address for service - KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD PO Box 128 Aspley QLD 4034 AU

2017

2017283785 **Vyome Therapeutics Limited.** An application to extend the time from 13 Jun 2021 to 13 Mar 2022 in which to pay a renewal fee has been filed . Address for service - BOSH IP Pty Ltd PO Box 24035 Melbourne VIC 3001 AU

2020

2020104171 **C&J Lab Pty Ltd** An application to extend the time from 28 Aug 2021 to 28 Mar 2022 in which to pay a renewal fee has been filed . Address for service - K&L Gates Level 25 South Tower 525 Collins Street Melbourne VIC 3000 AU

2020203313 **Microfluidics International Corporation** An application to extend the time from 29 May 2021 to 29 Sep 2022 in which to gain acceptance and to pay a continuation fee has been filed . Address for service - K&L Gates Level 25 South Tower 525 Collins Street Melbourne VIC 3000 AU

Applications Allowed - Section 223(2)

2004

2004226338 **IMMUNOGENESIS, INC.** The time in which to pay a renewal fee has been extended to 29 Oct 2021 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2008

2008345242 **Xencor, Inc.** The time in which to request an Extension of Term - Pharmaceutical has been extended to 17 Jul 2021 . Address for service - MINTER ELLISON Level 40 1 Farrer Place Sydney NSW 2000 AU

2008357646 **Artex Picture Frames Ltd.** The time in which to pay a renewal fee has been extended to 09 Jan 2022 . Address for service - Phillips Ormonde Fitzpatrick L 16 333 Collins St Melbourne VIC 3000 AU

2011

2011202448 **Blitz Systems PTY LTD** The time in which to pay a renewal fee has been extended to 25 Dec 2021 . Address for service - Blitz Systems Pty Ltd PO Box 687 CARDIFF NSW 2285 AU

2013

2013234894 **SecureAds, Inc.** The time in which to pay a renewal fee has been extended to 22 Nov 2021 . Address for service - Zone Patents Limited 109 Willis Street Wellington 6011 NZ

2013326298 **Oxford Pharmascience Limited** The time in which to pay a renewal fee has been extended to 01 Nov 2021 . Address for service - Allens Patent & Trade Mark Attorneys Deutsche Bank Place Corner Hunter and Phillip Streets SYDNEY NSW 2000 AU

Extensions of Time, Section 223

2014

2014202371 **Smart Reveal Pty Ltd** The time in which to pay a renewal fee has been extended to 30 Dec 2021 . Address for service - Michael Buck IP PO Box 78 Red Hill QLD 4059 AU

2014202872 **Xencor, Inc** The time in which to request an Extension of Term - Pharmaceutical has been extended to 17 Jul 2021 . Address for service - MINTER ELLISON Level 40 1 Farrer Place Sydney NSW 2000 AU

2014262380 **Chester, D.** The time in which to pay a renewal fee has been extended to 09 Jan 2022 . Address for service - David Grant Chester 308-314 Oakey Flat Rd Morayfield QLD 4506 AU

2016

2016201614 **MCLACHLAN, I.** The time in which to request examination and pay a continuation fee has been extended to 04 Nov 2021 . Address for service - Mann IP G 45 St Georges Tce Perth WA 6000 AU

2016426598 **Neurim Pharmaceuticals Ltd.** in which to extend the grace period has been filed 15 Dec 2016 . Address for service - DLA Piper Australia Level 22 No. 1 Martin Place Sydney NSW 2000 AU

2017

2017100588 **Bilzon, C.** The time in which to pay a renewal fee has been extended to 22 Dec 2021 . Address for service - Stellar Law Pty Ltd Level 5, 115 Pitt Street Sydney NSW 2000 AU

2017219016 **Oxford Pharmascience Limited** The time in which to pay a renewal fee has been extended to 01 Nov 2021 . Address for service - Allens Patent & Trade Mark Attorneys Deutsche Bank Place Corner Hunter and Phillip Streets SYDNEY NSW 2000 AU

2017368151 **Chico's Brands Investments** The time in which to request examination has been extended to 07 Feb 2022 . Address for service - IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD PO Box 1321 SPRINGWOOD QLD 4127 AU

2018

2018207580 **MYD Consulting Pty Ltd** The time in which to request examination has been extended to 19 Jan 2022 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2018273513 **Biomedical Analysis Center#academy Of Military Medical Sciences** The time in which to enter the National Phase has been extended to 24 Feb 2021 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2019

2019100374 **P.T COLBRELLI-COX & C.H TURNER** The time in which to pay a renewal fee has been extended to 05 Nov 2021 . Address for service - Charity Helen Rose Turner PO Box 969 Byron Bay NSW 2481 AU

2019202615 **Boyden, M.** The time in which to pay a renewal fee has been extended to 27 Dec 2021 . Address for service - AUCTION AT-TORNEYS AND ADVISORS PTY LTD GPO Box 2484 Sydney NSW 2001 AU

Extensions of Time, Section 223**2020**

2020289033 **TELLUS YOU CARE, INC.** The time in which to enter the National Phase has been extended to 07 Mar 2022 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2020290995 **INCYTE CORPORATION** The time in which to enter the National Phase has been extended to 10 Mar 2022 . Address for service - Houlihan² Pty Ltd PO Box 611 BALWYN NORTH VIC 3104 AU

2021

2021240265 **Chan, M.** The time in which to request examination has been extended to 19 Feb 2022 . Address for service - Mark KJ Chan 4 Eulbertie Avenue Warrawee NSW 2074 AU

2022

2022200670 **SOLACLAD PTY LTD** The time in which to associate with a complete application has been extended to 11 Feb 2022 . Address for service - SOLACLAD PTY LTD PO Box 88 Pacific Palms NSW 2428 AU

2022200987 **Rockwell Collins, Inc.** The time in which to claim the convention priority date has been extended to 12 Mar 2022 . Address for service - Griffith Hack Level 10 161 Collins St 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.

2014

2014202404 **ANTIVIRAL THERAPY ViiV Healthcare Company** The nature of the amendment is as shown in the statement(s) filed 21 Jan 2022 . Address for service - Phillips Ormonde Fitzpatrick L 16 333 Collins St Melbourne VIC 3000 AU

2016

2016222479 **MULTI-COMPONENT GUTTER BRACKET Interit Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 22 Feb 2022 . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2016277121 **Method to treat cancer with engineered T-cells Lenti-gen Technology, Inc.** The nature of the amendment is as shown in the statement(s) filed 09 Mar 2022 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2016356558 **A guardrail Troy Wheeler Contracting Limited** The nature of the amendment is as shown in the statement(s) filed 14 Jan 2022 . Address for service - Catalyst Intellectual Property PO BOX Q1466 QUEEN VICTORIA BUILDING Sydney NSW 1230 AU

2017

2017305409 **9-aminomethyl minocycline compounds and uses thereof Paratek Pharmaceuticals, Inc.** The nature of the amendment is

Amendments

as shown in the statement(s) filed 14 Mar 2022 . Address for service - FB Rice Pty Ltd Level 23 44 Market Street Sydney NSW 2000 AU

2018

2018218307 **AMPA receptor potentiators University College Cardiff Consultants Limited** The nature of the amendment is as shown in the statement(s) filed 10 Mar 2022 . Address for service - FPA Patent Attorneys Pty Ltd Level 46 101 Collins Street Melbourne VIC 3000 AU

2018246007 **Methods for removal of toxins from blood using an extracorporeal circuit comprised of a hollow-fiber filter module and polymer sorbent in combination Cytosorbents Corporation** The nature of the amendment is as shown in the statement(s) filed 10 Mar 2022 . Address for service - Dark IP PO BOX 2416 Fortitude Valley BC QLD 4006 AU

2018285022 **Cleaning, healing and regeneration of tissue and wounds Sloan Water Technology Limited** The nature of the amendment is as shown in the statement(s) filed 04 Mar 2022 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2019

2019294342 **Unified display for virtual resources Citrix Systems, Inc.** The nature of the amendment is as shown in the statement(s) filed 07 Mar 2022 . Address for service - FB Rice Pty Ltd Level 23, 44 Market Street Sydney NSW 2000 AU

2020

2020200958 **A NASAL CANNULA, CONDUIT AND SECUREMENT SYSTEM FISHER & PAYKEL LIMITED** The nature of the amendment is: Amend patentee name to FISHER & PAYKEL HEALTHCARE LIMITED . Address for service - AJ PARK GPO Box 2513 Sydney NSW 2001 AU

2021

2021203157 **Ballistic materials incorporating spunlaced nonwovens DuPont Safety & Construction, Inc.** The nature of the amendment is as shown in the statement(s) filed 10 Mar 2022 . Address for service - Houlihan² Pty Ltd PO Box 611 BALWYN NORTH VIC 3104 AU

2021266232 **Nitrile-containing antiviral compounds Pfizer Inc.** The nature of the amendment is as shown in the statement(s) filed 09 Mar 2022 . Address for service - Allens Patent & Trade Mark Attorneys Deutsche Bank Place Corner Hunter and Phillip Streets SYDNEY NSW 2000 AU

2022

2022200249 **Antitumoral Compounds Pharma Mar, S.A.** The nature of the amendment is as shown in the statement(s) filed 11 Mar 2022 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2022200250 **Antitumoral Compounds Pharma Mar, S.A.** The nature of the amendment is as shown in the statement(s) filed 10 Mar 2022 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

Amendments Made

Amendments**2014**

2014262590 **The Brigham and Women's Hospital, Inc.; Children's Medical Center Corporation; The United States of America as represented by the Department of Veterans Affairs** The nature of the amendment is: To amend the co-patentee name to read The United States of America as represented by the Department of Veterans Affairs

2015

2015298181 **Koppers Performance Chemicals Inc.** The nature of the amendment is: Amend the name of the inventor to read Zhang, Jun; Gao, Xinhao Howard; Horton, John and Ziobro, Richard

2016

2016256204 **Smith & Nephew plc** The nature of the amendment is as shown in the statement(s) filed 22 Nov 2021

2016313075 **BlueArc Finance AG** The nature of the amendment is: Amend the invention title to read Device and method for protecting against swimming accidents, in particular for the early detection of drowning persons, and the like

2016325601 **Ludwig Institute for Cancer Research Ltd.** The nature of the amendment is as shown in the statement filed 11 Nov 2021

2016398720 **KYOSAN ELECTRIC MFG. CO., LTD.** The nature of the amendment is: Amend the invention title to read Gap filler

2017

2017202113 **Fujitsu Limited** The nature of the amendment is: Amend the invention title to read Speech Recognition and Translation Terminal, Method, and Translation Program

2017253672 **Dropbox, Inc.** The nature of the amendment is as shown in the statement(s) filed 16 Dec 2021

2017346858 **Gradiant Corporation** The nature of the amendment is as shown in the statement(s) filed 09 Dec 2021

2018

2018211566 **Alcon Inc.** The nature of the amendment is: Amend the invention title to read DYNAMIC MODE SWITCHING FOR MULTI-MODE OPHTHALMIC OPTICAL COHERENCE TOMOGRAPHY

2018297653 **Suven Life Sciences Limited** The nature of the amendment is as shown in the statement filed 07 Dec 2021

2018345783 **California Institute of Technology** The nature of the amendment is: Amend the name of the inventor to read SHI, Xichen; VEISMANN, Marcel; DOUGHERTY, Christopher J.; RIDER, Stephanie; RAHILI, Salar; CHUNG, Soon-Jo; KIM, Kyunam and GHARIB, Morteza

2019

2019222919 **Canva Pty Ltd** The nature of the amendment is: Add the names of co-inventor as YOUNDALE, Nik; MCNAMARA, Callan; LEE, Patrick; PERKINS, Melanie; FALLOWS, Marc; BENNETT, Andrew and TORRENS, Lee

Amendments

2019240614 **Koppers Performance Chemicals Inc.** The nature of the amendment is: Amend the name of the inventor to read ZHANG, Jun; GAO, Xinhao Howard; HORTON, John and ZIOBRO, Richard

2019265476 **SWIMC LLC** The nature of the amendment is: Amend the name of the inventor to read LINDQUIST, Jason; NESS, Jason; HEWUSE, Josh; EDGINGTON, Garry; DEBROY, Tapan and GALLAGHER, James

2019323824 **Fugro N.V.** The nature of the amendment is: Amend the name of the inventor to read DEVINE, Christine and HANEBERG, William

2019352645 **Mastercard Technologies Canada ULC** The nature of the amendment is: Amend the name of the inventor to read HEARTY, John; WU, Hanhan; LUKASHUK, Randy; LAPTIEV, Anton; MADISON, Jake; BAILEY, Christopher; OPUSHNYEV, Igor; SHAH, Parin Prashant and CHAN, Sik Suen

2019352918 **Mastercard Technologies Canada ULC** The nature of the amendment is: Amend the name of the inventor to read HEARTY, John; WU, Hanhan; LUKASHUK, Randy; LAPTIEV, Anton; MADISON, Jake; BAILEY, Christopher; OPUSHNYEV, Igor; SHAH, Parin Prashant and CHAN, Sik Suen

2019362102 **2659656 Ontario Limited** The nature of the amendment is: Application is to proceed under the number 2019101826

2019461734 **NTT DoCoMo, Inc.** The nature of the amendment is: Amend the invention title to read Radio Base Station

2019461859 **Hanshow Technology Co., Ltd.** The nature of the amendment is: Amend the invention title to read Electronic shelf label communication system, method and apparatus

2019464395 **Beijing Tusen Zhitu Technology Co., Ltd.** The nature of the amendment is: Amend the invention title to read Method and system for auto-driving vehicle service

2019471046 **Zhejiang Huafeng Electric Tools Co., Ltd** The nature of the amendment is: Amend the invention title to read Integrated Folding Foot Stand and Leg Folding Mechanism Thereof

2020

2020200542 **BASF Corporation** The nature of the amendment is as shown in the statement filed 16 Dec 2021

2020203306 **AstraZeneca AB** The nature of the amendment is as shown in the statement(s) filed 25 Oct 2021

2020239711 **Apple Inc.** The nature of the amendment is as shown in the statement(s) filed 17 Dec 2021

2020290516 **DNALite Therapeutics, Inc.** The nature of the amendment is as shown in the statement filed 14 Mar 2022

2020318794 **Muntermann, A.** The nature of the amendment is as shown in the statement(s) filed 22 Feb 2022

Amendments

2020327508 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read METHOD AND APPARATUS FOR TRANSMITTING TIMING DIFFERENCE

2020328016 **Shanghai Qv Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read A Novel Atomization Core

2020338014 **University of Florida Research Foundation, Incorporated** The nature of the amendment is as shown in the statement(s) filed 04 Feb 2022

2020338366 **Guangzhou Virotech Pharmaceutical Co., Ltd.** The nature of the amendment is: Amend the invention title to read PHENOTHIAZINES AND THEIR DERIVATIVES FOR USE AS A MEDICAMENT

2020346723 **The Boeing Company** The nature of the amendment is: Amend the invention title to read ANTIMICROBIAL NANOWORM COATED SURFACE

2020350243 **Asia Air Survey Co., Ltd.** The nature of the amendment is: Amend the invention title to read SUPER-RESOLUTION STEREOSCOPIC VISUALIZATION PROCESSING SYSTEM AND PROGRAM FOR SAME

2020355520 **Vallourec Oil and Gas France; Nippon Steel Corporation** The nature of the amendment is: Amend the invention title to read Threaded connection including an intermediate shoulder

2020361196 **Mixi, Inc.** The nature of the amendment is: Amend the invention title to read Information processing apparatus, information processing method, and program

2020375257 **Takazono Corporation** The nature of the amendment is: Amend the invention title to read Wound body, core body for wound body, and combination of wound body and support shaft

2020411223 **Fujikura Ltd.** The nature of the amendment is: Amend the invention title to read Cable and cable reinforcement sheet

2021

2021107383 **AME Systems (Vic) Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 09 Mar 2022

2021202215 **Cripps Clark, J.** The nature of the amendment is: Amend the priority details to read 2021900732 14 Mar 2021 AU

2021269302 **Goldman Sachs & Co. LLC** The nature of the amendment is as shown in the statement(s) filed 16 Dec 2021

2022

2022200593 **Commercialisation Express Pty Ltd** The nature of the amendment is: Amend the priority details to remove divisional to 2021290426

2022201232 **CROWN EQUIPMENT CORPORATION** The nature of the amendment is: Amend the invention title to read ORDER PICKER MATERIALS HANDLING VEHICLE WITH IMPROVED DOWNWARD VISIBILITY WHEN DRIVING ELEVATED

Amendments

2022900535 **Liu, B.** The nature of the amendment is: Amend the invention title to read SYSTEM AND METHODS TO SECURELY EXCHANGE DATA

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

2011

2011302712 **EHL Limited** The name of the patentee has been altered to **Stormwater360 Group Limited**

2012

2012343353 **Kobe Precision Technology Sdn. Bhd.** The name of the patentee has been altered to **Kobelco Precision Technology Sdn. Bhd.**

2014

2014218316 **Touch Networks Australia Pty Ltd** The name of the patentee has been altered to **AFTERPAY CORPORATE SERVICES PTY LTD**

2014262377 **Touch Networks Australia Pty Ltd** The name of the patentee has been altered to **AFTERPAY CORPORATE SERVICES PTY LTD**

2015

2015325779 **Kondoh Industries, Ltd.** The name of the patentee has been altered to **Cambridge Filter Corporation**

2016

2016211235 **AdvaStim, Inc** The name of the patentee has been altered to **Advastim, LLC**

2018

2018100585 **Happy Hackers Pty Ltd** The name of the patentee has been altered to **Aibuild Pty Ltd**

2018248544 **Stage Tec Entwicklungsgesellschaft für Professionelle Stage Tec Entwicklungsgesellschaft für Professionelle Audiotechnik MbH** The name of the patentee has been altered to **STAGETEC Gmbh**

2018294660 **Oxford Nanopore Technologies Limited** The name of the applicant has been altered to **Oxford Nanopore Technologies plc; VIB vzw; Vrije Universiteit Brussel**

2018332812 **Kryo, Inc.** The name of the applicant has been altered to **Sleepme Inc.**

2018431102 **ST Electronics (Info-Security) Pte Ltd** The name of the applicant has been altered to **ST ENGINEERING INFO-SECURITY PTE. LTD.**

2019

2019203210 **Entopsis, LLC** The name of the patentee has been altered to **Entopsis, Inc.**

2019270865 **LaNova Medicines Limited Company** The name of the applicant has been altered to **LaNova Medicines Limited**

Amendments

2019426113 GARGAMEL (ZHUHAI) BIOTECH LTD. The name of the applicant has been altered to **FelicaMed Biotechnology Co., Ltd.**

2020

2020201684 Touch Networks Australia Pty Ltd The name of the patentee has been altered to **AFTERPAY CORPORATE SERVICES PTY LTD**

2020337903 CaaMTech LLC The name of the applicant has been altered to **CaaMTech, Inc.**

2021

2021104946 Kute, Rupali Sandip The name of the applicant has been altered to **College of Engineering Pune; Dr. Vishwanath Karad MIT World Peace University; Kute, R.S.**

2021229147 Touch Networks Australia Pty Ltd The name of the applicant has been altered to **AFTERPAY CORPORATE SERVICES PTY LTD**

2021277712 LaNova Medicines Limited Company The name of the applicant has been altered to **LaNova Medicines Limited**

2021900981 SoilCQuest PTY LTD The name of the applicant has been altered to **Loam Bio Pty Ltd**

2021901479 Staim Capital Pty Ltd The name of the applicant has been altered to **STATIM CAPITAL PTY LTD**

2021902354 SoilCQuest PTY LTD The name of the applicant has been altered to **Loam Bio Pty Ltd**

2021902439 SoilCQuest PTY LTD The name of the applicant has been altered to **Loam Bio Pty Ltd**

2022

2022900472 Asia Pacific Development Corporation Pty Ltd The name of the applicant has been altered to **Squire Kent Pty Limited**

Applications Open to Public Inspection

Name Index

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

(71) 3DMORPHIC PTY LTD
 (11) AU-A-2022201602
 (21) 2022201602 (22) 08.03.2022
 (54) Method and system for designing and fabricating a customised device
 (51) Int. Cl.
 A61B 34/10 (2016.01)
 A61F 2/00 (2006.01)
 (43) 31.03.2022
 (62) 2017212147
 (72) PARR, William C. H.
 (74) BLACKWATTLE IP PTY LIMITED

(71) A. Raymond Et Cie
 (11) AU-A-2021206800
 (21) 2021206800 (22) 19.07.2021
 (54) SYSTEM AND METHOD FOR PACKAGING MEDICAL STOPPERS CONSISTING OF A CAP AND A PLUG
 (51) Int. Cl.
 B65D 25/10 (2006.01)
 B65B 7/16 (2006.01)
 B65B 31/02 (2006.01)
 B65D 21/02 (2006.01)
 B65D 25/02 (2006.01)
 (31) FR2009218 (32) 11.09.20 (33) FR
 (43) 31.03.2022
 (72) Rey, Gaetan
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) A. Raymond Et Cie
 (11) AU-A-2021225212
 (21) 2021225212 (22) 02.09.2021
 (54) DELIVERY TRAY AND PACKAGING SYSTEM FOR MEDICAL ITEMS
 (51) Int. Cl.
 B65D 81/05 (2006.01)
 B65B 5/10 (2006.01)
 B65B 7/16 (2006.01)
 B65B 21/02 (2006.01)
 B65D 21/02 (2006.01)
 B65D 71/70 (2006.01)
 B65D 81/133 (2006.01)
 (31) FR2009215 (32) 11.09.20 (33) FR
 (43) 31.03.2022
 (72) Rey, Gaetan
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) Abiomed, Inc.
 (11) AU-A-2022201578
 (21) 2022201578 (22) 08.03.2022
 (54) Introducer sheath having a multi-layer hub
 (51) Int. Cl.
 A61M 25/06 (2006.01)

(43) 31.03.2022
 (62) 2017223417
 (72) MURPHY, John
 (74) Davies Collison Cave Pty Ltd

(71) Acceleron Pharma Inc.
 (11) AU-A-2022201603
 (21) 2022201603 (22) 08.03.2022
 (54) TGF-beta superfamily heteromultimers and uses thereof
 (51) Int. Cl.
 C07K 14/715 (2006.01)
 A61K 38/17 (2006.01)
 C07K 19/00 (2006.01)
 (43) 31.03.2022
 (62) 2017293778
 (72) KUMAR, Ravindra; GRINBERG, Asya; SAKO, Dianne S.; CASTONGUAY, Roselyne
 (74) Spruson & Ferguson

(71) AC Designs Pty Ltd
 (11) AU-A-2022201575
 (21) 2022201575 (22) 08.03.2022
 (54) Device and Method for Making Bread with a Cavity
 (51) Int. Cl.
 A47J 37/01 (2006.01)
 (43) 31.03.2022
 (72) Wong, Kong
 (74) Raven IP

(71) Acer Incorporated
 (11) AU-A-2021232681
 (21) 2021232681 (22) 14.09.2021
 (54) METHOD USED BY UE TO MULTIPLEX UPLINK TRANSMISSIONS AND UE USING THE SAME
 (51) Int. Cl.
 H04W 72/04 (2009.01)
 H04L 1/00 (2006.01)
 H04L 5/00 (2006.01)
 H04W 52/28 (2009.01)
 H04W 72/10 (2009.01)
 H04W 72/12 (2009.01)
 H04W 80/00 (2009.01)
 (31) 63/078,345 (32) 15.09.20 (33) US
 17/468,703 08.09.21 US
 (43) 31.03.2022
 (72) Lee, Chien-Min
 (74) Collison & Co

(71) Agnew, D.
 (11) AU-A-2020233663
 (21) 2020233663 (22) 15.09.2020
 (54) Electric or hydraulic powered knee kicker for use by carpet layers.
 (51) Int. Cl.
 A47G 27/04 (2006.01)

(43) 31.03.2022
 (72) Agnew, Degen Patrick
 (74) Degen Patrick Agnew

(71) Airvana LP
 (11) AU-A-2022201683
 (21) 2022201683 (22) 10.03.2022
 (54) Scheduling the same resource in radio access networks
 (51) Int. Cl.
 H04W 72/04 (2009.01)
 H04W 88/08 (2009.01)
 (43) 31.03.2022
 (62) 2021201369
 (72) Barabell, Arthur J.; Eyuboglu, Vedat; Mahalingam, Nagi Jayaraman; Raghothaman, Balaji; Sandberg, Stuart; Ahmadi, Sassan
 (74) Davies Collison Cave Pty Ltd

(71) Alnylam Pharmaceuticals, Inc.
 (11) AU-A-2022201595
 (21) 2022201595 (22) 08.03.2022
 (54) COMPOSITIONS AND METHODS FOR INHIBITING EXPRESSION OF TMPRSS6 GENE
 (51) Int. Cl.
 A61K 48/00 (2006.01)
 A61K 9/127 (2006.01)
 C12N 15/11 (2006.01)
 (43) 31.03.2022
 (62) 2019257363
 (72) BUMCROT, David; BETTENCOURT, Brian; TOUDJARSKA, Ivanka
 (74) Griffith Hack

(71) A-Mark Ind. Pty Ltd
 (11) AU-A-2021221572
 (21) 2021221572 (22) 25.08.2021
 (54) Drain
 (51) Int. Cl.
 E03F 5/04 (2006.01)
 E03F 3/04 (2006.01)
 E03F 5/06 (2006.01)
 (31) 2020903323 (32) 17.09.20 (33) AU
 (43) 31.03.2022
 (72) Proctor, John
 (74) Spruson & Ferguson

(71) Angel Group Co., Ltd.
 (11) AU-A-2022201678
 (21) 2022201678 (22) 10.03.2022
 (54) TABLE GAME MANAGEMENT SYSTEM AND GAME TOKEN
 (51) Int. Cl.
 A63F 1/06 (2006.01)
 A44C 21/00 (2006.01)
 A63F 3/00 (2006.01)
 G07F 17/32 (2006.01)

Applications Open to Public Inspection - Name Index cont'd

- (43) 31.03.2022
 (62) 2020205218
 (72) Shigeteta, Yasushi
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
-
- (71) Apple Inc.
 (11) AU-A-2022201561
 (21) 2022201561 (22) 07.03.2022
 (54) User interfaces for retrieving contextually relevant media content
 (51) Int. Cl.
G06F 16/178 (2019.01)
- (43) 31.03.2022
 (62) 2020267310
 (72) MIURA, Britt S.; BOVET, Simon; BUTCHER, Gary Ian; CIRCLAEYS, Eric; DYE, Alan C.; GOBERA RUBALCAVA, Daniel E.; IRANI, Cyrus Daniel; LEMAY, Stephen O.; LANGOLANT, Brendan J.; LOPEZ, Paulo Michaelo; O'ROURKE, Ryan; PENHA, Henrique; TITI, Justin S.; WILSON, Christopher
 (74) FPA Patent Attorneys Pty Ltd
-
- (71) Apple Inc.
 (11) AU-A-2022201622
 (21) 2022201622 (22) 09.03.2022
 (54) Touch screen device, method, and graphical user interface for determining commands by applying heuristics
 (51) Int. Cl.
G06F 3/041 (2006.01)
- (43) 31.03.2022
 (62) 2020260488
 (72) JOBS, Steven P.; FORSTALL, Scott; CHRISTIE, Greg; LEMAY, Stephen O.; HERZ, Scott; VAN OS, Marcel; ORDING, Bas; NOVICK, Gregory; WESTERMAN, Wayne C.; CHAUDHRI, Imran; COFFMAN, Patrick Lee; KO-CIENDA, Kenneth; GANATRA, Nitin K.; WYLD, Jeremy A.; BUSH, Jeffrey; ANZURES, Freddy Allen; MATAS, Michael; MARCOS, Paul D.; PISULA, Charles J.; KING, Virgil Scott; BLUMENBERG, Chris; TOLMASKY, Francisco Ryan; WILLIAMSON, Richard; BOULE, Andre M.J.; LAMIRAUX, Henri C.
 (74) FPA Patent Attorneys Pty Ltd
-
- (71) Applied Medical Resources Corporation
 (11) AU-A-2022201612
 (21) 2022201612 (22) 08.03.2022
 (54) Advanced first entry model for surgical simulation
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G09B 23/28 (2006.01)
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 (11) AU-A-2021229253
 (21) 2021229253 (22) 10.09.2021
 (54) CONTINUOUS SYMBOL SEQUENCE MECHANISMS FOR RANDOM BASED GAME OUTCOMES
 (51) Int. Cl.
G07F 17/32 (2006.01)
A63F 13/88 (2014.01)
- (31) 63/077,502 (32) 11.09.20 (33) US
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- (43) 31.03.2022
 (72) UBERUAGA, Christmas; MIRJAVADI, Daniel; ENGLMAN, Allon
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- (71) Aristocrat Technologies, Inc.
 (11) AU-A-2021229257
 (21) 2021229257 (22) 10.09.2021
 (54) CREDIT-SUBSTITUTION SYMBOL MECHANISMS FOR RANDOM BASED GAME OUTCOMES
 (51) Int. Cl.
A63F 13/46 (2014.01)
A63F 9/24 (2006.01)
A63F 13/25 (2014.01)
A63F 13/52 (2014.01)
- (31) 16/948,308 (32) 11.09.20 (33) US
 (43) 31.03.2022
 (72) PENACHO, Gary; ENGLMAN, Allon
 (74) Griffith Hack
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- (71) Aristocrat Technologies, Inc.
 (11) AU-A-2021229259
 (21) 2021229259 (22) 10.09.2021
 (54) CREDIT-SUBSTITUTION SYMBOL MECHANISMS WITH REEL GROWTH FOR RANDOM BASED GAME OUTCOMES
 (51) Int. Cl.
G07F 17/34 (2006.01)
- (31) 16/948,309 (32) 11.09.20 (33) US
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 (72) HENDRICKS, Bradley; PENACHO, Gary; ENGLMAN, Allon
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- (71) Aristocrat Technologies, Inc.
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 (21) 2021232742 (22) 15.09.2021
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 (51) Int. Cl.
G07F 17/34 (2006.01)
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 (51) Int. Cl.
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H04B 7/185 (2006.01)
H04B 1/12 (2006.01)
H04B 1/76 (2006.01)
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 (72) AVELLAN, Abel; JAYASIMHA, Sriram
 (74) Cotters Patent & Trade Mark Attorneys
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 (54) E-cigarette personal vaporizer
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A24F 47/00 (2020.01)
A24F 15/12 (2006.01)
A24F 15/18 (2006.01)
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 (62) 2019240595
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G06N 10/00 (2022.01)
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 (43) 31.03.2022
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G99Z 99/00 (2006.01)
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- (71) Berkeley Lights, Inc.
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 (21) 2022201620 (22) 09.03.2022
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B01L 3/00 (2006.01)
C12M 1/00 (2006.01)
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 (51) Int. Cl.
F16L 59/18 (2006.01)
A62B 99/00 (2009.01)
E03C 1/122 (2006.01)
E03F 5/08 (2006.01)
E04D 13/147 (2006.01)
F16L 5/02 (2006.01)
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F16L 41/08 (2006.01)
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G06Q 40/02 (2012.01)
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F01N 3/035 (2006.01)
B01D 53/94 (2006.01)
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A47L 1/15 (2006.01)
A47L 13/17 (2006.01)
C11D 7/04 (2006.01)
C11D 7/08 (2006.01)
C11D 7/26 (2006.01)
C11D 17/04 (2006.01)
A47L 13/022 (2006.01)
A47L 13/08 (2006.01)
A47L 13/11 (2006.01)
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B01L 7/00 (2006.01)
C12N 9/12 (2006.01)
C12N 15/10 (2006.01)
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C07C 49/203 (2006.01)
A61K 8/40 (2006.01)
A61Q 17/04 (2006.01)
C07D 209/10 (2006.01)
C07D 221/04 (2006.01)
C08K 5/16 (2006.01)
C09D 5/32 (2006.01)
C11D 3/26 (2006.01)
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G01V 1/133 (2006.01)
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(74) mdp Patent and Trade Mark Attorneys

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G05D 1/02 (2020.01)
E02F 3/76 (2006.01)
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E02F 9/20 (2006.01)
G06N 3/02 (2006.01)
G06N 20/00 (2019.01)
G06T 17/05 (2011.01)
H04W 4/38 (2018.01)
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(51) Int. Cl.
B62D 6/00 (2006.01)
B60W 40/06 (2012.01)
E02F 9/26 (2006.01)
G05D 1/00 (2006.01)
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(51) Int. Cl.
E03F 5/04 (2006.01)
F16K 15/03 (2006.01)
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(72) Khojasteh, Ali; Peng, Dean
(74) Dentons Patent Attorneys Australasia Limited

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G10L 19/093 (2013.01)
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(71) Dolby Laboratories Licensing Corporation
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(54) Quantization parameter signaling
(51) Int. Cl.
H04N 19/126 (2014.01)
H04N 19/186 (2014.01)
H04N 19/463 (2014.01)
H04N 19/70 (2014.01)
H04N 19/91 (2014.01)
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A46B 3/02 (2006.01)
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(21) 2021209270

(71) Eddy Current Limited Partnership
(11) AU-A-2022201587
(21) 2022201587 **(22)** 08.03.2022
(54) Eddy Current Brake Configurations
(51) Int. Cl.
H02K 49/04 (2006.01)
A62B 1/08 (2006.01)
B60L 7/28 (2006.01)
F16D 59/02 (2006.01)
H02K 7/10 (2006.01)
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(51) Int. Cl.
C07K 14/725 (2006.01)
A61K 35/17 (2015.01)
A61K 38/17 (2006.01)
C12N 15/62 (2006.01)
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(71) Farmobile LLC
(11) AU-A-2021232730
(21) 2021232730 **(22)** 15.09.2021
(54) GEOSPATIAL AGGREGATING AND LAYERING OF FIELD DATA
(51) Int. Cl.
G06F 16/29 (2019.01)
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G06F 16/248 (2019.01)
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C07K 16/10 (2006.01)
C07K 16/28 (2006.01)
C07K 16/32 (2006.01)
C07K 16/46 (2006.01)
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(74) Griffith Hack
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- (71) GreenLight Biosciences, Inc.
(11) AU-A-2022201599
(21) 2022201599 (22) 08.03.2022
(54) METHODS AND COMPOSITIONS FOR NUCLEOSIDE TRIPHOSPHATE AND RIBONUCLEIC ACID PRODUCTION
(51) Int. Cl.
C12P 19/30 (2006.01)
C12P 19/32 (2006.01)
C12P 19/34 (2006.01)
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(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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(11) AU-A-2021200357
(21) 2021200357 (22) 20.01.2021
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(51) Int. Cl.
A61K 35/28 (2015.01)
A61P 31/12 (2006.01)
A61P 39/06 (2006.01)
C12N 5/0775 (2010.01)
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C07K 16/00 (2006.01)
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F16B 31/02 (2006.01)
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C07D 498/18 (2006.01)
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(54) Methods of preparing cytotoxic benzodiazepine derivatives
(51) Int. Cl.
C07C 205/19 (2006.01)
C07D 207/452 (2006.01)
C07D 487/04 (2006.01)
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C07D 231/16 (2006.01)
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(54) SUSTAINED-RELEASE DOSAGE FORMS OF RUXOLITINIB
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(74) Houlihan² Pty Ltd
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- (71) Institut National D'etudes Supérieures Agronomiques de Montpellier (Montpellier SupAgro); Institut national de recherche pour l'agriculture, l'alimentation et l'environnement; Danstar Ferment AG
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- (71) Integrity Security Services, LLC
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(72) SCHETINA, Erik S.
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(54) BAG-MAKING AND PACKAGING APPARATUS
(51) Int. Cl.
B65B 43/08 (2006.01)
B65B 9/02 (2006.01)
B65B 41/16 (2006.01)
B65B 41/18 (2006.01)
B65B 47/02 (2006.01)
B65B 47/04 (2006.01)
B65B 57/04 (2006.01)

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(74) Phillips Ormonde Fitzpatrick

(71) iSOL8 Pty Ltd
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(21) 2022201115 **(22)** 18.02.2022
(54) Apparatus and Related Method for Isolation Locking of an Asset
(51) Int. Cl.
F16P 3/00 (2006.01)
E05B 19/00 (2006.01)
E05B 67/00 (2006.01)
G06Q 50/04 (2012.01)
G07C 9/00 (2020.01)
(43) 31.03.2022
(62) 2019265222
(72) POWER, Stephen
(74) Golja Haines & Friend

(71) Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation
(11) AU-A-2021229185
(21) 2021229185 **(22)** 08.09.2021
(54) Acid gas removal control apparatus, acid gas removal control method, and acid gas removing apparatus
(51) Int. Cl.
B01D 53/14 (2006.01)
B01D 53/60 (2006.01)
B01D 53/62 (2006.01)
B01D 53/78 (2006.01)
B01D 53/96 (2006.01)
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(74) Davies Collison Cave Pty Ltd

(71) Kasada Pty Ltd
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(21) 2022201610 **(22)** 08.03.2022
(54) Dynamic cryptographic polymorphism (DCP) system and method
(51) Int. Cl.
G06F 21/30 (2013.01)
H04L 9/32 (2006.01)
H04L 29/06 (2006.01)
(43) 31.03.2022
(62) 2016340025
(72) CROWTHER, Samuel John
(74) Spruson & Ferguson

(71) Kortek Industries Pty Ltd
(11) AU-A-2022201624
(21) 2022201624 **(22)** 09.03.2022
(54) ADAPTABLE WIRELESS POWER, LIGHT AND AUTOMATION SYSTEM
(51) Int. Cl.
H05B 37/02 (2006.01)
H04L 12/28 (2006.01)

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(72) Davis, Barrie; Davis, Benjamin; Davis, Matthew
(74) Southern Cross Intellectual Property

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(21) 2022201609 **(22)** 08.03.2022
(54) Artificial lash extensions
(51) Int. Cl.
A41G 5/02 (2006.01)
A41G 5/00 (2006.01)
A45D 2/48 (2006.01)
(43) 31.03.2022
(62) 2017302022
(72) LOTTI, Sahara
(74) Spruson & Ferguson

(71) LG ELECTRONICS INC.
(11) AU-A-2022201388
(21) 2022201388 **(22)** 01.03.2022
(54) LIQUID DISPENSING DEVICE
(51) Int. Cl.
E03C 1/048 (2006.01)
B67D 1/08 (2006.01)
E03C 1/044 (2006.01)
(43) 31.03.2022
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(72) JEONG, Soongy; JEON, Jewook; HAN, Dongkoo; JI, Jingyu; KIM, Sangnam; YUN, Jongwon; YEO, Junki; KIM, Youngseok
(74) Dentons Patent Attorneys Australasia Limited

(71) LUBRIZOL ADVANCED MATERIALS, INC.
(11) AU-A-2022201642
(21) 2022201642 **(22)** 09.03.2022
(54) ARTICLES MADE FROM HYDROPHILIC THERMOPLASTIC POLYURETHANE COMPOSITIONS
(51) Int. Cl.
C08G 18/66 (2006.01)
C08G 18/08 (2006.01)
C08G 18/73 (2006.01)
C08G 18/75 (2006.01)
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(72) Vontorcik Jr., Joseph J.; Cozzens, David
(74) Houlihan² Pty Ltd

Lucey, P. see Stats LLC
(21) 2022201634

(71) Magic Leap, Inc.
(11) AU-A-2022201611
(21) 2022201611 **(22)** 08.03.2022
(54) Virtual, augmented, and mixed reality systems and methods
(51) Int. Cl.
G06K 9/36 (2006.01)
G06K 9/54 (2006.01)
G06K 9/60 (2006.01)

G10L 21/00 (2013.01)
H04W 24/00 (2009.01)
(43) 31.03.2022
(62) 2017317600
(72) Rodriguez, Jose Felix; Perez, Ricardo Martinez
(74) Davies Collison Cave Pty Ltd

(71) Magic Leap, Inc.
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(21) 2022201635 **(22)** 09.03.2022
(54) Direct light compensation technique for augmented reality system
(51) Int. Cl.
G09G 5/02 (2006.01)
G06T 15/10 (2011.01)
G06T 17/10 (2006.01)
G09G 5/04 (2006.01)
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(72) Kass, Michael
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(71) Magic Leap, Inc.
(11) AU-A-2022201650
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(54) Word flow annotation
(51) Int. Cl.
G10L 15/183 (2013.01)
(43) 31.03.2022
(62) 2017308914
(72) Kaehler, Adrian; Devine, Jennifer M.R.; Sommers, Jeffrey; Seuck, Joseph Wayne
(74) Davies Collison Cave Pty Ltd

(71) MAK, Y.K.
(11) AU-A-2021232747
(21) 2021232747 **(22)** 15.09.2021
(54) QUICK STRING-TYING DEVICE AND METHOD
(51) Int. Cl.
F16G 11/14 (2006.01)
A43C 7/08 (2006.01)
B65B 13/02 (2006.01)
(31) 63/078,919 **(32)** 16.09.20 **(33)** US
(43) 31.03.2022
(72) MAK, Yok Key; MAK, Chi Yin
(74) Elliptic Legal & Patent Services

(71) MAMMOTH INDUSTRIES PTY LTD
(11) AU-A-2021229236
(21) 2021229236 **(22)** 10.09.2021
(54) SOFT CLOSER ADJUSTMENT MECHANISM FOR A SLIDING PANEL INSTALLATION
(51) Int. Cl.
E05F 5/00 (2017.01)
E05D 15/06 (2006.01)
(31) 2020903261 **(32)** 11.09.20 **(33)** AU
 2020904121 11.11.20 AU
(43) 31.03.2022
(72) LANG, Craig
(74) Churchill Attorneys

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 (11) AU-A-2021229198
 (21) 2021229198 (22) 08.09.2021
 (54) Multifunctional surgical tool and system
 (51) Int. Cl.
A61B 17/16 (2006.01)
A61B 17/14 (2006.01)
A61B 17/3211 (2006.01)
A61B 18/14 (2006.01)
 (31) 63/078,724 (32) 15.09.20 (33) US
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 (43) 31.03.2022
 (72) ZUCKER, Ido; MANLEY, Prakash; LA-
 OUAR, Yahia; CHENG, Xiaoming;
 MIRI, Mohammad; PALM, Matthew
 (74) FB Rice Pty Ltd
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- (71) Meishan CRRC Brake Science & Tech-
 nology Co., Ltd.
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 (54) Braking device and railway vehicle
 (51) Int. Cl.
B61H 13/00 (2006.01)
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 MAO, Fuying; WANG, Kaien; ZHU, Ji;
 SHEN, Jianhong; LIU, Yi; LUO, Junwei;
 XIAO, Chen; LUO, Hanjiang; ZHANG,
 Guangcai; YIN, Maiyun; SONG, Zhiy-
 ong; XIAO, Bali; LIU, Baohua
 (74) FPA Patent Attorneys Pty Ltd
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- (71) Merck Sharp & Dohme Corp.
 (11) AU-A-2022201686
 (21) 2022201686 (22) 10.03.2022
 (54) Methods for treatment and prophylaxis
 of HIV and AIDS
 (51) Int. Cl.
A61K 31/7076 (2006.01)
A61P 31/18 (2006.01)
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 (62) 2020202866
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 Deborah Anne
 (74) Spruson & Ferguson
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- (71) Meso Scale Technologies, LLC
 (11) AU-A-2022201593
 (21) 2022201593 (22) 08.03.2022
 (54) IMPROVED ASSAY METHODS
 (51) Int. Cl.
G01N 33/53 (2006.01)
G01N 33/532 (2006.01)
G01N 33/58 (2006.01)
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 (72) Aghvanyan, Anahit; Glezer, Eli N.; Ken-
 ten, John; Sigal, George; Stengelin,
 Martin
 (74) Phillips Ormonde Fitzpatrick
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- (71) Mitsubishi Electric Corporation
 (11) AU-A-2022201579
 (21) 2022201579 (22) 08.03.2022
- (54) MOBILE COMMUNICATION SYSTEM,
 BASE STATION, NEIGHBOR BASE
 STATION AND MOBILE TERMINAL
 (51) Int. Cl.
H04W 52/02 (2009.01)
H04W 72/04 (2009.01)
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 (72) MAEDA, Miho; MOCHIZUKI, Mitsuru
 (74) Pizzeys Patent and Trade Mark Attor-
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 (21) 2022201591 (22) 08.03.2022
 (54) IMPROVED PANEL AND POST SYS-
 TEMS
 (51) Int. Cl.
E02D 17/00 (2006.01)
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 (72) HARVEY, Jason; CACHIA, Jason;
 HOLDEN, Nicholas
 (74) Halfords IP
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- (71) Monsanto Technology LLC
 (11) AU-A-2022201589
 (21) 2022201589 (22) 08.03.2022
 (54) Method of cleaning residual pesticide
 from an agricultural vessel
 (51) Int. Cl.
B08B 9/08 (2006.01)
 (43) 31.03.2022
 (62) 2020213290
 (72) Herr, Amanda C.; Morgenstern, David
 A.; Taylor, James W.
 (74) Griffith Hack
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- (71) MPS2 Pty Ltd
 (11) AU-A-2021221425
 (21) 2021221425 (22) 23.08.2021
 (54) Mill liner bolt for a mill liner of an ore
 grinding mill
 (51) Int. Cl.
F16B 35/04 (2006.01)
B02C 17/22 (2006.01)
F16B 35/06 (2006.01)
 (31) 2020903293 (32) 15.09.20 (33) AU
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 (72) MCCRACKEN, Bradford; EWERS,
 Mark; TRAWNITSCHKE, Rolf
 (74) SPICER SPICER PTY LTD
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- (71) MTI Group Pty Ltd
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 (21) 2021232793 (22) 16.09.2021
 (54) Anchor for use in deployment of article
 in borehole
 (51) Int. Cl.
E21B 23/01 (2006.01)
B65H 75/14 (2006.01)
B65H 75/28 (2006.01)
E21B 19/08 (2006.01)
E21B 23/06 (2006.01)
E21B 23/14 (2006.01)
E21B 33/068 (2006.01)
E21B 33/072 (2006.01)
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- E21B 33/13** (2006.01)
F42D 1/08 (2006.01)
E02D 5/80 (2006.01)
E21B 41/00 (2006.01)
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 (72) Bodley, Nicholas
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 (21) 2022200455 (22) 03.02.2022
 (54) VALIDATING TELEPHONE CALLS BY
 VERIFYING ENTITY IDENTITIES US-
 ING BLOCKCHAINS
 (51) Int. Cl.
H04M 3/38 (2006.01)
H04L 67/01 (2022.01)
H04M 3/42 (2006.01)
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 (62) 2020241597
 (72) Johnson, Rebekah; Jaffer, Mohamed
 S.A.
 (74) Pizzeys Patent and Trade Mark Attor-
 neys Pty Ltd
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- (71) OMEGA LIFE SCIENCE LTD
 (11) AU-A-2022201483
 (21) 2022201483 (22) 03.03.2022
 (54) NEBULIZERS AND USES THEREOF
 (51) Int. Cl.
A61M 11/02 (2006.01)
 (43) 31.03.2022
 (62) 2020203674
 (72) HAZANI, Miron
 (74) Pipers Intellectual Property
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- (71) OpenTV, Inc.
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 (21) 2022201638 (22) 09.03.2022
 (54) System and method for providing ad-
 vertising consistency
 (51) Int. Cl.
G06Q 30/00 (2012.01)
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 (62) 2020202033
 (72) BARENZUNG, Eric; TINSMAN, John
 (74) FB Rice Pty Ltd
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- (71) Opus Medical Therapies, LLC
 (11) AU-A-2022201586
 (21) 2022201586 (22) 08.03.2022
 (54) TRANSCATHETER VALVE DEVICES
 AND SYSTEMS
 (51) Int. Cl.
A61B 17/00 (2006.01)
A61B 17/04 (2006.01)
A61B 17/064 (2006.01)
A61B 17/08 (2006.01)
A61F 2/24 (2006.01)
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 Eduardo; Liao, Yenchin
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 (54) Multidimensional Coding of Stimulation Pulses
 (51) Int. Cl.
 A61N 1/36 (2006.01)
 A61N 1/05 (2006.01)
 H04R 25/00 (2006.01)
 H04R 29/00 (2006.01)
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(71) Ovala, Inc.
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 (21) 2022201640 (22) 09.03.2022
 (54) Incontinence Device
 (51) Int. Cl.
 A61F 2/04 (2013.01)
 A61F 5/455 (2006.01)
 A61F 13/472 (2006.01)
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 (74) Burns IP & Commercial Pty Ltd

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 (21) 2022201657 (22) 09.03.2022
 (54) Antitumoral Compounds
 (51) Int. Cl.
 C07D 515/22 (2006.01)
 A61K 31/4995 (2006.01)
 A61P 35/00 (2006.01)
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 (62) 2022200249
 (72) Cuevas Marchante, Maria Del Carmen; Francesch Solloso, Andreas; Martinez Barrasa, Valentin
 (74) WRAYS PTY LTD

(71) Primsal International Limited
 (11) AU-A-2021221432
 (21) 2021221432 (22) 23.08.2021
 (54) LIGHTING DEVICE
 (51) Int. Cl.
 F21V 21/03 (2006.01)
 (31) 202021992638.5 (32) 11.09.20 (33) CN
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 (72) Sicari, Adam; Yanqing, Cai; Xiangchun, Zeng; Wen, Wang; Xiaojie, Zhou
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(71) Prostar Energy Technologies (USA) LLC
 (11) AU-A-2022201552
 (21) 2022201552 (22) 07.03.2022
 (54) Pipe handler and pipe loader for a well rig
 (51) Int. Cl.
 E21B 19/15 (2006.01)
 E21B 19/16 (2006.01)
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 (74) FB Rice Pty Ltd

(71) ReFire Group Pty Ltd
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 (54) Fire Booster Cabinet & Method
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 A62C 35/20 (2006.01)
 A47B 43/00 (2006.01)
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 (72) SMITH, Jeannine
 (74) Fraser Old & Sohn

(71) Rite-Hite Holding Corporation
 (11) AU-A-2021290321
 (21) 2021290321 (22) 23.12.2021
 (54) Fan And Light Units And Associated Mounting Arrangement For Use At A Loading Dock
 (51) Int. Cl.
 F21V 21/28 (2006.01)
 F04D 17/08 (2006.01)
 F21V 33/00 (2006.01)
 F24F 13/32 (2006.01)
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 (11) AU-A-2022201660
 (21) 2022201660 (22) 09.03.2022
 (54) Neuroactive steroids, compositions, and uses thereof
 (51) Int. Cl.
 C07K 16/44 (2006.01)
 C07J 9/00 (2006.01)
 C07J 43/00 (2006.01)
 C07K 14/00 (2006.01)
 G01N 33/566 (2006.01)
 (43) 31.03.2022
 (62) 2020203502
 (72) REDDY, Kiran; DOHERTY, James J.
 (74) Spruson & Ferguson

(71) Sarepta Therapeutics, Inc.
 (11) AU-A-2022201628
 (21) 2022201628 (22) 09.03.2022
 (54) Improved exon skipping compositions for treating muscular dystrophy
 (51) Int. Cl.
 C12N 15/113 (2010.01)
 A61K 31/7088 (2006.01)
 (43) 31.03.2022
 (62) 2019253778
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 (74) Davies Collison Cave Pty Ltd

(71) Selecta Biosciences, Inc.
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 (21) 2022201641 (22) 09.03.2022
 (54) DELIVERY OF IMMUNOSUPPRESSANTS HAVING A SPECIFIED PHARMACODYNAMIC EFFECTIVE-LIFE AND ANTIGEN FOR THE INDUCTION OF IMMUNE TOLERANCE
 (51) Int. Cl.
 A61K 9/16 (2006.01)
 A61K 31/445 (2006.01)
 A61K 47/30 (2006.01)
 A61K 48/00 (2006.01)
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 (62) 2020200824
 (72) Kishimoto, Takashi Kei
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) SEMINIS VEGETABLE SEEDS, INC.
 (11) AU-A-2022201596
 (21) 2022201596 (22) 08.03.2022
 (54) Tomato plants with improved disease resistance
 (51) Int. Cl.
 C12N 15/10 (2006.01)
 C12N 15/00 (2006.01)
 C12N 15/11 (2006.01)
 C12N 15/63 (2006.01)
 C12N 15/87 (2006.01)
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 (72) ALLERSMA, Anton P.; DROST, Derek R.; FRANTZ, James D.; GALLEGOS, Laura; GARCIA ANDRES, Susana M.; GRAHAM, Elaine; PEDRONI, Stephanie; SALLERES NEIRA, Maria B.
 (74) Griffith Hack

(71) Seoul Robotics Co., Ltd.
 (11) AU-A-2022201618
 (21) 2022201618 (22) 09.03.2022
 (54) Vehicle using spatial information acquired using sensor, sensing device using spatial information acquired using sensor, and server
 (51) Int. Cl.
 G05D 1/02 (2020.01)
 B60W 30/14 (2006.01)
 B60W 40/02 (2006.01)
 G05D 1/10 (2006.01)
 (43) 31.03.2022
 (62) 2019419781
 (72) LEE, Han Bin; PARK, Jae Il; TRUONG, Hong Minh; KWON, O. Ran
 (74) FB Rice Pty Ltd

Sha, L. see Stats LLC
 (21) 2022201634

(71) SHANDONG AGRICULTURAL UNIVERSITY
 (11) AU-A-2022201656
 (21) 2022201656 (22) 09.03.2022
 (54) WHEAT MALE-STERILITY GENE WMS AND ITS ANTHER-SPECIF-

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(51) Int. Cl.
C12N 15/29 (2006.01)
A01H 5/00 (2018.01)
C12N 5/10 (2006.01)
C12N 15/82 (2006.01)
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(62) 2016272688
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(74) Houlihan² Pty Ltd

(71) Sichuan Baili Pharmaceutical Co., Ltd
(11) AU-A-2020442003
(21) 2020442003 **(22)** 15.09.2020
(54) A camptothecin drug and its antibody conjugate thereof
(51) Int. Cl.
C07D 491/22 (2006.01)
A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
(43) 31.03.2022
(72) ZHU, Yi; WAN, Weili; ZHUO, Shi; QIN, Wenfang; ZHANG, Yong
(74) FPA Patent Attorneys Pty Ltd

(71) SKINPROTECT CORPORATION SDN BHD
(11) AU-A-2022201661
(21) 2022201661 **(22)** 09.03.2022
(54) Elastomeric gloves and methods for their production
(51) Int. Cl.
A61B 42/10 (2016.01)
A41D 19/015 (2006.01)
C08L 13/02 (2006.01)
(43) 31.03.2022
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(72) FOO, Khon Pu; PRABHAKARAN, Kumaresan
(74) Griffith Hack

(71) Smith & Nephew, Inc.; Smith & Nephew Orthopaedics AG; Smith & Nephew Asia Pacific Pte. Limited
(11) AU-A-2021232691
(21) 2021232691 **(22)** 14.09.2021
(54) Joint repair augmentation
(51) Int. Cl.
A61F 2/28 (2006.01)
A61B 17/56 (2006.01)
(31) 63/078,541 **(32)** 15.09.20 **(33)** US
 63/192,383 24.05.21 US
(43) 31.03.2022
(72) Rogers, Jon Paul; Thyden, Michael; Santangelo, Stephen Anthony; Hosseini, Ali; Colleran, Dennis
(74) Davies Collison Cave Pty Ltd

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(21) 2021232691

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(21) 2021232691

(71) Snap-on Incorporated
(11) AU-A-2022201571
(21) 2022201571 **(22)** 07.03.2022
(54) Pneumatic tool exhaust muffler
(51) Int. Cl.
B25F 5/00 (2006.01)
B23B 47/00 (2006.01)
B25D 17/12 (2006.01)
(43) 31.03.2022
(62) 2020210257
(72) KUTER-ARNEBECK, Ottoleo
(74) Griffith Hack

(71) Solpod Pty Ltd
(11) AU-A-2021229254
(21) 2021229254 **(22)** 10.09.2021
(54) A Mounting System for Photo-Voltaic Modules
(51) Int. Cl.
H02S 20/23 (2014.01)
F16B 2/06 (2006.01)
F16B 5/06 (2006.01)
F24S 25/636 (2018.01)
H02S 30/10 (2014.01)
F16M 13/02 (2006.01)
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(31) 2020903265 **(32)** 11.09.20 **(33)** AU
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(72) Lawrence, Jeremy; Walker, James; Larratt, James
(74) Argon IP Advisory Pty Ltd

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(21) 2021269381

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(21) 2021269381

(71) State Grid Jiangsu Electric Power Co., Ltd. Marketing Service Center; State Grid Jiangsu Electric Power Co., Ltd.; State Grid Corporation of China
(11) AU-A-2021269381
(21) 2021269381 **(22)** 14.09.2021
(54) Quasi-real-time data collection system and method for competitive power market
(51) Int. Cl.
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G06F 17/00 (2019.01)
G06F 17/10 (2006.01)
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(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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A63B 21/00 (2006.01)
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B28B 3/00 (2006.01)
B63B 35/44 (2006.01)
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A61B 17/32 (2006.01)
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(21) 2021209265 (22) 29.07.2021
(54) Method and system for ultrasonic characterization of a medium
(51) Int. Cl.
G01S 15/87 (2006.01)
A61B 8/00 (2006.01)
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C12N 5/07 (2010.01)
A61K 35/12 (2015.01)
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C12N 5/073 (2010.01)
C12N 5/077 (2010.01)
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A63B 24/00 (2006.01)
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F16B 12/32 (2006.01)
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H02P 3/12 (2006.01)
H02M 5/453 (2006.01)
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B60W 40/12 (2012.01)
G05B 19/045 (2006.01)
G05D 1/00 (2006.01)
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H04W 4/021 (2018.01)
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G05D 1/10 (2006.01)
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G01S 17/06 (2006.01)
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G05D 1/00 (2006.01)
G08G 1/00 (2006.01)
H04W 4/38 (2018.01)
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(54) MIGRAINE PREVENTION AND
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PARATUSES, SYSTEMS, AND METH-
ODS
(51) Int. Cl.
B60W 10/04 (2006.01)
B60L 58/10 (2019.01)
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(74) Pizzeyes Patent and Trade Mark Attor-
neys Pty Ltd

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(54) Compounds as nuclear transport modu-
lators and uses thereof

(51) Int. Cl.
C07D 249/08 (2006.01)
A61K 31/4196 (2006.01)
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(71) Yissum Research Development Com-
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usalem Ltd.; The State of Israel, Min-
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ment, Agricultural Research Organiza-
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(54) MAGNESIUM ION AS ANTIBACTERI-
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2020233663	Agnew, D.	2022201553	UCL Business Ltd
2020233676	ReFire Group Pty Ltd	2022201556	The Regents of the University of Michigan
2020233718	Dalian University of Technology	2022201557	ImmunoGen, Inc.
2020233740	T S & B RETAIL SYSTEMS PTY. LTD.	2022201561	Apple Inc.
2020281020	Meishan CRRC Brake Science & Technology Co., Ltd.	2022201565	UNIVERSITÄTS-KINDERSPITAL BEIDER BASEL
2020442003	Sichuan Baili Pharmaceutical Co., Ltd	2022201566	AST & Science, LLC
2021200357	Hunan Yuanpin Cell Technology Co. Ltd	2022201568	DDSports, Inc.
2021206800	A. Raymond Et Cie	2022201569	Dolby Laboratories Licensing Corporation
2021209265	Supersonic Imagine; Centre National de la Recherche Scientifique - CNRS -; Ecole Supérieure de Physique et de Chimie Industrielles de la Ville de Paris	2022201571	Snap-on Incorporated
2021209266	Supersonic Imagine; Centre National de la Recherche Scientifique - CNRS -; Ecole Supérieure de Physique et de Chimie Industrielles de la Ville de Paris	2022201572	ImmunoGen, Inc.
2021209268	Supersonic Imagine; Centre National de la Recherche Scientifique - CNRS -; Ecole Supérieure de Physique et de Chimie Industrielles de la Ville de Paris	2022201575	AC Designs Pty Ltd
2021209270	Supersonic Imagine; Centre National de la Recherche Scientifique - CNRS -; Ecole Supérieure de Physique et de Chimie Industrielles de la Ville de Paris	2022201578	Abiomed, Inc.
2021215096	Deere & Company	2022201579	Mitsubishi Electric Corporation
2021215232	Deere & Company	2022201580	ViaSat, Inc.
2021215275	Covidien LP	2022201581	Yissum Research Development Company of the Hebrew University of Jerusalem Ltd.; The State of Israel, Ministry of Agriculture & Rural Development, Agricultural Research Organization (ARO) (Volcani Center)
2021221387	TuSimple, Inc.	2022201582	INCYTE HOLDINGS CORPORATION
2021221425	MPS2 Pty Ltd	2022201584	Click Diagnostics, Inc.
2021221432	Primsal International Limited	2022201585	IGM Biosciences, Inc.
2021221572	A-Mark Ind. Pty Ltd	2022201586	Opus Medical Therapies, LLC
2021221716	Clean Screens Australia Pty Ltd	2022201587	Eddy Current Limited Partnership
2021225171	The Boeing Company	2022201588	Syngenta Participations AG
2021225209	Thrush, P.	2022201589	Monsanto Technology LLC
2021225212	A. Raymond Et Cie	2022201590	Capital Confirmation Inc
2021229144	Transportation IP Holdings, LLC	2022201591	Modular Innovations Pty Ltd
2021229152	XL Hybrids	2022201593	Meso Scale Technologies, LLC
2021229185	Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation	2022201594	The Gillette Company LLC
2021229198	Mazor Robotics Ltd.	2022201595	Alnylam Pharmaceuticals, Inc.
2021229227	STAXX PTY LTD	2022201596	SEMINIS VEGETABLE SEEDS, INC.
2021229236	MAMMOTH INDUSTRIES PTY LTD	2022201599	GreenLight Biosciences, Inc.
2021229253	Aristocrat Technologies, Inc.	2022201600	TMA Capital Australia Pty Ltd
2021229254	Solpod Pty Ltd	2022201601	Commonwealth Scientific and Industrial Research Organisation
2021229257	Aristocrat Technologies, Inc.	2022201602	3DMORPHIC PTY LTD
2021229259	Aristocrat Technologies, Inc.	2022201603	Acceleron Pharma Inc.
2021229267	TuSimple, Inc.	2022201606	Integrity Security Services, LLC
2021232663	Oticon Medical A/S	2022201607	Covco (H.K) Limited
2021232673	Topstar GmbH	2022201608	Genmab A/S
2021232681	Acer Incorporated	2022201609	Lashify, Inc.
2021232683	Bolton, L.	2022201610	Kasada Pty Ltd
2021232691	Smith & Nephew, Inc.; Smith & Nephew Orthopaedics AG; Smith & Nephew Asia Pacific Pte. Limited	2022201611	Magic Leap, Inc.
2021232730	Farmobile LLC	2022201612	Applied Medical Resources Corporation
2021232734	Ishida Co., Ltd.	2022201614	Swick Mining Services Ltd
2021232742	Aristocrat Technologies, Inc.	2022201618	Seoul Robotics Co., Ltd.
2021232747	MAK, Y.K.	2022201620	Berkeley Lights, Inc.
2021232792	Deks Industries Pty Ltd	2022201622	Apple Inc.
2021232793	MTI Group Pty Ltd	2022201624	Kortek Industries Pty Ltd
2021269381	State Grid Jiangsu Electric Power Co., Ltd. Marketing Service Center; State Grid Jiangsu Electric Power Co., Ltd.; State Grid Corporation of China	2022201625	VMware, Inc
2021290321	Rite-Hite Holding Corporation	2022201626	Stryker Corporation
2022200455	Numeracle, Inc.	2022201627	Brilliant Light Power, Inc.
2022201115	iSOL8 Pty Ltd	2022201628	Sarepta Therapeutics, Inc.
2022201203	Stephen, C.C.; Dimmock, M.S.	2022201630	Incyte Holdings Corporation
2022201292	The Gillette Company LLC	2022201633	Stryker Corporation
2022201334	Eureka Therapeutics, Inc.	2022201634	Stats LLC; Lucey, P.; Sha, L.; Wei, X.
2022201388	LG ELECTRONICS INC.	2022201635	Magic Leap, Inc.
		2022201636	Ayr Ltd
		2022201637	Illinois Tool Works Inc.
		2022201638	OpenTV, Inc.
		2022201639	Targazyme, Inc.
		2022201640	Ovala, Inc.
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Applications Open to Public Inspection - Numerical Index cont'd

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2022201654 Thomson Reuters Enterprise Centre GmbH
2022201655 W. L. Gore & Associates, Inc.
2022201656 SHANDONG AGRICULTURAL UNIVERSITY
2022201657 Pharma Mar, S.A.
2022201659 Weatherford Technology Holdings, LLC
2022201660 Sage Therapeutics, Inc.
2022201661 SKINPROTECT CORPORATION SDN BHD
2022201664 Wing Aviation LLC
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IPC Index

A01H 1 /- 2022201588	2022201655	A61K 9 /- 2022201565	2022201470	B65B 31 /- 2021206800	C07D 491 /- 2020442003
A01H 5 /- 2022201588 2022201656	A61B 18 /- 2021229198	2022201582	B01D 53 /- 2021229185	B65B 41 /- 2021232734	C07D 498 /- 2022201557
A23C 9 /- 2022201581	A61B 34 /- 2022201602	2022201595	2022201687	B65B 43 /- 2021232734	C07D 515 /- 2022201657
A23L 33 /- 2022201581	A61B 42 /- 2022201661	2022201641	B01L 3 /- 2022201584	B65B 47 /- 2021232734	C07D 519 /- 2022201572
A24F 15 /- 2022201636	A61B 50 /- 2022201626	A61M 11 /- 2022201483	B01L 7 /- 2022201584	B65B 5 /- 2021225212	C07F 5 /- 2022201630
A24F 47 /- 2022201636	A61B 8 /- 2021209265	A61M 25 /- 2022201556	B02C 17 /- 2021221425	B65B 57 /- 2021232734	C07J 43 /- 2022201660
A41D 19 /- 2022201607 2022201661	2021209266	2022201578	B08B 9 /- 2022201589	B65B 7 /- 2021206800	C07J 9 /- 2022201660
A41G 5 /- 2022201609	2021209270	A61N 1 /- 2021232663	B23B 47 /- 2022201571	B65B 7 /- 2021225212	C07K 14 /- 2022201334
A43C 7 /- 2021232747	A61F 13 /- 2022201640	A61P 25 /- 2022201565	B25D 17 /- 2022201571	B65B 9 /- 2021232734	C07K 16 /- 2022201585
A44C 21 /- 2022201678	A61F 2 /- 2021232691	A61P 31 /- 2021200357	B25F 5 /- 2022201571	B65D 21 /- 2021206800	C07K 19 /- 2022201603
A45D 2 /- 2022201609	2022201640	2022201686	B26B 21 /- 2022201594	B65D 25 /- 2021206800	C07K 16 /- 2022201608
A46B 3 /- 2020230350	A61F 5 /- 2022201556	A61P 35 /- 2020442003	B28B 3 /- 2022201203	B65D 71 /- 2021225212	C07K 19 /- 2022201603
A46B 5 /- 2022201292	2022201640	2022201657	B29C 41 /- 2022201607	B65D 81 /- 2021225212	C08G 18 /- 2022201642
A47B 43 /- 2020233676	A61F 9 /- 2022201633	2022201688	B60L 58 /- 2021229152	B65H 75 /- 2021232793	C08K 5 /- 2022201601
A47B 96 /- 2021232673	A61K 31 /- 2022201565	A61P 39 /- 2021200357	B60L 7 /- 2022201587	B67D 1 /- 2022201388	C08L 13 /- 2022201661
A47F 5 /- 2020233740	2022201582	A61Q 17 /- 2022201601	B60W 10 /- 2021229152	C07C 205 /- 2022201572	C09D 5 /- 2022201601
A47F 9 /- 2020233740	2022201628	A62B 1 /- 2022201587	B60W 30 /- 2022201618	C07C 49 /- 2022201601	C11D 17 /- 2021221716
A47G 27 /- 2020233663	2022201641	A62B 99 /- 2021232683	B60W 40 /- 2021215232	C07D 207 /- 2022201572	C11D 3 /- 2022201601
A47J 37 /- 2022201575	2022201657	A62C 35 /- 2020233676	B61H 13 /- 2020281020	C07D 209 /- 2022201601	C11D 7 /- 2021221716
A47L 1 /- 2021221716	2022201686	A63B 21 /- 2021229227	B62D 35 /- 2020230342	C07D 213 /- 2022201688	C12M 1 /- 2022201620
A47L 13 /- 2021221716	2022201688	A63B 24 /- 2022201644	B62D 6 /- 2021215232	C07D 221 /- 2022201601	C12N 15 /- 2022201334
A61B 17 /- 2021215275	A61K 35 /- 2021200357	A63B 47 /- 2022201644	B63B 35 /- 2022201203	C07D 231 /- 2022201630	2022201584
2021229198	2022201334	A63B 57 /- 2022201644	B65B 13 /- 2021232747	C07D 249 /- 2022201688	2022201595
2021232691	2022201603	A63B 71 /- 2022201644	B65B 21 /- 2021225212	C07D 487 /- 2022201572	2022201596
2022201586	2022201639	A63F 1 /- 2022201470	B65B 31 /- 2021206800	2022201630	2022201628
2022201633	A61K 47 /- 2020442003	2022201678	C07D 491 /- 2020442003	2022201630	2022201656
	2022201641	A63F 13 /- 2021229253			
	A61K 48 /- 2022201553	2021229257			
	2022201595	2022201568			
	2022201641	A63F 3 /- 2022201678			
	A61K 8 /- 2022201601	A63F 9 /- 2021229257			

Applications Open to Public Inspection - IPC Index cont'd

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C12N 9 /- 2022201584 2022201639	E21B 41 /- 2021232793	F24F 13 /- 2021290321	G06F 21 /- 2022201610	G10L 19 /- 2022201676	H04N 19 /- 2022201569
C12P 19 /- 2022201599	F01N 13 /- 2022201687	F24S 25 /- 2021229254	G06F 3 /- 2022201622	G10L 21 /- 2022201611	H04R 25 /- 2021232663
C12Q 1 /- 2022201584	F01N 3 /- 2022201687	F42D 1 /- 2021232793	G06F 9 /- 2021225171 2022201625	G21B 1 /- 2022201627	H04R 29 /- 2021232663
E02D 17 /- 2022201591	F03D 9 /- 2022201203	G01C 21 /- 2021229267	G06K 9 /- 2022201611	G21B 3 /- 2022201627	H04W 24 /- 2022201611
E02D 5 /- 2021232793	F03G 3 /- 2022201203	G01L 5 /- 2022201651	G06N 10 /- 2022201682	G99Z 99 /- 2020233657	H04W 4 /- 2021215096 2021221387 2021229267
E02F 3 /- 2021215096	F04D 17 /- 2021290321	G01N 21 /- 2022201584	G06N 20 /- 2021215096	H02J 15 /- 2022201203	H04W 52 /- 2021232681 2022201579
E02F 9 /- 2021215096 2021215232	F16B 12 /- 2021232673	G01N 29 /- 2021209270	G06N 3 /- 2021215096	H02K 49 /- 2022201587	H04W 72 /- 2021232681 2022201579 2022201683
E03C 1 /- 2021232683 2022201388	F16B 2 /- 2021229254	G01N 30 /- 2022201584	G06Q 10 /- 2022201664	H02K 7 /- 2022201203 2022201587	H04W 80 /- 2021232681
E03F 3 /- 2021221572	F16B 31 /- 2022201637	G01N 33 /- 2022201593 2022201660	G06Q 30 /- 2022201638	H02M 5 /- 2021229144	H04W 88 /- 2022201683
E03F 5 /- 2021221572 2021232683 2021232792	F16B 35 /- 2021221425	G01S 13 /- 2022201600	G06Q 40 /- 2022201590	H02M 7 /- 2021229144	H05B 37 /- 2022201624
E04D 13 /- 2021232683	F16B 5 /- 2021229254	G01S 15 /- 2021209265 2021209266 2021209268 2021209270	G06Q 50 /- 2021269381 2022201115	H02P 3 /- 2021229144	No IPC Mark
E04H 17 /- 2021225209	F16D 1 /- 2022201614	G01S 17 /- 2021229267	G06T 1 /- 2021225171	H02S 20 /- 2021229254	
E05B 19 /- 2022201115	F16D 59 /- 2022201587	G01S 19 /- 2021229267	G06T 15 /- 2022201635	H02S 30 /- 2021229254	
E05B 67 /- 2022201115	F16G 11 /- 2021232747	G01S 19 /- 2022201600	G06T 17 /- 2021215096 2022201635	H04B 1 /- 2022201566	
E05D 15 /- 2021229236	F16K 15 /- 2021232792	G01S 7 /- 2021209265 2021209266 2021209268 2021209270	G06T 7 /- 2022201634	H04B 7 /- 2022201566	
E05F 5 /- 2021229236	F16L 37 /- 2022201614	G01V 1 /- 2020233718	G07C 5 /- 2021221387	H04L 1 /- 2021232681	
E21B 10 /- 2022201614	F16L 41 /- 2021232683	G02C 7 /- 2022201601	G07C 9 /- 2022201115	H04L 12 /- 2022201624	
E21B 17 /- 2022201614 2022201659	F16L 5 /- 2021232683	G05B 19 /- 2021221387	G07F 17 /- 2021229253 2021229259 2021232742 2022201470 2022201678	H04B 1 /- 2022201566	
E21B 19 /- 2021232793 2022201552 2022201651	F16L 59 /- 2021232683	G05D 1 /- 2021215096 2021215232 2021221387 2021229267 2022201618	G07C 5 /- 2021221387	H04L 29 /- 2022201606 2022201610 2022201625	
E21B 23 /- 2021232793	F16L 9 /- 2021232683	G06F 16 /- 2021232730 2022201561 2022201654	G08G 1 /- 2021229267 2022201600	H04L 45 /- 2022201580	
E21B 25 /- 2022201614	F16M 13 /- 2021229254	G09B 23 /- 2022201612	G09G 5 /- 2022201635	H04L 47 /- 2022201580	
	F16P 3 /- 2022201115			H04L 5 /- 2021232681	
	F21V 21 /- 2021221432 2021290321			H04L 67 /- 2022200455	
				H04L 9 /- 2022201610	

Innovation Patents Open to Public Inspection

Name Index

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

A., H. see V, V.
(21) 2021102872

A., V. see S., G.
(21) 2021103367

A. H., S. see S., G.
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A. Sawarkar, H. see Bharti, P.K.
(21) 2021103273

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Aithal, P.S. see P. S., N.
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A K, P. see Devarajan, B.
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Algahtani, A. see Tirth, V.
(21) 2021103640

Ali, S. see Bharti, P.K.
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(71) Aminu, D.M.A.
(11) AU-A-2021102778
(21) 2021102778 (22) 23.05.2021
(54) A MODIFIED DISTRIBUTION AND METERING SYSTEM AND METHOD TO DEMOTIVATE ENERGY THEFT BY RESIDENTIAL CONSUMERS
(51) Int. Cl.
G06Q 50/06 (2012.01)
G01R 22/06 (2006.01)
H02J 3/02 (2006.01)
H02J 4/00 (2006.01)
(45) 31.03.2022
(72) Aminu, Maruf Asumo
(74) Dr. Maruf Asumo Aminu

ANGADI, S. see Sumathy, B.
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ASHOK, A. see S, S.
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B, A. see Devarajan, B.
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(21) 2021102774 (22) 23.05.2021
(54) A SYSTEM AND A METHOD FOR ASSESSING MENTAL ABILITY OF A USER USING AN ELECTROENCEPHALOGRAPH
(51) Int. Cl.
A61B 5/16 (2006.01)
A61B 5/00 (2006.01)
A61B 5/256 (2021.01)
A61B 5/291 (2021.01)
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(72) Bablani, Annushree; Reddy Edla, Damodar; Reddy, P. Saidi; Ramesh, Dharavath; Tripathi, Diwakar
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Babu, K.G. see Sahoo, S.
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(51) Int. Cl.
A61B 5/346 (2021.01)
A61B 5/00 (2006.01)
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(51) Int. Cl.
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Innovation Patents Open to Public Inspection - Name Index cont'd

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Bhatia, M. see Jain, M.

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Bhavani, G. see P. S., N.

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Mohd; Kausar, Mohd Adnan; Saeed,

Amir M.; Bari, Sanjay

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Boppana, U.M. see Pradhan, D.

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Bukhari, S.N.H. see Tharewal, S.S.

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Butkar, U. see Pradhan, D.

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A43B 9/18 (2006.01)

A43B 7/1405 (2022.01)

A61F 5/01 (2006.01)

B29D 35/12 (2010.01)

A43B 1/14 (2006.01)

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Chauhan, D. see Rajput, N.

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Chauhan, H. see Rajput, N.

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Chaurasia, M.A. see Badashah, S.J.

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CHIDAMBARANATHAN, P. see

SANTHOSHKUMAR, A.W.

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Chintakindi, S. see Prithvi, C.

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Chordiya, S.B. see Sahoo, S.

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C Veetil, A.S. see Tirth, V.

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(71) Datta Meghainstitute of Medical Sciences(DU); Sharad Pawar Dental College; Yeshwantrao Chavan College

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 (21) 2021103081 (22) 03.06.2021
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 (51) Int. Cl.
 A61K 36/30 (2006.01)
 A61B 17/00 (2006.01)
 A61K 9/00 (2006.01)
 A61K 9/70 (2006.01)
 A61K 36/21 (2006.01)
 A61K 36/60 (2006.01)
 A61P 17/02 (2006.01)
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 (74) Datta MegheInstitute of Medical Sciences(DU)

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- (71) Devarajan, B.; M, P.; V, B.; B, A.; A K, P.; L, R.
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 (54) Robots for lubrication
 (51) Int. Cl.
 G05D 1/00 (2006.01)
 B25J 5/00 (2006.01)
 B25J 9/00 (2006.01)
 B25J 9/16 (2006.01)
 B25J 11/00 (2006.01)
 B25J 13/08 (2006.01)
 G05B 19/19 (2006.01)
 G05D 1/02 (2020.01)
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 (74) Balaji Devarajan

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Dhanda, S. see Pradhan, D.
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Dhar, R.S. see Pradhan, D.
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Dhar, R.S. see Kumar, P.
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DUA, S.S. see Yadav, M.
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Dudhe, R. see Bharti, P.K.
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Dudhe, A. see Bharti, P.K.
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Dule, C.S. see Sumathy, B.
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Farheen, S. see Tarannum, S.
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 (11) AU-A-2022100039
 (21) 2022100039 (22) 03.03.2022
 (54) Method and system for distributed acoustic sensing
 (51) Int. Cl.
 G01D 5/353 (2006.01)
 G01H 9/00 (2006.01)
 G01N 21/47 (2006.01)
 G08B 13/186 (2006.01)
 (45) 31.03.2022
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 (72) Englund, Mark Andrew
 (74) FPA Patent Attorneys Pty Ltd

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 B62J 25/06 (2020.01)
 B62J 25/04 (2020.01)
 B62K 19/34 (2006.01)
 (31) 20180190 (32) 06.02.18 (33) NO
 (45) 31.03.2022
 (72) FLATELAND, Kai Ingvald
 (74) BRM Patent Attorneys Pty Ltd

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G., P. see Sumathy, B.
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 (51) Int. Cl.
 F03G 6/00 (2006.01)
 F03G 6/06 (2006.01)
 F24S 10/00 (2018.01)
 F24S 20/20 (2018.01)
 F24S 30/452 (2018.01)
 F24S 30/455 (2018.01)
 F24S 40/52 (2018.01)
 F24S 50/20 (2018.01)
 F24S 60/30 (2018.01)
 F24S 70/225 (2018.01)

H01L 31/054 (2014.01)
 H02S 10/10 (2014.01)
 H02S 40/44 (2014.01)
 F24S 20/00 (2018.01)

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 (72) Garg, Ayush; Singh, Uttkarsh; Upadhyay, Ankit
 (74) Bikramjit Singh

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 (21) 2021103487 (22) 20.06.2021
 (54) PiezoGen – A system to tap electrical energy from ground vibrations caused due to blasting operations in mines
 (51) Int. Cl.
 H02N 2/18 (2006.01)
 H01L 41/113 (2006.01)
 H02M 7/219 (2006.01)
 G01R 19/00 (2006.01)
 G01V 1/16 (2006.01)
 G01V 1/24 (2006.01)
 G05F 1/10 (2006.01)
 H02J 7/34 (2006.01)
 H03F 3/45 (2006.01)
 H03M 1/12 (2006.01)
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 (74) RAGHU CHANDRA GARIMELLA

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 (51) Int. Cl.
 G06Q 10/04 (2012.01)
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 (72) Gupta, Amit Kumar; Sharma, Mohit
 (74) Bikramjit Singh

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- (71) Hindustan Institute of Technology & Science (Deemed to be University)
 (11) AU-A-2021103651
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- (51) Int. Cl.
G06N 20/20 (2019.01)
G06F 17/16 (2006.01)
G06N 3/08 (2006.01)
G01W 1/10 (2006.01)
G05B 13/04 (2006.01)
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- (72) KAVITHA, G.; MANISH, DESAI; KRITHIKA, S.
- (74) Dr. G. KAVITHA
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-
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-
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-
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- (54) Self Sustained Hybrid Agriculture Management System using IoT
- (51) Int. Cl.
A01G 25/16 (2006.01)
G06Q 50/02 (2012.01)
G16Y 10/05 (2020.01)
A01B 79/00 (2006.01)
A01C 21/00 (2006.01)
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- (74) Bikramjit Singh
-
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-
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-
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-
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-
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-
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- (21) 2021103486
-
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-
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- (11) AU-A-2021103434
- (21) 2021103434 (22) 17.06.2021
- (54) A WIRELESS SYSTEM FOR REAL-TIME AND INTERACTIVE FREE-HAND SKETCHING/EDITING OF PPT
- (51) Int. Cl.
G06F 3/03 (2006.01)
G09B 5/02 (2006.01)
G06V 40/20 (2022.01)
- (45) 31.03.2022
- (72) Balasubramanian, Viswanathan; Deva-
 raju, Srinivasan
- (74) Albert Francis
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- (11) AU-A-2021103440
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- (54) SYSTEM TO DETECT THEFT IN A CASH DISPENSING MACHINE
- (51) Int. Cl.
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- (72) Siva Ayyar, Subramaniya; CHAN-
 RASEKAR, KAVIN; THIRUPPATHI,
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 DHIVAKARAN; RADHAKRISHNAN,
 DHAMODHARAN; KUMAR KANNAN,
 GOVINDHA
- (74) Albert Francis
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- (71) K. RAMAKRISHNAN COLLEGE OF TECHNOLOGY
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- (21) 2021103439 (22) 17.06.2021
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- (51) Int. Cl.
G06Q 50/28 (2012.01)
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G16Y 10/05 (2020.01)
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- (72) K. Vasudevan, Shriram; Rajarajan,
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-
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-
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-
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- (21) 2021103373
-
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- (71) KCG College of Technology; Hindustan
 Institute of Technology and Science
- (11) AU-A-2021103245
- (21) 2021103245 (22) 10.06.2021
- (54) A PULSED DIRECT CURRENT (PDC)
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- (51) Int. Cl.
H02M 7/162 (2006.01)
C02F 1/463 (2006.01)
H02M 7/5395 (2006.01)
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- (74) J.S. Jagadish
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 Medical Sciences(DU)
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-
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-
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-
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-
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-
- Khedkar, E. see Pradhan, D.

Innovation Patents Open to Public Inspection - Name Index cont'd

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KHILJI, I.A. see Yadav, M.
(21) 2021102879

Khunteta, A. see Wal, P.
(21) 2021103634

KR, A. see Kumar, P.
(21) 2021103400

K S, L. see Shameer, P.M.
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Kulkarni, S.S. see Sahoo, S.
(21) 2021103827

Kumar, P. see Sumathy, B.
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Kumar, S.A. see Sumathy, B.
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Kumar, A. see Kumar, P.
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(71) Kumar, P.; Singh, H.; KR, A.; Nayak, B.; Dhar, R.S.; Sinha, D.; Singh, A.; M, N.; P, D.; M P, A.; Shrivastava, V.; Sharma, A.; Aggarwal, P.K.; Kumar, A.; Tiwari, A.

(11) AU-A-2021103400

(21) 2021103400 (22) 16.06.2021

(54) MACHINE LEARNING AND ARTIFICIAL INTELLIGENCE BASED INTELLIGENT CONTROLLING AND MONITORING SYSTEM FOR AN AUTOMATIC AIR CONDITIONER

(51) Int. Cl.

F24F 11/62 (2018.01)

F24F 11/00 (2018.01)

F24F 11/54 (2018.01)

F24F 11/72 (2018.01)

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G06N 20/00 (2019.01)

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(74) John Thomas

Kumar, K. see Jain, M.
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Kumar, M. see Shameer, P.M.
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Kumar, N. see Siddiqui, M.H.
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Kumar, A. see Siddiqui, M.H.
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KUMAR, S. see S, P.
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Kumar Mal, A. see Bej, D.
(21) 2021103518

Kumar Naik, P. see Rajkumar, H.
(21) 2021103521

L, R. see Devarajan, B.
(21) 2021103472

L, I. see S, S.
(21) 2021103486

(71) Lakhey, S.; Joshi, A.

(11) AU-A-2021102156

(21) 2021102156 (22) 22.04.2021

(54) A SYSTEM UNIT FOR REDUCING ENERGY CONSUMPTION IN SPLIT TYPE AIR-CONDITIONER AND METHOD THEREOF

(51) Int. Cl.

F25B 40/02 (2006.01)

F24F 11/46 (2018.01)

F25D 21/14 (2006.01)

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(72) Lakhey, Sanjay; Joshi, Abhay

(74) Sanjay Lakhey

Landge, R. see Rajput, N.

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LIYA, B. see S, P.

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(71) Lovely Professional University

(11) AU-A-2021102906

(21) 2021102906 (22) 27.05.2021

(54) A SYSTEM FOR MONITORING GREEN ROOF

(51) Int. Cl.

A01G 25/16 (2006.01)

A01G 9/033 (2018.01)

A01G 27/00 (2006.01)

E04D 11/00 (2006.01)

G05B 19/042 (2006.01)

G05B 21/02 (2006.01)

G06Q 50/02 (2012.01)

H04Q 9/02 (2006.01)

H04L 67/12 (2022.01)

H04W 4/38 (2018.01)

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(74) IP NATION

(71) Lovely Professional University

(11) AU-A-2021103124

(21) 2021103124 (22) 04.06.2021

(54) NOVEL LIPOSOMAL FORMULATION OF SEMECARPUS ANACARDIUM AND PROCES THERE OF

(51) Int. Cl.

A61K 9/127 (2006.01)

A61K 36/22 (2006.01)

A61K 47/28 (2006.01)

A61K 47/44 (2017.01)

A61K 47/02 (2006.01)

A61K 47/06 (2006.01)

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(72) Vyas, Manish; Khatik, Gopal Lal; Dua, Kamal; Verma, Geeta; Satija, Saurabh; Mehta, Meenu; Khurana, Dr Navneet; Sahu, Sanjeev

(74) IP NATION

(71) Lovely Professional University

(11) AU-A-2021103126

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(54) NOVEL APPARATUS FOR SIMULTANEOUS EVALUATION OF COGNITION, MOTOR ACTIVITY AND ANXIETY STATE OF RODENTS

(51) Int. Cl.

A61B 5/11 (2006.01)

A61B 5/00 (2006.01)

A61B 5/16 (2006.01)

A61K 31/4015 (2006.01)

A61K 31/44 (2006.01)

A61K 31/506 (2006.01)

A61K 31/522 (2006.01)

A61K 31/5513 (2006.01)

A61K 31/5517 (2006.01)

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(72) KHURANA, Navneet; KIPESHA, Josephat Gaudence; SHARMA, Neha; VYAS, Manish; MISHRA, Vijay; KUMAR, Ashish; PANWAR, Joginder Singh

(74) IP NATION

M, N. see Kumar, P.

(21) 2021103400

M, P. see Devarajan, B.

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M, R.K. see S, P.

Innovation Patents Open to Public Inspection - Name Index cont'd

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Mahatma Gandhi Ayurved College, Hospital & Research Centre see Datta Meghainstitute of Medical Sciences(DU)
(21) 2021103081

Mahmood, T. see Siddiqui, M.H.
(21) 2021103793

Majumder, K. see Rajput, N.
(21) 2021103495

Majumder, K. see Shameer, P.M.
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Mal, A.K. see Bej, D.
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MAMMANI, B. see Rajput, N.
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Manjunath, T.C. see Sumathy, B.
(21) 2021103067

Mannan, A.H.A. see Tharewal, S.S.
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Manohar, K. see Badashah, S.J.
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Manoharan, H. see Sumathy, B.
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Mansoori, M.H. see Bharti, P.K.
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Mayya, D., S. see Shameer, P.M.
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Mehta, N. see Sumathy, B.
(21) 2021103067

Mendon, S. see P. S., N.
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Misra, A. see Jain, M.
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MOHD SAFEE, S.N.B. see Yadav, M.
(21) 2021102879

M P, A. see Kumar, P.

(21) 2021103400

Mudliar, A. see Bharti, P.K.
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Musale, M. see Bharti, P.K.
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MUTHIAH, B. see S, S.
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Naick, B.S. see Badashah, S.J.
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Nandan, K. see Yadav, M.
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Nandan Mishra, U. see Shameer, P.M.
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(71) Nanjing University of Aeronautics and Astronautics

(11) AU-A-2021107656

(21) 2021107656 (22) 05.01.2021

(54) Hybrid woven fiber preform-reinforced composite material and preparation method thereof

(51) Int. Cl.

B29B 11/16 (2006.01)

B29C 70/22 (2006.01)

C04B 35/01 (2006.01)

C04B 35/80 (2006.01)

C04B 41/45 (2006.01)

D03D 3/00 (2006.01)

D03D 25/00 (2006.01)

(31) 202010683522.1 (32) 09.07.20 (33) CN

(45) 31.03.2022

(72) CHEN, Zhaofeng; XIAO, Qiqiao; MIAO, Yunliang

(74) LEGALVISION ILP PTY. LTD.

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Nayak, B. see Kumar, P.
(21) 2021103400

Neermarga, H. see P. S., N.
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Nigam, U. see Tharewal, S.S.
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Nimonkar, S. see Belkhode, V.
(21) 2021103290

P, D. see Kumar, P.
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(11) AU-A-2021103335

(21) 2021103335 (22) 14.06.2021

(54) SYSTEM FOR PRODUCTIVITY DETERMINATION USING MACHINE LEARNING BASED FACE RECOGNITION

(51) Int. Cl.

G06V 40/16 (2022.01)

G06N 3/02 (2006.01)

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(74) John Thomas

Painoli, G. see Patil, (.R.)
(21) 2021103373

Pal, Y. see Wal, P.
(21) 2021103634

Pallathadka, H. see Rajput, N.
(21) 2021103495

Parmar, S. see Bharti, P.K.
(21) 2021103941

PATIDAR, R. see Yadav, M.
(21) 2021102879

Patil, V. see Patil, (.R.)
(21) 2021103373

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(11) AU-A-2021103373

(21) 2021103373 (22) 15.06.2021

(54) AN ICT BASED SYSTEM & FRAMEWORK FOR MONITORING SOCIAL DISTANCING

(51) Int. Cl.

G08B 21/18 (2006.01)

G01J 5/00 (2006.01)

G06N 3/02 (2006.01)

(45) 31.03.2022

(72) Patil, Rakesh; Joshi, Manish; Thakkar, Kinnarry; Rao, Datrika Venkata; Painoli, Girish; Jadhav, Amarsinh; Tambe, Kailas; Kashid, Pratibha; Patil, Viraj; Singh, Amrinder; Ugale, Archana; Shreevamshi; Kalgi, Narmada

(74) (Dr.) Rakesh Patil

Innovation Patents Open to Public Inspection - Name Index cont'd

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Patro, R. see Tharewal, S.S.
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(71) Pradhan, D.; Dhar, R.S.; Nayak, N.; Boppana, U.M.; Dhanda, S.; R. S., R.S.S.; Jadhav, S.; Bam, B.; Khedkar, E.; Rao, M.N.; Butkar, U.

(11) AU-A-2021102668

(21) 2021102668 (22) 18.05.2021

(54) Crowd Detection Intelligent Camera to Prevent Covid-19 or any Other Need

(51) Int. Cl.

G06V 20/52 (2022.01)

G06Q 50/26 (2012.01)

G06T 7/254 (2017.01)

G06N 20/00 (2019.01)

(45) 31.03.2022

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(11) AU-A-2021103642

(21) 2021103642 (22) 26.06.2021

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(51) Int. Cl.

B60S 1/08 (2006.01)

B60S 1/34 (2006.01)

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(74) Bikramjit Singh

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(21) 2021106401

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(11) AU-A-2021106401

(21) 2021106401 (22) 22.08.2021

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(51) Int. Cl.

G06K 9/00 (2006.01)

G06F 21/32 (2013.01)

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(21) 2021102668

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(11) AU-A-2021103521

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(51) Int. Cl.

G01N 33/18 (2006.01)

G06N 7/00 (2006.01)

G06F 17/00 (2019.01)

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(11) AU-A-2021103495

(21) 2021103495 (22) 21.06.2021

(54) A Novel System for Digital Marketing using Artificial Intelligence and Blockchain

(51) Int. Cl.

G06Q 30/02 (2012.01)

G06N 5/04 (2006.01)

G16Y 10/45 (2020.01)

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(74) Mukesh Soni

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(21) 2021103367

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(21) 2021102668

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(21) 2021103373

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(21) 2021103495

(71) Reddy, C.N.V.S.

(11) AU-A-2021103374

(21) 2021103374 (22) 15.06.2021

(54) A METHOD FOR DESIGNING FOUNDATIONS OF INDUSTRIAL STRUCTURES AND STRUCTURES SUBJECTED TO DYNAMIC LOADS

(51) Int. Cl.

G01N 33/24 (2006.01)

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(74) Dr C.N.V. Satyanarayana Reddy

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(21) 2021102774

(71) Rhino Rack Australia Pty Limited

(11) AU-A-2022100040

(21) 2022100040 (22) 04.03.2022

(54) Fixing device

(51) Int. Cl.

F16B 21/02 (2006.01)

F16B 39/282 (2006.01)

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(72) Alfakhrany, Tarek

(74) IP SOLVED (ANZ) PTY. LTD.

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(21) 2021103495

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(21) 2021103658

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(21) 2021103335

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G.; S, U.

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(54) METHOD OF BIOFERTILIZER PRO-
DUCTION FOR ENHANCEMENT OF
GROWTH, NITROGEN FIXATION,
NUTRIENT UPTAKE AND YIELD IN
LEGUMINOUS AND NON-LEGUMIN-
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C12N 1/20 (2006.01)

C12R 1/41 (2006.01)

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K.; S., F.; KUMAR, S.; M, R.K.

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PLICATION)

(51) Int. Cl.

G08B 13/196 (2006.01)

G08B 15/00 (2006.01)

G08B 15/02 (2006.01)

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KATA KOTI; S, PadmaPriya; Pra-
neeth, B.Venkata Sai; Srivastava,
Satyajee; LIYA, B.S.; R., Kannamma;
S., FAMITHA; KUMAR, SHANKAR; M,
RAJESH KHANNA; s, Arun

(74) viji arun

(71) S., G.; A., V.; A. H., S.; Ramesh, A.

(11) AU-A-2021103367

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(54) A BIG DATA ANALYTICS SYSTEM
FOR PERFORMING REAL-TIME ANA-
LYSIS FOR THE WELLNESS OF A
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(51) Int. Cl.

A61B 5/00 (2006.01)

A61B 5/01 (2006.01)

A61B 5/08 (2006.01)

A61B 5/145 (2006.01)

A61B 5/16 (2006.01)

A61B 5/291 (2021.01)

A61B 5/296 (2021.01)

A61B 5/369 (2021.01)

G16H 10/00 (2018.01)

A61B 5/0205 (2006.01)

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A61B 5/024 (2006.01)

A61B 5/398 (2021.01)

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Srinivasa; Ramesh, Asha

(74) IPQuad Partners

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U.D.; Shah, G.V.

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F03B 13/18 (2006.01)

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Kumar; Singh, Pari Nidhi; Butkar,
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antlal

(74) Bikramjit Singh

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J.; SUDHAKARA, P.; CHIDAM-
BARANATHAN, P.

(11) AU-A-2021103471

(21) 2021103471 (22) 18.06.2021

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IZER

(51) Int. Cl.

A01N 65/48 (2009.01)

A01N 65/00 (2009.01)

A23B 7/153 (2006.01)

A23L 3/3472 (2006.01)

A01N 25/22 (2006.01)

A01N 65/08 (2009.01)

A01N 65/20 (2009.01)

A01N 65/22 (2009.01)

A01N 65/24 (2009.01)

A01N 65/26 (2009.01)

A01N 65/28 (2009.01)

A01N 65/36 (2009.01)

A01N 65/42 (2009.01)

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JOSEPH, JERRINE; SUDHAKARA,
PREETHI; CHIDAMBARANATHAN,
PRAVDA

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M.; ROY, A.; VERMA, G.

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(21) 2021103658 (22) 27.06.2021

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TECTION DEVICE AND METHOD
FOR PANDEMIC PREVENTIVE MEAS-
URES

(51) Int. Cl.

A61B 5/00 (2006.01)

A61B 5/01 (2006.01)

A61B 5/0205 (2006.01)

A61B 5/024 (2006.01)

A61B 5/08 (2006.01)

A61B 5/087 (2006.01)

G16H 50/80 (2018.01)

G16Y 10/60 (2020.01)

A61B 5/11 (2006.01)

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MADRI; SARKAR, MANASH; ROY,
ARUP; VERMA, GOVIND

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L.; Mayya, D., S.; Rajput, N.; Rout, S.;
Nandan Mishra, U.; Shaw, R.; Ghosh,
A.; Majumder, K.; Kumar, M.; Bhat-
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(51) Int. Cl.

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Sumanta

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MeghelInstitute of Medical Sciences(DU)**

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(21) 2021103400

(71) Sharma, R.
(11) AU-A-2021103653
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(54) A METHOD OF IN SILICO SCREENING FOR A CHEMICAL COMPOUND WHICH ACTS AS A DRUG AGAINST SARS-CoV-2
(51) Int. Cl.
G16B 5/00 (2019.01)
C07H 13/08 (2006.01)
G16B 35/00 (2019.01)
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(72) Sharma, Rajani; Prajapati, Gopal Kumar; Akhoury, Gargi
(74) Dr. Rajani Sharma

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Shrivastava, V. see Kumar, P.
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Shrivastava, A. see Shameer, P.M.
(21) 2021103711

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(21) 2021103793 (22) 01.07.2021
(54) A POLYHERBAL FAST DISSOLVING TABLET AGAINST DIABETIC NEUROPATHY
(51) Int. Cl.
A61K 31/12 (2006.01)
A61K 9/00 (2006.01)
A61K 9/20 (2006.01)

A61K 31/352 (2006.01)
A61K 31/7048 (2006.01)
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A61P 25/02 (2006.01)

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Singh, H. see Kumar, P.
(21) 2021103400

Singh, A. see Kumar, P.
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(11) AU-A-2021103734
(21) 2021103734 (22) 30.06.2021
(54) A METHOD FOR SYNTHESIZING REPAGLINIDE LOADED FLOATING MICROPARTICLES
(51) Int. Cl.
A61K 31/4453 (2006.01)
A61K 9/00 (2006.01)
A61K 9/16 (2006.01)
A61K 47/02 (2006.01)
A61K 47/36 (2006.01)
A61K 47/38 (2006.01)
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(74) Ajeet Singh

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Singh, P. see Bharti, P.K.
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Singh, U. see Garg, A.
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Sinha, D. see Kumar, P.
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Soans, S.V. see P. S., N.
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Somani, P. see Bharti, P.K.
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(71) Southwest University
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(21) 2021103502 (22) 21.06.2021
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B82Y 20/00 (2011.01)
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G02B 6/125 (2006.01)
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(71) Srinivasan, A.
(11) AU-A-2021103378
(21) 2021103378 (22) 16.06.2021
(54) A SELF-ADAPTIVE N-DEPTH CONTEXT TREE WEIGHTING METHOD
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H04N 19/13 (2014.01)
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(74) Dr. A. Srinivasan

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Srivastava, A. see Jain, M.
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Srivastava, V. see Jain, M.
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SUDHAKARA, P. see SANTHOSHKUMAR, A.W.
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(21) 2021103067 **(22)** 03.06.2021
(54) CORONA RECOGNITION METHOD BASED ON VISIBLE LIGHT COLOR USING ARTIFICIAL INTELLIGENCE
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A61B 5/08 (2006.01)
A61B 5/00 (2006.01)
A61B 5/01 (2006.01)
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(74) Pravin R. Kshirsagar
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(11) AU-A-2021103477
(21) 2021103477 **(22)** 19.06.2021
(54) A METHOD AND SYSTEM FOR REMOTE MONITORING OF PATIENTS BY WIRELESS BODY AREA NETWORK (WBAN)
(51) Int. Cl.
A61B 5/00 (2006.01)
A61B 5/01 (2006.01)
A61B 5/021 (2006.01)
A61B 5/024 (2006.01)
A61B 5/0531 (2021.01)
A61B 5/0533 (2021.01)
A61B 5/1455 (2006.01)
A61B 5/296 (2021.01)
(45) 31.03.2022
(72) Tarannum, Suraiya; Farheen, Shaista
(74) Dr. Suraiya Tarannum
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(11) AU-A-2021103135
(21) 2021103135 **(22)** 05.06.2021
(54) An artificial intelligence, IOT and deep learning based system for detection of covid-19, black fungus and white fungus disease
(51) Int. Cl.
G16H 50/20 (2018.01)
A61B 5/00 (2006.01)
A61B 6/03 (2006.01)
G06N 3/02 (2006.01)
G06V 10/20 (2022.01)
G06V 10/32 (2022.01)
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G16H 50/80 (2018.01)
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(72) Tharewal, Sumegh Shrikant; Mannan, Abdul Hannan Abdul; Bukhari, Syed Nisar Hussain; Patro, Rashmi Rani; Patro, Rojalini; Tiwari, Kretika; Nigam, Utkarsh; Barot, Pratik Kumar A; Barak, Dheer Dhvaj; Degadwala, Sheshang; Singh, Yudhvir
(74) Sumegh Shrikant Tharewal
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(11) AU-A-2021103640
(21) 2021103640 **(22)** 26.06.2021
(54) Textile Mill Waste Water and Solid Waste Converted into Biodiesel and Bio Composites and other Value Added Products.
(51) Int. Cl.
C10J 3/00 (2006.01)
B07C 3/00 (2006.01)
B07C 5/06 (2006.01)
B07C 5/36 (2006.01)
C10L 3/08 (2006.01)
C10L 3/10 (2006.01)
C10L 5/46 (2006.01)
C12M 1/107 (2006.01)
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(72) Tirth, Vineet; Baddruddin Magami, Irfan Anjum; Khan Tatagar, Mohammad Yunus; Algahtani, Ali; Kamangar, Sarfaraz; C Veetil, Ahamed Saleel
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- Tiwari, G. see Singh, A.**
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(11) AU-A-2021102872
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(54) BIOSPECTRUM BASED NPK AND TRACE ELEMENTS ENRICHED COMPOST FOR PLANTS
(51) Int. Cl.
C05F 11/08 (2006.01)
A62D 3/02 (2007.01)
C05F 3/00 (2006.01)
A62D 101/04 (2007.01)
(31) 202041028939 **(32)** 08.07.20 **(33)** IN
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(72) V, Veena; A, Harikrishnan
(74) Dr. Veena V
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(21) 2021103658
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- (71)** Wal, P.; Khunteta, A.; Pal, Y.; Swarnkar, S.; Singh, P.; Sachan, A.
(11) AU-A-2021103634

Innovation Patents Open to Public Inspection - Name Index cont'd

(21) 2021103634 (22) 26.06.2021

(54) FAST DISSOLVING TABLETS FOR RESTORING IMMUNITY

(51) Int. Cl.

A61K 9/00 (2006.01)

A61K 9/20 (2006.01)

A61K 36/53 (2006.01)

A61K 36/54 (2006.01)

A61K 36/67 (2006.01)

A61K 36/9068 (2006.01)

A61K 47/10 (2017.01)

A61K 47/14 (2017.01)

A61K 47/26 (2006.01)

A61K 47/32 (2006.01)

A61K 47/38 (2006.01)

A61P 29/00 (2006.01)

A61P 37/04 (2006.01)

(45) 31.03.2022

(72) Wal, Pranay; Khunteta, Alok; Pal, Yogendra; Swarnkar, Surendra; Singh, Parul; Sachan, Anupam

(74) Pranay Wal

(71) Yadav, M.; Tiwari, N.; Sharma, R.; KHILJI, I.A.; MOHD SAFEE, S.N.B.; JAIMAN, A.; Nandan, K.; DUA, S.S.; PATIDAR, R.; REDDY, C.C.; ALQAHTANI, T.M.

(11) AU-A-2021102879

(21) 2021102879 (22) 27.05.2021

(54) HUMAN AND ANIMAL DETECTION ROBOT WITH ADVANCED MICRO-CONTROLLER

(51) Int. Cl.

A01J 5/007 (2006.01)

G06V 40/10 (2022.01)

G06Q 50/02 (2012.01)

(45) 31.03.2022

(72) Yadav, Mukesh; Tiwari, Nidhi; Sharma, Ruchi; KHILJI, IRSHAD AHAMAD; MOHD SAFEE, SITI NADIAH BINTI; JAIMAN, AKASH; Nandan, KRISHNA; DUA, SURENDRA SINGH; PATIDAR, RAGHAVENDRA; REDDY, CHILAKAMARRY CHAITANYA; ALQAHTANI, TARIQ MOHAMMED

(74) Bikramjit Singh

Yadav, V.K. see Singh, A.

(21) 2021103734

Yellapu, J. see Badashah, S.J.

(21) 2021102760

Yeshwantrao Chavan College Of Engineering see Datta MeghaInstitute of Medical Sciences(DU)

(21) 2021103081

Numerical Index

2019101825	Flateland, K.	2021103540	Jain, M.; Gupta, S.; Srivastava, A.; Kumar, K.; Bhatia, M.; Gupta, S.; Katiyar, D.; Srivastava, V.; Tiwari, R.; Misra, A.
2021102072	Gupta, A.K.; Sharma, M.	2021103634	Wal, P.; Khunteta, A.; Pal, Y.; Swarnkar, S.; Singh, P.; Sachan, A.
2021102156	Lakhey, S.; Joshi, A.	2021103640	Tirth, V.; Baddruddin Magami, I.A.; Khan Tatagar, M.Y.; Algahtani, A.; Kamangar, S.; C Veetil, A.S.
2021102668	Pradhan, D.; Dhar, R.S.; Nayak, N.; Boppana, U.M.; Dhanda, S.; R. S., R.S.S.; Jadhav, S.; Bam, B.; Khedkar, E.; Rao, M.N.; Butkar, U.	2021103642	Prithvi, C.; Jahnavi, C.; Chintakindi, S.; Jyothi, C.
2021102760	Badashah, S.J.; Babu, D.V.; Yellapu, J.; Chaurasia, M.A.; Sridevi, B.; Kharate, M.S.; Kharate, D.S.; Kharate, P.S.; Manohar, K.; Silas, S.; Naick, B.S.; Tumula, D.P. Chikte, S.D.; Shilpa, K.	2021103651	Hindustan Institute of Technology & Science (Deemed to be University)
2021102772	Bablani, A.; Reddy Edla, D.	2021103653	Sharma, R.
2021102774	Aminu, D.M.A.	2021103658	SARKAR, V.; BISWAS, H.; SARKAR, M.; ROY, A.; VERMA, G.
2021102872	V, V.; A., H.	2021103711	Shameer, P.M.; Shrivastava, A.; K S, L.; Mayya, D., S.; Rajput, N.; Rout, S.; Nandan Mishra, U.; Shaw, R.; Ghosh, A.; Majumder, K.; Kumar, M.; Bhattacharya, S. Bej, D.; Mal, A.K.
2021102879	Yadav, M.; Tiwari, N.; Sharma, R.; KHILJI, I.A.; MOHD SAFEE, S.N.B.; JAIMAN, A.; Nandan, K.; DUA, S.S.; PATIDAR, R.; REDDY, C.C.; ALQAHTANI, T.M.	2021103733	Singh, A.; Singh, R.; Tiwari, G.; Yadav, V.K.; Shukla, P.; Shukla, P.
2021102906	Lovely Professional University	2021103736	Chaturvedi, D.K.; Verma, A.
2021103067	Sumathy, B.; Raj, K.B.; Kumar, P.; Jayashree, D.; Periyasamy, P.; Kumar, S.A.; Mehta, N.; ANGADI, S.; Dule, C.S.; K. M., P.R.; Kumar, C.; Karthikeyan, M.; Kavita, K.; Manjunath, T.C.; G., P.; Manoharan, H.	2021103793	Siddiqui, M.H.; Mahmood, T.; Tiwari, R.; Kumar, N.; Chaturvedi, A.K.; Kumar, A.
2021103070	Bonde, C.; Balaramnavar, V.M.; Bonde, S.; Sharma, M.	2021103827	Sahoo, S.; Kulkarni, S.S.; Suryavanshi, N.J.; Babu, K.G.; Das, B.; Chordiya, S.B.; Singh, P.K.; Singh, P.N.; Butkar, U.D.; Shah, G.V.
2021103081	Datta Meghelstitute of Medical Sciences(DU); Sharad Pawar Dental College; Yeshwantrao Chavan College Of Engineering; Mahatma Gandhi Ayurved College, Hospital & Research Centre; Thakre, R.A.; Khandare, K.B.	2021103941	Bharti, P.K.; Goyal, A.; Haque, M.; Somani, P.; Ali, S.; Parmar, S.; Singh, P.; Devi, P.S.; Musale, M.; Mudliar, A.; Badole, A.
2021103124	Lovely Professional University	2021104100	Garg, A.; Singh, U.; Upadhyay, A.
2021103126	Lovely Professional University	2021106401	R, M.K.; V, S.S.; R, R.K.
2021103135	Tharewal, S.S.; Mannan, A.H.A.; Bukhari, S.N.H.; Patro, R.R.; Patro, R.; Tiwari, K.; Nigam, U.; Barot, P.A.; Barak, D.D.; Degadwala, S.; Singh, Y.	2021107656	Nanjing University of Aeronautics and Astronautics
2021103245	KCG College of Technology; Hindustan Institute of Technology and Science	2022100039	Fiber Sense Pty Ltd
2021103273	Bharti, P.K.; Mansoori, M.H.; Dudhe, R.; Dudhe, A.; Uplanchiwar, V.P.; Fulzele, V.B.; A. Sawarkar, H.; Hiwarkar, P.	2022100040	Rhino Rack Australia Pty Limited
2021103290	Belkhode, V.; Nimonkar, S.		
2021103335	P. S., N.; Aithal, P.S.; Mendon, S.; G., A.P.; Bekal, A.; K. G., T.; Anwar, S.; Bhavani, G.; Rudra, B.; Soans, S.V.; Neermarga, H.		
2021103367	S., G.; A., V.; A. H., S.; Ramesh, A.		
2021103373	Patil, (.R.; Joshi, M.; Thakkar, K.; Rao, D.V.; Painoli, G.; Jadhav, A.; Tambe, K.; Kashid, P.; Patil, V.; Singh, A.; Ugale, A.; Shreevamshi, ..; Kalgil, N.		
2021103374	Reddy, C.N.V.S.		
2021103378	Srinivasan, A.		
2021103400	Kumar, P.; Singh, H.; KR, A.; Nayak, B.; Dhar, R.S.; Sinha, D.; Singh, A.; M, N.; P, D.; M P, A.; Shrivastava, V.; Sharma, A.; Aggarwal, P.K.; Kumar, A.; Tiwari, A.		
2021103434	K. RAMAKRISHNAN COLLEGE OF ENGINEERING		
2021103439	K. RAMAKRISHNAN COLLEGE OF TECHNOLOGY		
2021103440	K. RAMAKRISHNAN COLLEGE OF ENGINEERING		
2021103471	SANTHOSHKUMAR, A.W.; JOSEPH, J.; SUDHAKARA, P.; CHIDAMBARANATHAN, P.		
2021103472	Devarajan, B.; M, P.; V, B.; B, A.; A K, P.; L, R.		
2021103477	Tarannum, S.; Farheen, S.		
2021103486	S, S.; K, R.Y.; MUTHIAH, B.; L, I.; ASHOK, A.; S, S.; R, P.; VASUDEVAN, G.; S, U.		
2021103487	GARIMELLA, R.C.; VEDALA, R.S.		
2021103495	Rajput, N.; Sangeetha, M.; Majumder, K.; Thirupathi, L.; Ravikanti, S.; Landge, R.; Pallathadka, H.; Rinawa, M.; Chauhan, D.; Chauhan, H.; MAMMANI, B.		
2021103502	Southwest University		
2021103518	Bej, D.; Kumar Mal, A.		
2021103521	Rajkumar, H.; Kumar Naik, P.; S. Rishi, M.		
2021103522	S, P.; S.P., J.; REDDY, A.V.K.; Praneeth, B.S.; Srivastava, S.; LIYA, B.; R., K.; S., F.; KUMAR, S.; M, R.K.		

IPC Index

<u>A01B 79 /-</u>	2021103658	<u>B07C 3 /-</u>	<u>C05F 11 /-</u>	<u>F24S 20 /-</u>	<u>G02B 6 /-</u>
2021103540	<u>A61B 6 /-</u>	2021103640	2021102872	2021104100	2021103502
<u>A01C 21 /-</u>	2021102772	<u>B07C 5 /-</u>	2021103486	<u>F24S 30 /-</u>	<u>G05B 13 /-</u>
2021103540	2021103135	2021103640	<u>C05F 3 /-</u>	2021104100	2021103651
<u>A01G 25 /-</u>	<u>A61B 7 /-</u>	<u>B09B 3 /-</u>	2021102872	<u>F24S 40 /-</u>	<u>G05B 19 /-</u>
2021102906	2021103067	2021103711	<u>C07H 13 /-</u>	2021104100	2021102906
2021103540	<u>A61F 5 /-</u>	2021103711	2021103653	2021104100	2021103472
<u>A01G 27 /-</u>	2021103290	<u>B25J 11 /-</u>	<u>C10J 3 /-</u>	<u>F24S 50 /-</u>	<u>G05B 21 /-</u>
2021102906	2021103736	2021103472	2021103640	2021104100	2021102906
<u>A01G 9 /-</u>	<u>A61K 31 /-</u>	<u>B25J 13 /-</u>	<u>C10L 3 /-</u>	<u>F24S 60 /-</u>	<u>G05D 1 /-</u>
2021102906	2021103126	2021103472	2021103640	2021104100	2021103472
<u>A01J 5 /-</u>	2021103734	<u>B25J 5 /-</u>	<u>C10L 5 /-</u>	<u>F24S 70 /-</u>	<u>G05F 1 /-</u>
2021102879	2021103793	2021103472	2021103640	2021104100	2021103487
<u>A01N 25 /-</u>	<u>A61K 36 /-</u>	<u>B25J 9 /-</u>	<u>C12M 1 /-</u>	<u>F25B 40 /-</u>	<u>G06F 17 /-</u>
2021103471	2021103070	2021103472	2021103640	2021102156	2021103521
<u>A01N 65 /-</u>	2021103081	<u>B29B 11 /-</u>	<u>C12N 1 /-</u>	<u>F25D 21 /-</u>	2021103651
2021103471	2021103124	2021107656	2021103486	2021102156	<u>G06F 21 /-</u>
<u>A23B 7 /-</u>	2021103634	<u>B29C 43 /-</u>	<u>C12R 1 /-</u>	<u>G01D 5 /-</u>	2021106401
2021103471	2021103734	2021103736	2021103486	2022100039	<u>G06F 3 /-</u>
<u>A01N 65 /-</u>	2021103793	<u>B29C 70 /-</u>	<u>D03D 25 /-</u>	<u>G01H 9 /-</u>	2021103434
2021103471	<u>A61K 47 /-</u>	2021107656	2021107656	2022100039	<u>G06K 9 /-</u>
<u>A23L 3 /-</u>	2021103081	<u>B29D 35 /-</u>	<u>D03D 3 /-</u>	<u>G01J 5 /-</u>	2021106401
2021103471	2021103124	2021103736	2021107656	2021103373	<u>G06N 20 /-</u>
<u>A43B 1 /-</u>	2021103634	<u>B60S 1 /-</u>	<u>E04D 11 /-</u>	<u>G01N 21 /-</u>	2021102668
2021103736	2021103734	2021103642	2021102906	2022100039	2021103400
<u>A43B 17 /-</u>	2021103793	<u>B62J 25 /-</u>	<u>F03B 13 /-</u>	<u>G01N 3 /-</u>	2021103651
2021103736	<u>A61K 9 /-</u>	2019101825	2021103827	2021103374	<u>G06N 3 /-</u>
<u>A43B 17 /-</u>	2021103081	<u>B62K 19 /-</u>	<u>F03G 6 /-</u>	<u>G01N 33 /-</u>	2021103135
2021103736	<u>A61P 17 /-</u>	2019101825	2021104100	2021103374	2021103335
<u>A43B 7 /-</u>	2021103081	<u>B82Y 20 /-</u>	<u>F16B 21 /-</u>	2021103521	2021103373
2021103736	<u>A61P 25 /-</u>	2021103502	<u>F16B 39 /-</u>	<u>G01R 19 /-</u>	2021103651
<u>A43B 9 /-</u>	2021103793	<u>C02F 1 /-</u>	2022100040	2021103487	<u>G06N 5 /-</u>
2021103736	<u>A61P 29 /-</u>	2021103245	<u>F24F 11 /-</u>	<u>G01R 22 /-</u>	2021103495
<u>A43B 9 /-</u>	2021103634	<u>C04B 35 /-</u>	2021102156	2021102778	<u>G06N 7 /-</u>
2021103736	<u>A61P 31 /-</u>	2021107656	2021103400	<u>G01V 1 /-</u>	2021103521
<u>A61B 17 /-</u>	2021103070	<u>C04B 41 /-</u>	<u>F24S 10 /-</u>	2021103487	2021103651
2021103081	2021103070	2021107656	2021104100	<u>G01W 1 /-</u>	2021103733
<u>A61B 5 /-</u>	<u>A61P 37 /-</u>	<u>C04B 35 /-</u>			
2021102760	2021103634	2021107656			
2021102772	<u>A62D 101 /-</u>	<u>C04B 41 /-</u>			
2021102774	2021102872	2021107656			
2021103067	<u>A62D 3 /-</u>	<u>C04B 41 /-</u>			
2021103126	2021102872	2021107656			
2021103135		<u>C04B 41 /-</u>			
2021103367		2021107656			
2021103477					
2021103518					

Innovation Patents Open to Public Inspection - IPC Index cont'd

<u>G06Q 30 /-</u>	<u>G16B 35 /-</u>	<u>H03M 1 /-</u>
2021102072 2021103495 2021103941	2021103653	2021103487
<u>G06Q 50 /-</u>	<u>G16B 5 /-</u>	<u>H04L 67 /-</u>
2021102072 2021102668 2021102778 2021102879 2021102906 2021103439 2021103540 2021103941	2021103653	2021102906
<u>G06T 7 /-</u>	<u>G16H 10 /-</u>	<u>H04N 19 /-</u>
2021102668 2021102772	2021103367	2021103378
	<u>G16H 30 /-</u>	<u>H04Q 9 /-</u>
	2021103135	2021102906
	<u>G16H 50 /-</u>	<u>H04W 4 /-</u>
	2021102772 2021103135 2021103273 2021103658	2021102906
<u>G06V 10 /-</u>	<u>G16Y 10 /-</u>	<u>No IPC Mark</u>
2021103135	2021103439 2021103495 2021103540 2021103658 2021103941	
<u>G06V 20 /-</u>		
2021102668		
<u>G06V 40 /-</u>	<u>G16Y 20 /-</u>	
2021102879 2021103335 2021103434	2021103439	
<u>G08B 1 /-</u>	<u>H01L 31 /-</u>	
2021103522	2021104100	
<u>G08B 13 /-</u>	<u>H01L 41 /-</u>	
2021103440 2021103522 2022100039	2021103487	
<u>G08B 15 /-</u>	<u>H02J 3 /-</u>	
2021103440 2021103522	2021102778	
<u>G08B 21 /-</u>	<u>H02J 4 /-</u>	
2021103273 2021103373 2021103440 2021103733	2021102778	
<u>G08B 25 /-</u>	<u>H02J 7 /-</u>	
2021103522	2021103487	
<u>G08B 26 /-</u>	<u>H02M 7 /-</u>	
2021103733	2021103245 2021103487	
<u>G08B 3 /-</u>	<u>H02N 2 /-</u>	
2021103518	2021103487	
<u>G09B 5 /-</u>	<u>H02S 10 /-</u>	
2021103434	2021104100	
	<u>H02S 40 /-</u>	
	2021104100	
	<u>H03F 3 /-</u>	
	2021103487	

PCT applications which have entered the National Phase

Name Index

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

<p>(71) 4DMedical Limited (11) AU-A-2020337181 (21) 2020337181 (22) 27.08.2020 (54) Methods, systems, and apparatus for assessing an effect of a medical treatment on organ function (51) Int. Cl. A61B 5/103 (2006.01) A61B 6/00 (2006.01) A61N 5/00 (2006.01) G06T 7/38 (2017.01) (87) WO2021/035304 (31) 62/892,485 (32) 27.08.19 (33) US (43) 04.03.2021 (72) FOURAS, Andreas (74) BOSH IP Pty Ltd</p>	<p>(54) System and method of multi-drug delivery (51) Int. Cl. A61K 9/48 (2006.01) A61J 3/07 (2006.01) A61K 9/20 (2006.01) (87) WO2021/041608 (31) 62/893,573 (32) 29.08.19 (33) US 62/893,567 29.08.19 US 62/981,180 25.02.20 US 63/022,823 11.05.20 US (43) 04.03.2021 (72) QIU, Yihong; ZHOU, Deliang; SHEBLEY, Mohamad; NG, Juki Wing-Keung; MOHAMED, Ahmed; HAN, Jian-Hwa; METZGER, David; RUGGLES, Alexander; ZU, Hui; SHAO, Xi; GONG, Yuchuan; CHEN, Yisheng; GONG, Jian, Li, Min (74) Spruson & Ferguson</p>	<p>(51) Int. Cl. A61K 9/00 (2006.01) A61K 9/127 (2006.01) (87) WO2021/030701 (31) 62/886,894 (32) 14.08.19 (33) US (43) 18.02.2021 (72) TAM, Ying K.; LIN, Paulo Jia Ching; SEMPLE, Sean; BARBOSA, Christopher J. (74) Davies Collison Cave Pty Ltd</p>
<p>(71) 4TEEN4 Pharmaceuticals GmbH (11) AU-A-2020338818 (21) 2020338818 (22) 28.08.2020 (54) Therapy guidance and/or therapy monitoring for treatment of shock (51) Int. Cl. A61P 9/00 (2006.01) A61K 38/08 (2019.01) A61K 38/22 (2006.01) A61K 39/395 (2006.01) A61K 45/06 (2006.01) G01N 33/48 (2006.01) (87) WO2021/038078 (31) 19194729.0 (32) 30.08.19 (33) EP 19201098.1 02.10.19 EP (43) 04.03.2021 (72) BERGMANN, Andreas (74) Davies Collison Cave Pty Ltd</p>	<p>(71) AC Immune SA (11) AU-A-2020347483 (21) 2020347483 (22) 10.09.2020 (54) Novel molecules for diagnosis (51) Int. Cl. A61P 25/00 (2006.01) A61P 25/28 (2006.01) C07K 14/47 (2006.01) C07K 16/18 (2006.01) A61K 39/00 (2006.01) (87) WO2021/048324 (31) 19196512.8 (32) 10.09.19 (33) EP 20184340.6 06.07.20 EP (43) 18.03.2021 (72) ADOLFSSON, Oskar; PIORKOWSKA, Katarzyna Ewa (74) FB Rice Pty Ltd</p>	<p>(71) Adimab, LLC (11) AU-A-2020357944 (21) 2020357944 (22) 30.09.2020 (54) CH1 domain variants engineered for preferential light chain pairing and multispecific antibodies comprising the same (51) Int. Cl. C07K 16/28 (2006.01) A61P 43/00 (2006.01) C07K 16/00 (2006.01) C07K 16/32 (2006.01) (87) WO2021/067404 (31) 62/908,367 (32) 30.09.19 (33) US (43) 08.04.2021 (72) SIVASUBRAMANIAN, Arvind; SCHUTZ, Kevin; HELBLE, Michaela; KRAULAND, Eric; WIDBOOM, Paul (74) FB Rice Pty Ltd</p>
<p>(71) 6K Inc. (11) AU-A-2020400980 (21) 2020400980 (22) 16.11.2020 (54) Unique feedstocks for spherical powders and methods of manufacturing (51) Int. Cl. C04B 35/48 (2006.01) B05B 7/22 (2006.01) B22F 1/00 (2006.01) C04B 35/58 (2006.01) C04B 35/626 (2006.01) (87) WO2021/118762 (31) 62/937,054 (32) 18.11.19 (33) US (43) 17.06.2021 (72) BADWE, Sunil Bhalchandra; TURCHETTI, Scott Joseph; REDJDAL, Makhloof (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd</p>	<p>(71) Aclara Technologies LLC (11) AU-A-2020340970 (21) 2020340970 (22) 03.09.2020 (54) System and method for sensing one or more power lines (51) Int. Cl. G01R 15/14 (2006.01) G01R 15/18 (2006.01) G01R 19/25 (2006.01) G01R 31/08 (2020.01) H04B 3/54 (2006.01) (87) WO2021/046192 (31) 62/896,201 (32) 05.09.19 (33) US (43) 11.03.2021 (72) HAMILTON, Douglas (74) Griffith Hack</p>	<p>(71) Advanced Solutions Life Sciences, LLC (11) AU-A-2020353090 (21) 2020353090 (22) 25.09.2020 (54) Supplementary rotary axis for 3D printer (51) Int. Cl. B29C 64/20 (2017.01) B29C 64/10 (2017.01) B29C 64/245 (2017.01) B29C 64/379 (2017.01) B29C 64/40 (2017.01) B29C 67/00 (2017.01) (87) WO2021/062073 (31) 62/906,276 (32) 26.09.19 (33) US (43) 01.04.2021 (72) CAMBRON, Scott Douglas; ELI, Kyle; HANKE, Brandon (74) James & Wells Intellectual Property</p>
<p>(71) AbbVie Inc. (11) AU-A-2020336093 (21) 2020336093 (22) 27.08.2020</p>	<p>(71) Acuitas Therapeutics, Inc. (11) AU-A-2020328596 (21) 2020328596 (22) 14.08.2020 (54) Improved lipid nanoparticles for delivery of nucleic acids</p>	<p>(71) Agrium Inc (11) AU-A-2020351758 (21) 2020351758 (22) 25.09.2020 (54) Moisture tolerant fertilizer granules, compositions and methods of making (51) Int. Cl. A01N 59/00 (2006.01) A01N 59/02 (2006.01) A01N 59/26 (2006.01) (87) WO2021/062136 (31) 62/905,805 (32) 25.09.19 (33) US</p>

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

- (43) 01.04.2021
 (72) XING, Baozhong; HARRISON, John
 (74) K&L Gates
-
- (71) Airway Medical Innovations Pty Ltd
 (11) AU-A-2019295406
 (21) 2019295406 (22) 25.06.2019
 (54) Intubation device improvements
 (51) Int. Cl.
A61B 1/267 (2006.01)
 (87) WO2020/000032
 (43) 02.01.2020
 (72) ALONSO BABARRO, Julio Miguel
 (74) Davies Collison Cave Pty Ltd
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- (71) Akzo Nobel Coatings International B.V.
 (11) AU-A-2020338247
 (21) 2020338247 (22) 26.08.2020
 (54) In-mold composite surfacing film
 (51) Int. Cl.
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B32B 27/40 (2006.01)
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C08L 63/00 (2006.01)
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 C08G 18/10 (2006.01)
 C08L 61/28 (2006.01)
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 G06T 5/00 (2006.01)
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B21D 51/44 (2006.01)
B26D 5/00 (2006.01)
B26D 5/08 (2006.01)
B26D 7/18 (2006.01)
B65H 20/02 (2006.01)
B65H 23/195 (2006.01)
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 installation and associated communica-
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G06K 7/10 (2006.01)
G07F 9/02 (2006.01)
G07F 17/00 (2006.01)
G07G 1/00 (2006.01)
G16H 20/13 (2018.01)
H01Q 7/00 (2006.01)
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A61P 3/00 (2006.01)
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A61B 1/00 (2006.01)
A61B 1/273 (2006.01)
A61B 5/00 (2006.01)
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C07K 19/00 (2006.01)
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G01V 1/38 (2006.01)
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E04C 2/20 (2006.01)
B32B 27/40 (2006.01)
E04B 1/74 (2006.01)
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H02K 35/00 (2006.01)
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G09G 3/36 (2006.01)
G02F 1/1362 (2006.01)
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A61K 9/00 (2006.01)
A61K 9/14 (2006.01)
A61K 9/16 (2006.01)
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A61K 47/02 (2006.01)
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A61K 9/00 (2006.01)
A61K 9/14 (2006.01)
A61K 9/16 (2006.01)
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(54) Antibodies binding to VISTA at acidic pH
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C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61P 31/12 (2006.01)
A61P 35/00 (2006.01)
A61P 37/06 (2006.01)

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A61K 39/395 (2006.01)
A61P 31/12 (2006.01)
A61P 35/00 (2006.01)
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A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
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B60L 53/22 (2019.01)
B60K 1/04 (2019.01)
B60L 15/02 (2006.01)
B60R 16/023 (2006.01)
G05B 19/418 (2006.01)
H02J 7/02 (2016.01)
H02M 3/135 (2006.01)
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G06N 20/00 (2019.01)
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C07D 487/04 (2006.01)

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 G06Q 20/32 (2012.01)
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 G16H 20/17 (2018.01)
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 A61K 9/00 (2006.01)
 A61K 9/08 (2006.01)
 A61K 38/26 (2006.01)
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 A61K 47/10 (2017.01)
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 F16C 11/04 (2006.01)
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 C07K 16/24 (2006.01)
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 C12N 5/0783 (2010.01)
 A61K 35/17 (2015.01)
 A61P 37/00 (2006.01)
 A61P 37/06 (2006.01)
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 C12N 5/078 (2010.01)
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 A61P 7/02 (2006.01)
 A01N 1/02 (2006.01)
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 A01N 43/54 (2006.01)
 A01N 25/04 (2006.01)
 A01N 37/02 (2006.01)
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 C09K 15/06 (2006.01)
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 H01L 31/0468 (2014.01)
 B60J 1/20 (2006.01)
 E06B 1/36 (2006.01)
 E06B 3/663 (2006.01)
 E06B 7/28 (2006.01)
 H01L 31/049 (2014.01)
 H02S 20/00 (2014.01)
 H02S 20/26 (2014.01)
 H02S 20/30 (2014.01)
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 (74) Integrated IP
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 (51) Int. Cl.
 H01L 31/05 (2014.01)
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 H01L 31/0475 (2014.01)
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 A23L 2/38 (2021.01)
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 C07K 14/705 (2006.01)
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 (51) Int. Cl.
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(51) Int. Cl.
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C11B 9/02 (2006.01)
B01D 11/02 (2006.01)
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C12Q 1/04 (2006.01)
G01N 30/72 (2006.01)
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E04F 13/08 (2006.01)
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C09D 5/20 (2006.01)
B65D 83/16 (2006.01)
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C09D 7/45 (2018.01)
C09D 7/80 (2018.01)
C09D 127/06 (2006.01)
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A61L 15/00 (2006.01)
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C08K 3/16 (2006.01)
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A61P 25/16 (2006.01)
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B41M 5/00 (2006.01)
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E04B 2/56 (2006.01)
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A61C 13/00 (2006.01)
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B65F 1/14 (2006.01)
B65F 1/06 (2006.01)
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G06Q 10/06 (2012.01)
G08B 5/36 (2006.01)
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H04W 4/80 (2018.01)
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G06Q 10/00 (2012.01)
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G06Q 50/10 (2012.01)
A47J 36/00 (2006.01)
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F21K 9/00 (2016.01)
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G06N 3/02 (2006.01)
G06T 7/30 (2017.01)
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G06T 7/30 (2017.01)
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(51) Int. Cl.
A61K 9/10 (2006.01)
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A61K 47/14 (2017.01)
A61P 35/00 (2006.01)
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C12N 5/07 (2010.01)
C12N 5/10 (2006.01)
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C25B 15/00 (2006.01)
C25B 3/25 (2021.01)
C25B 9/00 (2021.01)
C25B 15/02 (2021.01)
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C07K 16/30 (2006.01)
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B63B 21/27 (2006.01)
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A61B 3/10 (2006.01)
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A61B 3/00 (2006.01)
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F16K 31/04 (2006.01)
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H01L 33/50 (2010.01)
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A61J 1/20 (2006.01)
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B29C 48/00 (2019.01)
B29C 48/07 (2019.01)
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B29C 48/69 (2019.01)
B29B 7/48 (2006.01)
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D21H 11/14 (2006.01)
C04B 24/38 (2006.01)
C04B 26/28 (2006.01)
D21H 11/18 (2006.01)
D21H 17/00 (2006.01)
D21H 17/67 (2006.01)
D21H 17/68 (2006.01)
D21H 21/16 (2006.01)
D21H 27/18 (2006.01)
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C12N 15/113 (2010.01)
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G01N 33/574 (2006.01)
A61P 35/02 (2006.01)
A61P 39/00 (2006.01)
C07K 16/28 (2006.01)
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G06Q 10/08 (2012.01)
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B67D 1/00 (2006.01)
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B29C 65/02 (2006.01)
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H01B 7/18 (2006.01)
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A61M 1/36 (2006.01)
A61B 5/00 (2006.01)
A61B 5/024 (2006.01)
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B01F 35/00 (2022.01)
B28C 5/42 (2006.01)
B28C 7/02 (2006.01)
B28C 7/04 (2006.01)
G05B 19/18 (2006.01)
G07C 5/02 (2006.01)
G08G 1/00 (2006.01)
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C07K 16/40 (2006.01)
A61K 39/395 (2006.01)
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C07K 14/195 (2006.01)
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A61P 37/04 (2006.01)
C07K 14/255 (2006.01)
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C12Q 1/689 (2018.01)
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C07H 1/00 (2006.01)
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G06N 10/00 (2019.01)
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A47G 21/00 (2006.01)
A47G 21/18 (2006.01)
A61B 13/00 (2006.01)
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 B29C 35/08 (2006.01)
 B29C 37/00 (2006.01)
 B33Y 80/00 (2015.01)
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 A61P 3/06 (2006.01)
 G01N 33/573 (2006.01)
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 B01J 23/83 (2006.01)
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 B01J 35/00 (2006.01)
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 B01J 37/04 (2006.01)
 B01J 37/34 (2006.01)
 C07C 1/04 (2006.01)
 C07C 1/12 (2006.01)
 C10G 2/00 (2006.01)
 B01J 8/00 (2006.01)

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 B01J 23/83 (2006.01)
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A01N 25/08 (2006.01)
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A01P 1/00 (2006.01)
A61K 35/14 (2015.01)
B01D 15/04 (2006.01)
B01D 37/02 (2006.01)
B01D 39/00 (2006.01)
B01D 53/02 (2006.01)
B01J 20/22 (2006.01)
C08F 12/30 (2006.01)
C08F 38/00 (2006.01)
C08G 63/688 (2006.01)
C08G 69/42 (2006.01)
C09K 3/00 (2006.01)
C22B 3/44 (2006.01)
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C07K 14/715 (2006.01)
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C12P 7/54 (2006.01)
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G01S 7/40 (2006.01)
G01S 13/72 (2006.01)
G01S 13/88 (2006.01)
H01Q 3/26 (2006.01)
H01Q 19/17 (2006.01)
G01S 13/02 (2006.01)

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H01Q 3/26 (2006.01)
H01Q 19/17 (2006.01)
G01S 13/02 (2006.01)

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F25D 29/00 (2006.01)
F25D 17/04 (2006.01)
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C12N 1/04 (2006.01)
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C12N 1/20 (2006.01)
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A61K 31/445 (2006.01)
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B01L 3/00 (2006.01)
G01N 1/31 (2006.01)
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C02F 1/44 (2006.01)
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C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C07K 16/46 (2006.01)
C12N 5/10 (2006.01)
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C12P 21/08 (2006.01)
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A61K 39/395 (2006.01)
A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
C07K 16/46 (2006.01)
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C12P 21/08 (2006.01)
G01N 33/53 (2006.01)
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H01M 10/42 (2006.01)
H02J 7/00 (2006.01)
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F24F 3/147 (2006.01)
B01D 53/26 (2006.01)
F24F 11/83 (2018.01)
F24F 12/00 (2006.01)
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G10L 21/055 (2013.01)
G11B 27/32 (2006.01)
H04H 40/00 (2008.01)
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A61N 5/10 (2006.01)
A61P 1/16 (2006.01)
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 (51) Int. Cl.
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A61K 31/4196 (2006.01)
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 (51) Int. Cl.
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A61K 38/00 (2006.01)
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C07H 21/04 (2006.01)
C07K 14/47 (2006.01)
C12N 15/09 (2006.01)
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A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
A61P 37/02 (2006.01)
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C07K 14/54 (2006.01)
A61K 35/17 (2015.01)
A61K 38/00 (2006.01)
A61K 48/00 (2006.01)
A61P 35/00 (2006.01)
C07K 14/725 (2006.01)
C12N 9/88 (2006.01)
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C12N 15/113 (2010.01)
A61K 48/00 (2006.01)
C12N 15/09 (2006.01)
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A61P 13/12 (2006.01)
C07K 16/24 (2006.01)
C07K 16/28 (2006.01)
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 (51) Int. Cl.
C07D 487/04 (2006.01)
A61K 31/4162 (2006.01)
A61K 31/437 (2006.01)
A61K 31/4375 (2006.01)
A61K 31/551 (2006.01)
A61P 3/00 (2006.01)
A61P 5/00 (2006.01)
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C07D 471/14 (2006.01)
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 (51) Int. Cl.
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C08J 3/075 (2006.01)
A61K 9/20 (2006.01)
C08J 3/24 (2006.01)
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C01B 3/16 (2006.01)
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 (54) Conveying screw for a cutting and separating device
 (51) Int. Cl.
A22C 17/00 (2006.01)
A22C 21/00 (2006.01)
B02C 18/30 (2006.01)
 (87) WO2021/048738
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B02C 18/30 (2006.01)
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A61K 45/06 (2006.01)
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A61P 35/00 (2006.01)
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H04L 9/40 (2022.01)
G06Q 20/02 (2012.01)
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A24F 40/20 (2020.01)
A24D 1/20 (2020.01)
A24F 40/465 (2020.01)
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B01L 3/00 (2006.01)
B01L 9/00 (2006.01)
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C09D 163/00 (2006.01)
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B23Q 16/00 (2006.01)
B26D 7/06 (2006.01)
B27B 27/00 (2006.01)
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C07K 14/725 (2006.01)
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C07D 401/04 (2006.01)
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A47C 7/02 (2006.01)
A47C 7/42 (2006.01)

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 King's College London
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C07K 14/545 (2006.01)
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(74) Cotters Patent & Trade Mark Attorneys
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A23J 3/22 (2006.01)
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A23K 10/20 (2016.01)
A23K 20/147 (2016.01)
A23K 50/48 (2016.01)
A23K 50/80 (2016.01)
A23L 7/109 (2016.01)
A23L 33/18 (2016.01)
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 Haier Smart Home Co., Ltd.
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F25D 23/00 (2006.01)
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F25D 17/06 (2006.01)
F25D 11/02 (2006.01)
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F25D 21/14 (2006.01)
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F25D 11/02 (2006.01)
F25D 21/14 (2006.01)
F25D 23/00 (2006.01)
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H04W 16/24 (2009.01)
H01Q 21/28 (2006.01)
H04W 24/02 (2009.01)
H04W 28/02 (2009.01)
H04W 72/12 (2009.01)
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A47J 31/52 (2006.01)
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(51) Int. Cl.
A61K 31/403 (2006.01)
A61K 31/14 (2006.01)
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(54) Novel antigen binding molecule formats
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C07K 16/24 (2006.01)
C07K 16/28 (2006.01)
C07K 16/46 (2006.01)
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A61K 31/12 (2006.01)
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 (54) Transcription modulation in animals using CRISPR/Cas systems delivered by lipid nanoparticles
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A61K 48/00 (2006.01)
C12N 9/22 (2006.01)
C12N 15/113 (2010.01)
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G01N 33/68 (2006.01)
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G01N 30/40 (2006.01)
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A61B 17/16 (2006.01)
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A61P 15/10 (2006.01)
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B01D 29/11 (2006.01)
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F16B 25/00 (2006.01)
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 (51) Int. Cl.
B67D 7/60 (2010.01)
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 (51) Int. Cl.
F41A 9/60 (2006.01)
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F41A 23/24 (2006.01)
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 (74) Phillips Ormonde Fitzpatrick
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 (54) Systems and methods for monitoring and correcting computer system security practices
 (51) Int. Cl.
H04L 9/40 (2022.01)
G06F 11/00 (2006.01)
 (87) WO2021/055112
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 (74) IP Guardian
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- (71) Roadtec, Inc.
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 (54) Material transfer vehicle with ground operator station
 (51) Int. Cl.
E01C 19/00 (2006.01)
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(74) Griffith Hack
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(11) AU-A-2020371560
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(54) Ground engaging tool attachment arrangement
(51) Int. Cl.
E02F 9/28 (2006.01)
A01B 35/22 (2006.01)
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(74) Griffith Hack
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- (71)** Roquette Freres
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(54) Pregelatinized pea starch for batter and coating
(51) Int. Cl.
A21D 2/18 (2006.01)
A21D 2/36 (2006.01)
A21D 10/04 (2006.01)
A23L 13/00 (2016.01)
A23L 13/50 (2016.01)
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A23P 20/15 (2016.01)
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(31) 62/897,140 (**(32)** 06.09.19 **(33)** US
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(51) Int. Cl.
C12Q 1/6853 (2018.01)
C12P 19/34 (2006.01)
C12Q 1/68 (2018.01)
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C12Q 1/686 (2018.01)
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A61K 9/00 (2006.01)
A61K 9/08 (2006.01)
A61K 47/10 (2017.01)
A61K 47/12 (2006.01)
A61K 47/26 (2006.01)
C07K 16/22 (2006.01)
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E21D 9/00 (2006.01)
G01C 7/06 (2006.01)
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B65D 77/04 (2006.01)
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G06V 10/10 (2022.01)
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A61P 7/02 (2006.01)
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E04H 1/00 (2006.01)
B28B 3/20 (2006.01)
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solvate thereof and method for produ-
cing same
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C07D 401/12 (2006.01)
A61K 31/53 (2006.01)
A61P 9/12 (2006.01)
A61P 11/00 (2006.01)
A61P 13/02 (2006.01)
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C07C 227/08 (2006.01)
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A61F 2/46 (2006.01)
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Ltd.; Liaoning Haisco Pharmaceutical
Co., Ltd.; Haisco Pharmaceutical Group
Inc.
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ation method therefor
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A61P 25/04 (2006.01)
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(54) Chocolate products, ingredients, pro-
cesses and uses
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A23G 1/48 (2006.01)
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cesses and uses
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and their use for the treatment of
gastrointestinal disorders
(51) Int. Cl.
A61K 35/745 (2015.01)
A61P 1/00 (2006.01)
A61P 29/00 (2006.01)
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strains and berry extracts and their use
as anti-inflammatories
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A61K 35/745 (2015.01)
A61K 35/747 (2015.01)
A61K 36/185 (2006.01)
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strains and their use as anti-inflamat-
ories
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A61K 35/747 (2015.01)
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and their use for the treatment of
gastrointestinal disorders
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C12N 1/20 (2006.01)
A61K 35/74 (2015.01)
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A61P 1/00 (2006.01)
C12R 1/01 (2006.01)
C12R 1/225 (2006.01)
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device

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G06F 3/16 (2006.01)
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A61L 27/60 (2006.01)
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 A61P 35/00 (2006.01)
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 C40B 10/00 (2006.01)
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C12N 5/0735 (2010.01)
C12N 5/077 (2010.01)
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(72) DUTHOIT, Etienne
(74) Cotters Patent & Trade Mark Attorneys
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(21) 2020357915 **(22)** 01.10.2020
(54) Fluid for stabilising solids
(51) Int. Cl.
C09K 3/22 (2006.01)
B01J 2/00 (2006.01)
C03C 3/078 (2006.01)
C09K 8/80 (2006.01)
C09K 17/12 (2006.01)
(87) WO2021/064399
(31) 1914405.4 **(32)** 04.10.19 **(33)** GB
(43) 08.04.2021
(72) HOLCROFT, Christopher; MARSHALL, Martyn; GLENDENNING, Malcolm; NOBLE, Brian
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- (71)** Vivo Mobile Communication Co., Ltd.
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(21) 2020329461 **(22)** 05.08.2020
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(51) Int. Cl.
H04W 4/40 (2018.01)
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(74) Adams Pluck
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- (71)** VMware, Inc.
(11) AU-A-2020336161
(21) 2020336161 **(22)** 25.07.2020
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(51) Int. Cl.
H04L 9/40 (2022.01)
H04L 12/46 (2006.01)
H04L 45/12 (2022.01)
H04L 45/64 (2022.01)
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(43) 04.03.2021
(72) CIDON, Israel; VENUGOPAL, Prashanth; BERGMAN, Aran; DAR, Chen; MARKUZE, Alex; ZOHAR, Eyal
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- (71)** Vortice S.p.A.
(11) AU-A-2020393437
(21) 2020393437 **(22)** 19.11.2020
(54) Ventilation system
(51) Int. Cl.
F04D 17/06 (2006.01)
B29C 44/12 (2006.01)
F04D 25/08 (2006.01)
F04D 29/66 (2006.01)
(87) WO2021/106022
(31) 102019000022305 **(32)** 27.11.19 **(33)** IT
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(74) Spruson & Ferguson
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(51) Int. Cl.
A61M 16/08 (2006.01)
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(51) Int. Cl.
G07F 17/32 (2006.01)
G06Q 50/34 (2012.01)
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(51) Int. Cl.
G01N 33/68 (2006.01)
C07K 14/47 (2006.01)
G01N 33/50 (2006.01)
G01N 33/53 (2006.01)
G01N 33/539 (2006.01)
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(72) BATEMAN, Randall; BARTHELEMY, Nicolas
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71)** Weir Minerals Australia Ltd
(11) AU-A-2020348498
(21) 2020348498 **(22)** 18.09.2020
(54) A sensing device, system and method for a pump
(51) Int. Cl.
F04D 7/02 (2006.01)
F04C 14/28 (2006.01)
F04D 7/04 (2006.01)
F04D 15/02 (2006.01)
F04D 17/08 (2006.01)
F04D 29/40 (2006.01)
F04D 29/66 (2006.01)
G01B 7/06 (2006.01)
G01N 27/82 (2006.01)
G01N 29/24 (2006.01)
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(43) 25.03.2021
(72) ARULKUMAR, Jonathan Alvin; DUONG, Chi Huy; GLAVES, Garry Bruce
(74) Davies Collison Cave Pty Ltd
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- (71)** Wing Aviation LLC
(11) AU-A-2020364319
(21) 2020364319 **(22)** 30.09.2020
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(51) Int. Cl.
G05D 1/00 (2006.01)
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PCT applications which have entered the National Phase - Name Index cont'd

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 (21) 2020345975 (22) 14.09.2020
 (54) Child restraint with rotating seat
 (51) Int. Cl.
B60N 2/28 (2006.01)
 (87) WO2021/051057
 (31) 62/899,410 (32) 12.09.19 (33) US
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 (74) Pipers Intellectual Property

(71) Wonderland Switzerland AG
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 (21) 2020346362 (22) 10.09.2020
 (54) Wheeled carrying apparatus
 (51) Int. Cl.
B62B 7/06 (2006.01)
B62B 7/08 (2006.01)
B62B 9/20 (2006.01)
 (87) WO2021/048302
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 (21) 2020355607 (22) 24.09.2020
 (54) Child stroller apparatus
 (51) Int. Cl.
B62B 9/24 (2006.01)
 (87) WO2021/058676
 (31) 201910922678.8 (32) 26.09.19 (33) CN
 (43) 01.04.2021
 (72) WU, Haitao
 (74) FB Rice Pty Ltd

(71) Woodward, Inc.
 (11) AU-A-2020348693
 (21) 2020348693 (22) 16.09.2020
 (54) Flame triggered and controlled volumetric ignition
 (51) Int. Cl.
F02B 19/12 (2006.01)
F02B 19/18 (2006.01)
F02B 23/08 (2006.01)
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 (31) 16/572,474 (32) 16.09.19 (33) US
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 (51) Int. Cl.
B09B 3/00 (2006.01)
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 (74) Griffith Hack

(71) Xris Corporation
 (11) AU-A-2020347030
 (21) 2020347030 (22) 10.09.2020
 (54) Image signal encoding/decoding method and device therefor
 (51) Int. Cl.
H04N 19/119 (2014.01)
H04N 19/105 (2014.01)
H04N 19/109 (2014.01)
H04N 19/122 (2014.01)
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 (72) LEE, Bae Keun; JUN, Dong San
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 (51) Int. Cl.
A61C 15/04 (2006.01)
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 (31) 16/545,739 (32) 20.08.19 (33) US
 (43) 25.02.2021
 (72) XU, Meng
 (74) Phillips Ormonde Fitzpatrick

(71) Xylem Europe GmbH
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 (21) 2020333912 (22) 20.08.2020
 (54) Drainage pump assembly
 (51) Int. Cl.
F04D 7/04 (2006.01)
F04D 29/02 (2006.01)
F04D 29/70 (2006.01)
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 (31) 19192878.7 (32) 21.08.19 (33) EP
 (43) 25.02.2021
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(71) Zebra Technologies Corporation
 (11) AU-A-2020364223
 (21) 2020364223 (22) 15.09.2020
 (54) System and methods for situational adaptive image capture improvements for barcode reading

(51) Int. Cl.
G06K 7/10 (2006.01)
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 (21) 2020348701 (22) 19.08.2020
 (54) Multi-path sliding small plug
 (51) Int. Cl.
H01R 13/04 (2006.01)
H01R 13/629 (2006.01)
 (87) WO2021/052093
 (31) 201910873800.7 (32) 17.09.19 (33) CN
 (43) 25.03.2021
 (72) ZENG, Guangli; WANG, Chengbing; WANG, Feng
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 (54) Power cable
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H01B 9/02 (2006.01)
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 (43) 25.02.2021
 (72) CAI, Hongxiang; XIE, Shuhong; ZHANG, Jianmin; FU, Changqi; HOU, Hongjian; QIAN, Hao; CONG, Siwei; XIA, Yunhai; ZHOU, Yujun
 (74) Michael Buck IP

(71) ZTE Corporation
 (11) AU-A-2020329417
 (21) 2020329417 (22) 10.08.2020
 (54) Method and device for transmitting wakeup signal, and storage medium
 (51) Int. Cl.
H04W 52/02 (2009.01)
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 (31) 201910735909.4 (32) 09.08.19 (33) CN
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 (74) Davies Collison Cave Pty Ltd

(71) ZTE Corporation
 (11) AU-A-2020397983
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 (54) System and method for uplink compensation gap
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H04W 56/00 (2009.01)
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(72) DAI, Jianqiang; ZHANG, Nan; DOU, Jianwu
(74) Spruson & Ferguson
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- (71) Zynerba Pharmaceuticals, Inc.
(11) AU-A-2020348310
(21) 2020348310 (22) 16.09.2020
(54) Treatment of behavioral impairment in developmental and epileptic encephalopathy
(51) Int. Cl.
A61K 31/05 (2006.01)
A61K 36/185 (2006.01)
A61K 47/10 (2017.01)
(87) WO2021/055499
(31) 62/901,651 (32) 17.09.19 (33) US
(43) 25.03.2021
(72) SEBREE, Terri; MESSENHEIMER, John; GUTTERMAN, Donna
(74) Davies Collison Cave Pty Ltd
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- (71) Zynerba Pharmaceuticals, Inc.
(11) AU-A-2020350605
(21) 2020350605 (22) 16.09.2020
(54) Treatment of SYNGAP1 encephalopathy
(51) Int. Cl.
A61K 31/131 (2006.01)
A61K 31/381 (2006.01)
A61K 31/4453 (2006.01)
(87) WO2021/055493
(31) 62/901,651 (32) 17.09.19 (33) US
(43) 25.03.2021
(72) SEBREE, Terri; MESSENHEIMER, John; GUTTERMAN, DONNA
(74) Davies Collison Cave Pty Ltd

Numerical Index

2019295406	Airway Medical Innovations Pty Ltd	2020330553	Precision Automation, Inc.
2019448729	Mesoestetic Pharma Group, SL	2020330972	Dusty Robotics, Inc.
2019449441	Chang, I.K.	2020331282	Amgen Inc.
2019460320	Nokia Technologies Oy	2020331406	Bosich, M.
2019461859	Hanshow Technology Co., Ltd.	2020331424	ModMab Therapeutics Inc.
2019464140	Marantec Antriebs- und Steuerungstechnik GmbH & Co. KG	2020331683	Glucomat GmbH
2019464161	Breitkreuz, H.	2020331910	Landis+Gyr Innovations, Inc.
2019464484	I4F Licensing NV	2020331936	Howmedica Osteonics Corp.
2019464659	Beijing Tusen Zhitu Technology Co., Ltd.	2020331987	Research Institute at Nationwide Children's Hospital
2019464673	Daikin Industries, Ltd.; Daikin Europe N.V.	2020331999	Xaris Holdings, LLC; Trom, S.
2019466071	KA Group AG	2020332067	Freezio AG
2019466291	Seeing Systems Pty Ltd	2020332462	Blueray Therapeutics (Shanghai) Co., Ltd
2019466410	Pretorius, H.	2020332797	Dynaforge Trading, LLC
2019466785	CC Biotechnology Corporation	2020332808	Boortz, C.
2019467754	Micro Motion, Inc.	2020332812	Craig, S.
2019471347	Halliburton Energy Services, Inc.	2020332815	Alphyn Biologics, LLC
2019472550	Halliburton Energy Services, Inc.	2020332882	Innoture IP Limited
2019472833	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	2020333230	Innoture IP Limited
2019477159	Halliburton Energy Services, Inc.	2020333413	Syrah Resources Limited
2019479292	Halliburton Energy Services, Inc.	2020333516	Toddy Tech, LLC
2020281020	Meishan CRRC Brake Science & Technology Co., Ltd.	2020333666	Cellphire, Inc.
2020297605	Tesseract Health, Inc.	2020333708	Shanghai Zhimeng Biopharma Inc.
2020321013	GCP Applied Technologies Inc.	2020333745	Biomedican, Inc.
2020323971	Commonwealth Scientific and Industrial Research Organisation	2020333843	Velano Vascular, Inc.
2020324317	The Work Shop Limited	2020333851	Precision BioSciences, Inc.
2020324461	Blackburn, K.; Blackburn, M.	2020333912	Xylem Europe GmbH
2020325362	Twitter, Inc.	2020333968	New England Biolabs, Inc.
2020327000	Regeneron Pharmaceuticals, Inc.	2020334044	Q Networks, LLC
2020327435	BYD Company Limited	2020334057	JPMorgan Chase Bank, N.A.
2020327664	Sustainable Marine Energy Limited	2020334147	Coda Biotherapeutics, Inc.
2020327676	Microbiotica Limited; Genome Research Limited	2020334394	Xu, M.
2020327694	Depuy Synthes Products, Inc.	2020334655	Zhongtian Technology Submarine Cable Co., Ltd.
2020327851	Sabadash, A.; Milevsky, A.	2020334700	Joint-Stock Company "Generium"
2020327870	Elekta Ltd.	2020334705	Telefonaktiebolaget LM Ericsson (publ)
2020327928	Boston Scientific Neuromodulation Corporation	2020334903	Cellphire, Inc.
2020328016	Shanghai Qv Technologies Co., Ltd.	2020334987	GlycoMimetics, Inc.
2020328038	Amgen Inc.	2020335024	Form 700 Pty Ltd
2020328064	Biocompatibles UK Limited; Ramadhyani, S.; Kveen, C.; Natesan, H.	2020335113	IGNCYERTO S.L.
2020328272	Baby Flag Ltd.	2020335790	Huawei Technologies Co., Ltd.
2020328467	Secure Hard Drive Destruction Pty Ltd	2020335811	Billion King International Ltd.
2020328468	KWB Global Limited	2020335893	Genome Protection, Inc.
2020328475	ModMab Therapeutics Inc.	2020335996	Gen-Probe Incorporated
2020328516	The Boeing Company	2020336070	Warren, R.
2020328596	Acuitas Therapeutics, Inc.	2020336093	AbbVie Inc.
2020328599	iRepertoire, Inc.	2020336102	University of Pittsburgh - of the Commonwealth System of Higher Education
2020328618	University of Maryland, Baltimore	2020336114	Onebiopharma, Inc.
2020329081	Minesensor Assets Pty Ltd	2020336147	PRC-DeSoto International, Inc.
2020329092	ModMab Therapeutics Inc.	2020336161	VMware, Inc.
2020329191	Regeneron Pharmaceuticals, Inc.	2020336230	EXUMA Biotech Corp.
2020329212	Audition Technology, LLC	2020336337	The Vanguard Group, Inc.
2020329283	Autonomous Solutions, Inc.	2020336814	Philip Morris Products S.A.
2020329369	Boyuan Runsheng Pharma (Hangzhou) Co., Ltd.	2020336975	Hibercell, Inc.
2020329417	ZTE Corporation	2020337082	Cliff Dundee Pty Ltd
2020329461	Vivo Mobile Communication Co., Ltd.	2020337111	Biotempt B.V.
2020329531	Merck Patent GmbH	2020337181	4DMedical Limited
2020329603	Hope Tree International GmbH	2020337731	Equinor Energy AS
2020329666	Ethicon, Inc.	2020337903	CaaMTech LLC
2020329773	Delstar Technologies, Inc.	2020337913	Isla Mapping LLC
2020329793	Francis, T.	2020337944	Hollister Incorporated
2020329905	Sonos, Inc.	2020338043	Chemwerth, Inc.
2020329919	BioRegenTech, Inc.	2020338247	Akzo Nobel Coatings International B.V.
2020330099	Biocompatibles UK Limited; Ramadhyani, S.; Kveen, G.; Natesan, H.	2020338366	Guangzhou Virotech Pharmaceutical Co., Ltd.
2020330314	Elekta Ltd.	2020338480	Comtech (Aust) Pty Ltd
		2020338767	Sichuan Haisco Pharmaceutical Co., Ltd.; Liaoning Haisco Pharmaceutical Co., Ltd.; Haisco Pharmaceutical Group Inc.
		2020338818	4TEEN4 Pharmaceuticals GmbH

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

2020338947	Tonix Pharma Limited	2020344467	Caterpillar Inc.
2020338966	Fisher & Paykel Healthcare Limited	2020344481	Oldfields Holdings Ltd
2020339126	Kajual Office Inc.	2020344520	Nanophase Technologies Corporation
2020339851	Valmont Australia Pty Ltd	2020344554	The Children's Hospital of Philadelphia
2020339858	GuideStar Medical Devices	2020344577	Washington University
2020340229	Roadtec, Inc.	2020344609	Ohio State Innovation Foundation
2020340242	Bio-Lab, Inc.	2020344624	The University of Chicago
2020340421	RevBio, Inc.	2020344675	Elektrofi, Inc.
2020340424	Shattuck Labs. Inc.	2020344792	A O Formaflon Swiss AG
2020340427	HiberCell, Inc.	2020344819	Biolog-id
2020340558	Delica AG	2020344932	A O Formaflon Swiss AG
2020340561	Novaliq GmbH	2020344936	Suez International
2020340578	Atam Group Limited	2020344949	Bayer Aktiengesellschaft
2020340617	Renown Pharma Inc.	2020344988	E-Swin Developpement
2020340629	Enlivex Therapeutics Ltd	2020345000	Origenis GmbH
2020340852	Haque, M.	2020345003	Etablissement Français du Sang; Institut National de la Sante et de la Recherche Medicale (INSERM); Centre Hospitalier Regional Universtaire de Besancon; Universtite de Franche-Comte
2020340934	Arizona Board of Regents on behalf of Arizona State University		
2020340954	Vyair Medical, Inc.	2020345070	Packaging- & Cuttingsystems von der Weiden GmbH
2020340970	Aclara Technologies LLC	2020345080	Tyco Fire Products LP
2020340989	Bodner, R.	2020345102	John Florence Limited; The University of Sussex
2020341114	Babraham Institute; VIB vzw; Katholieke Universiteit Leuven, K.U. Leuven R&D	2020345167	Fisher & Paykel Healthcare Limited
2020341183	Eni S.p.A.	2020345174	Lupin Limited
2020341251	EAP@ Produktions- und Patentverwertungs- GmbH	2020345271	Meiji Co., Ltd.
2020341258	Breville Pty Limited	2020345441	Dioseve Inc.
2020341422	Telefonaktiebolaget LM Ericsson (publ)	2020345554	Becton, Dickinson and Company
2020341479	Myeloid Therapeutics, Inc.	2020345560	Becton, Dickinson and Company
2020341484	Netflix, Inc.	2020345562	USG Interiors, LLC
2020341562	The Regents of the University of Michigan; Wayne State University	2020345581	Munters Europe Aktiebolag
2020341580	Cedars-Sinai Medical Center	2020345589	Sawgrass Technologies, Inc.
2020341692	Baxter International Inc.; Baxter Healthcare SA	2020345630	Cota, Inc.
2020341712	Sorrento Therapeutics, Inc.	2020345686	Igloo Products Corp.
2020341843	Arnold, M.	2020345693	S & B Technical Products, Inc.
2020342041	LG Electronics Inc.	2020345695	Igloo Products Corp.
2020342180	Huawei Technologies Co., Ltd.	2020345760	Tecna S.p.A.
2020342189	Impact Therapeutics (Shanghai), Inc	2020345779	Becton, Dickinson and Company
2020342253	thyssenkrupp Uhde Chlorine Engineers GmbH	2020345791	Inspirna, Inc.
2020342385	Vir Biotechnology, Inc.; Triad National Security, LLC	2020345801	The Trustees of Indiana University
2020342512	Amgen Inc.	2020345819	Matyac, M.
2020342648	Tableau Software, Inc.	2020345874	C3.ai, Inc.
2020342765	Suez International	2020345943	Obsidian Therapeutics, Inc.
2020342767	Suez International	2020345950	Prelude Therapeutics Incorporated
2020342778	Symphogen A/S	2020345962	Vincere Biosciences, Inc.
2020342787	Scancell Limited	2020345975	Wonderland Switzerland AG
2020342809	The University of Hull	2020345992	Hoang, K.
2020343020	Cognoa, Inc.	2020345993	Avery Dennison Retail Information Services, LLC
2020343029	Board of Supervisors of Louisiana State University and Agricultural and Mechanical College; Pelaez, R.	2020346037	BLY IP Inc.; Global Tech Corporation Pty Ltd.
2020343063	The Wilkinson Group LLC	2020346041	ModernaTX, Inc.
2020343119	Defenda Pty Ltd as Trustee for Uni-Tuff Global Trust	2020346050	Savant Systems, Inc.
2020343122	Alcoa of Australia Limited	2020346051	Lazlo 326, LLC
2020343312	Repligen Corporation	2020346056	Regeneron Pharmaceuticals, Inc.
2020343476	HDR SG Pte. Ltd.	2020346061	Finch Therapeutics Holdings LLC
2020343654	The Regents of the University of California	2020346171	Qingdao Haier Refrigerator Co., Ltd.; Haier Smart Home Co., Ltd.
2020343666	PayPal, Inc.	2020346227	Qingdao Haier Refrigerator Co., Ltd.; Haier Smart Home Co., Ltd.
2020343713	Steed, D.; Poulsen, S.; Fairbourne, J.	2020346256	Rheinmetall Landsysteme GmbH
2020343720	McGhee, J.	2020346306	Biolog-id
2020343737	Lunan Pharmaceutical Group Corporation	2020346362	Wonderland Switzerland AG
2020343931	Roquette Freres	2020346455	MedinCell S.A.
2020344019	Shanghai Tauto Biotech Co., Ltd.	2020346476	Suntory Holdings Limited
2020344143	Expro North Sea Limited	2020346543	Meiji Co., Ltd.
2020344145	The Francis Crick Institute Limited	2020346580	Kyowa Kirin Co., Ltd.
2020344163	Vital Meat	2020346581	Dai Nippon Printing Co., Ltd.
2020344199	E-Swin Developpement	2020346613	Computer Reel Designs Pty Limited
2020344216	Origenis GmbH	2020346704	Igloo Products Corp.
2020344296	Daikin Industries, Ltd.	2020346723	The Boeing Company
2020344338	Meiji Co., Ltd.	2020346783	IntraOp Medical Corporation
2020344383	ARS Corporation	2020346824	The Board of Trustees of the Leland Stanford Junior University
2020344437	Bree, C.	2020346827	Relievent Medsystems, Inc.
2020344465	Tableau Software, Inc.		

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

2020346884	Texas Institute of Science, Inc.	2020349671	Enzene Biosciences Limited
2020346889	Savant Systems, Inc.	2020349679	Pro Medicare S.r.l.
2020346937	Qingdao Haier Refrigerator Co., Ltd.; Haier Smart Home Co., Ltd.	2020349953	Mitsubishi Heavy Industries, Ltd.
2020346962	Dusty Robotics, Inc.	2020350105	The Queen's University of Belfast
2020347030	Xris Corporation	2020350140	UCL Business Ltd
2020347092	BP Corporation North America Inc.	2020350156	Institut National des Sciences Appliquees de Toulouse; Centre National de la Recherche Scientifique
2020347095	American Sterilizer Company	2020350213	ASP Global Manufacturing GmbH
2020347096	Alarm.com Incorporated	2020350216	Sofar S.p.A.
2020347099	NewSouth Innovations Pty Limited	2020350221	Enlivex Therapeutics RDO Ltd.
2020347141	Baker Hughes Oilfield Operations LLC	2020350428	MJNN LLC
2020347165	Massachusetts Eye and Ear Infirmary; The Schepens Eye Research Institute, Inc.	2020350442	Emory University
2020347167	Cryo Sentinel LLC	2020350605	Zynerba Pharmaceuticals, Inc.
2020347245	Savant Systems, Inc.	2020350614	Knopp Biosciences LLC
2020347269	Laboratory Corporation of America Holdings	2020350666	Ohio State Innovation Foundation
2020347273	Savant Systems, Inc.	2020350673	Plaid Inc.
2020347274	Nimbus Saturn, Inc.	2020350689	Bristol-Myers Squibb Company
2020347470	Berhalter AG	2020350707	Northwestern University
2020347473	Hummingbird Bioscience Holdings Limited	2020350759	ModernaTX, Inc.
2020347483	AC Immune SA	2020350769	Denali Therapeutics Inc.
2020347500	Holistick Medical	2020350774	Maurer, S.
2020347503	Association Institut De Myologie; Inserm (Institut National de La Santé Et de La Recherche Médicale); Sorbonne Universite	2020350795	Bristol-Myers Squibb Company
2020347520	E-Swin Developpement	2020350877	Creo Medical Ltd
2020347539	Raziel Therapeutics Ltd.	2020350894	Toopi Organics
2020347559	Packaging- & Cuttingsystems von der Weiden GmbH	2020351072	Apple Inc.
2020347565	F.Ili Maris S.p.A.	2020351138	Opsidio, LLC
2020347572	Nicoventures Trading Limited	2020351154	CASS Pharmaceuticals, Inc.
2020347662	Meiji Co., Ltd.	2020351177	Dalan Animal Health, Inc.
2020347729	Innovent Biologics (Suzhou) Co., Ltd.	2020351213	Transverse Medical, Inc.
2020347774	Bayer Aktiengesellschaft	2020351219	The Trustees of Indiana University
2020347797	Bayer Aktiengesellschaft	2020351296	BAE Systems plc
2020347847	BASF SE	2020351324	Novartis AG
2020347858	Heymans, J.	2020351344	Anokion SA
2020347859	Syngenta Crop Protection AG	2020351354	Sofar S.p.A.
2020347867	Gambro Lundia AB	2020351698	Prostate Cancer Research Centre; King's College London
2020347901	Institut National des Sciences Appliquees de Toulouse; Centre National de la Recherche Scientifique	2020351758	Agrium Inc
2020347945	Novartis AG	2020351823	Mintek
2020347961	Sofar S.p.A.	2020352135	Dai Nippon Printing Co., Ltd.
2020347962	Sofar S.p.A.	2020352337	Hinova Pharmaceuticals Inc.
2020348089	Shionogi & Co., Ltd.	2020352345	Jiangsu Nuo-Beta Pharmaceutical Technology Co., Ltd.
2020348194	RiskLens, Inc.	2020352438	Electrolux Home Products, Inc.
2020348304	CareFusion 303, Inc.	2020352489	International Business Machines Corporation
2020348310	Zynerba Pharmaceuticals, Inc.	2020352531	Subtle Medical, Inc.
2020348498	Weir Minerals Australia Ltd	2020352537	Shildan, Inc.
2020348532	Becton Dickinson Holdings Pte. Ltd.	2020352547	Regeneron Pharmaceuticals, Inc.
2020348602	Longhorn Vaccines and Diagnostics, LLC	2020352594	DeepMind Technologies Limited
2020348693	Woodward, Inc.	2020352609	Nurix Therapeutics, Inc.
2020348701	Zeng, G.	2020352668	Janssen Pharmaceutica NV
2020348750	Regeneron Pharmaceuticals, Inc.	2020352931	Flagship Pioneering Innovations V, Inc.
2020348783	Bristol-Myers Squibb Company	2020352984	Omega Therapeutics, Inc.
2020348863	Transverse Medical, Inc.	2020352986	The Trustees of the University of Pennsylvania
2020349121	Bayer Aktiengesellschaft	2020353015	Nurix Therapeutics, Inc.
2020349218	Daikin Industries, Ltd.; Daikin Europe N.V.	2020353080	Bard Access Systems, Inc.
2020349264	ENEOS Corporation	2020353090	Advanced Solutions Life Sciences, LLC
2020349374	Protix B.V.	2020353154	Cellenkos, Inc.
2020349391	Plasma Technologies, LLC	2020353173	The Global Alliance for TB Drug Development, Inc.
2020349427	Align Technology, Inc.	2020353221	University College Dublin
2020349509	Genentech, Inc.	2020353235	AskGene Pharma, Inc.
2020349524	Bristol-Myers Squibb Company	2020353291	Lunaphore Technologies SA
2020349592	The University of Melbourne	2020353298	Sandvik Mining and Construction Oy
2020349599	Unilever Global IP Limited	2020353672	Surface Oncology, Inc.
2020349613	Danmarks Tekniske Universitet	2020353687	The Global Alliance for TB Drug Development, Inc.
2020349615	NH TherAguiX; Institut Gustave Roussy; INSERM (Institut National de la Santé et de la Recherche Médicale); Universite Paris-Saclay	2020353695	Stratatech Corporation
2020349639	Bostik SA	2020353700	Oxy Low Carbon Ventures, LLC
2020349643	China Industries Limited	2020353720	Commonwealth Scientific and Industrial Research Organisation
2020349664	Politecnico di Milano	2020354372	Syngenta Crop Protection AG
		2020354419	Universiteit Gent
		2020354489	Google LLC
		2020354538	King's College London
		2020354660	Edgewell Personal Care Brands, LLC.

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

2020354700	Essence Security International (E.S.I.) LTD.	2020366561	Societe des Produits Nestle S.A.
2020354808	Jun, H.; Jun, J.	2020366615	International Business Machines Corporation
2020355121	Boston Scientific Scimed, Inc.	2020366678	Boehringer Ingelheim International GmbH
2020355520	Vallourec Oil and Gas France; Nippon Steel Corporation	2020366986	Steiner AG Weggis
2020355522	University College Dublin	2020367205	Infinite Water Technologies Pty Ltd
2020355593	The Queen's University of Belfast	2020367644	Losec Co., Ltd.
2020355607	Wonderland Switzerland AG	2020368222	International Business Machines Corporation
2020355830	Shenzhen Salubris Pharmaceuticals Co. Ltd	2020368620	Técnicas Reunidas, S.A.
2020355992	Nippon Soda Co., Ltd.	2020369020	Anesteasy AB
2020356227	ALD Vacuum Technologies GmbH; GfE Metalle Und Materialien GmbH	2020369228	International Business Machines Corporation
2020356333	Ferton Holding S.A.	2020369514	Ecube Labs Co., Ltd.
2020356334	Université Catholique de Louvain	2020369556	LanzaTech, Inc.
2020356408	Institut Pasteur; Centre National de la Recherche Scientifique - CNRS -; Institut Pasteur du Cambodge	2020369825	International Business Machines Corporation
2020356491	Nirogy Therapeutics, Inc.	2020371238	Fibriant B.V.
2020356630	The Global Alliance for TB Drug Development, Inc.	2020371560	Rocks Gone Pty Ltd
2020357614	The Scripps Research Institute	2020371591	Ecube Labs Co., Ltd.
2020357618	Boston Scientific Scimed, Inc.	2020371592	Ecube Labs Co., Ltd.
2020357748	Muzak LLC	2020371620	Labombard, D.
2020357915	VitriTech Ltd	2020371649	CompoSecure, LLC
2020357918	ConvaTec Limited	2020371928	MIP Diagnostics Limited
2020357938	Mars, Incorporated	2020372576	Anesteasy AB
2020357944	Adimab, LLC	2020373049	Mars, Incorporated
2020357950	Dana-Farber Cancer Institute, Inc.	2020373770	Qingdao Haier Refrigerator Co., Ltd.; Haier Smart Home Co., Ltd.
2020358022	Amgen Inc.	2020374241	International Business Machines Corporation
2020358047	Alcon Inc.	2020374243	International Business Machines Corporation
2020358123	CRC for Honey Bee Products	2020374947	Forty Seven, Inc.
2020358124	Clearvue Technologies Ltd	2020375257	Takazono Corporation
2020358146	Kasis Environmental Ltd.	2020377149	Alcon Inc.
2020358203	ASKA Pharmaceutical Co., Ltd.	2020377978	Halliburton Energy Services, Inc.
2020358364	Tolmar International Limited	2020378324	Dana-Farber Cancer Institute, Inc.
2020358595	Shukla Medical	2020378680	FiberLean Technologies Limited
2020358811	ConvaTec Limited	2020379335	Hitachi, Ltd.
2020358832	Novelis Inc.	2020379558	Power Works Pte Ltd
2020358893	Boehringer Ingelheim International GmbH	2020379812	Dana-Farber Cancer Institute, Inc.
2020359001	Conmed Corporation	2020380505	Dallmeier Electronic GmbH & Co. KG
2020359293	Clearvue Technologies Ltd	2020381014	Implant Solutions Pty Ltd
2020359424	Motorola Solutions, Inc.	2020381209	Thulin, C.
2020359655	Rutgers, The State University of New Jersey	2020381671	Amgen Research (Munich) GmbH; Amgen Inc.
2020360299	Frito-Lay North America, Inc.	2020381853	Haldor Topsøe A/S
2020360397	Beijing Xuanyi Pharmasciences Co., Ltd.	2020381923	Electrolux Appliances Aktiebolag
2020360689	Cognibotics AB	2020384917	F. Hoffmann-La Roche AG
2020361074	ConvaTec Limited	2020385591	Akzo Nobel Coatings International B.V.
2020361075	ConvaTec Limited	2020385707	Pontarolo Engineering S.p.A.
2020361196	Mixi, Inc.	2020386311	Halliburton Energy Services, Inc.
2020361337	Bionoxx Inc.	2020388383	Kleo Pharmaceuticals, Inc.
2020361695	LeoLabs, Inc.	2020392315	Eyesafe Inc.
2020361743	Rancilio Group S.p.A.	2020393437	Vortice S.p.A.
2020361756	Maolac Ltd.	2020393812	Eyesafe Inc.
2020362080	Textron Systems Corporation	2020396167	Hitachi, Ltd.
2020362983	Alpha Tau Medical Ltd.	2020397983	ZTE Corporation
2020363401	Research Engineering & Manufacturing, Inc.	2020400980	6K Inc.
2020363792	PACT Pharma, Inc.	2020402623	Valmont Industries, Inc.
2020363882	Pindrop Security, Inc.	2020411223	Fujikura Ltd.
2020364067	Axcella Health Inc.	2020415280	Capital One Services, LLC
2020364146	Vaxess Technologies, Inc.	2020438051	Hitachi, Ltd.
2020364169	LeoLabs, Inc.	2020442003	Sichuan Baili Pharmaceutical Co., Ltd
2020364175	Howe & Howe Inc.	2020463769	Jiangsu Academy of Agricultural Sciences
2020364223	Zebra Technologies Corporation	2021219750	Huawei Technologies Co., Ltd.
2020364235	Hover, Inc.	2021260498	Battelle Memorial Institute
2020364319	Wing Aviation LLC	2021267059	Shanghai Shineroad Automobile Technology Co., Ltd.
2020364480	Samsung Bioepis Co., Ltd.	2021269381	State Grid Jiangsu Electric Power Co., Ltd. Marketing Service Center; State Grid Jiangsu Electric Power Co., Ltd.; State Grid Corporation of China
2020365048	Oxford Medical Products Limited	2021318297	TiCARos Co., Ltd
2020365395	Societe des Produits Nestle S.A.	2021326003	Toco Blox Pty Ltd.
2020366080	Shenzhen Profound View Pharmaceutical Technology Co., Ltd.		
2020366207	Trustees of Boston College		
2020366213	The WellBoss Company, LLC		
2020366289	ImmunoVaccine Technologies Inc.		
2020366553	Boehringer Ingelheim International GmbH		

IPC Index

<u>A01B 35 /-</u>	<u>A01N 63 /-</u>	<u>A23K 10 /-</u>	<u>A24F 40 /-</u>	2020357618 2020358595 2020359001	<u>A61C 8 /-</u>
2020371560	2020371238	2020349374 2020357938	2020336814		2020341251
<u>A01G 25 /-</u>	<u>A01P 1 /-</u>	<u>A23K 20 /-</u>	<u>A24F 47 /-</u>	<u>A61B 18 /-</u>	<u>A61C 9 /-</u>
2020402623	2020354660 2020358146	2020349374	2020328016	2020297605 2020328064 2020330099 2020346827 2020350877 2020355121	2020381014
<u>A01G 3 /-</u>	<u>A01P 13 /-</u>	<u>A23K 30 /-</u>	<u>A43B 3 /-</u>		<u>A61F 11 /-</u>
2020344383	<u>A01P 13 /-</u>	2020357938	2021260498		2020329212
<u>A01G 31 /-</u>	2020344949 2020355992	<u>A23K 50 /-</u>	<u>A44C 15 /-</u>	<u>A61B 3 /-</u>	<u>A61F 13 /-</u>
2020350428 2020354808		2020342809 2020349374 2020357938	2020349427	2020297605 2020344199 2020344988 2020347520	2020329773 2020329919 2020346613
<u>A01G 7 /-</u>	<u>A21B 7 /-</u>	<u>A23L 13 /-</u>	<u>A45C 11 /-</u>		<u>A61F 2 /-</u>
2019466291 2020339126	2020343063	2020343931 2020344163	2020346704		2020347500 2020348863 2020351213 2020353695 2020358047 2020358595 2020367644 2020371620
<u>A01G 9 /-</u>	<u>A21D 10 /-</u>	<u>A23L 2 /-</u>	<u>A45C 13 /-</u>	<u>A61B 34 /-</u>	
2020339126 2020350428	2020343931	2020337082 2020346476	2020345686	2020331936 2020340989	
<u>A01K 5 /-</u>	<u>A21D 2 /-</u>	<u>A23L 29 /-</u>	<u>A45D 31 /-</u>	<u>A61B 5 /-</u>	
2020373049	2020343931	2020329603	2020345992	2020329919 2020331683 2020335113 2020337181 2020343020 2020345102 2020345554 2020345560 2020347774 2020347797 2020347867 2020349121 2020357618	
<u>A01K 69 /-</u>	<u>A22C 17 /-</u>	<u>A23L 3 /-</u>	<u>A47B 96 /-</u>		<u>A61F 5 /-</u>
2020342809	2020345070 2020347559	2020357938	2020332797		2020345102 2020357918 2020358811 2020361074 2020361075
<u>A01N 1 /-</u>	<u>A22C 21 /-</u>	<u>A23L 33 /-</u>	<u>A47C 21 /-</u>	<u>A47C 7 /-</u>	<u>A61F 9 /-</u>
2020334903	2020345070 2020347559	2020349374 2020364067	2020350774	2020349679	2020371620
<u>A01N 25 /-</u>	<u>A23B 4 /-</u>	<u>A23L 5 /-</u>	<u>A47G 21 /-</u>	2020329603	<u>A61B 6 /-</u>
2019449441 2020344949 2020354660 2020358146	2020357938	2020344338 2020345271 2020346543 2020347662	<u>A47J 31 /-</u>		<u>A61G 17 /-</u>
<u>A01N 29 /-</u>	<u>A23C 9 /-</u>	<u>A23L 7 /-</u>	2020361743 2020366986	<u>A61B 90 /-</u>	2019466410
2020340242	2020344338 2020345271 2020346543 2020347662	2020349374	<u>A47J 36 /-</u>	2020327694 2020381014	<u>A61G 5 /-</u>
<u>A01N 33 /-</u>	<u>A23F 3 /-</u>	<u>A23P 10 /-</u>	2020381923		2020349679
2020354660	2020340558	2020364067	<u>A47J 42 /-</u>	<u>A61C 13 /-</u>	<u>A61G 7 /-</u>
<u>A01N 37 /-</u>	<u>A23F 5 /-</u>	<u>A23P 20 /-</u>	2020361743	2020341251	<u>A61J 1 /-</u>
2019449441	2020340558	<u>A24B 13 /-</u>	<u>A61B 1 /-</u>	<u>A61C 15 /-</u>	2020341692 2020384917
<u>A01N 43 /-</u>	<u>A23G 1 /-</u>	2020343931	2019295406 2020357618	2020334394	<u>A61J 3 /-</u>
2019449441 2020332815 2020338043 2020344949 2020347859 2020355992 2020358146 2020371238	2020365395 2020366561	2020347572	<u>A61B 13 /-</u>	<u>A61C 17 /-</u>	2020336093
<u>A01N 59 /-</u>	<u>A23J 3 /-</u>	<u>A24B 15 /-</u>	2020329603	2020329603	<u>A61K 31 /-</u>
2020351758	2020344163 2020349374 2020364067	2020347572		<u>A61C 19 /-</u>	2020328618 2020329191 2020332462 2020333708 2020336102 2020336975 2020338043 2020338366
	<u>A23J 7 /-</u>	<u>A24D 1 /-</u>	2020327694 2020346827 2020347500 2020348863 2020351213	<u>A61C 7 /-</u>	
	2020364067			2020349427	

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

2020340427	2020353154	2020351138	2020346056		2020347961
2020340617	2020353695	2020351177	2020350140	A61M 1 /-	2020349615
2020341562	2020358146	2020351344	2020352984		2020350216
2020342189	2020361756	2020352345	2020352986	2020345801	2020351354
2020343029	2020378324	2020352668	2020353695	2020347867	2020381209
2020343737	2021318297	2020352986	2020354538		
2020344145		2020353672	2020355522	A61M 15 /-	A61P 11 /-
2020344216	A61K 36 /-	2020356334			
2020344554		2020358022	A61K 49 /-	2020335113	2020343737
2020344609	2020329191	2020361337		A61M 16 /-	2020348089
2020345000	2020347962	2020363792	2020347797		2020349615
2020345003	2020348310	2020364146	2020349615		2020366553
2020345791		2020364480		2020335113	2020366678
2020345950	A61K 38 /-	2020381671	A61K 51 /-	2020338966	
2020346041		2020384917		2020340954	A61P 13 /-
2020346455	2020328038	2020463769	2020362983	2020345167	
2020347274	2020332815		A61K 8 /-	A61M 25 /-	2020343654
2020347473	2020334147	A61K 41 /-			2020343737
2020347539	2020335811		2019448729	2020329666	2020348089
2020348089	2020337111	2020349615	2020344520	2020333843	2020351138
2020348310	2020338767	A61K 45 /-	2020349599	2020337944	2020358203
2020348783	2020338818		2020356333	2020345554	2020381209
2020349524	2020338947	2020338818	A61K 9 /-	2020345560	A61P 15 /-
2020349613	2020340561	2020340629		2020345779	
2020349671	2020342512	2020342512	2020328596	2020353080	2020340617
2020350105	2020344145	2020345801	2020333230	2020369020	2020343737
2020350605	2020344609	2020344675	2020336093	2020372576	
2020351219	2020344675	2020345003	2020338767	A61M 29 /-	A61P 17 /-
2020351324	2020345003	2020345174	2020340561		
2020352337	2020345174	2020345801	2020340617	2020329666	2020336102
2020352345	2020345801	2020363792	2020341692		2020343737
2020352609	2020345943	2020381209	2020342512	A61M 37 /-	2020344216
2020352668	2020346580	A61K 47 /-	2020344675		2020345000
2020353015	2020349391		2020346455	2020332882	2020349509
2020353173	2020351154	2020329092	2020348783		2020353695
2020353687	2020351219	2020331424	2020349524	A61M 39 /-	
2020355830	2020352609	2020338366	2020349613		A61P 19 /-
2020356491	2020352986	2020340561	2020350105	2020345554	
2020356630	2020353015	2020340617	2020350759	2020345779	2020328038
2020357614	2020353221	2020341692	2020357950	2020345779	2020331282
2020357950	2020358364	2020342512	2020342787	2020353080	2020340629
2020358203	2020361337	2020342787	2020344675	A61M 5 /-	2020343737
2020366553	2020361756	2020344675	2020346455		2020344216
2020366678	2020363792	2020346455	2020358364	2019466785	2020345000
2020371620	2020371238	2020348310	2020364480	2020339858	
2020379812	A61K 39 /-	2020348783	2020365048	2020348532	A61P 23 /-
2020381209		2020349524	2020366289	2020353080	
	2020328475	2020349615	2020371238		2020350105
A61K 33 /-	2020329092	2020350105	2020371620	A61N 1 /-	
	2020331424	2020350759	2020384917		A61P 25 /-
2020350707	2020333851	2020351154	2020463769	2020327928	
2020362983	2020334700	2020351344			2020328618
2020366080	2020335893	2020353235	A61L 15 /-	A61N 2 /-	2020334147
	2020336114	2020357950			2020338767
A61K 35 /-	2020338366	2020358022	2020329773	2020346613	2020340617
2020327676	2020338818	2020358364	A61L 2 /-		2020343029
2020333666	2020341712	2020360397		A61N 5 /-	2020343737
2020340934	2020342778	2020364146	2020350213		2020344216
2020341114	2020342787	2020364480		2020327870	2020345000
2020341712	2020344145	2020366080	A61L 26 /-	2020329919	2020346061
2020345943	2020346041	2020366289		2020330314	2020346455
2020346061	2020347473	2020371620	2020329919	2020330314	2020347483
2020346824	2020347473	2020371928		2020337181	2020348089
2020347961	2020347483	2020384917	A61L 27 /-	2020346783	2020348089
2020347962	2020347729	2020388383		2020349613	2020350769
2020349391	2020349391	2020442003	2020353695	2020349615	2020352345
2020350216	2020349509	A61K 48 /-	2020360397	2020362983	2020381209
2020350442	2020349613		2020367644	A61P 1 /-	
2020351354	2020349615	2020331987	2020371620		A61P 27 /-
2020352609	2020350221	2020341114	A61L 31 /-	2020327676	2020338767
2020353015	2020350666	2020344609		2020329191	2020340561
	2020350689	2020345943	2020364146	2020342512	2020344216
	2020350769			2020343737	2020345000

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

2020345174	2020350795	2020381209		<u>B21D 43 /-</u>	<u>B28C 7 /-</u>
<u>A61P 29 /-</u>	2020351324		<u>B01J 2 /-</u>		
	2020352337	<u>A61Q 11 /-</u>		2020347470	2020321013
2020328038	2020352609	2020356333	2020357915	<u>B21D 51 /-</u>	<u>B29B 17 /-</u>
2020336102	2020352668		<u>B01J 20 /-</u>		
2020343737	2020352986	<u>A61Q 15 /-</u>		2020347470	2020347565
2020346580	2020353015		2020358146	<u>B22F 1 /-</u>	<u>B29B 7 /-</u>
2020347961	2020353672	2020349599	<u>B01J 23 /-</u>	2020356227	2020347565
2020347962	2020356334	<u>A61Q 17 /-</u>		2020400980	
2020350105	2020358893		2020347901	<u>B22F 3 /-</u>	<u>B29C 35 /-</u>
2020350216	2020361337	2020344520	2020350156		2020332882
<u>A61P 3 /-</u>	2020362983	<u>A61Q 19 /-</u>	<u>B01J 35 /-</u>	2020329531	<u>B29C 37 /-</u>
	2020363792			<u>B22F 9 /-</u>	2020332882
2020328038	2020366207	2019448729	2020347901	2020356227	<u>B29C 44 /-</u>
2020343029	2020374947		2020350156	<u>B23D 47 /-</u>	2020393437
2020343737	2020381671	<u>A62C 37 /-</u>		2020330553	<u>B29C 48 /-</u>
2020344216	2020442003		<u>B01J 37 /-</u>	2020330553	2020347565
2020345000	2021318297	2020345080		<u>B23D 55 /-</u>	<u>B29C 64 /-</u>
2020347729	<u>A61P 37 /-</u>	<u>A63B 5 /-</u>	2020347901	2020345760	2020329531
2020366080	2020328038	2020347858	2020350156	<u>B23Q 11 /-</u>	2020353090
2020366207	2020333708	<u>A63B 71 /-</u>	<u>B01J 8 /-</u>	<u>B23Q 16 /-</u>	<u>B29C 65 /-</u>
<u>A61P 31 /-</u>	2020335893			2020330553	2020360299
	2020336102	2020347858	2020347901	<u>B25J 15 /-</u>	<u>B29C 67 /-</u>
2020332815	2020343029	<u>A63H 33 /-</u>		2020344792	2020353090
2020333708	2020343737		<u>B01L 3 /-</u>	2020344932	<u>B29K 105 /-</u>
2020340934	2020344216	2020349643		<u>B25J 9 /-</u>	2020347565
2020343737	2020345000	2021326003	<u>B01L 9 /-</u>	2020346962	<u>B32B 27 /-</u>
2020344216	2020345003	<u>B01D 11 /-</u>	2020349664	2020360689	2020338247
2020345000	2020346580	2020332812	<u>B02C 17 /-</u>		2020344437
2020346041	2020346824	<u>B01D 15 /-</u>	2020343713		2020346581
2020346824	2020349615	2020358146	<u>B02C 18 /-</u>	<u>B26B 15 /-</u>	<u>B32B 3 /-</u>
2020350689	2020350666	<u>B01D 29 /-</u>	2020345070	2020344383	2020352135
2020353687	2020350689		2020347559	<u>B26D 5 /-</u>	<u>B33Y 10 /-</u>
2020366207	2020351344	<u>B01D 37 /-</u>	<u>B02C 4 /-</u>	2020347470	2020329531
2020463769	2020353154		2020343713	<u>B26D 7 /-</u>	<u>B33Y 30 /-</u>
<u>A61P 35 /-</u>	2020361756	<u>B01D 39 /-</u>	<u>B05B 12 /-</u>	2020344383	2020329531
	<u>A61P 39 /-</u>	2020358146		<u>B26D 7 /-</u>	<u>B33Y 80 /-</u>
2020328475	2020344216	<u>B01D 53 /-</u>	2020345070	2020330553	2020329531
2020329092	2020345000		2020347559	2020347470	2020346962
2020329369	2020374947	<u>B01D 59 /-</u>	<u>B02C 4 /-</u>	2020360689	<u>B32B 27 /-</u>
2020331424	<u>A61P 43 /-</u>		2020343713		2020338247
2020332462		<u>B01D 61 /-</u>	<u>B05B 7 /-</u>	<u>B26B 15 /-</u>	2020344437
2020333708	2020348089			2020344383	2020346581
2020334700	2020357944	<u>B01D 65 /-</u>	<u>B05B 12 /-</u>	<u>B26D 5 /-</u>	<u>B32B 3 /-</u>
2020335811	2020364146		2020402623	2020347470	2020352135
2020336975	2020371238	<u>B01D 69 /-</u>	<u>B05B 7 /-</u>	<u>B26D 7 /-</u>	<u>B33Y 10 /-</u>
2020338366	<u>A61P 5 /-</u>			2020330553	2020329531
2020340427	2020344216	<u>B01D 73 /-</u>	2020400980	2020347470	2020329531
2020340934	2020342778			<u>B08B 3 /-</u>	<u>B33Y 30 /-</u>
2020342189	2020342787	<u>B01D 77 /-</u>	<u>B08B 9 /-</u>	2020380505	2020329531
2020342778	2020343737		2020340578	<u>B09B 3 /-</u>	<u>B33Y 80 /-</u>
2020342787	2020343737	<u>B01D 81 /-</u>	<u>B09B 3 /-</u>	2020331999	2020329531
2020343737	2020344145			<u>B21D 28 /-</u>	2020346962
2020344145	2020344216	<u>B01D 85 /-</u>	<u>B09B 3 /-</u>	2020347470	<u>B28C 5 /-</u>
2020344216	2020344675		2020380505	<u>B26F 1 /-</u>	2020321013
2020344675	2020345000	<u>B01D 89 /-</u>	<u>B08B 9 /-</u>	2020347470	2020349427
2020345000	2020345943		2020340578	<u>B27B 27 /-</u>	
2020345943	2020346824	<u>B01D 93 /-</u>	<u>B09B 3 /-</u>	<u>B28B 3 /-</u>	<u>B41M 5 /-</u>
2020346824	2020347274			2020352537	2020346962
2020347274	2020347473	<u>A61P 9 /-</u>	<u>B09B 3 /-</u>	<u>B28C 5 /-</u>	<u>B44C 1 /-</u>
2020347473	2020347539		2020331999		
2020349592	2020338818	<u>B01F 35 /-</u>		2020330553	2020329531
2020349613	2020343737		<u>B21D 28 /-</u>	2020347470	2020332882
2020349615	2020344216	<u>B01J 19 /-</u>		<u>B28B 3 /-</u>	<u>B41M 5 /-</u>
2020349615	2020345000		2020347470	2020352537	2020346962
2020349671	2020348089	2020321013		<u>B28C 5 /-</u>	<u>B44C 1 /-</u>
2020350666	2020349615				
2020350689	2020355830			2020321013	2020349427
2020350707		2020349953			

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

<u>B60C 23 /-</u>		2020358832	<u>C02F 101 /-</u>	<u>C07C 233 /-</u>	<u>C07D 409 /-</u>
2020343720	<u>B63B 49 /-</u>				
	2020337913	<u>B65D 88 /-</u>	2020351823	2020345962	2020355992
<u>B60C 29 /-</u>	<u>B64C 19 /-</u>	2020331406	<u>C02F 103 /-</u>	<u>C07C 29 /-</u>	<u>C07D 413 /-</u>
2020343720	2020327851	<u>B65F 1 /-</u>	2020351823	2020349953	2020333708
<u>B60J 1 /-</u>	<u>B64C 27 /-</u>	2020371591	<u>C02F 11 /-</u>	<u>C07C 31 /-</u>	2020347859
2020358124	2020327851	2020371592	2020342765	2020349953	2020352337
<u>B60K 1 /-</u>	<u>B64C 37 /-</u>	<u>B65G 39 /-</u>	<u>C02F 3 /-</u>	<u>C07C 37 /-</u>	<u>C07D 417 /-</u>
2020327435	2020327851	2020329081	2020342767	2020344019	2020345950
<u>B60L 15 /-</u>	2020362080	<u>B65G 43 /-</u>	<u>C02F 9 /-</u>	<u>C07C 39 /-</u>	<u>C07D 471 /-</u>
2020327435	<u>B64C 39 /-</u>	2020329081	2020367205	2020344019	2020333708
<u>B60L 50 /-</u>	2020362080	<u>B65G 47 /-</u>	<u>C03C 3 /-</u>	<u>C07C 49 /-</u>	2020344216
2020340852	<u>B64D 5 /-</u>	2020344792	2020357915	2020349592	2020345000
<u>B60L 53 /-</u>	2020362080	2020344932	<u>C04B 24 /-</u>	<u>C07D 209 /-</u>	2020350614
2020327435	<u>B65B 41 /-</u>	2020331406	2020378680		2020352337
2020340852	2020375257	<u>B65G 67 /-</u>	<u>C04B 26 /-</u>		2020379812
<u>B60N 2 /-</u>	<u>B65B 51 /-</u>	2020331406	2020378680	<u>C07D 211 /-</u>	<u>C07D 487 /-</u>
2020345975	2020360299	<u>B65H 16 /-</u>	<u>C04B 35 /-</u>	2020343737	2020332462
<u>B60P 1 /-</u>	<u>B65B 9 /-</u>	2020375257	2020400980	<u>C07D 213 /-</u>	2020336975
2020331406	2020375257	<u>B65H 20 /-</u>	<u>C05C 9 /-</u>	2020340427	2020337903
<u>B60Q 9 /-</u>	<u>B65D 19 /-</u>	2020347470	2020350894	2020347859	2020340427
2020328272	2020328467	<u>B65H 23 /-</u>	<u>C05F 17 /-</u>	<u>C07D 239 /-</u>	2020344216
<u>B60R 16 /-</u>	<u>B65D 43 /-</u>	2020347470	20203323971	2020332462	2020345000
2020327435	2020328467	<u>B67D 1 /-</u>	2020350894	<u>C07D 241 /-</u>	2020336491
<u>B61H 13 /-</u>	2020333516	2020332067	<u>C05F 3 /-</u>	2020340427	<u>C07D 495 /-</u>
2020281020	<u>B65D 5 /-</u>	2020340421	2020323971	<u>C07D 277 /-</u>	2020356491
<u>B61L 27 /-</u>	2020328467	<u>B67D 7 /-</u>	2020350894	2020356630	2020366553
2020379335	<u>B65D 51 /-</u>	2020340421	<u>C07B 61 /-</u>	2020356630	2020366678
2020396167	2020333516	<u>B82Y 5 /-</u>	2020349953	<u>C07D 307 /-</u>	<u>C07D 513 /-</u>
<u>B62B 7 /-</u>	<u>B65D 65 /-</u>	2020371928	<u>C07C 1 /-</u>	2020332462	<u>C07D 519 /-</u>
2020346362	2020340558	<u>C01B 3 /-</u>	2020347901	2020345962	2020332462
<u>B62B 9 /-</u>	2020345695	2020353700	2020350156	<u>C07D 401 /-</u>	2020350614
2020346362	<u>B65D 77 /-</u>	<u>C01B 32 /-</u>	<u>C07C 217 /-</u>	2020340427	<u>C07H 1 /-</u>
2020355607	2020328467	2020333413	2020345791	2020345950	2020334987
<u>B62D 55 /-</u>	<u>B65D 81 /-</u>	<u>C01F 7 /-</u>	<u>C07C 227 /-</u>	2020347859	<u>C07H 15 /-</u>
2020344467	2020333516	2020348089	2020348089	2020348089	2020334987
2020364175	2020345695	2020366207	2020366207	2020348089	2020335811
<u>B62D 63 /-</u>	<u>B65D 83 /-</u>	<u>C02F 1 /-</u>	<u>C07C 229 /-</u>	2020353173	2020344609
2020364175	2020343119	2020340242	2020348089	<u>C07D 405 /-</u>	<u>C07K 1 /-</u>
<u>B63B 21 /-</u>	<u>B65D 85 /-</u>	2020344936	2020350759	2020340427	2020335811
2020327664		2020351823	2020366207	2020353173	2020349391
2020337731	2020340558	2020367205			

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

<u>C07K 14/-</u>	<u>C08F 12/-</u>	<u>C08K 5/-</u>	<u>C09D 5/-</u>	<u>C11B 9/-</u>	<u>C12N 7/-</u>
2020328038	2020358146	2020349427	2020328516	2020332812	2020340934
2020331987			2020343119		2020346723
2020333851	<u>C08F 120/-</u>	<u>C08L 3/-</u>	2020385591	<u>C12M 1/-</u>	2020361337
2020334147				2020349664	
2020335811	2020346723	2020329603	<u>C09D 7/-</u>	2020350213	<u>C12N 9/-</u>
2020335893	<u>C08F 132/-</u>		2020343119	2020369556	
2020337111		<u>C08L 47/-</u>	2020385591		2020333745
2020338947	2020341843	2019471347	<u>C09J 163/-</u>	<u>C12M 3/-</u>	2020345801
2020341114				2020349664	2020345943
2020341580	<u>C08F 220/-</u>	<u>C08L 5/-</u>	2020336147		2020346056
2020341712				<u>C12N 1/-</u>	2020354372
2020342385	2020346723	<u>C08L 61/-</u>	<u>C09J 7/-</u>	2020348602	2020366207
2020344577		2020329603		2020351354	
2020344609	<u>C08F 38/-</u>		<u>C09K 15/-</u>	2020369556	
2020345943		<u>C08L 63/-</u>	2020349427		2020333745
2020346580	2020358146	2020347847		<u>C12N 15/-</u>	<u>C12P 19/-</u>
2020346824			<u>C09K 17/-</u>	2020328475	2020328599
2020347483	<u>C08G 18/-</u>	<u>C08L 63/-</u>		2020328599	2020359655
2020347945		2020336147	<u>C09K 21/-</u>	2020329092	
2020350140	2020347847	2020347847		2020331424	<u>C12P 21/-</u>
2020351219	2020349639	2020385591	2020357915	2020333745	2020328475
2020351698	2020385591	2020385591		2020336230	2020329092
2020353235	<u>C08G 59/-</u>	<u>C08L 75/-</u>	<u>C09K 3/-</u>	2020341424	2020331424
2020361337				2020341114	2020346580
2020371238	2020336147	2020347847	<u>C09K 8/-</u>	2020341479	
2021318297	2020385591	2020385591	2020357915	2020342778	<u>C12P 7/-</u>
	<u>C08G 61/-</u>	<u>C08L 83/-</u>	2020358146	2020344609	2020369556
<u>C07K 16/-</u>		2020349639		2020344624	
2020327000	2020341843	<u>C08L 95/-</u>	<u>C09K 8/-</u>	2020345441	
2020328475				2020345943	<u>C12Q 1/-</u>
2020329092	<u>C08G 63/-</u>	<u>C08L 95/-</u>	<u>C09K 8/-</u>	2020346056	2020328599
2020331282		2020347847	2019471347	2020346580	2020333968
2020331424	2020355522		2020357915	2020347165	2020335996
2020333851	2020358146	<u>C09D 127/-</u>		2020347269	2020343654
2020334700	2020358364		<u>C10G 2/-</u>	2020347503	2020344145
2020338366		<u>C09D 129/-</u>		2020347729	2020347269
2020341580	<u>C08G 64/-</u>		<u>C10G 31/-</u>	2020350140	2020350213
2020342778		2020343119		2020350442	2020354419
2020342787	2020358364	<u>C09D 131/-</u>	<u>C10G 70/-</u>	2020352931	2020355593
2020343654				2020352984	2020358123
2020345174	<u>C08G 69/-</u>	<u>C09D 133/-</u>		2020353221	2020359655
2020346580			<u>C10J 3/-</u>	2020354372	2020371928
2020347473	2020358146	<u>C09D 133/-</u>		2020354538	
2020347483		2020343119	<u>C12N 5/-</u>	2020355522	<u>C12R 1/-</u>
2020349509	<u>C08G 73/-</u>	<u>C09D 133/-</u>		2020357614	2020351354
2020350221			<u>C10J 3/-</u>	2021318297	
2020350689	<u>C08G 77/-</u>	<u>C09D 163/-</u>			<u>C22B 3/-</u>
2020350769			<u>C10K 1/-</u>	2020328475	2020358146
2020350795	2020349639	2020343119		2020329092	2020368620
2020351138		2020385591	<u>C10K 1/-</u>	2020329369	
2020352986	<u>C08G 81/-</u>	<u>C09D 163/-</u>		2020331424	<u>C22B 7/-</u>
2020353672			<u>C10L 3/-</u>	2020333666	
2020357944	2020346723	2020336147		2020336230	2020343122
2020358893		2020385591	<u>C10L 3/-</u>	2020340629	
2020361337	<u>C08G 83/-</u>	<u>C09D 175/-</u>		2020341479	<u>C23C 18/-</u>
2020364480			<u>C10L 9/-</u>	2020344163	2019479292
2020374947	2020355522	2020349639		2020345441	
2020381671		2020385591	<u>C11B 1/-</u>	2020346580	<u>C25B 1/-</u>
2020388383	<u>C08J 3/-</u>	<u>C09D 201/-</u>		2020350221	2020342253
2021318297				2020350442	
<u>C07K 19/-</u>	2020365048	<u>C09D 183/-</u>	<u>C10L 9/-</u>	2020351219	<u>C25B 15/-</u>
				2020353154	
2020329369	<u>C08J 5/-</u>	2020349639	2020342767	2020357614	2020342253
2020340424				2020378324	
2020346580	2020338247	<u>C09D 201/-</u>	<u>C11B 1/-</u>	2021318297	
2020350221		2020385591			2020342253
	<u>C08K 3/-</u>				
	2020329773				

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

2020349264	2020345562 2020352135	<u>E05F 7/-</u>	<u>E21B 7/-</u>	<u>F16J 15/-</u>	<u>F25D 27/-</u>
<u>C25B 3/-</u>	<u>E04C 3/-</u>	2020347095	2020353298	2020345693	2020352438
2020349264	2020335024	<u>E06B 1/-</u>	<u>E21D 9/-</u>	<u>F16K 31/-</u>	<u>F25D 29/-</u>
<u>C25B 9/-</u>	<u>E04F 10/-</u>	2020358124	2020353298	2020344143	2020342041 2020347167
2020342253 2020349264	2020339851	<u>E06B 3/-</u>	<u>F02B 19/-</u>	<u>F16M 11/-</u>	<u>F41A 23/-</u>
<u>C40B 10/-</u>	<u>E04F 13/-</u>	2020358124	2020348693	2020337913	2020346256
2020344624	2020346581 2020352135 2020352537	<u>E06B 7/-</u>	<u>F02B 23/-</u>	<u>F21K 9/-</u>	<u>F41A 9/-</u>
<u>C40B 30/-</u>	<u>E04F 15/-</u>	2020339851 2020358124	2020348693	2020352438	2020346256
2020344624	2019464484 2020385707	<u>E06B 9/-</u>	<u>F04C 14/-</u>	<u>F24F 11/-</u>	<u>G01B 11/-</u>
<u>C40B 40/-</u>	<u>E04G 1/-</u>	2020339851	2020348498	2020344296 2020345581	2020330972
2020344624	2020344481	<u>E21B 17/-</u>	<u>F04D 13/-</u>	<u>F24F 110/-</u>	<u>G01B 7/-</u>
<u>D21H 11/-</u>	<u>E04G 13/-</u>	2020355520 2020386311	2020347141	2020344296 2020345581	2020343713 2020348498
2020378680	2020335024	<u>E21B 21/-</u>	<u>F04D 15/-</u>	<u>F24F 12/-</u>	<u>G01B 9/-</u>
<u>D21H 17/-</u>	<u>E04G 5/-</u>	2019477159	<u>F04D 17/-</u>	2020345581	2020297605
2020378680	2020344481	<u>E21B 23/-</u>	2020348498 2020393437	<u>F24F 140/-</u>	<u>G01C 21/-</u>
<u>D21H 21/-</u>	<u>E04H 1/-</u>	2019472550 2020366213 2020377978	<u>F04D 25/-</u>	2020345581	2020329283 2020351072 2020371592
2020378680	2020352537	<u>E21B 27/-</u>	2020393437	<u>F24F 3/-</u>	<u>G01C 7/-</u>
<u>D21H 27/-</u>	<u>E04H 15/-</u>	2020341183	<u>F04D 29/-</u>	2020345581	<u>G01C 7/-</u>
2020378680	2020352537	<u>E21B 33/-</u>	2020333912 2020348498 2020393437	<u>F25B 1/-</u>	2020353298
<u>E01C 19/-</u>	<u>E05B 17/-</u>	2019471347 2019479292 2020337731 2020366213 2020377978	<u>F04D 7/-</u>	2019464673	<u>G01D 4/-</u>
2020340229	2020347095	<u>E21B 34/-</u>	<u>F16B 1/-</u>	<u>F25B 49/-</u>	2020331910
<u>E01C 7/-</u>	<u>E05B 43/-</u>	2020344143 2020377978	2020332797	2019464673 2020344296 2020349218	<u>G01F 1/-</u> 2019467754 2020335113
2020347847	2020347095	<u>E21B 41/-</u>	<u>F16B 25/-</u>	<u>F25B 7/-</u>	<u>G01F 11/-</u>
<u>E02D 27/-</u>	<u>E05B 47/-</u>	2019477159 2019479292 2020337731	<u>F16B 39/-</u>	2019464673	2020333516
2020327664 2020337731	<u>E05B 57/-</u>	<u>E21B 43/-</u>	2020363401	<u>F25D 11/-</u>	<u>G01H 3/-</u>
<u>E02F 9/-</u>	2020347095	2020347141 2020386311	2020363401	2020346227 2020373770	2020329212
2020371560	<u>E05B 63/-</u>	<u>E21B 47/-</u>	<u>F16B 39/-</u>	<u>F25D 17/-</u>	<u>G01L 3/-</u>
<u>E04B 1/-</u>	2020347095	2020346037 2020386311	2020363401	2020342041 2020346227	2019466071
2020324461 2020344437 2020345562	<u>E05B 9/-</u>	<u>E21B 49/-</u>	<u>F16C 11/-</u>	<u>F25D 21/-</u>	<u>G01L 5/-</u>
<u>E04B 2/-</u>	<u>E05F 1/-</u>	2020346037 2020386311	2020344467	2020346937 2020373770	2019466071
2020332797 2020352537	<u>E05F 15/-</u>	<u>E21B 49/-</u>	<u>F16C 33/-</u>	<u>F25D 23/-</u>	<u>G01N 1/-</u>
<u>E04C 2/-</u>	2019464140 2020347095	2019477159 2020341183	2020344467	2020346171 2020346227 2020352438 2020373770	2020348602 2020353291
2020324461 2020339851 2020344437			<u>F16H 25/-</u>		<u>G01N 21/-</u> 2020332808
			2020337913		

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

<u>G01N 24 /-</u>		<u>G05D 3 /-</u>	2020345874	<u>G06V 30 /-</u>	
2020358022	<u>G01S 7 /-</u>	2020329283	2020347797	2019466291	<u>G11B 20 /-</u>
<u>G01N 27 /-</u>	2020361695	<u>G06F 11 /-</u>	2020349121		2020328468
2020348498	2020364169	2020348194	2020352594	<u>G07C 5 /-</u>	<u>G11B 27 /-</u>
<u>G01N 29 /-</u>	2021260498	<u>G06F 16 /-</u>	2020369825	2020321013	2020357748
2020348498	<u>G01T 1 /-</u>	2020342648	<u>G06Q 10 /-</u>	<u>G07F 11 /-</u>	<u>G11C 11 /-</u>
<u>G01N 3 /-</u>	2020346783	2020344465	2020329793	2020343063	2020374243
2020343713	<u>G01V 1 /-</u>	<u>G06F 21 /-</u>	2020345993	2020346306	<u>G11C 16 /-</u>
<u>G01N 30 /-</u>	2020347092	2020334057	2020369514	<u>G07F 17 /-</u>	2020374243
2020352547	<u>G01V 3 /-</u>	2020350673	2020371591	2020336070	<u>G11C 29 /-</u>
2020358123	2021260498	2020352489	2020371592	2020343063	2020374243
<u>G01N 33 /-</u>	<u>G01V 8 /-</u>	2020353720	2020402623	2020344819	
2020328475	2019464140	2020366615	<u>G06Q 20 /-</u>	2020346306	<u>G07F 9 /-</u>
2020329092	2021260498	2020368222	2020324317	2020343063	<u>G16H 20 /-</u>
2020331424	<u>G02B 1 /-</u>	2020369228	2020343476	2020343063	2020327870
2020338818	2020392315	<u>G06F 3 /-</u>	2020343666	2020344819	2020344819
2020342787	<u>G02B 27 /-</u>	2020329905	2020346051	2020346306	2020346306
2020343654		2020341258	2020346306	<u>G07G 1 /-</u>	2020348304
2020344145		2020346889	2020415280	2020344819	2020381923
2020344577	<u>G02B 5 /-</u>	<u>G06F 30 /-</u>	<u>G06Q 30 /-</u>	2020346306	<u>G16H 40 /-</u>
2020347269	2020392315	2020360689	2020334057	<u>G08B 13 /-</u>	2020348304
2020347729	<u>G02B 6 /-</u>	<u>G06F 40 /-</u>	2020345589	2020380505	<u>G16H 50 /-</u>
2020348602	2020411223	2020342648	<u>G06Q 40 /-</u>	<u>G08B 21 /-</u>	2020345630
2020348750	<u>G02F 1 /-</u>	<u>G06F 9 /-</u>	<u>G06Q 50 /-</u>	2020328272	2020377149
2020350795		2020325362	2019464659	2020371591	<u>G21G 4 /-</u>
2020356408	<u>G02F 1 /-</u>	<u>G06K 17 /-</u>	2020336070	<u>G08B 5 /-</u>	2020362983
2020358123	2020341258	2019461859	2020361196	2020371591	<u>H01B 7 /-</u>
2020358146	<u>G03B 17 /-</u>	<u>G06K 19 /-</u>	2020379335	<u>G08G 1 /-</u>	2020334655
2020374947	2020380505	2019461859	2020381923	2019464659	2020411223
<u>G01N 35 /-</u>	<u>G03F 1 /-</u>	2020345993	2020396167	2020321013	<u>H01B 9 /-</u>
2020353291	2020332808	2020371649	2020402623	<u>G09G 3 /-</u>	2020334655
<u>G01R 15 /-</u>	<u>G03F 7 /-</u>	<u>G06K 7 /-</u>	2020438051	2020341258	<u>H01F 38 /-</u>
2020340970	2020332808	2019461859	2021269381	<u>G10L 15 /-</u>	2020346884
<u>G01R 19 /-</u>	<u>G05B 15 /-</u>	2020345993	<u>G06T 15 /-</u>	2020328468	<u>H01G 11 /-</u>
2020340970	2020332808	2020371649	2020364235	2020363882	2020341843
<u>G01R 22 /-</u>	<u>G05B 19 /-</u>	<u>G06K 9 /-</u>	<u>G06T 5 /-</u>	<u>G10L 17 /-</u>	<u>H01L 31 /-</u>
2020345819	2020321013	2020347096	2020347797	2020328468	2020338480
<u>G01R 31 /-</u>	2020327435	2020351072	2020352531	2020363882	2020358124
2020340970	<u>G05B 23 /-</u>	<u>G06N 10 /-</u>	2020364235	<u>G10L 19 /-</u>	2020359293
<u>G01R 33 /-</u>	2021267059	2020354489	<u>G06T 7 /-</u>	2020328468	<u>H01L 33 /-</u>
2020347774	<u>G05D 1 /-</u>	<u>G06N 20 /-</u>	2020347797	2020357748	2020393812
2020347797	2020353298	2020345874	2020349121	<u>G10L 21 /-</u>	<u>H01M 10 /-</u>
2020349121	2020364319	<u>G06N 3 /-</u>	2020364235	2020357748	2020333413
2020352531		2020327870	<u>G06T 9 /-</u>	<u>G10L 25 /-</u>	2020359424
2020358022		2020336337	<u>G06V 10 /-</u>	2020363882	
<u>G01S 13 /-</u>			2019466291		
2020330972					
2020361695					
2020364169					
2021260498					

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

<u>H01M 4 /-</u>	<u>H02K 33 /-</u>	<u>H04L 12 /-</u>	<u>H04W 4 /-</u>
2020333413	2019464161	2020336161	2019461859
<u>H01Q 1 /-</u>	<u>H02K 35 /-</u>	2020347245	2020329461
2020344819	2019464161	2020354700	2020346884
2020346306		<u>H04L 41 /-</u>	2020347245
<u>H01Q 19 /-</u>	<u>H02K 49 /-</u>	2020341484	2020371591
2020361695	2019464161	<u>H04L 45 /-</u>	<u>H04W 52 /-</u>
2020364169	<u>H02K 53 /-</u>	2020336161	2019472833
<u>H01Q 21 /-</u>	2019464161	<u>H04L 65 /-</u>	2020329417
2020329081	<u>H02K 7 /-</u>	2020325362	<u>H04W 56 /-</u>
2020334044	2019464161	<u>H04L 67 /-</u>	2020334705
2020344819	<u>H02M 3 /-</u>	2020325362	2020397983
2020346306	2020327435	<u>H04L 9 /-</u>	<u>H04W 72 /-</u>
<u>H01Q 3 /-</u>	<u>H02M 7 /-</u>	2020336161	2019460320
2020329081	2020327435	2020343666	2020334044
2020361695	<u>H02S 20 /-</u>	2020348194	<u>H04W 76 /-</u>
2020364169	2020339851	2020352489	2019472833
<u>H01Q 7 /-</u>	2020358124	2020353720	<u>H04W 8 /-</u>
2020344819	2020359293	<u>H04N 19 /-</u>	2020331910
2020346306	<u>H02S 30 /-</u>	2020335790	<u>H04W 84 /-</u>
<u>H01R 13 /-</u>	2020358124	2020341422	2020354700
2020348701	<u>H02S 40 /-</u>	2020342180	<u>H04W 88 /-</u>
<u>H01S 3 /-</u>	2020338480	2020347030	2020334705
2020355121	2020358124	2021219750	<u>H04W 92 /-</u>
<u>H02G 1 /-</u>	<u>H02S 50 /-</u>	<u>H04N 5 /-</u>	2020334705
2020379558	2020338480	2020380505	<u>H05B 1 /-</u>
<u>H02G 3 /-</u>	<u>H03F 19 /-</u>	<u>H04R 27 /-</u>	2020381923
2020379558	2020347099	2020329905	<u>H05B 45 /-</u>
<u>H02H 9 /-</u>	<u>H03F 7 /-</u>	<u>H04R 29 /-</u>	2020346050
2020359424	2020347099	2020329905	2020352438
<u>H02J 13 /-</u>	<u>H03M 13 /-</u>	<u>H04R 3 /-</u>	<u>H05B 47 /-</u>
2020347273	2020374241	2020329905	2020346050
<u>H02J 3 /-</u>	<u>H04B 3 /-</u>	<u>H04S 7 /-</u>	<u>H05K 9 /-</u>
2020338480	2020340970	2020352489	2020351296
2020345819	<u>H04B 5 /-</u>	<u>H04W 12 /-</u>	
2020347273	2020344819	<u>H04W 16 /-</u>	
<u>H02J 5 /-</u>	2020346306	2020334044	
2020346884	<u>H04H 40 /-</u>	<u>H04W 24 /-</u>	
<u>H02J 50 /-</u>	2020357748	2020334044	
2020346884	<u>H04L 1 /-</u>	<u>H04W 28 /-</u>	
<u>H02J 7 /-</u>	2019460320		
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C08G 81/00 (2006.01)
C08J 3/05 (2006.01)
C08L 101/00 (2006.01)
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A61K 31/506 (2006.01)
A61P 29/00 (2006.01)
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A01N 43/82 (2006.01)
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C07D 271/06 (2006.01)
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B01D 61/24 (2006.01)
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B60C 7/18 (2006.01)
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B60C 7/14 (2006.01)
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A61K 35/745 (2015.01)
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A61P 35/00 (2006.01)
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A61K 31/192 (2006.01)
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B01D 11/02 (2006.01)
C07C 51/43 (2006.01)
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A24F 47/00 (2020.01)
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B02C 21/02 (2006.01)
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B66C 3/00 (2006.01)
B65D 88/00 (2006.01)
B66C 7/00 (2006.01)
B66C 13/48 (2006.01)
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H02J 15/00 (2006.01)

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2016252207	IFP Energies Nouvelles	2017207844	SharkNinja Operating LLC
2016252737	Consejo Nacional de Investigaciones Cientificas y Técnicas; Fundación Sales; Inis Biotech LLC	2017208980	Ulthera, Inc.
2016253569	FERAL PTY LTD	2017209441	Cytec Industries Inc.
2016256911	Agenus Inc.; Ludwig Institute for Cancer Research Ltd.; Memorial Sloan-Kettering Cancer Center	2017214246	Janssen Sciences Ireland UC
2016257150	Benitec IP Holdings Inc.	2017218535	Sterling IP Limited
2016265929	University of Maryland Baltimore County	2017218768	The University of Chicago; Janssen Pharmaceuticals, Inc.
2016269434	Linde Aktiengesellschaft	2017220492	Karim, K.; Cunningham, I.; Lopez Maurino, S.
2016272477	Saisei Pharma Co., Ltd.	2017222389	ARTEMIS INTELLIGENT POWER LIMITED
2016274571	Axiomx, Inc.	2017223158	nChain Holdings Limited
2016278588	VAXIMM AG	2017225236	Faron Pharmaceuticals Oy
2016281718	Dana-Farber Cancer Institute, Inc.	2017225669	Airborne Systems NA Inc.
2016297673	Cresstec RAC IP Pty. Ltd.	2017225767	Wilt, R.; Faustini, L.
2016299166	Innate Pharma	2017227070	Emplicure AB
2016304201	Laboratori Derivati Organici SpA	2017227071	Emplicure Ab
2016306451	Stem Arts Projects, LLC	2017229154	Nissin Dental Products Inc
2016313082	Collectis	2017229496	Cardionomic, Inc.
2016315378	Brita GmbH	2017230719	etectRx, Inc.
2016318762	INSERM (Institut National de la Sante et de la Recherche Medicale); Universite de Nantes; Centre Hospitalier Universitaire de Nantes	2017231675	Fresenius Medical Care Holdings, Inc.
2016319184	OP2 Drugs; Centre Hospitalier Universitaire de Bordeaux; INSERM (Institut National de la Sante et de la Recherche Medicale); Universite de Bordeaux	2017232343	Lucira Health, Inc.
2016320505	GW Research Limited	2017232906	H. Lee Moffitt Cancer Center & Research Institute, Inc.
2016326117	Delaval Holding AB	2017234315	Fisher & Paykel Healthcare Limited
2016333538	Julius-Maximilians-Universität Würzburg	2017235170	De'Longhi Appliances Srl
2016333540	Julius-Maximilians-Universität Würzburg	2017235943	Welch Allyn, Inc.
2016334804	University of Southampton	2017236177	AB Science
2016340035	Bluescope Steel Limited	2017237254	PPC Broadband, Inc.
2016340814	LEIDOS SECURITY DETECTION & AUTOMATION, INC.	2017240667	Kite Pharma, Inc.
2016340965	Southern Mills, Inc.	2017241626	Gallant Pet, Inc.
2016348910	Povey, D.	2017243171	De La Rue International Limited
2016350868	Zoetis Services LLC	2017244245	Samsung Electronics Co., Ltd.
2016362988	Hubbell Incorporated	2017249204	AgJunction LLC
2016363483	Electrolux Appliances Aktiebolag	2017250409	Kvermeland Group Ravenna S.r.l.
2016368586	Kimberly-Clark Worldwide, Inc.	2017251628	Eaton Intelligent Power Limited
2016369061	PGS Geophysical AS	2017252180	Caterpillar Inc.
2016374142	BASF SE	2017254462	Lamb Weston, Inc.
2016374651	Envirostream Solutions Pty Ltd	2017255212	Singapore Health Services Pte. Ltd.
2016374658	Commonwealth Scientific and Industrial Research Organisation	2017257189	Icahn School of Medicine at Mount Sinai
		2017257403	OncoRes Medical Pty Ltd
		2017257429	ArcelorMittal
		2017258745	The United States of America, as represented by The Secretary, Department of Health and Human Services
		2017259115	Corteva Agriscience LLC
		2017261845	Ramtaps Pty Ltd; Rogers Seller & Myhill Pty Ltd
		2017264695	Magic Leap, Inc.
		2017267983	Magic Leap, Inc.
		2017274293	CymaBay Therapeutics, Inc.
		2017274370	Elbex Video Ltd.

Applications Accepted - Numerical Index cont'd

2017275632	Sanofi-Aventis Deutschland GmbH	2018210857	GEWA music GmbH
2017276130	ENGIE Electroproject B.V.	2018215615	Stora Enso Oyj; University of Maine System Board of Trustees
2017276835	Clementia Pharmaceuticals Inc.	2018216588	Samsung Electronics Co., Ltd.
2017277222	Clariant International Ltd	2018219861	Ovid Therapeutics Inc.
2017280086	Hickory Design Pty Ltd	2018221306	Conductix Wampfler France
2017281829	OptaSense Holdings Limited	2018222093	RQx Pharmaceuticals, Inc.; Genentech, Inc.
2017285257	Power-Blox Ag	2018224359	Domainex Limited
2017285429	Virsec Systems, Inc.	2018224970	Samsung Electronics Co., Ltd.
2017286238	Alstom Transport Technologies	2018230978	Halliburton Energy Services, Inc.
2017286768	Sanlorenzo S.p.A.	2018233423	Panzer Glass A/S
2017291131	Magic Leap, Inc.	2018235123	Kerquest
2017295675	Medtronic Vascular Inc.	2018236242	Sentry Equipment Corporation
2017297512	Tate & Lyle Ingredients Americas LLC	2018236272	Silverback Therapeutics, Inc.
2017298481	Edwards Lifesciences Corporation	2018244596	Alio, Inc.
2017299584	Shifamed Holdings, LLC	2018249537	FMC Corporation
2017302958	Sony Corporation	2018252163	WLI Trading Limited
2017303944	The Fourth Military Medical University; Shanghai Gene-Chem Co., Ltd.	2018252251	Cancer Research Technology Limited
2017306411	ScentBridge Holdings, LLC	2018254425	Sunfolding, Inc.
2017307431	Plumettaz Holding S.A.	2018258000	Oxford University Innovation Limited
2017311447	BASF SE	2018258679	Magic Leap, Inc.
2017317018	ViaSat, Inc.	2018272848	Rutgers, The State University of New Jersey
2017320471	Vulco S.A.	2018277826	Darren Saravis
2017320472	Vulco S.A.	2018278809	Pfizer Inc.; Boston Medical Center Corporation
2017324612	Continuous Composites Inc.	2018289864	CStone Pharmaceuticals; CStone Pharmaceuticals (Suzhou) Co., Ltd.; CStone Pharmaceuticals (Shanghai) Co., Ltd.
2017327678	Dentsply IH AB	2018298733	Shionogi & Co., Ltd.
2017329346	Casale SA	2018301534	Genecast Co., Ltd.
2017331495	Subsea 7 Limited	2018303782	Hovione Scientia Limited
2017336603	Rapid Medical Ltd.	2018304502	Janssen Vaccines & Prevention B.V.
2017336823	Panasonic Intellectual Property Corporation of America	2018306411	Lemonex Inc.
2017337431	Kirin Holdings Kabushiki Kaisha	2018309043	Vertex Pharmaceuticals Incorporated
2017340144	Qualcomm Incorporated	2018326106	Immunemed Inc.
2017340603	Elidah, Inc.	2018330181	Composecure, LLC
2017342931	United States Gypsum Company	2018335012	Mack Rides GmbH & Co. KG
2017346974	Socpra Sciences et Génie S.E.C.	2018339658	Magic Leap, Inc.
2017350760	Paracelsus Neuroscience I, Llc	2018365160	Balanced Body, Inc.
2017355176	Syngenta Participations AG	2018382619	Universitetet i Tromsø - Norges arktiske universitet
2017356952	OpenTV, Inc.	2018385224	Inventio AG
2017357400	Medartis Holding AG	2018421974	Telefonaktiebolaget LM Ericsson (publ)
2017359300	PepsiCo, Inc.	2018424238	Dexlevo Inc.
2017362328	Vanderbilt University	2018425043	CARBOEXPERT INC.
2017363511	Illumina, Inc.	2018426934	Essity Hygiene and Health Aktiebolag
2017366572	Crown Equipment Corporation	2018429852	Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.
2017367872	Arvinas, Inc.	2019202617	Schenck Process Australia Pty Limited
2017373632	Insolight SA	2019207029	Huawei Technologies Co., Ltd.
2017373819	OSE Immunotherapeutics	2019211984	WALTER Maschinenbau GmbH
2017373962	Molecular Templates, Inc.	2019214500	CMR Surgical Limited
2017376817	Beta Therapeutics Pty Ltd	2019221267	CJ Cheiljedang Corporation
2017378487	The Regents of the University of California	2019222748	Qualcomm Incorporated
2017378819	The Boeing Company; FemtoMetrix, Inc.	2019227715	AP Biosciences, Inc.
2017379785	Intergraph Corporation	2019231552	W.L. Gore & Associates, Inc.
2017379873	GEWA music GmbH	2019231688	Illumina Cambridge Limited; Illumina, Inc.
2017380526	Nattaro Labs AB	2019235471	GrainSense Oy
2017382443	ASEPTISCOPE, INC.	2019236214	Pitco Frialator, Inc.
2017382889	Magic Leap, Inc.	2019239493	LG Electronics Inc.
2017383035	Cryovac, LLC	2019239619	Illumina, Inc.
2017384272	BSN medical GmbH	2019242214	The Gillette Company LLC
2017388300	Minoryx Therapeutics S.L.	2019242215	The Gillette Company LLC
2017389025	Sharp Kabushiki Kaisha; FG Innovation Company Limited	2019245782	Gustav Pirazzi & Comp. GmbH & Co. KG
2017392966	UPL LTD	2019247240	B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.
2017394781	Kamen, R.	2019251001	Lummus Technology LLC
2017402614	Rosenberg, J.	2019253784	Indian Oil Corporation Limited
2017443666	Husmann Corporation	2019254365	Packable B.V.
2018205358	Bluebeam, Inc.	2019255005	Komatsu Ltd.
2018205713	Guardian Glass, LLC	2019256303	Wing Aviation LLC
2018206204	The Charles Machine Works, Inc.	2019257162	Qualcomm Incorporated
2018206296	CCm Technologies Limited	2019257279	Becton Dickinson and Company Limited
2018208577	Bostik, Inc.	2019264073	Kyungpook National University Industry-Academic Cooperation Foundation
2018208908	Guangdong OPPO Mobile Telecommunications Corp., Ltd.		
2018209577	Chia Tai Tianqing Pharmaceutical Group Co., Ltd.		

Applications Accepted - Numerical Index cont'd

2019267042	Genome & Co	2020200861	Dolby Laboratories Licensing Corporation
2019269459	thyssenkrupp Industrial Solutions AG; thyssenkrupp AG	2020200892	Regeneron Pharmaceuticals, Inc.
2019271672	Chong Kun Dang Pharmaceutical Corp.	2020201323	IGM BIOSCIENCES, INC
2019271972	GlaxoSmithKline Biologicals s.a.	2020201428	Fisher & Paykel Healthcare Limited
2019273832	Novartis AG	2020201501	Jusand Nominees Pty Ltd
2019280013	Kyushu University, National University Corporation	2020201633	Omeros Corporation; University of Leicester
2019283931	Robert Bosch Limitada	2020201757	Opex Corporation
2019283961	Sarepta Therapeutics, Inc.	2020201870	Edwards Lifesciences Corporation
2019284031	Janssen Pharmaceutica NV	2020201964	Snap-on Incorporated
2019284804	Rheinmetall Landssysteme GmbH	2020201993	The Rockefeller University; California Institute of Technology
2019291371	BSH Hausgeräte GmbH	2020202201	Fisher & Paykel Healthcare Limited
2019293046	Nokia Solutions and Networks Oy	2020202231	Ocado Innovation Limited
2019294573	REJUVENATE BIOMED	2020202299	Equinox Ophthalmic, Inc.
2019295892	Inventio AG	2020202563	FRACTYL HEALTH, INC.
2019298976	Origin Point Brands, LLC	2020202687	Amgen Inc.
2019301692	InnovaTech, LLC	2020202950	MDT Innovations Sdn Bhd
2019301946	GlaxoSmithKline Intellectual Property Development Limited; Fimbrion Therapeutics, Inc.	2020203124	Zhang, D.
2019305138	3M Innovative Properties Company	2020203213	The John Hopkins University; Kala Pharmaceuticals, Inc
2019306500	GACW Incorporated	2020203358	University of Washington
2019306541	Amazon Technologies Inc.	2020203449	CareFusion 303, Inc.
2019310889	Faes Farma, S.A.	2020203459	OPKO Biologics Ltd.
2019312830	Nicoventures Trading Limited	2020203833	Board of Regents, The University of Texas System; Cottingham, LLC
2019312835	Nicoventures Trading Limited	2020203871	Mallinckrodt Hospital Products IP Limited
2019313410	SEW-EURODRIVE GmbH & Co. KG	2020203880	Vasopharm GmbH
2019314679	Nicoventures Trading Limited	2020203937	Key-Pharma Biomedical Inc.; Tan, W.
2019314890	Nicoventures Trading Limited	2020203947	Amenity Health, Inc.
2019314893	Nicoventures Trading Limited	2020204012	BASF Agrochemical Products B.V.
2019316855	China Mobile Communication Co., Ltd Research Institute; China Mobile Communications Group Co., Ltd.	2020204322	BLUESCOPE STEEL LIMITED
2019322840	The Regents Of The University Of California	2020204496	The Research Foundation for The State University of New York
2019323492	Pujing Chemical Industry Co., Ltd	2020204650	Urschel Laboratories, Inc.
2019324215	Komatsu Ltd.; Nippon Steel Corporation	2020207521	Unilever Global IP Limited
2019325988	BAKER HUGHES HOLDINGS LLC	2020207782	BLUESCOPE STEEL LIMITED
2019332755	Veolia Water Solutions & Technologies Support	2020207832	Conair Corporation
2019337572	Citrix Systems, Inc.	2020210239	Equifax Inc.
2019338379	Steris Instrument Management Services, Inc.	2020210309	Illumina, Inc.
2019338745	NEC Platforms, Ltd.	2020213362	White Swell Medical Ltd
2019345328	Baker Hughes Holdings LLC	2020213410	Implantica Patent Ltd
2019348132	Medshine Discovery Inc.	2020213414	University of Maryland, Baltimore
2019348266	Siemens Aktiengesellschaft	2020213434	University of Southern Queensland
2019351689	Zebra Technologies Corporation	2020217343	OK Biotech Co. Ltd.
2019352495	Qwave AS	2020217384	The Nielsen Company (US), LLC
2019356344	Nippon Telegraph and Telephone Corporation	2020217447	Insulet Corporation
2019356445	Citrix Systems, Inc.	2020223652	LG ELECTRONICS INC.
2019362083	ConMed Corporation	2020230283	The Government of the United States of America as represented by the Secretary of the Department of Health and Human Services; The Washington University
2019362414	Nicoventures Trading Limited	2020230298	Becton, Dickinson and Company
2019363621	Buffalo Filter LLC	2020239776	Gen-Probe Incorporated
2019363806	Oxford BioDynamics PLC	2020239792	Implantica Patent Ltd
2019366018	HotaluX, Ltd.	2020239820	Nicira, Inc.
2019369301	salesforce.com, inc.	2020239823	BASF Agrochemical Products B.V.
2019373677	AiCuris GmbH & Co. KG	2020244376	The Trustees of the University of Pennsylvania
2019374707	Lexmark International, Inc.	2020244545	Advanced New Technologies Co., Ltd.
2019376655	Citrix Systems, Inc.	2020250324	Implantica Patent Ltd
2019376764	Shandong Food Ferment Industry Research & Design Institute	2020251026	Genergo S.r.l.
2019379504	Innovative Building Technologies, LLC	2020256349	CV Sciences, Inc.
2019385328	Sazy, J.A.	2020256446	Implantica Patent Ltd
2019389369	RKW SE	2020257055	Gilead Sciences, Inc.
2019392645	West, T.J.	2020260510	BISSELL Inc.
2019394546	LG Electronics Inc.	2020262262	American Sterilizer Company
2019402047	Enlighted, Inc.	2020267284	Janssen Biotech, Inc.
2019402945	Citrix Systems, Inc.	2020270496	Dexcom, Inc.
2019411145	Arkema France	2020270512	Gerresheimer Glass Inc.
2019418187	Cellapeutics Bio	2020281163	Halliburton Energy Services, Inc.
2019423994	Noris Medical Ltd.	2020286244	Wright Medical Technology, Inc.
2020200037	Wilson Wolf Manufacturing Corporation	2020286337	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI
2020200256	The Jackson Laboratory		
2020200323	Nationwide Children's Hospital, Inc.		
2020200423	Takeda Pharmaceutical Company Limited		
2020200777	Blue Belt Technologies, Inc.		
2020200780	JAG Mayer Pty Ltd		

Applications Accepted - Numerical Index cont'd

2020289781 China University of Mining and Technology; Jiangsu
Tianming Machinery Group Co., Ltd.

2020289790 X Development LLC

2020293031 Nectar Health Sciences Inc.

2020294220 SenseTime International Pte. Ltd.

2020294317 NTT DOCOMO, INC.

2020294444 Citrix Systems, Inc.

2020323951 Dalian University of Technology

2021200179 W. L. Gore & Associates, Inc.

2021200251 SPEX Corporate Holdings Limited

2021200443 Norton (Waterford) Limited

2021200615 Altria Client Services LLC

2021200725 Block, Inc.

2021201081 Enlighted, Inc.

2021201106 Immatix Biotechnologies GmbH

2021201595 The Cawthron Institute Trust Board

2021201635 Australian Engineered Solutions Pty Ltd

2021201677 Norotos, Inc.; Soto, R.; Prendergast, J.

2021202129 Alarm.com Incorporated

2021202370 Kustom Signals, Inc.

2021202438 Vectracor, Inc.

2021203652 CareFusion 303, Inc.

2021204749 Sciwind Biosciences Co., Ltd.

2021209151 ResMed Pty Ltd

2021215292 L.S.C. Electronics Pty Ltd

2021236559 Seamill Aus Pty Ltd

2021238498 HALL RB Pty Ltd

2021273599 Specialty Fitness Systems, LLC

2021273605 Commonwealth Scientific and Industrial Research Or-
ganisation

2022201369 Apple Inc.

IPC Index

A01B 45 /-	A01N 41 /-	2019267042 2020293031	2017443666	2020203871 2020270496 2021202438	2016257150 2016304201 2016313082 2016319184 2016320505 2016350868 2016393213 2017214246 2017232906 2017236177 2017257189 2017274293 2017276835 2017350760 2017362328 2017367872 2017376817 2017388300 2018209577 2018219861 2018222093 2018224359 2018236272 2018252251 2018289864 2018298733 2018303782 2018306411 2018425043 2019264073 2019271672 2019283961 2019294573 2019301946 2019310889 2019348132 2019373677 2020203880 2020203937 2020204496 2020256349 2020257055 2020293031
2020213434	2017355176	A24B 15 /-	2016348910	A61B 6 /-	
A01B 69 /-	A01N 43 /-	2019312830 2019312835 2019314679 2019314890 2019314893	A47G 19 /-	2017220492 2018244596	
2017249204	2017277222 2017311447 2017355176	A24B 3 /-	2016348910	A61B 7 /-	
A01B 79 /-	2018249537 2020203833 2020239823	2017207844 2017235170	A47J 31 /-	2017382443	
2020213434	2020239823	2019312830 2019314893	2017207844 2017235170	A61B 90 /-	
A01C 23 /-	A01N 47 /-	2019312830 2019314893	A47J 37 /-	2019362083 2020262262	
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A01D 89 /-	A01N 51 /-	2019362414	A47J 47 /-	2019423994	
2017250409	2020239823	A24F 47 /-	2019392645	A61F 13 /-	
A01F 15 /-	A01N 53 /-	2017227070 2017227071 2019312830 2019312835 2019314679 2019314890 2019314893 2021200615	A47L 9 /-	2018426934 2019389369	
2017250409	2017392966 2020239823	A42B 1 /-	2020260510	A61F 2 /-	
A01G 25 /-	A01P 13 /-	2021201677	A61B 1 /-	2017255212 2017298481 2017336603 2017357400 2019385328 2020201870 2020213410 2020239792 2020250324 2020256446	
2020213434	2017311447 2017355176	A42B 3 /-	A61B 10 /-	A61F 5 /-	
A01K 29 /-	A01P 19 /-	2021201677	2017299584	2020239792 2020250324	
2019283931	2017380526	A45D 1 /-	A61B 17 /-	A61F 9 /-	
A01K 67 /-	A01P 3 /-	2020207832	2017357400 2019214500 2019362083 2019363621 2019385328 2019423994 2020200777 2020213362 2020213410 2020213414 2020262262 2020286244	2016405579 2020202299 2021200179	A61K 35 /-
2016250112 2016265929 2021201595	2017355176	A45D 6 /-	A61B 18 /-	A61G 7 /-	2016216149 2016252737 2016272477 2016313082 2017303944 2019267042 2019418187 2020204496
A01M 1 /-	A01P 7 /-	2020207832	2017299584 2019362083 2019363621 2020202563	2020203947	
2017380526	2017355176 2017392966 2020239823	A46B 13 /-	A61B 3 /-	A61H 35 /-	
A01M 7 /-	A23C 21 /-	2016326117	2017235943 2017264695	2020202299	
2020213434	2016272477	A46B 15 /-	A61B 34 /-	A61J 1 /-	
A01N 1 /-	A23C 9 /-	2016326117	2019214500	2017394781 2019257279 2020202687	A61K 38 /-
2017241626	2016272477 2017297512	A46B 9 /-	A61B 5 /-	A61J 9 /-	2016252737 2016272477 2017205185 2017218768 2017225236 2017373962 2018278809 2018326106
A01N 25 /-	A23K 10 /-	2016326117	2017202068 2017230719 2017257403 2018244596	2020200780	
2017277222 2017311447 2017355176 2020203833 2020204012	2019267042	A47C 20 /-	A47F 11 /-	A61K 31 /-	
A01N 33 /-	A23L 2 /-	2020203947	2017443666	2015373071	
2017362328	2016272477 2017337431 2017359300	A47F 3 /-			
A01N 35 /-	A23L 29 /-	2020203947			
2017380526	2016272477 2017297512				
A01N 37 /-	A23L 33 /-				
2017380526 2020204012 2020239823	2016272477 2017297512				
	2018425043				

Applications Accepted - IPC Index cont'd

2019227715	2017306411	<u>A61P 15/-</u>	2018252251	2017231675	<u>B23K 7/-</u>
2020203459			2018289864	2019332755	
2020267284	<u>A61M 1/-</u>	2020203937	2018306411		2021200251
2021201106			2019227715	<u>B01D 63/-</u>	<u>B23Q 17/-</u>
2021204749	2017231675	<u>A61P 17/-</u>	2019267042		
	2020213362		2019271672	2017231675	2019211984
<u>A61K 39/-</u>		2016272477	2019348132		
	<u>A61M 13/-</u>	<u>A61P 19/-</u>	2020257055	<u>B01D 65/-</u>	<u>B24B 51/-</u>
2016243026				2019332755	2019211984
2016278588	2020201428	<u>A61P 37/-</u>			
2017205185		2017205693	2016252737	<u>B01F 23/-</u>	<u>B24D 13/-</u>
2017214246	<u>A61M 15/-</u>	2017276835	2016272477		
2017218535		2020200423	2017346974	2017200351	2016421095
2017218768	2017227070		2017373819	<u>B01J 20/-</u>	<u>B24D 5/-</u>
2017346974	2017227071	<u>A61P 21/-</u>	2018224359		
2018304502	2021200443		2018425043	2019322840	2016421095
2018326106	2021200615	2019283961	2020200423	2019411145	
2019227715	<u>A61M 16/-</u>	2019294573			
2019271972		<u>A61P 25/-</u>	<u>A61P 39/-</u>	<u>B01J 21/-</u>	<u>B24D 7/-</u>
2020200423	2017234315				
2020200892	2020202201	2016319184	2016319184	2019323492	2016421095
2020201633	2020203871	2016320505			
2020201993	2021209151	2017236177	<u>A61P 43/-</u>	<u>B01J 23/-</u>	<u>B26B 21/-</u>
2021201106		2017350760			
<u>A61K 45/-</u>	<u>A61M 25/-</u>	2019264073	2017388300	2019323492	2019242214
		2019418187	2018298733		2019242215
2019294573	2017295675	2020203880	<u>A61P 7/-</u>	<u>B01L 3/-</u>	<u>B26B 29/-</u>
	2017336603	2020203937			
<u>A61K 47/-</u>	2020202563	<u>A61P 27/-</u>	2020201633	2019235471	2019392645
	2020213362			2020210309	
2015373071	<u>A61M 29/-</u>	2016319184	<u>A61P 9/-</u>	2020239776	<u>B26D 1/-</u>
2016350868		2017205185			
2017205693	2020202563	2017376817	2016319184	<u>B02C 21/-</u>	2020204650
2019227715		2020201633	2018298733		
2020203213	<u>A61M 3/-</u>	<u>A61P 29/-</u>	2020203880	2019269459	<u>B26D 3/-</u>
2020203880			2020203937		
2021204749	2017327678	2018224359	<u>A61Q 19/-</u>	<u>B03D 1/-</u>	2020204650
<u>A61K 48/-</u>	<u>A61M 36/-</u>	2019310889			
		2020200423	2016304201	2017320472	<u>B26D 7/-</u>
2015373071	2017394781	2020257055	2018326106	<u>B04C 5/-</u>	2019392645
2017240667		<u>A61P 3/-</u>	<u>A62B 9/-</u>		2020204650
2020200323	<u>A61M 39/-</u>			2017320471	<u>B27K 5/-</u>
2020203358		2016272477	2020202201	2017320472	
<u>A61K 8/-</u>	2020202687	2017276835		<u>B05B 11/-</u>	2018215615
	2021203652	2017376817	<u>A63B 21/-</u>		
2016304201	<u>A61M 5/-</u>	2017388300		2020200780	<u>B27M 3/-</u>
2018326106		2018298733	2018365160	<u>B05B 12/-</u>	2021201635
<u>A61K 9/-</u>	2017275632	2019294573	2021273599		
	2019231552	2020203937	<u>A63F 11/-</u>	2017306411	<u>B27N 1/-</u>
2016350868	2019257279	2021204749			
2017225236	2019273832	<u>A61P 31/-</u>	2016231553	<u>B05B 13/-</u>	2018215615
2017257189	2020202687				
2018306411	2020217447	2016257150	<u>B01D 11/-</u>	2016374658	<u>B29B 11/-</u>
2020203213	2021203652	2016272477			
2020203459	<u>A61N 1/-</u>	2017214246	2016375878	<u>B05D 5/-</u>	2017209441
2020203880		2017218768	2020293031		
2020230298	2017202068	2017346974	<u>B01D 35/-</u>	2017443666	<u>B29C 48/-</u>
2020256349	2017229496	2018222093			
<u>A61L 15/-</u>	2017340603	2019301946	2016315378	2017443666	2017324612
	2020250324	2019373677	2017231675	<u>B05B 13/-</u>	<u>B29C 70/-</u>
2017384272	<u>A61P 1/-</u>	2020201993			
<u>A61L 27/-</u>		<u>A61P 35/-</u>	<u>B01D 53/-</u>	<u>B06B 1/-</u>	2017209441
	2017274293				
2016350868	2018209577	2016272477	2017329346	2017208980	<u>B31B 50/-</u>
2018424238	<u>A61P 11/-</u>	2016319184	2019411145	<u>B07C 5/-</u>	2019254365
<u>A61L 9/-</u>		2017303944	2020286337		
	2018303782	2017376817	<u>B01D 61/-</u>	2017254462	<u>B32B 15/-</u>
		2018224359			

Applications Accepted - IPC Index cont'd

2016406797		2020289781		<u>C07D 231 /-</u>	<u>C07D 413 /-</u>
<u>B32B 27 /-</u>	<u>B61L 27 /-</u>		<u>C03B 40 /-</u>		
	2017286238	<u>B65G 43 /-</u>	2020270512	2017276835	2017232906
2016406797		2016362988		2018209577	2017376817
2018208577	<u>B62D 11 /-</u>	2019348266	<u>C03C 17 /-</u>	<u>C07D 233 /-</u>	2018289864
2019389369					2020257055
	2019269459	<u>B65G 57 /-</u>	2018205713	2018209577	<u>C07D 417 /-</u>
<u>B32B 29 /-</u>	<u>B62D 55 /-</u>	2016250112	<u>C04B 38 /-</u>	<u>C07D 239 /-</u>	2017376817
2016406797		2019269459	2017342931	2017376817	2017388300
	2019324215	2019202617	<u>C04B 40 /-</u>	<u>C07D 245 /-</u>	2018249537
<u>B32B 37 /-</u>	<u>B63B 29 /-</u>	<u>B65G 69 /-</u>	2017342931	2018222093	2020257055
2016406797		<u>B65H 29 /-</u>			<u>C07D 453 /-</u>
<u>B32B 5 /-</u>	2017286768	2017382443	<u>C05C 3 /-</u>	<u>C07D 249 /-</u>	2020293031
		2018221306	2018206296	2019264073	<u>C07D 471 /-</u>
2016406797	<u>B63B 3 /-</u>	<u>B65H 75 /-</u>	<u>C05F 11 /-</u>	<u>C07D 261 /-</u>	2017367872
2019389369					2018249537
	2017286768	2018221306	2018206296	2018209577	2018298733
<u>B32B 7 /-</u>	<u>B64C 39 /-</u>	<u>B66B 19 /-</u>			2019310889
	2019256303	2018385224	<u>C07C 211 /-</u>	<u>C07D 263 /-</u>	2019348132
2016406797					2019373677
<u>B42D 25 /-</u>	<u>B64D 1 /-</u>	<u>B66B 5 /-</u>	2020293031	2018209577	2020257055
	2019256303	2019295892	<u>C07C 217 /-</u>	<u>C07D 271 /-</u>	<u>C07D 487 /-</u>
<u>B60B 33 /-</u>	<u>B64D 17 /-</u>				
2020201964		<u>B66C 1 /-</u>	2018303782	2018209577	2017276835
	2017225669	2019256303	<u>C07C 229 /-</u>	2018249537	2018249537
<u>B60B 9 /-</u>	<u>B64F 1 /-</u>	2019301692		<u>C07D 277 /-</u>	2018252251
			2018219861		2020293031
2019306500	2019366018	<u>B66C 13 /-</u>	<u>C07C 233 /-</u>	2018209577	<u>C07D 491 /-</u>
<u>B60C 11 /-</u>	<u>B65B 53 /-</u>	2020203124		<u>C07D 295 /-</u>	2018298733
		<u>B66C 3 /-</u>	2017350760	2020293031	2019348132
2019306500	2017383035		<u>C07C 51 /-</u>		<u>C07D 495 /-</u>
<u>B60C 7 /-</u>	<u>B65B 7 /-</u>	2020203124		<u>C07D 309 /-</u>	2020257055
		<u>B66C 7 /-</u>	2020293031	2019301946	
2019306500	2018208577		<u>C07C 65 /-</u>		<u>C07D 498 /-</u>
<u>B60G 3 /-</u>	<u>B65D 19 /-</u>	2020203124		<u>C07D 311 /-</u>	2018249537
		<u>B66F 7 /-</u>	2020293031		
2020201964	2016250112		<u>C07C 67 /-</u>	2018289864	<u>C07H 21 /-</u>
<u>B60H 1 /-</u>	<u>B65D 23 /-</u>	2020203124		<u>C07D 401 /-</u>	
		<u>B66F 9 /-</u>	2019323492		2016257150
2019284804	2016348910		<u>C07C 69 /-</u>	2017232906	2018272848
<u>B60K 17 /-</u>	<u>B65D 5 /-</u>	2019301692		2017376817	2020203358
		2019323492	2019323492	2017388300	
2017252180	2019254365	<u>C01B 21 /-</u>	2020207521	2018224359	<u>C07K 1 /-</u>
<u>B60P 1 /-</u>	<u>B65D 83 /-</u>	2017329346	<u>C07D 207 /-</u>	2020257055	2020203459
					2021204749
2020217343	2017382443	<u>C01C 1 /-</u>	2018309043	2017376817	<u>C07K 14 /-</u>
<u>B60R 21 /-</u>	2020200780	2017329346	<u>C07D 211 /-</u>	2018236272	
					2016240211
2018335012	<u>B65D 88 /-</u>	<u>C02F 1 /-</u>	2017232906	<u>C07D 405 /-</u>	2016313082
<u>B60R 22 /-</u>	2020203124				2017205185
		2016315378	<u>C07D 213 /-</u>	2017232906	2017218535
2018335012	<u>B65G 1 /-</u>	2019332755		2017376817	2017218768
<u>B60R 5 /-</u>			2017276835	2017388300	2017240667
	2016250112	<u>C02F 3 /-</u>	2020293031	2020257055	2017257189
2020217343	2020201757	2016374651	<u>C07D 217 /-</u>	<u>C07D 409 /-</u>	2017258745
	2020202231				2017259115
<u>B61L 19 /-</u>	<u>B65G 23 /-</u>	<u>C03B 35 /-</u>	2017388300	2017378487	2017346974
				2020257055	2017373962
2017286238	2019348266	2020270512			2018258000
					2018278809

Applications Accepted - IPC Index cont'd

2018304502	2021238498	2020200323	<u>C23C 2 /-</u>	<u>E04B 5 /-</u>	2021200251
2019227715		2020203358			
2019271972	<u>C09K 8 /-</u>		2017257429	2016340035	<u>E21B 33 /-</u>
2019280013		<u>C12N 5 /-</u>			
2019284031	2019345328		<u>C23C 24 /-</u>	<u>E04B 9 /-</u>	2016396040
2020201323	2020281163	2016216149			2020281163
2020203358		2016299166	2016374658	2016244221	2021200251
2020203459	<u>C10B 27 /-</u>	2016318762			
2020230283		2017303944	<u>C23C 4 /-</u>	<u>E04C 2 /-</u>	<u>E21B 37 /-</u>
2020244376	2015410062	2019418187			
2020267284			2016374658	2016226619	2019345328
2021201106	<u>C10B 47 /-</u>	<u>C12N 7 /-</u>	<u>D02G 3 /-</u>	<u>E04C 3 /-</u>	<u>E21B 41 /-</u>
2021204749					
	2015410062	2016209471	2016340965	2016340035	2019345328
<u>C07K 16 /-</u>	<u>C10B 53 /-</u>	<u>C12N 9 /-</u>	<u>D03D 1 /-</u>	<u>E04C 5 /-</u>	<u>E21B 43 /-</u>
2016216149	2015410062	2016211118	2016340965	2017280086	2018230978
2016256911		2016211161			2019352495
2016274571	<u>C10G 11 /-</u>	2016252207	<u>D04H 1 /-</u>	<u>E04D 13 /-</u>	2021200251
2016313082		2017378487			
2017205185	2019251001	2018301534	2016368586	2016226619	<u>E21B 44 /-</u>
2017218535		2018382619		2020204322	
2017303944	<u>C10G 7 /-</u>	2019221267	<u>D04H 13 /-</u>	2020207782	2017276130
2017373819		2020203459			
2019227715	2019251001		2016368586	<u>E04D 3 /-</u>	<u>E21B 47 /-</u>
2019284031		<u>C12P 13 /-</u>			
2020200892	<u>C11D 1 /-</u>		<u>D06F 33 /-</u>	2020207782	2016422603
2020201323		2019221267			2019325988
2020201633	2020207521		2019239493	<u>E04F 19 /-</u>	2019352495
2020201993		<u>C12P 19 /-</u>	<u>D06F 37 /-</u>	2016226619	<u>E21B 49 /-</u>
2020244376	<u>C12M 1 /-</u>				
	2016306451	2016222788	2019239493	<u>E04G 11 /-</u>	2019352495
<u>C07K 19 /-</u>		2016281718			
	<u>C12M 3 /-</u>	2019376764	<u>D06F 39 /-</u>	2017280086	<u>E21D 20 /-</u>
2017303944				2021236559	
2017346974	2020200037	<u>C12P 7 /-</u>	2019239493	<u>E04G 13 /-</u>	2020201501
			2020223652		
<u>C07K 7 /-</u>	<u>C12N 1 /-</u>	2016225049	<u>E01C 21 /-</u>	2021236559	<u>E21D 21 /-</u>
		2016235802			
2021201106	2016225049		2021238498	<u>E04G 21 /-</u>	2020201501
	2016235802	<u>C12Q 1 /-</u>			
<u>C08G 81 /-</u>	2016252207		2016211132	<u>E04G 21 /-</u>	<u>E21F 5 /-</u>
	2017346974	2016221726	2016221726	2019301692	2017200629
2018424238	2019253784	2016222719			
	2019267042	2016222788	2021238498	<u>E04G 9 /-</u>	<u>F01N 1 /-</u>
<u>C08J 3 /-</u>	2019376764	2016281718			
		2016334804	<u>E02D 19 /-</u>	2021236559	<u>F01N 1 /-</u>
2018424238	<u>C12N 15 /-</u>	2018272848			2017402614
		2018301534	2016226619	<u>E04H 1 /-</u>	<u>F01N 3 /-</u>
<u>C08L 101 /-</u>	2015373071	2018382619			
	2016211118	2019231688	<u>E02D 31 /-</u>	2016340035	<u>F01N 3 /-</u>
2018424238	2016211161	2019239619		2017280086	2020286337
	2016216149	2019280013	2016226619		
<u>C08L 25 /-</u>	2016219470	2019284031		<u>E04H 12 /-</u>	<u>F03B 13 /-</u>
	2016225049	2019363806	<u>E02D 5 /-</u>		
2018215615	2016240211	2020203459		2019298976	2017222389
	2016252207		2019298976		
<u>C08L 97 /-</u>	2016257150	<u>C12R 1 /-</u>	<u>E03B 3 /-</u>	<u>E04H 17 /-</u>	<u>F03D 13 /-</u>
	2016265929				
2018215615	2016274571	2016225049	2019322840	2016253569	2018429852
	2016281718	2016235802		2019298976	
<u>C09D 1 /-</u>	2016281718	2019267042	<u>E03C 1 /-</u>	<u>E05B 63 /-</u>	<u>F03G 3 /-</u>
	2016306451	2019376764			
2017443666	2016334804		2017261845	2015249038	2020203124
	2017259115	<u>C21D 9 /-</u>			
<u>C09D 11 /-</u>	2017303944		<u>E04B 1 /-</u>	<u>E21B 23 /-</u>	<u>F04C 2 /-</u>
	2017346974	2019324215			
2019305138	2018278809		2016226619	2016396040	2020250324
	2019221267	<u>C22C 38 /-</u>	2016340035	2018230978	<u>F15B 1 /-</u>
<u>C09J 7 /-</u>	2019271972		2019379504		
	2019280013	2019324215	<u>E21B 29 /-</u>	2017222389	
2019305138	2019283961				
	2020200256				
<u>C09K 17 /-</u>					

Applications Accepted - IPC Index cont'd

<u>F15B 15 /-</u>		<u>G01G 21 /-</u>	<u>G01S 7 /-</u>		2016405571 2017291131
2018254425	<u>F24C 15 /-</u>	2020230298	2021202370	<u>G06F 17 /-</u>	
	2016363483			2018205358	<u>G06T 17 /-</u>
<u>F15B 7 /-</u>	<u>F24F 1 /-</u>	<u>G01J 3 /-</u>	<u>G01T 1 /-</u>	<u>G06F 21 /-</u>	2017229154 2017291131
2017222389	2016297673	2017378819	2017220492	2017285429	
<u>F16B 13 /-</u>	<u>F24F 11 /-</u>	<u>G01N 1 /-</u>	<u>G01V 1 /-</u>	2021200725	<u>G06T 3 /-</u>
2020201501	2017205123	2017363511	2016369061	<u>G06F 3 /-</u>	2017267983 2020213434
<u>F16D 55 /-</u>	<u>F24F 13 /-</u>	2018236242	2016422603	2017291131	
2017203103	2019284804	2020270496	<u>G01V 3 /-</u>	2017366572	<u>G06T 5 /-</u>
<u>F16D 65 /-</u>	<u>F24F 3 /-</u>	<u>G01N 21 /-</u>	2016422603	2018258679	2020213434
2017203103	2016297673	2017225767	<u>G01V 8 /-</u>	2022201369	
<u>F16H 3 /-</u>	<u>F24F 7 /-</u>	2017232343	2019325988	<u>G06F 8 /-</u>	<u>G06T 7 /-</u>
2017252180	2017205123	2017257403	<u>G02B 13 /-</u>	2019369301	2016405571 2017291131 2019351689 2020289790 2020294220
<u>F16H 39 /-</u>	<u>F25B 41 /-</u>	2017378819	2019338379	2019306541	
2017252180	2016297673	2017382889	<u>G02B 23 /-</u>	2019356445	<u>G06V 10 /-</u>
<u>F16K 31 /-</u>	2016391749	2019231688	2019338379	2019376655	2019351689 2020213434 2020294220
2017261845	<u>F25B 49 /-</u>	2019235471	<u>G02B 26 /-</u>	2019402945	
<u>F16L 55 /-</u>	2016391749	<u>G01N 27 /-</u>	2018339658	<u>G06K 19 /-</u>	<u>G07C 1 /-</u>
2018206204	<u>F25D 21 /-</u>	<u>G01N 33 /-</u>	<u>G02B 27 /-</u>	2018330181	2017379785
<u>F21S 2 /-</u>	2018252163	2016222788	2017291131	<u>G06K 3 /-</u>	<u>G07C 9 /-</u>
2019366018	<u>F25D 31 /-</u>	2016240211	2018339658	2020202950	2020202950
<u>F21V 15 /-</u>	2018252163	2016299166	<u>G02B 6 /-</u>	<u>G06K 7 /-</u>	<u>G08C 17 /-</u>
2019366018	<u>F25J 3 /-</u>	2016333538	2016422889	2017267983	2017306411
<u>F21V 19 /-</u>	2016269434	2016333540	2017382889	2021202129	<u>G08G 1 /-</u>
2019366018	<u>F41A 21 /-</u>	2017218535	2018339658	<u>G06N 20 /-</u>	2019255005
<u>F21V 23 /-</u>	2021200251	2017225767	2019325988	2019369301	<u>G08G 5 /-</u>
2019366018	<u>F41H 7 /-</u>	<u>G01N 35 /-</u>	<u>G03G 15 /-</u>	<u>G06N 3 /-</u>	2020289790
<u>F21V 29 /-</u>	2019284804	2017225767	<u>G05B 15 /-</u>	2017267983	<u>G09B 23 /-</u>
2019366018	<u>F42B 8 /-</u>	<u>G01N 9 /-</u>	2017306411	2020210239	2017229154
<u>F21V 5 /-</u>	2021200251	2016209471	<u>G05B 19 /-</u>	<u>G06Q 10 /-</u>	<u>G09C 1 /-</u>
2019366018	<u>G01C 21 /-</u>	<u>G01R 31 /-</u>	2016362988	2017379785	2019356344
<u>F21V 8 /-</u>	2020289790	<u>G01S 1 /-</u>	2019211984	2019256303	
2018339658	2021201081	2019257162	<u>G05D 1 /-</u>	<u>G06Q 20 /-</u>	<u>G09G 5 /-</u>
2019366018	2021273605	<u>G01S 13 /-</u>	2017249204	2020244545	2021202129
<u>F21W 111 /-</u>	<u>G01D 5 /-</u>	2019255005	2019255005	<u>G06Q 30 /-</u>	<u>G10D 13 /-</u>
2019366018	2017281829	2021202370	2020289790	2021200725	2017379873 2018210857
<u>F21W 131 /-</u>	<u>G01F 15 /-</u>	<u>G01S 17 /-</u>	<u>G05D 23 /-</u>	<u>G06Q 50 /-</u>	<u>G10D 3 /-</u>
2020262262	2017261845	2019255005	2021200615	2017379785	2019245782
<u>F21Y 115 /-</u>	<u>G01G 17 /-</u>	<u>G01S 5 /-</u>	<u>G06F 1 /-</u>	2020203449	
2019366018	2019283931	2016433153	2018233423	<u>G06T 11 /-</u>	<u>G10H 3 /-</u>
		2019257162	2018277826	2016340814	2017379873
			<u>G06F 16 /-</u>		
			2016402555		

Applications Accepted - IPC Index cont'd

2018210857	<u>H01R 13 /-</u>	<u>H02P 5 /-</u>	2019356445	
<u>G10K 11 /-</u>	2017237254	2019313410	2020239820	<u>H04W 40 /-</u>
2017402614			2020294444	2020294444
	<u>H01R 4 /-</u>	<u>H02P 6 /-</u>	<u>H04L 69 /-</u>	<u>H04W 48 /-</u>
<u>G10L 19 /-</u>	2017237254	2019348266	2016432045	2020294444
2020217384			2019402945	
2020294317	<u>H02G 1 /-</u>	<u>H02S 20 /-</u>	<u>H04L 9 /-</u>	<u>H04W 52 /-</u>
	2017307431	2017373632	2017223158	2017230719
<u>G10L 21 /-</u>		2018254425	2018235123	
2017402614	<u>H02G 11 /-</u>	2020207782	2019337572	<u>H04W 56 /-</u>
2020200861			2021200725	2017340144
	2018221306	<u>H02S 40 /-</u>		
<u>G10L 25 /-</u>	<u>H02H 1 /-</u>	2017373632	<u>H04M 3 /-</u>	<u>H04W 60 /-</u>
2017402614			2019338745	2019293046
2020200861	2021215292	<u>H03M 7 /-</u>		
		2020294317	<u>H04N 19 /-</u>	<u>H04W 64 /-</u>
<u>G21F 5 /-</u>	<u>H02H 3 /-</u>		2019247240	2016433153
2017394781	2017251628	<u>H04B 1 /-</u>	2019394546	
		2017230719		<u>H04W 68 /-</u>
<u>H01B 11 /-</u>	<u>H02J 1 /-</u>			2019207029
2016422889	2017285257	<u>H04B 10 /-</u>	2017356952	
		2020323951		<u>H04W 72 /-</u>
<u>H01H 47 /-</u>	<u>H02J 13 /-</u>		<u>H04N 5 /-</u>	
2017274370	2021215292	<u>H04B 3 /-</u>	2017244245	2017336823
		2017285257	2017356952	2018208908
<u>H01H 71 /-</u>	<u>H02J 15 /-</u>	2017331495	2018233423	2018216588
2021215292	2020203124		2021202129	2019222748
		<u>H04B 7 /-</u>		2019316855
<u>H01H 83 /-</u>	<u>H02J 3 /-</u>	2017317018	<u>H04N 7 /-</u>	<u>H04W 76 /-</u>
2021215292	2017285257		2021202129	2017389025
	2021215292	<u>H04J 1 /-</u>		2019293046
<u>H01H 9 /-</u>		2017336823	<u>H04Q 3 /-</u>	
	<u>H02J 7 /-</u>		2019338745	<u>H04W 8 /-</u>
2017251628		<u>H04L 12 /-</u>		2020294444
2017274370	2017285257	2019402047	<u>H04Q 9 /-</u>	
			2017331495	<u>H04W 84 /-</u>
<u>H01M 10 /-</u>	<u>H02J 9 /-</u>			2017340144
2016374142	2019348266	<u>H04L 25 /-</u>	<u>H04R 1 /-</u>	2019293046
2017285257		2018216588	2017402614	2020202950
	<u>H02K 33 /-</u>			
<u>H01M 4 /-</u>	2020251026	<u>H04L 27 /-</u>	<u>H04W 12 /-</u>	<u>H04W 88 /-</u>
2016374142		2017336823		2020294444
2019253784	<u>H02K 35 /-</u>	2017340144	2018235123	
			2019293046	<u>H05B 47 /-</u>
<u>H01Q 1 /-</u>	2020203124	<u>H04L 41 /-</u>	2019402945	2019402047
2018421974		2016432045		
	<u>H02K 7 /-</u>	2020239820	<u>H04W 16 /-</u>	
<u>H01Q 15 /-</u>	2020203124		2017302958	<u>H05B 6 /-</u>
2018224970		<u>H04L 43 /-</u>	2017340144	2019291371
	<u>H02M 1 /-</u>	2016432045		
<u>H01Q 21 /-</u>	2019313410		<u>H04W 28 /-</u>	<u>H05K 7 /-</u>
2018224970		<u>H04L 5 /-</u>	2017317018	2018277826
2018421974	<u>H02P 29 /-</u>	2018216588		
	2019313410		<u>H04W 4 /-</u>	
<u>H01Q 9 /-</u>	2019348266	<u>H04L 65 /-</u>	2016433153	
2018421974		2020294317	2017230719	
	<u>H02P 3 /-</u>	2020294444	2018235123	
<u>H01R 11 /-</u>	2019313410		2019402047	
	2019348266	<u>H04L 67 /-</u>	2020202950	
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Name Index

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

(71) ACUSENSUS IP PTY LTD
 (11) AU-B-2021100546
 (21) 2021100546 (22) 28.01.2021
 (54) INFRINGEMENT DETECTION METHOD, DEVICE AND SYSTEM
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 (45) 31.03.2022
 (62) 2019303737
 (72) JANNINK, Alexander
 (74) Houlihan² Pty Ltd

(71) LAA Industries Pty Ltd
 (11) AU-B-2021107164
 (21) 2021107164 (22) 25.08.2021
 (54) Power and control of a submersible pump
 (51) Int. Cl.
 H02P 1/00 (2006.01)
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 H02P 9/04 (2006.01)
 H02P 9/30 (2006.01)
 H02P 9/42 (2006.01)
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 (45) 31.03.2022
 (62) 2021203584
 (72) Keogh, Mark Vincent; Reid, Anthony
 Carl
 (74) Armour IP Pty Ltd

(71) Pacific Blue VIC Pty Ltd
 (11) AU-B-2021107655
 (21) 2021107655 (22) 24.12.2021
 (54) CONTROL SYSTEM
 (51) Int. Cl.
 H02P 27/024 (2016.01)
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 F04D 13/10 (2006.01)
 F04D 15/00 (2006.01)
 G05D 16/20 (2006.01)
 H02K 5/132 (2006.01)
 H02K 17/12 (2006.01)
 H02P 6/04 (2016.01)
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 H02P 21/06 (2016.01)
 H02P 25/026 (2016.01)
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 (45) 31.03.2022
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 (72) Sharpe, Lachlan
 (74) Mann IP

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IPC Index

<u>E21B 43 /-</u>	<u>H04L 67 /-</u>
2021107655	2021107655
<u>F02B 63 /-</u>	<u>H04Q 9 /-</u>
2021107164	2021107164
<u>F02D 29 /-</u>	
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<u>F04B 47 /-</u>	
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<u>F04D 13 /-</u>	
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<u>G05D 16 /-</u>	
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Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Withdrawn

2015202594 **Krueger Transport Equipment Pty Ltd (Vawdrey Australia Pty. Ltd.)**

Patents Granted

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2017235889	2017239880	2017248750	2017249014
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2018409162	2018409900	2018411217	2018420752
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Innovation Patents

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2021103135	2021103245	2021103273	2021103290
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2021103378	2021103400	2021103434	2021103439
2021103440	2021103471	2021103472	2021103477
2021103486	2021103487	2021103495	2021103502
2021103518	2021103521	2021103522	2021103540
2021103634	2021103640	2021103642	2021103651
2021103653	2021103658	2021103711	2021103733
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20202305054 Johnson & Johnson Consumer Companies, Inc. The patent has been assigned to **Johnson & Johnson Consumer Inc.**

20202318790 McNeil-PPC, Inc. The patent has been assigned to **Johnson & Johnson Consumer Inc.**

2003204692 McNeil-PPC, Inc. The patent has been assigned to **Johnson & Johnson Consumer Inc.**

2003219320 Cascade Technologies Holdings Limited The patent has been assigned to **Emerson Process Management Limited**

2004205249 Johnson & Johnson Consumer Companies, Inc. The patent has been assigned to **Johnson & Johnson Consumer Inc.**

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2004255186 Johnson & Johnson Consumer Companies, Inc. The patent has been assigned to **Johnson & Johnson Consumer Inc.**

2004279619 Crane Pumps & Systems, Inc. The patent has been assigned to **CRANE PUMPS & SYSTEMS PFT CORP.**

2005200754 McNeil-PPC, Inc. The patent has been assigned to **Johnson & Johnson Consumer Inc.**

2005205821 McNeil-PPC, Inc. The patent has been assigned to **Johnson & Johnson Consumer Inc.**

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2005307119 Johnson & Johnson Consumer Companies, Inc. The patent has been assigned to **Johnson & Johnson Consumer Inc.**

2006200789 Johnson & Johnson Consumer Companies, Inc. The patent has been assigned to **Johnson & Johnson Consumer Inc.**

2006201142 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**

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2006201146 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**

2006201147 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**

2006203155 McNeil-PPC, Inc. The patent has been assigned to **Johnson & Johnson Consumer Inc.**

2006203156 McNeil-PPC, Inc. The patent has been assigned to **Johnson & Johnson Consumer Inc.**

2006203439 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**

2006203636 Clamp Technologies Pty Ltd The patent has been assigned to **Fred Worthley & Sons Pty Ltd**

2006203636 Clamp Technologies Pty Ltd The patent has been assigned to **Fred Worthley & Son Pty Ltd**

2006309773 Kabushiki Kaisha Bellsion The patent has been assigned to **NTN Corporation**

2006345731 McNeil-PPC, Inc. The patent has been assigned to **Johnson & Johnson Consumer Inc.**

2007200612 McNeil-PPC, Inc. The patent has been assigned to **Johnson & Johnson Consumer Inc.**

2007201128 McNeil-PPC, Inc. The patent has been assigned to **Johnson & Johnson Consumer Inc.**

2007201129 McNeil-PPC, Inc. The patent has been assigned to **Johnson & Johnson Consumer Inc.**

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2007201131 McNeil-PPC, Inc. The patent has been assigned to **Johnson & Johnson Consumer Inc.**

2007216928 McNeil-PPC, Inc. The patent has been assigned to **Johnson & Johnson Consumer Inc.**

2007223391 Johnson & Johnson Consumer Companies, Inc. The patent has been assigned to **Johnson & Johnson Consumer Inc.**

2007309281 McNeil-PPC, Inc. The patent has been assigned to **Johnson & Johnson Consumer Inc.**

2007319515 Johnson & Johnson Consumer Companies, Inc. The patent has been assigned to **Johnson & Johnson Consumer Inc.**

2007327386 Cascade Technologies Holdings Limited The patent has been assigned to **Emerson Process Management Limited**

2007330582 Cascade Technologies Holdings Limited The patent has been assigned to **Emerson Process Management Limited**

2007334044 Johnson & Johnson Consumer Companies, Inc. The patent has been assigned to **Johnson & Johnson Consumer Inc.**

2008209819 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**

2008212022 McNeil-PPC, Inc. The patent has been assigned to **Johnson & Johnson Consumer Inc.**

2008217009 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**

Assignments Registered

2008221508 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**

2008224340 McNeil-PPC, Inc. The patent has been assigned to **Johnson & Johnson Consumer Inc.**

2008296532 McNeil-PPC, Inc. The patent has been assigned to **Johnson & Johnson Consumer Inc.**

2008307282 Johnson & Johnson Consumer Companies, Inc. The patent has been assigned to **Johnson & Johnson Consumer Inc.**

2008322586 Serious Materials, Inc. The patent has been assigned to **AshTech Industries, LLC**

2008360451 Korea Institute of Energy Research The patent has been assigned to **JBH Co., Ltd.**

2009210401 Johnson & Johnson Consumer Companies, Inc. The patent has been assigned to **Johnson & Johnson Consumer Inc.**

2009215617 Mc Neil-PPC, Inc. The patent has been assigned to **Johnson & Johnson Consumer Inc.**

2009217412 McNeil-PPC, Inc. The patent has been assigned to **Johnson & Johnson Consumer Inc.**

2009226528 New Energy Power Company The patent has been assigned to **Novtium (Beijing) Smart Energy Technology Co., Ltd**

2009240881 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**

2009248452 Johnson & Johnson Consumer Companies, Inc. The patent has been assigned to **Johnson & Johnson Consumer Inc.**

2009275490 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**

2009316439 McNeil-PPC, Inc. The patent has been assigned to **Johnson & Johnson Consumer Inc.**

2009316603 McNeil-PPC, Inc. The patent has been assigned to **Johnson & Johnson Consumer Inc.**

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2009319871 Johnson & Johnson GmbH; McNeil-PPC, Inc. The patent has been assigned to **Johnson & Johnson Consumer Inc.; Johnson & Johnson GmbH**

2009335841 The Trustees of the University of Pennsylvania; McNeil-PPC, Inc. The patent has been assigned to **Johnson & Johnson Consumer Inc.; The Trustees of the University of Pennsylvania**

2009338577 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**

2010200565 Johnson & Johnson Consumer Companies, Inc. The patent has been assigned to **Johnson & Johnson Consumer Inc.**

2010207751 McNeil-PPC, Inc. The patent has been assigned to **Johnson & Johnson Consumer Inc.**

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2010207753 McNeil-PPC, Inc. The patent has been assigned to **Johnson & Johnson Consumer Inc.**

2010210191 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**

Assignments Registered

2010224393 McNeil-PPC, Inc. The patent has been assigned to **Johnson & Johnson Consumer Inc.**

2010227006 Johnson & Johnson Consumer Companies, Inc. The patent has been assigned to **Johnson & Johnson Consumer Inc.**

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2010321992 McNeil-PPC, Inc. The patent has been assigned to **Johnson & Johnson Consumer Inc.**

2010337131 McNeil-PPC, Inc. The patent has been assigned to **Johnson & Johnson Consumer Inc.**

2010350863 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**

2010353929 New Energy Power Company The patent has been assigned to **Novtium (Beijing) Smart Energy Technology Co., Ltd**

2010361382 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**

2011201334 McNeil-PPC, Inc. The patent has been assigned to **Johnson & Johnson Consumer Inc.**

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2011203072 Johnson & Johnson Consumer Companies, Inc. The patent has been assigned to **Johnson & Johnson Consumer Inc.**

2011206714 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**

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2011209476 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**

Assignments Registered

2011218694 Neutrogena Corporation The patent has been assigned to **Johnson & Johnson Consumer Inc.**

2011231733 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**

2011242139 Johnson & Johnson Consumer Companies, Inc. The patent has been assigned to **Johnson & Johnson Consumer Inc.**

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2011276691 McNeil-PPC, Inc. The patent has been assigned to **Johnson & Johnson Consumer Inc.**

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2011279278 Neutrogena Corporation The patent has been assigned to **Johnson & Johnson Consumer Inc.**

2011286297 McNeil-PPC, Inc. The patent has been assigned to **Johnson & Johnson Consumer Inc.**

2011304394 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**

2012201127 Johnson & Johnson Consumer Companies, Inc. The patent has been assigned to **Johnson & Johnson Consumer Inc.**

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2012201897 Johnson & Johnson Consumer Companies, Inc. The patent has been assigned to **Johnson & Johnson Consumer Inc.**

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2012218144 Westec Environmental Solutions, LLC The patent has been assigned to **Industrial Climate Solutions, Inc.**

2012224826 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**

2012225832 McNeil-PPC, Inc. The patent has been assigned to **Johnson & Johnson Consumer Inc.**

2012244439 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**

2012261564 Johnson & Johnson Consumer Companies, Inc. The patent has been assigned to **Johnson & Johnson Consumer Inc.**

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2012265005 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**

2012273206 H.J. Heinz Company The patent has been assigned to **H.J. Heinz Company Brands LLC**

2012278064 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**

2012306561 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**

2012331406 Robert Bosch GmbH The patent has been assigned to **SMA Solar Technology AG**

2012348162 McNeil-PPC, Inc. The patent has been assigned to **Johnson & Johnson Consumer Inc.**

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2013200362 HUBBELL INCORPORATED The patent has been assigned to **Hubbell Lighting, Inc.**

2013202159 Johnson & Johnson Consumer Companies, Inc. The patent has been assigned to **Johnson & Johnson Consumer Inc.**

2013205232 Innovative Engineering Products Pty Ltd The patent has been assigned to **Wylie, Myles**

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2013305539 Sun Pharma Global FZE The patent has been assigned to **Sun Pharmaceutical Industries Limited**

Assignments Registered

2013305879 Janssen Pharmaceutica NV The patent has been assigned to **SALADAX BIOMEDICAL INC.**

2013305884 Janssen Pharmaceutica NV The patent has been assigned to **SALADAX BIOMEDICAL INC.**

2013305887 Janssen Pharmaceutica NV The patent has been assigned to **SALADAX BIOMEDICAL INC.**

2013305895 Janssen Pharmaceutica NV The patent has been assigned to **SALADAX BIOMEDICAL INC.**

2013305901 Janssen Pharmaceutica NV The patent has been assigned to **SALADAX BIOMEDICAL INC.**

2013305904 Janssen Pharmaceutica NV The patent has been assigned to **SALADAX BIOMEDICAL INC.**

2013305907 Janssen Pharmaceutica NV The patent has been assigned to **SALADAX BIOMEDICAL INC.**

2013305930 Janssen Pharmaceutica NV The patent has been assigned to **SALADAX BIOMEDICAL INC.**

2013305935 Janssen Pharmaceutica NV The patent has been assigned to **SALADAX BIOMEDICAL INC.**

2013305936 Janssen Pharmaceutica NV The patent has been assigned to **SALADAX BIOMEDICAL INC.**

2013305938 Janssen Pharmaceutica NV The patent has been assigned to **SALADAX BIOMEDICAL INC.**

2013305965 Janssen Pharmaceutica NV The patent has been assigned to **SALADAX BIOMEDICAL INC.**

2013305970 Janssen Pharmaceutica NV The patent has been assigned to **SALADAX BIOMEDICAL INC.**

2013306015 Janssen Pharmaceutica NV The patent has been assigned to **SALADAX BIOMEDICAL INC.**

2013306018 Janssen Pharmaceutica NV The patent has been assigned to **SALADAX BIOMEDICAL INC.**

2013307557 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**

2013312194 Johnson & Johnson Consumer Companies, Inc. The patent has been assigned to **Johnson & Johnson Consumer Inc.**

2013331383 Summit Mining International The patent has been assigned to **Sumitomo Corporation of Americas**

2013345094 McNeil-PPC, Inc. The patent has been assigned to **Johnson & Johnson Consumer Inc.**

2013355039 PIN Pharma, Inc. The patent has been assigned to **RESILION PHARMACEUTICALS, LLC**

2014200680 Johnson & Johnson Consumer Companies, Inc. The patent has been assigned to **Johnson & Johnson Consumer Inc.**

2014202288 Atlas Gaming Technologies Pty Ltd The patent has been assigned to **Everi Technology Pty Ltd**

2014205149 ZPower, LLC The patent has been assigned to **Riot Energy, Inc.**

2014208281 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**

Assignments Registered

2014210641 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**

2014213569 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**

2014214226 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**

2014219041 Star Cushion Products, Inc. The patent has been assigned to **Etac AB**

2014242685 IKM Cleandril AS The patent has been assigned to **Enhanced Drilling AS**

2014249747 Johnson & Johnson Consumer Companies, Inc. The patent has been assigned to **Johnson & Johnson Consumer Inc.**

2014249748 Johnson & Johnson Consumer Companies, Inc. The patent has been assigned to **Johnson & Johnson Consumer Inc.**

2014249749 Johnson & Johnson Consumer Companies, Inc. The patent has been assigned to **Johnson & Johnson Consumer Inc.**

2014249753 Johnson & Johnson Consumer Companies, Inc. The patent has been assigned to **Johnson & Johnson Consumer Inc.**

2014270720 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**

2014274581 Johnson & Johnson Consumer Companies, Inc. The patent has been assigned to **Johnson & Johnson Consumer Inc.**

2014276986 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**

2014289454 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**

2014310784 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**

2014327310 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**

2014370226 McNeil-PPC, Inc. The patent has been assigned to **Johnson & Johnson Consumer Inc.**

2014374017 Johnson & Johnson Consumer Companies, Inc. The patent has been assigned to **Johnson & Johnson Consumer Inc.**

2014374104 Johnson & Johnson Consumer Companies, Inc. The patent has been assigned to **Johnson & Johnson Consumer Inc.**

2014374107 Johnson & Johnson Consumer Companies, Inc. The patent has been assigned to **Johnson & Johnson Consumer Inc.**

2014376966 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**

2014406227 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**

2015200109 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**

2015201014 Johnson & Johnson Consumer Companies, Inc. The patent has been assigned to **Johnson & Johnson Consumer Inc.**

2015202308 Johnson & Johnson Consumer Companies, Inc. The patent has been assigned to **Johnson & Johnson Consumer Inc.**

Assignments Registered

- 2015202309 Johnson & Johnson Consumer Companies, Inc. The patent has been assigned to **Johnson & Johnson Consumer Inc.**
- 2015252139 McNeil-PPC, Inc. The patent has been assigned to **Johnson & Johnson Consumer Inc.**
- 2015259411 Hubbell Incorporated The patent has been assigned to **Hubbell Lighting, Inc.**
- 2015264344 Hubbell Incorporated The patent has been assigned to **Hubbell Lighting, Inc.**
- 2015265870 Spring Bioscience Corporation The patent has been assigned to **Ventana Medical Systems, Inc.**
- 2015265975 Spring Bioscience Corporation The patent has been assigned to **Ventana Medical Systems, Inc.**
- 2015265976 Spring Bioscience Corporation The patent has been assigned to **Ventana Medical Systems, Inc.**
- 2015266243 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**
- 2015266301 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**
- 2015266772 HUBBELL INCORPORATED The patent has been assigned to **Hubbell Lighting, Inc.**
- 2015267496 Johnson & Johnson Consumer Companies, Inc. The patent has been assigned to **Johnson & Johnson Consumer Inc.**
- 2015275280 H.J. Heinz Company The patent has been assigned to **H.J. Heinz Company Brands LLC**
- 2015289307 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**
- 2015295620 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**
- 2015320527 Hubbell Incorporated The patent has been assigned to **Hubbell Lighting, Inc.**
- 2015345483 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**
- 2015377939 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**
- 2015393124 Hubbell Incorporated The patent has been assigned to **Hubbell Lighting, Inc.**
- 2016202753 McNeil-PPC, Inc.; Johnson & Johnson GmbH The patent has been assigned to **Johnson & Johnson Consumer Inc.; Johnson & Johnson GmbH**
- 2016247786 Hubbell Incorporated The patent has been assigned to **Hubbell Lighting, Inc.**
- 2016249839 Spring Bioscience Corporation The patent has been assigned to **Ventana Medical Systems, Inc.**
- 2016250379 Johnson & Johnson Consumer Companies, Inc. The patent has been assigned to **Johnson & Johnson Consumer Inc.**
- 2016251812 Tiltsta Pty Ltd The patent has been assigned to **Snap Inc.**
- 2016258453 Hubbell Incorporated The patent has been assigned to **Hubbell Lighting, Inc.**

Assignments Registered

- 2016278808 Fraunhofer-Gesellschaft zur Förderung der Angewandten Forschung E.V. The patent has been assigned to **Pasona Knowledge Partner, Inc.**
- 2016284752 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**
- 2016290263 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**
- 2016305184 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**
- 2016323373 Mitsubishi Chemical Agri Dream Co., Ltd. The patent has been assigned to **Mitsubishi Chemical Aqua Solutions Co., Ltd.**
- 2016356598 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**
- 2016369910 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**
- 2016413470 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**
- 2017201426 McNeil-PPC, Inc. The patent has been assigned to **Johnson & Johnson Consumer Inc.**
- 2017219691 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**
- 2017225324 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**
- 2017227948 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**
- 2017229289 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**
- 2017229290 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**
- 2017235999 H.J. Heinz Company The patent has been assigned to **H.J. Heinz Company Brands LLC**
- 2017242363 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**
- 2017242515 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**
- 2017258341 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**
- 2017258962 Janssen Pharmaceutica NV The patent has been assigned to **SALADAX BIOMEDICAL INC.**
- 2017261579 Janssen Pharmaceutica NV The patent has been assigned to **SALADAX BIOMEDICAL INC.**
- 2017261581 Janssen Pharmaceutica NV The patent has been assigned to **SALADAX BIOMEDICAL INC.**
- 2017261585 Janssen Pharmaceutica NV The patent has been assigned to **SALADAX BIOMEDICAL INC.**
- 2017264976 Janssen Pharmaceutica NV The patent has been assigned to **SALADAX BIOMEDICAL INC.**
- 2017264978 Janssen Pharmaceutica NV The patent has been assigned to **SALADAX BIOMEDICAL INC.**

Assignments Registered

2017264980 Janssen Pharmaceutica NV The patent has been assigned to **SALADAX BIOMEDICAL INC.**

2017273604 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**

2017275426 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**

2017275457 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**

2017291063 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**

2017295004 Vaximm AG The patent has been assigned to **NEC Oncolmmunity AS**

2017304373 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**

2017326136 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**

2017373404 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**

2017420091 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**

2018102237 KK Deliver Limited The patent has been assigned to **KeKeQiHuo (Shenzhen) Technologies Co., Ltd.**

2018200107 Janssen Pharmaceutica NV The patent has been assigned to **SALADAX BIOMEDICAL INC.**

2018200278 Janssen Pharmaceutica NV The patent has been assigned to **SALADAX BIOMEDICAL INC.**

2018200435 Janssen Pharmaceutica NV The patent has been assigned to **SALADAX BIOMEDICAL INC.**

2018200541 Janssen Pharmaceutica NV The patent has been assigned to **SALADAX BIOMEDICAL INC.**

2018201651 McNeil-PPC, Inc. The patent has been assigned to **Johnson & Johnson Consumer Inc.**

2018202554 Janssen Pharmaceutica NV The patent has been assigned to **SALADAX BIOMEDICAL INC.**

2018203561 Janssen Pharmaceutica NV The patent has been assigned to **SALADAX BIOMEDICAL INC.**

2018217852 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**

2018223885 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**

2018227938 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**

2018233505 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**

2018250403 McNeil-PPC, Inc. The patent has been assigned to **Johnson & Johnson Consumer Inc.**

2018260009 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**

Assignments Registered

2018264048 HUBBELL INCORPORATED The patent has been assigned to **Hubbell Lighting, Inc.**

2018272897 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**

2018274491 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**

2018300549 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**

2018305771 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**

2018373188 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**

2018395882 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**

2018401946 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**

2019214773 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**

2019278398 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**

2019283807 Janssen Pharmaceutica NV The patent has been assigned to **SALADAX BIOMEDICAL INC.**

2020200348 Johnson & Johnson Consumer Companies, Inc. The patent has been assigned to **Johnson & Johnson Consumer Inc.**

2020273363 HUBBELL INCORPORATED The patent has been assigned to **Hubbell Lighting, Inc.**

2020331397 Solos Limited The patent has been assigned to **Pro-silion Inc.**

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Filed

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

2008345242 **Xencor, Inc.**

The earliest first regulatory approval date provided by the patentee 17 Oct 2019

For the goods ULTOMIRIS ravulizumab rch

2014202872 **Xencor, Inc**

The earliest first regulatory approval date provided by the patentee 23 Mar 2021

For the goods ULTOMIRIS ravulizumab rch

2020200395 **Chugai Seiyaku Kabushiki Kaisha**

The earliest first regulatory approval date provided by the patentee 17 Nov 2020

For the goods ENSPRYNG satralizumab

Extensions granted

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

2005318292 **Galderma Research & Development**

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Extensions granted

The earliest first regulatory approval date provided by the patentee 18 Jan 2021

For the goods AKLIEF trifarotene

Extension of Term of patent pursuant to Section 77 expires on 21 Dec 2030

2008263190 **Biomarin Pharmaceutical Inc.**

The earliest first regulatory approval date provided by the patentee 14 Jul 2021

For the goods PALYNZIQ pegvaliase

Extension of Term of patent pursuant to Section 77 expires on 23 May 2033

2012211497 **Novartis AG**

The earliest first regulatory approval date provided by the patentee 16 Jan 2020

For the goods BEOVU brolocizumab

Extension of Term of patent pursuant to Section 77 expires on 21 May 2028

2012270144 **Oxford University Innovation Limited**

The earliest first regulatory approval date provided by the patentee 16 Feb 2021

For the goods COVID-19 Vaccine AstraZeneca ChAdOx1-S

Extension of Term of patent pursuant to Section 77 expires on 16 Feb 2036

Corrigenda

In Vol 34 , No 21 , Page(s) 2992 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Sentronic GmbH Gesellschaft für Optische Messsysteme, Application No. 2018373900, under INID (71) correct the applicant name to Sentronic GmbH Gesellschaft für optische Messsysteme

In Vol 35 , No 42 , Page(s) 8275 under the heading **Applications Accepted - Name Index** Under the name Sentronic GmbH Gesellschaft für Optische Messsysteme, Application No. 2018373900, under INID (71) correct the applicant name to Sentronic GmbH Gesellschaft für optische Messsysteme

In Vol 35 , No 50 , Page(s) 9745 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Hangzhou Jihua Polymer Material Co., Ltd. No. 2020411746, under INID (71) correct the applicant name to Hangzhou Jihua Polymer Materials Co., Ltd.

In Vol 36 , No 11 , Page(s) 1507 under the heading **Amendments - Amendments Made** Under the name Pulse Biosciences, Inc. Application No. 2019209200, under INID (72) correct the inventor/s name to MOSS, Kevin L.; FOSTER, Christopher J.; HINMAN, Cameron D.; DANITZ, David J. and UECKER, Darrin R.

In Vol 36 , No 11 , Page(s) 1559 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name National Institutes for Quantum Science and Technology, Application No. 2020339258, under INID (72) correct the co-inventor to KIM, Jaehwan

Corrigenda

In Vol 36 , No 11 , Page(s) 1569 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Vertex Pharmaceuticals Incorporated, Application No. 2020330570, Under INID (72) add co-inventor GROOTENHUIS, Peter

In Vol 36 , No 11 , Page(s) 1598 under the heading **Applications Accepted - Name Index** Under the name Ilias Biologics Inc., Application No. 2016258423, under INID (54) correct the title to read PRODUCTION METHOD FOR EXOSOME COMPRISING CARGO PROTEIN, AND METHOD FOR TRANSFERRING CARGO PROTEIN INTO CYTOPLASM BY USING EXOSOME PRODUCED BY MEANS OF THE PRODUCTION METHOD

In Vol 36 , No 12 , Page(s) 1690 under the heading **Innovation Patents OPI - Name Index** Under the name MTI Group Pty Ltd., Application No. 2021107658, under INID (72) add inventor Bodley, Nicholas

In Vol 36 , No 8 , Page(s) 1068 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Eli Lilly and Company, Application No. 2020326552, under INID (72) correct the inventor to RUANO PLAZA, Sra. Gema

Specifications Republished

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

2017214451 **Max-Planck-Gesellschaft zur Förderung der Wissenschaften EV; Institut für Biotechnologie und Wirkstoff-Forschung gGmbH**
 2018236161 **Abide Therapeutics, Inc.**
 2018308224 **Olipass Corporation**