



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

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General Information

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

Editorial enquiries

Contact information

Freedom of Information ACT

Professional Standards Board

Sales

Requests for Information under Section 194 (c)

Country Codes

Trade Mark and Designs Hearing Sessions

INID (Internationally agreed Numbers for the Identification of Data)

GUIDE TO THE USE OF THIS JOURNAL

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

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

(i) FILING -

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

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

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

(iii) ACCEPTANCE –

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

(iv) OPPOSITION –

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

(v) GRANTING –

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

(vi) CERTIFICATION

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

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

How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

How Australian Patent Documents are Numbered

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

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

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

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

See Examples:

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

<p>NOTE: When ordering any patent document from us, whether accepted or not, please quote the application/patent number preceded by the appropriate prefix.</p>
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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 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 application filed - Name Index	
The <u>name</u> of the applicant	(71)	The <u>name</u> of the applicant	(71)
The Provisional application <u>number</u>	(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)
<u>Inventors 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.

1. 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.

(43) 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.

(44) 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.

(4) There is a gap in volume numbering of the Australian Official Journal of Patents. The volumes are:

- 1987-2022 Volume 1 - 36
- 2023 - Volume 57 -

AUSTRALIAN OFFICIAL JOURNAL OF PATENTS 23 November 2023

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

Spruson & Ferguson Pty Ltd v Versatile Natures Ltd. [2023] APO 57

Patent Application: 2020353686

Title: Method for monitoring lifting events at a construction site

Patent Applicant: Versatile Natures Ltd.

Opponent: Spruson & Ferguson Pty Ltd

Delegate: Dr N. R. Madsen – Deputy Commissioner of Patents

Decision Date: 10 November 2023

Hearing Date: 27 June 2023, matter referred to hearing officer.

Catchwords: **PATENTS** – section 59 – tracking lifting events at construction sites using weight sensing and geospatial location – grounds of novelty and inventive step – no ground made out – opposition unsuccessful – costs awarded against opponent

Representation: Patent attorney for the opponent: Spruson & Ferguson Patent & Trade Mark Attorneys

AUSTRALIAN OFFICIAL JOURNAL OF PATENTS 23 November 2023

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

Imdex Limited v Globaltech Corporation Pty Ltd and Longyear TM, Inc. [2023] APO 58

Patent Application: 2019257536

Title: Core barrel head assembly with an integrated sample orientation tool and system for using same

Patent Applicants: Globaltech Corporation Pty Ltd and Longyear TM, Inc.

Opponent: Imdex Limited

Delegate: Dr W.E. Guinea

Decision Date: 14 November 2023

Hearing Date: 28 April 2023, by videoconference

Catchwords: **PATENTS** – s59 – inventive step – no claims lack inventive step – support – no claims lack support – opposition unsuccessful – costs awarded against opponent

Representation: Counsel for the Applicant: Andrew Fox SC
Also appearing for the Applicant: Nicholas Lakatos of FPA Patent Attorneys Pty Ltd
Counsel for the Opponent: Megan Evetts
Patent attorney for the Opponent: Stuart Campbell of FB Rice Pty Ltd

Proceedings under the Patents Act 1990

Provisional Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 7 Nov 2023 .

<p>5B IP Holdings Pty Ltd see 5B IP Holdings Pty Ltd (21) 2023903585</p>	<p>(71) ASSA ABLOY Australia Pty Limited (21) 2023903620 (22) 10.11.2023 (54) Mortice latch assembly for use with a sliding door</p>	<p>(71) Bennett, D. (21) 2023903629 (22) 12.11.2023 (54) Dual Stator, Permanent Magnet Motor 16x32x16</p>
<p>(71) 5B IP Holdings Pty Ltd; 5B IP Holdings Pty Ltd (21) 2023903585 (22) 08.11.2023 (54) A COMPOSITE STRUCTURAL MEMBER</p>	<p>(71) ASSA ABLOY Australia Pty Limited (21) 2023903633 (22) 13.11.2023 (54) A MORTICE LATCH ASSEMBLY FOR USE WITH A SLIDABLE DOOR</p>	<p>(71) Bennett, D. (21) 2023903658 (22) 14.11.2023 (54) Multi-Magnet Layer, Double-Sided Stator, Permanent Magnet Motor 24x24x24 Variant_2</p>
<p>(71) AFC Energy plc (21) 2023903651 (22) 14.11.2023 (54) Catalytic reactor with combustion chamber</p>	<p>(71) Ayonz Pty Limited (21) 2023903616 (22) 10.11.2023 (54) Packaging box</p>	<p>(71) Bennett, D. (21) 2023903660 (22) 14.11.2023 (54) Multi-Magnet Layer, Double-Sided Stator, Permanent Magnet Motor 32x32x32 Variant_2</p>
<p>(71) Alchin Long Group IP Pty Limited (21) 2023903604 (22) 09.11.2023 (54) Louvre Window</p>	<p>(71) BARTON, P. (21) 2023903580 (22) 08.11.2023 (54) Variable opening drain pit</p>	<p>(71) Blakeway, M. (21) 2023903636 (22) 13.11.2023 (54) Process for transporting wheelbarrows</p>
<p>(71) Analog Quantum Circuits Pty Ltd (21) 2023903597 (22) 09.11.2023 (54) Microwave circulator</p>	<p>(71) Behnecke, M. (21) 2023903598 (22) 09.11.2023 (54) Decking spacer tool and decking spacer system</p>	<p>(71) Breville Pty Limited (21) 2023903599 (22) 09.11.2023 (54) A tamper</p>
<p>(71) Arakel, A.; Pact Renewables Pty Ltd (21) 2023903591 (22) 08.11.2023 (54) Media for reduction of gaseous emissions, methods of on-site production and application</p>	<p>(71) Bennett, D. (21) 2023903626 (22) 12.11.2023 (54) Multi-Magnet Layer, Double-Sided Stator, Permanent Magnet Motor 24x24x24</p>	<p>(71) Canva Pty Ltd (21) 2023903586 (22) 08.11.2023 (54) Systems and methods for generating and using training data</p>
<p>(71) Arakel, A.; Pact Renewables Pty Ltd (21) 2023903625 (22) 12.11.2023 (54) Mineral-based media for carbon dioxide removal, methods of production and application</p>	<p>(71) Bennett, D. (21) 2023903627 (22) 12.11.2023 (54) Multi-Magnet Layer, Double-Sided Stator, Permanent Magnet Motor 32x32x32</p>	<p>(71) C-COAT Australia (21) 2023903592 (22) 08.11.2023 (54) Replacement of the heat source in ASTM 1363 and/or ISO 8990</p>
<p>(71) Ashley, G. (21) 2023903652 (22) 14.11.2023 (54) A guard assembly for a vehicle door</p>	<p>(71) Bennett, D. (21) 2023903628 (22) 12.11.2023 (54) Dual Stator, Permanent Magnet Motor 12x24x12</p>	<p>(71) Central Queensland University (21) 2023903610 (22) 10.11.2023 (54) CONTROL SYSTEM AND METHOD FOR MANUAL OPERATION OF LONG VEHICLES</p>

Chong, B. see Chong, T.

Provisional Applications Filed - Name Index cont'd

(21) 2023903623

(71) Chong, T.; Chong, B.; Low, C.H.
(21) 2023903623 (22) 10.11.2023
(54) A protection and cleaning tool for a vehicle infotainment system or head unit

(71) Clapp, R.
(21) 2023903640 (22) 13.11.2023
(54) SYSTEM AND METHOD FOR THE DIGITIZATION OF HARDCOPY LITERARY WORKS

(71) ClearVue Technologies Ltd
(21) 2023903590 (22) 08.11.2023
(54) Building unit

(71) COMPETITIVE EDGE TECHNOLOGY PTY LTD
(21) 2023903577 (22) 08.11.2023
(54) Method for delivering traditional static book content augmented by Artificial Intelligence (AI), uniquely accessing interchangeable industry specific AI Data Models at the back-end with annotation by subject matter experts, rather than via current generic AI Models

(71) Conboy, C.
(21) 2023903631 (22) 13.11.2023
(54) A high visibility safety device

(71) Contoleon, G.
(21) 2023903647 (22) 10.11.2023
(54) Identification of gold and precious metal bearing sites of mainly fine metallic particles and associated advances in extraction

(71) Copper Care Wood Preservatives, Inc.
(21) 2023903593 (22) 09.11.2023
(54) Timber railroad crosstie protection system

(71) Copper Care Wood Preservatives, Inc.
(21) 2023903594 (22) 09.11.2023
(54) A rail crosstie preservation system

(71) Davis, J.
(21) 2023903588 (22) 08.11.2023
(54) PROCESS FOR EXTRACTION OF ADENOSINE TRIPHOSPHATE (ATP) FROM PLANT MATERIAL

(71) de Geeter, P.J.
(21) 2023903601 (22) 09.11.2023
(54) Wave Energy Capture for Electricity Generation

(71) Dr Glitter Pty Ltd
(21) 2023903603 (22) 09.11.2023
(54) Edible glitter composition

(71) Elazac Mining Pty Ltd
(21) 2023903581 (22) 08.11.2023
(54) A Method and Apparatus for Processing Mined Material

(71) EUCLID, J.
(21) 2023903663 (22) 14.11.2023
(54) A GLUCOSE MEASURING SYSTEM AND METHOD OF USING SAME

(71) Fachmann Pty Ltd
(21) 2023903661 (22) 14.11.2023
(54) MODULAR BUILDING PANEL (WITH INTEGRATED SERVICES) SYSTEM AND METHOD

(71) Flamingo Maison Pty Ltd
(21) 2023903583 (22) 08.11.2023
(54) CONDUIT INSERT AND THE MANUFACTURE AND USE THEREOF

(71) Francis, M.
(21) 2023903589 (22) 08.11.2023
(54) Wheelie bin accessories for the process of litter picking

(71) Fraser, S.
(21) 2023903630 (22) 13.11.2023
(54) A Transport/Storage Pallet having one or more retractable straps housed therein

(71) Gill, A.
(21) 2023903656 (22) 14.11.2023
(54) Digital Sidewalk A Frame

(71) Hardie, N.
(21) 2023903655 (22) 14.11.2023
(54) A Method and Apparatus for Teaching Reading Phonics

(71) HORUSSENSORIUM HOLDINGS PTY LTD
(21) 2023903634 (22) 13.11.2023
(54) A COMPUTER IMPLEMENTED METHOD FOR MONITORING AND TRACKING SAFE TRANSPORTATION OF HAZARDOUS GOODS

(71) ICONTENT PTY LTD
(21) 2023903613 (22) 10.11.2023
(54) A METHOD OF PROVIDING INCENTIVE RISK FOR PROVIDING FINANCE

(71) J Smith Holdings Pty Ltd
(21) 2023903614 (22) 10.11.2023
(54) AN ARTIFICIALLY INTELLIGENT ASSESSMENT SYSTEM

(71) Lam, T.T.
(21) 2023903579 (22) 08.11.2023
(54) CABLE STAYED STRUCTURE FOR WAVE ENERGY SYSTEM

(71) Lávish Extensions
(21) 2023903645 (22) 13.11.2023
(54) Invisible Tape Weft Extensions

(71) Lelox (Australia) Pty Limited
(21) 2023903637 (22) 13.11.2023
(54) Assembly Stand

(71) Li, S.
(21) 2023903619 (22) 10.11.2023
(54) Principles and workflow of next generation sequencing (NGS) accelerated antibody discovery.

(71) Liberation Metallurgy International Pty Ltd
(21) 2023903609 (22) 10.11.2023
(54) A process for the recovery of metals from metal-bearing materials

(71) Liberty Loves Australia Pty. Ltd
(21) 2023903648 (22) 14.11.2023
(54) 100% dried fruit zest grinder

Low, C.H. see Chong, T.
(21) 2023903623

(71) MECHANIZE PTY LTD
(21) 2023903617 (22) 10.11.2023
(54) A Tyre Handling Apparatus

(71) Merchant, T.
(21) 2023903607 (22) 10.11.2023
(54) ANDROS FX RPV X-Ray Generator Mount

(71) MORSE MICRO PTY. LTD.
(21) 2023903600 (22) 09.11.2023
(54) Digital Aided Clipping Methods and Devices for Digital Power Amplifier

(71) MORSE MICRO PTY. LTD.
(21) 2023903621 (22) 10.11.2023
(54) Compensation Methods and Devices for Digital Power Amplifier

Provisional Applications Filed - Name Index cont'd

(71) N2 Financial Pvt. Ltd.
(21) 2023903624 (22) 11.11.2023
(54) Competitive Margin loans based on creditworthiness of, and cash lien provided by the borrower- analysed through Open Banking framework.

(71) Nadir, H.
(21) 2023903646 (22) 13.11.2023
(54) A runner tracking system

(71) Nepean Conveyors Pty Ltd
(21) 2023903615 (22) 10.11.2023
(54) WATER REMOVAL SYSTEM FOR CONVEYOR BELT APPARATUS

(71) Newbury, J.
(21) 2023903638 (22) 13.11.2023
(54) OFFSHORE FLOATING WAVE GENERATOR ASSEMBLY

(71) Norris, M.
(21) 2023903632 (22) 13.11.2023
(54) Gas-tight container for storage of cameras, lenses, associated devices, instruments, and laboratory and optical instruments in a dry nitrogen gas or argon gas environment.

Pact Renewables Pty Ltd see Arakel, A.
(21) 2023903591

Pact Renewables Pty Ltd see Arakel, A.
(21) 2023903625

(71) Pell, D.
(21) 2023903573 (22) 08.11.2023
(54) Folding Electric Bike Frame

(71) Piacun, M.
(21) 2023903578 (22) 08.11.2023
(54) ALIGNMENT DEVICE

(71) PJ Creative Co Pty Ltd
(21) 2023903605 (22) 09.11.2023
(54) Composition

(71) Powa Corporation Pty Ltd
(21) 2023903576 (22) 08.11.2023
(54) Brush

(71) Rapid Bracket Pty Ltd
(21) 2023903587 (22) 08.11.2023
(54) In-ceiling fire detector holder apparatus

(71) Real Instruments Limited
(21) 2023903575 (22) 08.11.2023
(54) FORCE-SENSING DEVICE AND APPARATUS

(71) Relectrify Pty Ltd
(21) 2023903534 (22) 03.11.2023
(54) APPARATUS FOR COOLING INDIVIDUAL SOURCES OF HEAT ON A PRINTED CIRCUIT BOARD ASSEMBLY

(71) Rollease Acmeda, Inc.
(21) 2023903582 (22) 08.11.2023
(54) Motorised roller blind and wand assembly

(71) SACUBA PTY LTD
(21) 2023903595 (22) 09.11.2023
(54) APPARATUS FOR INTERCONVERTING ROTATIONAL AND NON-ROTATIONAL MOTION

(71) Schwalb, M.
(21) 2023903596 (22) 09.11.2023
(54) ADAPTIVE ATTENDENT-USER INTERACTION TRANSPORT CHAIR

(71) Stratus Shades Pty Ltd
(21) 2023903642 (22) 13.11.2023
(54) Firepit Assembly

(71) Sundrive Solar Pty Ltd
(21) 2023903643 (22) 13.11.2023
(54) Method for depositing a metallic material on a major surface of a substrate

(71) Sundrive Solar Pty Ltd
(21) 2023903644 (22) 13.11.2023
(54) A method for depositing a metallic material on a major surface of a substrate

(71) Sunny Day Holdings Pty Ltd
(21) 2023903666 (22) 14.11.2023
(54) Boot Storage Apparatus

(71) TACTICAGEAR PTY LTD
(21) 2023903649 (22) 14.11.2023
(54) Knife and Sheath

(71) TBA Industries Pty Ltd
(21) 2023903618 (22) 10.11.2023
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(71) The Microbiome Research Group (TMR) Pty Ltd
(21) 2023903611 (22) 10.11.2023
(54) PROCESSES AND CATALYSTS FOR SELECTIVE OXIDATION OF ALCOHOL AND CARBONYL GROUPS OF ORGANIC COMPOUNDS

(71) THE TRUSTEE FOR RADULOCK TRUST
(21) 2023903635 (22) 13.11.2023
(54) INTERFACIAL PRESSURE SENSOR

(71) The University of Adelaide
(21) 2023903606 (22) 09.11.2023
(54) SULFUR AQUEOUS BATTERY

(71) The University of Melbourne
(21) 2023903602 (22) 09.11.2023
(54) Compositions and methods for treating halitosis

(71) The University of Queensland
(21) 2023903622 (22) 10.11.2023
(54) Optimized method for generating human skin organoids from human pluripotent stem cells

(71) The University of Sydney
(21) 2023903608 (22) 10.11.2023
(54) Iron chelator compounds and uses thereof

(71) Uloc Pty Ltd
(21) 2023903584 (22) 08.11.2023
(54) Plate Frame

(71) University of South Australia
(21) 2023903639 (22) 13.11.2023
(54) ALMOND SEPARATOR

(71) Upright Composites Pty Ltd
(21) 2023903654 (22) 14.11.2023
(54) Transport gate

(71) Whapham, S.
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(54) NMEA2000 Battery

(71) Willett, P.
(21) 2023903641 (22) 13.11.2023
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(71) Woodward, J.D.
(21) 2023903664 (22) 14.11.2023
(54) METHOD FOR DETERMINING A TAXATION LIABILITY

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Applications listed below were processed through the Patent Office Canberra during the period ending 7 Nov 2023 .

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

<hr/> <p>(71) 360 TWO Pty Ltd (21) 2023263489 (22) 08.11.2023 (54) ELECTRICAL CONNECTOR ASSEMBLY</p> <hr/> <p>(71) AbbVie Inc.; Calico Life Sciences LLC (21) 2023263567 (22) 10.11.2023 (54) Protein tyrosine phosphatase inhibitors and methods of use thereof</p> <hr/> <p>(71) Acceleron Pharma Inc.; The Brigham and Women's Hospital, Inc. (21) 2023263573 (22) 12.11.2023 (54) Compositions and methods for treating pulmonary hypertension</p> <hr/> <p>(71) Aladdin Manufacturing Corporation (21) 2023263481 (22) 08.11.2023 (54) Low weight modular carpet components and methods of making the same</p> <hr/> <p>(71) Alerje, Inc. (21) 2023263511 (22) 09.11.2023 (54) METHOD FOR PREDICTING ADVERSE SYMPTOMS TO IMMUNOTHERAPY</p> <hr/> <p>(71) Amgen Inc. (21) 2023263502 (22) 09.11.2023 (54) KRAS G12C inhibitors and methods of using the same</p> <hr/> <p>(71) Ampyx Power B.V. (21) 2023263554 (22) 10.11.2023 (54) Method for operation of a system for airborne wind energy production and respective system</p> <hr/> <p>(71) Angel Group Co., Ltd. (21) 2023263490 (22) 08.11.2023 (54) Management system</p> <hr/> <p>(71) Angel Group Co., Ltd. (21) 2023263521 (22) 09.11.2023 (54) A METHOD FOR ADMINISTRATING A PACKAGE OF SHUFFLED PLAYING CARDS</p> <hr/> <p>(71) Apple Inc. (21) 2023263546 (22) 10.11.2023</p>	<p>(54) Devices and methods for accessing prevalent device functions</p> <hr/> <p>(71) Apple Inc. (21) 2023266222 (22) 13.11.2023 (54) Music now playing user interface</p> <hr/> <p>(71) Arena Pharmaceuticals, Inc.; Lucie H. Clapp (21) 2023263497 (22) 09.11.2023 (54) Methods of treating PAH with combinations of ralinepag and other agents</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2023266268 (22) 14.11.2023 (54) A GAMING SYSTEM AND A METHOD OF GAMING</p> <hr/> <p>(71) AstraZeneca UK Limited (21) 2023263537 (22) 10.11.2023 (54) Systems and methods for dispensing a statin medication over the counter</p> <hr/> <p>(71) Barrick Gold Corporation (21) 2023263570 (22) 10.11.2023 (54) METHOD FOR RECOVERING PRECIOUS METALS FROM THIOSULFATE LEACH SOLUTIONS</p> <hr/> <p>(71) Baxter Corporation Englewood (21) 2023263487 (22) 08.11.2023 (54) MANAGEMENT OF MEDICATION PREPARATION WITH DYNAMIC PROCESSING</p> <hr/> <p>BEIJING CCRI-TIANMA AUTOMATION TECHNOLOGY CO., LTD. see CCTEG BEIJING TIANMA INTELLIGENT CONTROL TECHNOLOGY CO., LTD. (21) 2023263510</p> <hr/> <p>(71) Berkshire Biomedical Corporation (21) 2023266255 (22) 14.11.2023 (54) Computerized oral prescription administration with refillable medication dispensing devices and associated systems and methods</p> <hr/> <p>(71) Block, Inc. (21) 2023263488 (22) 08.11.2023 (54) Quick legend receipt system</p>	<hr/> <p>(71) Brilliance of Beauty, Inc. (21) 2023263533 (22) 10.11.2023 (54) Light-curable artificial nails, methods of preparation and methods of use thereof</p> <hr/> <p>(71) Bullfrog International, LC. (21) 2023263499 (22) 09.11.2023 (54) SYSTEMS AND METHODS FOR WIRED LIGHTING FOR A SPA</p> <hr/> <p>(71) Bullfrog International, LC. (21) 2023263568 (22) 10.11.2023 (54) SYSTEMS AND METHODS FOR A MULTI PATTERN SPA JET</p> <hr/> <p>(71) Bullfrog International, LC. (21) 2023263569 (22) 10.11.2023 (54) SYSTEMS AND METHODS FOR WIRELESS TRANSMISSION OF ELECTRICITY FOR SPA ILLUMINATION</p> <hr/> <p>Calico Life Sciences LLC see AbbVie Inc. (21) 2023263567</p> <hr/> <p>Cancer Research Technology Limited see The Institute of Cancer Research: Royal Cancer Hospital (21) 2023263501</p> <hr/> <p>(71) Canon Kabushiki Kaisha (21) 2023263551 (22) 10.11.2023 (54) Cartridge and image forming apparatus</p> <hr/> <p>Cargill, Incorporated see Ynsect (21) 2023266263</p> <hr/> <p>(71) Case Western Reserve University (21) 2023263526 (22) 09.11.2023 (54) Systems and methods for human-machine integration</p> <hr/> <p>(71) Caterpillar Global Mining Equipment LLC (21) 2023263550 (22) 10.11.2023 (54) Wrench assembly</p> <hr/> <p>(71) CCTEG BEIJING TIANMA INTELLIGENT CONTROL TECHNOLOGY CO.,</p>
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LTD.; BEIJING CCRI-TIANMA AUTOMATION TECHNOLOGY CO., LTD.
(21) 2023263510 **(22)** 09.11.2023
(54) CONNECTION SOCKET, CONNECTION PLUG AND QUICK PLUG CONNECTOR FOR MINING

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(21) 2023263558

(71) CHINA ENFI ENGINEERING CORPORATION; CHINA ENFI ENGINEERING CO., LTD.
(21) 2023263558 **(22)** 10.11.2023
(54) A PROCESSING METHOD OF A LATERITE-NICKEL ORE ACID LEACHING SLAG

(71) Colgate-Palmolive Company
(21) 2023266234 **(22)** 13.11.2023
(54) Systems and methods for estimating a three-dimensional pose of an oral hygiene device with visual markers

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(21) 2023263478

(71) Cotton Seed Distributors Ltd; Commonwealth Scientific and Industrial Research Organisation
(21) 2023263478 **(22)** 08.11.2023
(54) Cotton Variety Sicot 714B3F

(71) Covalon Technologies Ltd.
(21) 2023263512 **(22)** 09.11.2023
(54) Coating compositions, polymeric coatings, and methods

(71) Covidien LP
(21) 2023263543 **(22)** 10.11.2023
(54) Handheld electromechanical surgical system

(71) Dana-Farber Cancer Institute, Inc.
(21) 2023266240 **(22)** 13.11.2023
(54) Drug delivery compositions and uses thereof

(71) Deere & Company
(21) 2023263504 **(22)** 09.11.2023
(54) Agricultural machine control based on corrected or localized data sample values

(71) Dellas, J.
(21) 2023266232 **(22)** 13.11.2023

(54) A mobile communication device connected currency receiving, accepting, capturing, verifying and rejecting apparatus

(71) Delta Panels Pty Ltd
(21) 2023266264 **(22)** 14.11.2023
(54) FIRE RETARDANT COMPOSITE FOAM

(71) Disney Enterprises, Inc.
(21) 2023263544 **(22)** 10.11.2023
(54) Flexible landmark detection

(71) DRAEGER SAFETY AG & CO. KGAA
(21) 2023263486 **(22)** 08.11.2023
(54) ELECTRONIC ANKLE SHACKLE AND CORRESPONDING PROCESSES

(71) Edgesmith Limited
(21) 2023266243 **(22)** 14.11.2023
(54) Self-levelling support for cantilevered sliding gate

(71) Editas Medicine, Inc.
(21) 2023263518 **(22)** 09.11.2023
(54) Compositions and methods for treating CEP290 associated disease

(71) Edwards Lifesciences Corporation
(21) 2023263474 **(22)** 08.11.2023
(54) Medical valve and leaflet promoting tissue ingrowth

(71) Edwards Lifesciences Corporation
(21) 2023263506 **(22)** 09.11.2023
(54) Heart valve sealing devices and delivery devices therefor

(71) Eli Lilly and Company
(21) 2023265759 **(22)** 13.11.2023
(54) Mirikizumab for use in a method of treating Crohn's Disease

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(21) 2023263482

(71) ESS Tech, Inc.
(21) 2023263514 **(22)** 09.11.2023
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(71) Ezzy Fit Pty Ltd
(21) 2023266244 **(22)** 14.11.2023
(54) Building panels

(71) FAICZAK, J.
(21) 2023263560 **(22)** 10.11.2023
(54) Method, Apparatus And System For Balancing The Fluid Pressure Of Fluid Distribution Systems

(71) Fincantieri S.p.A.
(21) 2023266258 **(22)** 14.11.2023
(54) SYSTEM AND METHOD FOR SUPPORTING ACTIVITIES IN A SHIPYARD DURING THE CONSTRUCTION OF A SHIP

(71) Fisher & Paykel Healthcare Limited
(21) 2023263503 **(22)** 09.11.2023
(54) DETERMINISTICALLY CONTROLLED HUMIDIFICATION SYSTEM

(71) FLEXXON PTE. LTD
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(54) System and method for securing data files

(71) FUSUS, INC.
(21) 2023263477 **(22)** 08.11.2023
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(71) Geissler Companies, LLC
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(71) Genentech, Inc.
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(54) Methods Of Administering Anti-Fibrotic Therapy

(71) Getac Technology Corporation
(21) 2023263493 **(22)** 09.11.2023
(54) ELECTRONIC DEVICE WITH HYBRID POWER AND CHARGING METHOD

(71) Getac Technology Corporation
(21) 2023263494 **(22)** 09.11.2023
(54) ELECTRONIC DEVICE WITH HYBRID POWER SOURCE AND METHOD FOR HYBRID POWER SUPPLY

(71) GE Video Compression, LLC
(21) 2023266237 **(22)** 13.11.2023
(54) Coding concept allowing parallel processing, transport demultiplexer and video bitstream

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(71) Gilead Pharmasset LLC
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(54) Nucleoside phosphoramidate prodrugs

(71) Hangzhou Biotest Biotech Co., LTD.
(21) 2023263479 (22) 08.11.2023
(54) TEST DEVICE

(71) Hanwha Azdel, Inc.
(21) 2023266223 (22) 13.11.2023
(54) MULTI-LAYER ASSEMBLIES WITH ONE OR MORE MESH LAYERS

(71) Hasan, S.K.
(21) 2023263576 (22) 13.11.2023
(54) Method and device for managing security in a computer network

(71) Helrom GmbH
(21) 2023266226 (22) 13.11.2023
(54) RAILWAY WAGON WITH IMPROVED LAUNCH BEAM POSITIONING

(71) Helrom GmbH
(21) 2023266231 (22) 13.11.2023
(54) RAILWAY WAGON WITH IMPROVED LAUNCH BEAM MOUNTING

(71) Henan Yanxin Photoelectric Co., LTD
(21) 2023258456 (22) 03.11.2023
(54) LED GLASS BULB AND MANUFACTURING METHOD THEREOF

(71) HONEYWELL INTERNATIONAL INC.
(21) 2023263515 (22) 09.11.2023
(54) VIRTUAL PEAKER POWER PLANT

(71) ICA S.p.A
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(54) Welding unit for machine for forming capsules with pleated capsule body

(71) Illinois Tool Works Inc.
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(54) Slidable unit

(71) ImmunoGen, Inc.
(21) 2023263495 (22) 09.11.2023
(54) Cross-linkers and their uses

(71) Innovatio Pty Ltd
(21) 2023263563 (22) 10.11.2023
(54) Assay Method For Determining The Risk Of Pre-Eclampsia

(71) Inspire Medical Systems, Inc.
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(54) Platform for secure communications with medical device

(71) J. D. Theile GmbH & Co. KG
(21) 2023263480 (22) 08.11.2023
(54) CHAIN AND ARRANGEMENT OF A CHAIN WITH A SPROCKET

(71) James Hardie Technology Limited
(21) 2023263475 (22) 08.11.2023
(54) Edge protection element

(71) Jinko Energy Storage Technology Co., Ltd.
(21) 2023266238 (22) 13.11.2023
(54) EXPLOSION-PROOF VALVE AND CELL TOP COVER INCLUDING THE SAME

(71) Jinko Energy Storage Technology Co., Ltd.
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(71) Jordan Rail Pty Ltd
(21) 2023266269 (22) 14.11.2023
(54) High rail mechanism and associated high rail excavator

(71) Kabushiki Kaisha Toshiba
(21) 2023266221 (22) 13.11.2023
(54) Carbon dioxide adsorbent and carbon dioxide adsorption-desorption device

(71) Komatsu Ltd.
(21) 2023263535 (22) 10.11.2023
(54) System and method for construction performance management of a plurality of work machines

(71) Koninklijke Douwe Egberts B.V.
(21) 2023266224 (22) 13.11.2023
(54) System for preparing a beverage

(71) Lam, T.T.
(21) 2023263524 (22) 09.11.2023
(54) CABLE STAYED STRUCTURE FOR WAVE ENERGY SYSTEM

(71) LEE, C.
(21) 2023266242 (22) 14.11.2023
(54) VIBRATION MODULE EQUIPPED WITH SECTION-TYPE VIBRATION PLATES USING MAGNETIC FORCE

(71) LG Electronics Inc.
(21) 2023263555 (22) 10.11.2023
(54) Dryer

(71) LG Electronics Inc.
(21) 2023263559 (22) 10.11.2023
(54) Dryer

(71) LG Electronics Inc.
(21) 2023263561 (22) 10.11.2023
(54) Dryer

(71) Lockheed Martin Corporation
(21) 2023263505 (22) 09.11.2023
(54) PI-SHAPED PREFORM AND BONDED JOINTS THEREOF

(71) Lu, Y.
(21) 2023266261 (22) 14.11.2023
(54) Intelligent Swimming Information Data Collection System

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(21) 2023263497

(71) Lzlabs GmbH
(21) 2023266241 (22) 13.11.2023
(54) CONTAINERIZED DEPLOYMENT OF MICROSERVICES BASED ON MONOLITHIC LEGACY APPLICATIONS

(71) Melcare Medical Pty Ltd
(21) 2023263539 (22) 10.11.2023
(54) COMPOSITIONS AND USES THEREFOR

(71) Meso Scale Technologies, LLC
(21) 2023258454 (22) 03.11.2023
(54) Assay apparatuses, methods and reagents

(71) Metabolic Technologies, Inc.
(21) 2023266257 (22) 14.11.2023
(54) Compositions and methods of use of β -hydroxy- β -methylbutyrate (HMB) and probiotics

(71) MGI Tech Co., Ltd.
(21) 2023266236 (22) 13.11.2023
(54) Biochemical substance analysis system, method, and device

(71) Miles, S.
(21) 2023263483 (22) 08.11.2023
(54) VEHICLE MIRRORS

(71) MiTek Holdings, Inc.
(21) 2023263529 (22) 10.11.2023

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(54) EXTERIOR SEALING SYSTEM FOR CONSTRUCTION MODULES

(71) Munters Corporation
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(54) Active/Passive Cooling System

(71) NAKK (Bowral) Pty Ltd
(21) 2023263557 (22) 10.11.2023
(54) Cooling Pad

(71) Nanjing Chervon Industry Co., Ltd.
(21) 2023263522 (22) 09.11.2023
(54) REAR-MOVING POWER TOOL

(71) NAVICO, INC.
(21) 2023263507 (22) 09.11.2023
(54) BEAMFORMING SONAR SYSTEMS FOR SIDE LIVE SONAR, AND ASSOCIATED METHODS

(71) Netflix, Inc.
(21) 2023263516 (22) 09.11.2023
(54) Automatic trailer detection in multimedia content

(71) Novartis AG
(21) 2023263519 (22) 09.11.2023
(54) Methods for Preventing Cardiovascular Events Through Proprotein Convertase Subtilisin Kexin 9 (PCSK9) Protein Reduction

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(21) 2023263532

(71) Nurix Therapeutics, Inc.
(21) 2023266254 (22) 14.11.2023
(54) BIFUNCTIONAL COMPOUNDS FOR DEGRADING BTK VIA UBIQUITIN PROTEASOME PATHWAY

(71) onCOUR Pharma, Inc.
(21) 2023263476 (22) 08.11.2023
(54) IMMUNE-MODIFYING PARTICLES FOR THE TREATMENT OF INFLAMMATION

(71) Outreach Corporation
(21) 2023263553 (22) 10.11.2023
(54) AUTOMATED COMMUNICATION IN AN EMAIL SYNCHRONIZATION AND WORKFLOW SYSTEM

(71) Phenix Real Time Solutions, Inc.
(21) 2023263484 (22) 08.11.2023
(54) SIMULATING A LOCAL EXPERIENCE BY LIVE STREAMING SHARABLE VIEWPOINTS OF A LIVE EVENT

(71) Powell, S.
(21) 2023263536 (22) 10.11.2023
(54) Face shield assembly and method

(71) Precision BioSciences, Inc.
(21) 2023263542 (22) 10.11.2023
(54) Engineered meganucleases specific for recognition sequences in the Hepatitis B virus genome

(71) Professional Dietetics S.p.A.
(21) 2023266256 (22) 14.11.2023
(54) COMPOSITIONS COMPRISING AMINO ACIDS FOR USE IN THE TREATMENT OF MITOCHONDRIAL DYSFUNCTION-RELATED DISEASES

(71) Progressive IP Limited
(21) 2023266252 (22) 14.11.2023
(54) IMPROVEMENTS IN & RELATING TO POWERED RAKES & ACCESSORIES PROVIDING GRADING

(71) Pumpa, D.
(21) 2023263492 (22) 09.11.2023
(54) A METHOD OF SENDING REGISTERED MAIL VIA ELECTRONIC AND PHYSICAL INTEGRATION

(71) RAYTHEON BBN TECHNOLOGIES, CORP.
(21) 2023266249 (22) 14.11.2023
(54) IMPROVED SIMULTANEOUS TRANSMIT SIGNALS AND RECEIVE SIGNALS

(71) RE DEPOSIT Solutions GmbH
(21) 2023263564 (22) 10.11.2023
(54) CLEANING CARTRIDGE FOR A DEPOSIT CONTAINER REDEMPTION DEVICE, DEPOSIT CONTAINER REDEMPTION DEVICE, METHOD FOR CLEANING A DEPOSIT CONTAINER REDEMPTION DEVICE, AND COMPUTER-READABLE MEDIUM WITH INSTRUCTIONS FOR A DEPOSIT CONTAINER REDEMPTION DEVICE

(71) Rite-Hite Holding Corporation
(21) 2023263541 (22) 10.11.2023
(54) Impact resistant retractable safety barriers

(71) Robert Bosch GmbH
(21) 2023263549 (22) 10.11.2023
(54) Roll control system and vehicle

(71) Rock Fuel Innovations Limited
(21) 2023263528 (22) 10.11.2023
(54) UNDERGROUND GASIFICATION

(71) Rovi Guides, Inc.
(21) 2023263556 (22) 10.11.2023
(54) Methods and systems for selecting supplemental content for display near a user device during presentation of a media asset on the user device

(71) SAFETY SPONGE SHOES PTY LTD
(21) 2023266250 (22) 14.11.2023
(54) SAFETY SPONGE SHOES

(71) Saluda Medical Pty Limited
(21) 2023263572 (22) 11.11.2023
(54) Device and Method for Processing Parameters associated with Electrophysiological Responses

(71) Samsung Electronics Co., Ltd.
(21) 2023263467 (22) 08.11.2023
(54) DEVICE AND METHOD FOR ENCODING MOTION VECTOR, AND DEVICE AND METHOD FOR DECODING MOTION VECTOR

(71) See-Out Pty Ltd.
(21) 2023263508 (22) 09.11.2023
(54) Image classification and labeling

(71) Shenzhen Angui Technology Co., Ltd.
(21) 2023263525 (22) 09.11.2023
(54) COMBINED WIRING-FREE LUMINAIRE ACTUATING DEVICE AND ASSEMBLY METHOD THEREOF

(71) Sonos, Inc.
(21) 2023266275 (22) 15.11.2023
(54) Systems and methods for selective wake word detection using neural network models

(71) STONE FACADE COMPANY LIMITED
(21) 2023263540 (22) 10.11.2023
(54) FAÇADE SYSTEM

(71) STONE FACADE COMPANY LIMITED
(21) 2023266225 (22) 13.11.2023
(54) VENEER AND FIXING SYSTEM

(71) Stryker Corporation
(21) 2023263565 (22) 10.11.2023
(54) Sterile barrier assembly, mounting system, and method for coupling surgical components

(71) Stryker European Operations Limited
(21) 2023263530 (22) 10.11.2023
(54) Electrosurgical electrode and electrosurgical tool for conveying electrical energy

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(71) SUNGROW (SHANGHAI) CO., LTD.
(21) 2023263498 (22) 09.11.2023
(54) Communication method, apparatus and system

(71) Sungrow Energy Storage Technology Co., Ltd.
(21) 2023263547 (22) 10.11.2023
(54) Energy storage system

(71) Sungrow Power Supply Co., Ltd.
(21) 2023263527 (22) 10.11.2023
(54) Method and apparatus for controlling multi-battery charging system, and multi-battery charging apparatus

(71) SUNGROW POWER SUPPLY CO., LTD.
(21) 2023263509 (22) 09.11.2023
(54) Reactor and electrical device

(71) Syedain, Z.; Tranquillo, R.
(21) 2023265966 (22) 13.11.2023
(54) PROSTHETIC VALVES AND METHODS OF MAKING

(71) Techtronic Cordless GP
(21) 2023263513 (22) 09.11.2023
(54) Battery cell carrier for battery pack

(71) Techtronic Cordless GP
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(54) Single-switch snow thrower and power tools including methods of operation

(71) Techtronic Cordless GP
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(54) Log splitter actuation assembly

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(21) 2023263573

(71) The Fynder Group, Inc.
(21) 2023263566 (22) 10.11.2023
(54) FOOD MATERIALS COMPRISING FILAMENTOUS FUNGAL PARTICLES AND MEMBRANE BIOREACTOR DESIGN

(71) The Institute of Cancer Research: Royal Cancer Hospital; Cancer Research Technology Limited
(21) 2023263501 (22) 09.11.2023
(54) BCL6 inhibitors

(71) The Johns Hopkins University
(21) 2023266246 (22) 14.11.2023

(54) Compositions and methods comprising improvements of CRISPR guide RNAs using the H1 promoter

(71) The Raymond Corporation
(21) 2023263545 (22) 10.11.2023
(54) Systems and methods for bystander pose estimation for industrial vehicles

(71) The Trustees of the University of Pennsylvania; Novartis AG
(21) 2023263532 (22) 10.11.2023
(54) Buffers for stabilization of lentiviral preparations

(71) The Wizard Cooler
(21) 2023263574 (22) 12.11.2023
(54) A Can cooler/holder with a thread top and bottom to connect multiple holders together on top of each other

(71) Toshiba Energy Systems & Solutions Corporation
(21) 2023266230 (22) 13.11.2023
(54) Rotary machine diagnostic device and rotary machine diagnostic method

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(71) Transportation IP Holdings, LLC
(21) 2023263531 (22) 10.11.2023
(54) SYSTEM AND METHOD FOR CONTROLLED CHARGING OF VEHICLE ENERGY STORAGE DEVICE

(71) Transportation IP Holdings, LLC
(21) 2023263575 (22) 13.11.2023
(54) MULTI-STAGE RAM ASSEMBLY FOR PRODUCT DELIVERY

(71) Trina Solar Co., Ltd
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(54) Hybrid solar battery and photovoltaic module

(71) TuSimple, Inc.
(21) 2023266229 (22) 13.11.2023
(54) Data-driven prediction-based system and method for trajectory planning of autonomous vehicles

(71) University of Virginia Patent Foundation, d/b/a University of Virginia Licensing and Ventures Group
(21) 2023266248 (22) 14.11.2023
(54) System, method, and computer readable medium for a basal rate profile adaptation algorithm for closed-loop artificial pancreas systems

(71) ViaSat, Inc.
(21) 2023263520 (22) 09.11.2023
(54) BROADBAND SATELLITE COMMUNICATION SYSTEM USING OPTICAL FEEDER LINKS

(71) Vitec, Inc.
(21) 2023263552 (22) 10.11.2023
(54) Distribution and playback of media content

(71) Xard Group Pty Ltd
(21) 2023263571 (22) 10.11.2023
(54) DIGITAL TRANSACTION APPARATUS, SYSTEM, AND METHOD WITH A VIRTUAL COMPANION CARD

(71) Ynsect
(21) 2023266260 (22) 14.11.2023
(54) Therapeutic uses of an insect powder

(71) Ynsect; Cargill, Incorporated
(21) 2023266263 (22) 14.11.2023
(54) GEL COMPRISING A LIQUID COPRODUCT FROM AGRO-INDUSTRY AND USE THEREOF FOR REARING INSECTS

(71) ZHEJIANG JINKO SOLAR CO., LTD.; JINKO SOLAR CO., LTD.
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(54) SOLAR CELL, PHOTOVOLTAIC MODULE, AND METHOD FOR MANUFACTURING A SILICON SUBSTRATE

(71) Zhejiang Yankon Group. Co., Ltd.; Energetic Lighting Australia Pty Ltd.
(21) 2023263482 (22) 08.11.2023
(54) LED Lamp Cap

(71) Zhou, Y.
(21) 2023263534 (22) 10.11.2023
(54) An integrated groundsheet affixing system

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		2023266243	Edgesmith Limited

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2023266249 RAYTHEON BBN TECHNOLOGIES, CORP.
2023266250 SAFETY SPONGE SHOES PTY LTD
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2023266268 Aristocrat Technologies Australia Pty Limited
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2023266274 Trina Solar Co., Ltd
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2023266283 Geissler Companies, LLC

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Applications listed below were processed through the Patent Office Canberra during the period ending 7 Nov 2023 .
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

(71) LI, Y.

(21) 2023100093 **(22)** 07.11.2023

(54) A MULTIDIRECTIONAL PUNCH-
ING MACHINE FOR UNDERTAKING
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(62) 2023100015

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Applications Lapsed, Refused Or Withdrawn, Patents Ceased or Expired

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

The codes next to each number have the following meanings:

Code	Meaning
1	Application Lapsed Section 142(2)(a)
3	Application Lapsed Section 142(2)(c)
4	Application Lapsed Section 142(2)(d)
5	Application Lapsed Section 142(2)(e)
6	Application Lapsed Section 142(2)(f)/Reg. 13.5A(2)/Reg. 8.3(3)
7	Application Lapsed Reg. 3.2A(3)/Reg. 3.2C
8	Application Lapsed Reg. 3.4(6)
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12	Application Withdrawn Section 141(1)
13	Application Withdrawn Section 141(2)/Reg 13.1C\Section 141(3)/See Reg 8.3(2)
14	Patent Ceased Section 143(a), or Expired
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16	Application Refused
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)
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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
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 2021266241 (5C) 2021266310 (5C) 2021269340 (5C)
 2021269402 (5C) 2021269437 (5C) 2021273602 (5C)
 2021277590 (5C) 2021290231 (5C)

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2022200151 (5C) 2022200334 (5C) 2022200355 (5C)
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 2022218637 (5C) 2022218638 (5C) 2022228130 (5CN)
 2022241459 (5C) 2022263593 (12C) 2022271403 (4C)
 2022903346 (12AN) 2022903416 (12AN) 2022903535 (12AN)

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2023201042 (12C) 2023201196 (12C) 2023201421 (12C)
 2023201916 (12C) 2023202535 (12C) 2023216799 (1B)
 2023216853 (1B) 2023216891 (1B) 2023216892 (1B)
 2023216906 (1B) 2023217592 (1B) 2023219883 (7AN)
 2023219885 (1B) 2023219917 (1B) 2023221919 (7AN)
 2023222820 (7AN)

Assignments before Grant, Section 113

2017

2017212717 Sorrento Therapeutics, Inc. The application has been assigned to **YUHAN CORPORATION**

Assignments before Grant, Section 113

2017289304 Serturner Corp.; Intrexon Corporation The application has been assigned to **Antheia, Inc.**

2017310541 Aerase, Inc. The application has been assigned to **Immedica Pharma AB**

2017385424 EGI Tech (Shen Zhen) Co., Limited The application has been assigned to **QINGDAO MGI Tech Co., Ltd.**

2018

2018306139 Farina, Walter; Consejo Nacional de Investigaciones Cientificas y Tecnicas (CONICET); Universidad de Buenos Aires The application has been assigned to **Consejo Nacional de Investigaciones Cientificas y Tecnicas (CONICET); Universidad de Buenos Aires**

2018378485 AERase, Inc. The application has been assigned to **Immedica Pharma AB**

2018378590 Applied Genetic Technologies Corporation The application has been assigned to **Beacon Therapeutics Limited**

2018409844 General Electric Company The application has been assigned to **GE Infrastructure Technology LLC**

2018446413 General Electric Company The application has been assigned to **LM Wind Power A/S**

2018447565 General Electric Company The application has been assigned to **LM Wind Power A/S**

2018448937 EGI Tech (Shen Zhen) Co., Limited The application has been assigned to **QINGDAO MGI Tech Co., Ltd.**

2018452334 General Electric Company The application has been assigned to **LM Wind Power A/S**

2019

2019362059 AERase, Inc. The application has been assigned to **Immedica Pharma AB**

2019445584 EGI Tech (Shen Zhen) Co., Limited The application has been assigned to **QINGDAO MGI Tech Co., Ltd.**

2020

2020294159 Sorrento Therapeutics, Inc. The application has been assigned to **YUHAN CORPORATION**

2020302711 Stratos Genomics, Inc. The application has been assigned to **F. Hoffmann-La Roche AG**

2020335905 Aeglea Biotherapeutics, Inc. The application has been assigned to **Immedica Pharma AB**

2020337910 Conry, Ronald The application has been assigned to **PINOAK MANAGEMENT PTY. LTD.**

Assignments before Grant, Section 113

2021

2021204716 SenSen Networks Group Pty Ltd The application has been assigned to **Angel Group Co., Ltd.**

2021236557 Shire Human Genetic Therapies, Inc. The application has been assigned to **Takeda Pharmaceutical Company Limited**

2021245931 Sorrento Therapeutics, Inc. The application has been assigned to **YUHAN CORPORATION**

2021254564 Shire Human Genetic Therapies, Inc. The application has been assigned to **Takeda Pharmaceutical Company Limited**

2021266230 Sony Corporation of America; Sony Corporation The application has been assigned to **Sony Group Corporation**

2021298659 Sensen Networks Group Pty Ltd The application has been assigned to **Angel Group Co., Ltd.**

2021316219 Trade Secret Chocolates; Rubin, Matthew The application has been assigned to **True Essence Foods Inc.; Rubin, Matthew**

2021318518 Trade Secret Chocolates The application has been assigned to **True Essence Foods Inc.**

2021376374 SEMIOND, Dorothee; VEYRAT-FOLLET, Christine; Sanofi-Aventis U.S. LLC; THAI, Hoai-Thu; VAN DE VELDE, Helgi The application has been assigned to **Sanofi-Aventis U.S. LLC**

2022

2022204560 SenSen Networks Group Pty Ltd The application has been assigned to **Angel Group Co., Ltd.**

2022205271 Lymphact - Lymphocyte Activation Technologies S. A. The application has been assigned to **GammaDelta Therapeutics Ltd**

2022205368 TRADE SECRET CHOCOLATES The application has been assigned to **True Essence Foods Inc.**

2022224692 GODIN, Norman; Biomedix S.A. The application has been assigned to **Biomedix S.A.**

2022291472 Sensen Networks Group Pty Ltd The application has been assigned to **Angel Group Co., Ltd.**

2022903578 THE UNIVERSITY OF SYDNEY The application has been assigned to **ImmuneSignatures Pty Ltd**

2023

2023204287 Novartis AG The application has been assigned to **BAUSCH + LOMB IRELAND LIMITED**

2023258427 Harper, Gordon; Baxter, Jonathan The application has been assigned to **KHE Limited**

Assignments before Grant, Section 113

2023900818 Commonwealth Scientific and Industrial Research Organisation; Monash University The application has been assigned to **Glia Diagnostics Pty Ltd; Monash University**

2023901430 Infratech Industries Pty Ltd The application has been assigned to **Lyra Holdings Pty LTD ATF Lyra Trust**

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.

2006

2006204334 **Cortendo AB (publ)** An application to extend the time from 10 Jan 2023 to 10 Nov 2023 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2015

2015358297 **ITC IP Holdings No 1 Pty Ltd** An application to extend the time from 04 Dec 2022 to 04 Nov 2023 in which to pay a renewal fee has been filed . Address for service - Jogias Patent & Trade Marks Attorneys 36 Manor Street EIGHT MILE PLAINS QLD 4113 AU

2016

2016405754 **ROC WATER TECHNOLOGIES (PTY) LTD** An application to extend the time from 25 Mar 2023 to 25 May 2024 in which to gain acceptance has been filed . Address for service - Adams Pluck PO Box 905 HORNSBY NSW 2077 AU

2017

2017228844 **MYA Saray, LLC** An application to extend the time from 28 Feb 2023 to 28 Sep 2023 in which to pay a renewal fee has been filed . Address for service - LAMINAR IP PTY LTD PO Box 599 Milsons Point NSW 1565 AU

2019

2019212585 **Hall, P.; Eriksson, M.** An application to extend the time from 24 Jan 2023 to 24 Sep 2023 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

Applications Allowed - Section 223(2)**2014**

2014346562 **The Board of Trustees of the Leland Stanford Junior University** The time in which to pay a renewal fee has been extended to 07 Jul 2023 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2021

2021205853 **THE CHINESE UNIVERSITY OF HONG KONG; GRAIL, INC.** The time in which to enter the National Phase has been extended to 08 Aug 2023 . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

Extensions of Time, Section 223

2021378075 **EUROPEAN MOLECULAR BIOLOGY LABORATORY; BOREA THERAPEUTICS S.R.L.** The time in which to comply with a direction under Reg 3.2C has been extended to 02 Nov 2023 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2022

2022263476 **Graham, D.** The time in which to pay the acceptance fee has been extended to 01 Nov 2023 . Address for service - Automation Engineers U 12 26 Park Rd Mulgrave NSW 2756 AU

2023

2023203835 **Baxter Healthcare SA; Baxter International Inc.** The time in which to request examination has been extended to 04 Oct 2023 . Address for service - Maxwells Patent & Trade Mark Attorneys Pty Ltd PO Box R1466 SYDNEY NSW 1225 AU

2023214288 **Children's Medical Center Corporation** The time in which to comply with a direction under Reg 3.2A has been extended to 11 Nov 2023 . Address for service - Southern Cross Intellectual Property PO Box 8026 Wellington 6140 NZ

2023216811 **Imprenditore Pty Limited** The time in which to comply with a direction under Reg 3.2A has been extended to 21 Nov 2023 . Address for service - Wallington-Dummer Suite 1005 Level 10 66 Hunter Street Sydney NSW 2000 AU

2023223008 **University of Wollongong** The time in which to make a further application for a divisional patent has been extended to 13 Sep 2023 . Address for service - Mohammed Al Towairqi PO Box 5352 Wollongong NSW 2520 AU

2023241354 **Avidbots** The time in which to claim the convention priority date has been extended to 05 Nov 2023 . Address for service - Avidbots PO Box 700 West Perth WA 6872 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.

2015

2015224401 **TEXTILE REINFORCED MEMBRANES Hazlehurst, M.** The nature of the amendment is as shown in the statement(s) filed 13 Oct 2023 . Address for service - CreateIP PO Box 21445 Edgeware Christchurch 8143 NZ

2016

2016298394 **Ancestral virus sequences and uses thereof Massachusetts Eye and Ear Infirmary ; Schepens Eye Research Institute** The nature of the amendment is as shown in the statement(s)

Amendments

filed 16 Oct 2023 . Address for service - RnB IP Pty Ltd PO Box 9530 DEAKIN ACT 2600 AU

2018

2018364749 Use of riluzole prodrugs to treat ataxias **Biohaven Pharmaceutical Holding Company Ltd.** The nature of the amendment is as shown in the statement(s) filed 08 Nov 2023 . Address for service - AJ PARK GPO Box 2513 Sydney NSW 2001 AU

2018390274 Therapeutic agent for glaucoma comprising FP agonist and β blocker **Ono Pharmaceutical Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 30 Oct 2023 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2019

2019239098 Quantifying usage of disparate computing resources as a single unit of measure **InfraSight Software Corporation** The nature of the amendment is as shown in the statement(s) filed 07 Nov 2023 . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2019278527 Pyrazole derivative and harmful organism-controlling agent **Kumiai Chemical Industry Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 09 Oct 2023 . Address for service - Patent Attorney Services 26 Ellingworth Parade BOX HILL VIC 3128 AU

2020

2020101324 Multi-participant live communication user interface **Apple Inc.** The nature of the amendment is as shown in the statement(s) filed 07 Nov 2023 . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

2020357554 Content item sharing with context **Dropbox, Inc.** The nature of the amendment is as shown in the statement(s) filed 31 Oct 2023 . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

2020381240 Therapeutic combinations of acalabrutinib and capivasertib to treat B-cell malignancies **AstraZeneca AB** The nature of the amendment is as shown in the statement(s) filed 08 Nov 2023 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2020392064 Deployment of indoor positioning systems **International Business Machines Corporation** The nature of the amendment is as shown in the statement(s) filed 08 Nov 2023 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

Amendments Made

2013

2013266981 **Flexopack S.A.** The nature of the amendment is: Amend the name of the inventor to read Gkinosatis, Dimitris

2016

2016211161 **The Regents of The University of California** The nature of the amendment is as shown in the statement(s) filed 15 Jun 2023

Amendments

2016329542 **Ospedale San Raffaele S.r.l.; Fondazione Centro San Raffaele** The nature of the amendment is as shown in the statement(s) filed 08 Aug 2023

2017

2017210650 **LAA Industries Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 17 Dec 2021

2018

2018215520 **Alcon Inc.** The nature of the amendment is as shown in the statement(s) filed 06 Jul 2023

2018239935 **FMC Corporation** The nature of the amendment is: Amend the name of the inventor to read Chen, Yuzhong and Shapiro, Rafael

2018262416 **Colebrook Bosson & Saunders (Products) Limited** The nature of the amendment is as shown in the statement(s) filed 11 Aug 2023

2019

2019200734 **Flexopack S.A.** The nature of the amendment is: Amend the name of the inventor to read Gkinosatis, Dimitris

2019245933 **CDE Global Limited** The nature of the amendment is: Amend the invention title to read APPARATUS FOR GRADING AND WASHING SAND

2021

2021202522 **Pfizer Inc.** The nature of the amendment is as shown in the statement(s) filed 10 Aug 2023

2021217693 **Stout Industrial Technology, Inc.** The nature of the amendment is: Amend the name of the inventor to read SNYDER, Steven T.; ANTLE, Jeffrey L. and GRANT, David

2021221723 **Hyperion Technology Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2021107687

2021221738 **Ayonz Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2021107688

2021259286 **National Products, Inc.** The nature of the amendment is: Amend the invention title to read Protective sleeve for a mobile device comprising an inner connector adapted to the mobile device and an external connector for appliances

2021439233 **MOON (GUANGZHOU) BIOTECH CO., LTD.** The nature of the amendment is: Amend the invention title to read BACTERIAL STRAIN, COMPOSITION, DRUG FOR USE IN COMBINATION AND USE

2022

2022218710 **TAKEDA PHARMACEUTICAL COMPANY LIMITED** The nature of the amendment is as shown in the statement(s) filed 15 Aug 2023 and 02 Oct 2023

2022227829 **FASTWAVE MEDICAL INC.** The nature of the amendment is: Amend the name of the inventor to read ANDERSON, Edward; HATCHER, Brady; BEYREIS, Randy; NELSON, Scott; SUN, JiChao;

Amendments

ORTEGA, Laura; DUERR, Joe; PAULING, Ae-Suk; KIEFER, Daryl; GOH, Bryan; DEAN, Dannah; SIMMON, Marc; GOREHAM-VOSS, Curtis; HAGEN, Parker; TIESO, Tristan and ENO, Lauren

202227829 **FASTWAVE MEDICAL INC.** The nature of the amendment is: Amend the name of the inventor to read ANDERSON, Edward; HATCHER, Brady; BEYREIS, Randy; NELSON, Scott; SUN, JiChao; ORTEGA, Laura; DUERR, Joe; KIEFER, Daryl; DEAN, Dannah; GOREHAM-VOSS, Curtis; HAGEN, Parker; TIESO, Tristan and ENO, Lauren

202228443 **PULMATRIX OPERATING COMPANY, INC.** The nature of the amendment is: Amend the invention title to read Dihydroergotamine dry powder formulations and methods of use

2022235614 **Apple Inc.** The nature of the amendment is as shown in the statement(s) filed 04 Aug 2023

2022265553 **QUANDELA** The nature of the amendment is: Amend the invention title to read METHOD FOR HIGH-PRECISION COUPLING OF AN OPTICAL FIBER WITH A PHOTONIC DEVICE AND IMPLEMENTATION MICROSTRUCTURE

2022269054 **BIRCHBIOMED INC.** The nature of the amendment is: Amend the invention title to read METHODS OF USING A SMALL MOLECULE CHEMICAL COMPOUND TO REDUCE THE APPEARANCE OF POST-ACNE ATROPHIC SCARRING

2022273867 **THE GENERAL HOSPITAL CORPORATION** The nature of the amendment is: Amend the invention title to read MOLECULAR PROBES FOR IN VIVO DETECTION OF ALDEHYDES

2022281940 **DAEWOONG PHARMACEUTICAL CO., LTD.** The nature of the amendment is: Amend the invention title to read NEW FORMULATION FOR INJECTION COMPRISING 1-(5-(2,4-DIFLUOROPHENYL)-1-((3-FLUOROPHENYL)SULFONYL)-4-METHOXY-1H-PYRROL-3-YL)-N-METHYLMETHANAMINE

2022291633 **IdentityRent Pty Ltd** The nature of the amendment is: Amend divisional details to read PCT/AU2021/050706

2022306327 **ISHIHARA SANGYO KAISHA, LTD.** The nature of the amendment is: Amend the invention title to read Nematicidal composition

2022420567 **LG ENERGY SOLUTION, LTD.** The nature of the amendment is: Amend the invention title to read Battery system, and ESS and vehicle including the same

2022424649 **LG ENERGY SOLUTION, LTD.** The nature of the amendment is: Amend the invention title to read Battery module, battery pack including the battery module, and energy storage system and vehicle including the battery pack

2022427353 **LG ENERGY SOLUTION, LTD.** The nature of the amendment is: Amend the invention title to read Battery module, battery pack including the battery module, and energy storage system and vehicle including the battery pack

2022431598 **LG ENERGY SOLUTION, LTD.** The nature of the amendment is: Amend the invention title to read Battery state estimating apparatus and method

Amendments

2023

2023233055 **The Regents of the University of California** The nature of the amendment is: Amend the invention title to read MESOPOROUS SILICA NANOPARTICLES WITH LIPID BILAYER COATING FOR CARGO DELIVERY

2023248177 **Seattle Children's Hospital d/b/a Seattle Children's Research Institute** The nature of the amendment is as shown in the statement(s) filed 18 Oct 2023

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

1999

1999038944 Wyeth The name of the patentee has been altered to **Wyeth LLC**

2006

2006223226 Wyeth The name of the patentee has been altered to **Wyeth LLC**

2006308921 Wyeth The name of the patentee has been altered to **Wyeth LLC**

2010

2010279678 EMERGENT BIODEFENCE OPERATIONS LANSING LLC The name of the patentee has been altered to **EMERGENT BIODEFENCE OPERATIONS LANSING LLC**

2010313273 EMERGENT BIODEFENCE OPERATIONS LANSING LLC The name of the patentee has been altered to **EMERGENT BIODEFENCE OPERATIONS LANSING LLC**

2012

2012275036 Wyeth The name of the patentee has been altered to **Wyeth LLC**

2013

2013368486 WANdisco, Inc. The name of the patentee has been altered to **Cirata, Inc.**

2013368487 WANdisco, Inc. The name of the patentee has been altered to **Cirata, Inc.**

2014

2014238484 WANdisco, Inc. The name of the patentee has been altered to **Cirata, Inc.**

2014262195 Nilfisk-Advance A/S The name of the patentee has been altered to **Nilfisk A/S**

2014312103 WANdisco, Inc. The name of the patentee has been altered to **Cirata, Inc.**

2015

2015241457 WANdisco, Inc. The name of the patentee has been altered to **Cirata, Inc.**

Amendments

2017

2017246883 Phosplatin Therapeutics Inc. The name of the patentee has been altered to **Promontory Therapeutics Inc.**

2018

2018203052 7424401 Manitoba Ltd., dba Bushel Plus The name of the patentee has been altered to **Bushel Plus Ltd.**

2018236167 WANdisco, Inc. The name of the patentee has been altered to **Cirata, Inc.**

2018327339 Phosplatin Therapeutics Inc. The name of the applicant has been altered to **Promontory Therapeutics Inc.**

2018391325 Axelia Oncology Pty Ltd The name of the applicant has been altered to **Axelia Oncology Pty Ltd**

2019

2019236685 WANdisco, Inc. The name of the patentee has been altered to **Cirata, Inc.**

2019261669 Shortek Systems Inc. The name of the applicant has been altered to **1710705 Alberta Inc.**

2019298894 WANdisco, Inc. The name of the applicant has been altered to **Cirata, Inc.**

2019347897 WANdisco, Inc. The name of the applicant has been altered to **Cirata, Inc.**

2019371362 WANdisco, Inc. The name of the applicant has been altered to **Cirata, Inc.**

2021

2021290111 WANdisco, Inc. The name of the patentee has been altered to **Cirata, Inc.**

2021329212 WANdisco, Inc. The name of the applicant has been altered to **Cirata, Inc.**

2021349285 WASH YOUR MOUTH DENTAL, LLC The name of the applicant has been altered to **Slate Dental, Inc.**

2022

2022273867 THE GENERAL HOSPITAL CORPORATION; Peter CARAVAN ; Yingying NING ; Hua MA; Sergey SHUVAEV; Eman AKAM The name of the applicant has been altered to **THE GENERAL HOSPITAL CORPORATION**

2023

2023900527 RSE IP Pty Ltd The name of the applicant has been altered to **IMRA IP PTY LTD**

2023900528 RSE IP Pty Ltd The name of the applicant has been altered to **IMRA IP PTY LTD**

2023900529 RSE IP Pty Ltd The name of the applicant has been altered to **IMRA IP PTY LTD**

Amendments

2023901398 Neolixir Pty Ltd The name of the applicant has been altered to **Neolixir Limited**

2023902363 RSE IP Pty Ltd The name of the applicant has been altered to **IMRA IP PTY LTD**

2023902983 Phibion Pty Ltd The name of the applicant has been altered to **Phibion Pty Ltd; University of Queensland**

2023903472 Stanners, Richard; Signage Solutions Limited The name of the applicant has been altered to **Stanners, R.; Signage Systems Limited**

Applications Open to Public Inspection

Name Index

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

<p>(71) 1 Space Pty Ltd (11) AU-A-2023258445 (21) 2023258445 (22) 03.11.2023 (54) Modular Buildings (51) Int. Cl. <i>E04B 1/348</i> (2006.01) <i>E04B 1/343</i> (2006.01) <i>E04H 1/00</i> (2006.01) (43) 23.11.2023 (62) 2021203202 (72) Susan Unger (74) Golja Haines & Friend</p>	<p>(71) Adient Aerospace, LLC (11) AU-A-2023201852 (21) 2023201852 (22) 24.03.2023 (54) Dual operation emergency passage egress system (51) Int. Cl. <i>E05D 15/06</i> (2006.01) <i>B64D 11/00</i> (2006.01) (31) 17/738,657 (32) 06.05.22 (33) US (43) 23.11.2023 (72) Scottford, Timothy; Morgan, Paul; Raikes, Robert; Edwards, Paul (74) Spruson & Ferguson</p>	<p>(71) Aprofol AG (11) AU-A-2023258405 (21) 2023258405 (22) 02.11.2023 (54) Folate salts for medical use (51) Int. Cl. <i>C07D 475/04</i> (2006.01) <i>A61K 31/519</i> (2006.01) <i>A61P 3/00</i> (2006.01) <i>A61P 25/00</i> (2006.01) <i>A61P 35/00</i> (2006.01) (43) 23.11.2023 (62) 2018340007 (72) Martin ULMANN; Gerd WIESLER; Arthur BODENMÜLLER; Markus MÜLLER (74) Alder IP Pty Ltd</p>
<p>(71) 4TEEN4 Pharmaceuticals GmbH (11) AU-A-2023258417 (21) 2023258417 (22) 02.11.2023 (54) Methods for determining DPP3 and therapeutic methods (51) Int. Cl. <i>G01N 33/68</i> (2006.01) <i>A61K 39/395</i> (2006.01) <i>G01N 33/574</i> (2006.01) (43) 23.11.2023 (62) 2017252212 (72) Andreas Bergmann (74) Davies Collison Cave Pty Ltd</p>	<p>(71) AJN Concepts Pty Ltd (11) AU-A-2023202433 (21) 2023202433 (22) 20.04.2023 (54) An Accessory for a Vehicle (51) Int. Cl. <i>B60P 3/36</i> (2006.01) <i>B60R 5/04</i> (2006.01) <i>B60P 3/42</i> (2006.01) <i>B60R 5/00</i> (2006.01) <i>B60R 11/00</i> (2006.01) <i>B60R 15/02</i> (2006.01) (31) 2022901168 (32) 04.05.22 (33) AU (43) 23.11.2023 (72) Nielsen, Jake Arthur (74) KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD</p>	<p>(71) Aristocrat Technologies, Inc. (11) AU-A-2023258442 (21) 2023258442 (22) 03.11.2023 (54) SYSTEM AND METHOD FOR CHANGING BEACON IDENTIFIERS FOR SECURE MOBILE COMMUNICATIONS (51) Int. Cl. <i>A63F 9/24</i> (2006.01) (43) 23.11.2023 (62) 2021202860 (72) Angelo PALMISANO; Eric TAYLOR; Steven SANTISI (74) Griffith Hack</p>
<p>(71) Ab Initio Technology LLC (11) AU-A-2023258402 (21) 2023258402 (22) 02.11.2023 (54) TECHNIQUES FOR DYNAMICALLY DEFINING A DATA RECORD FORMAT (51) Int. Cl. <i>G06F 16/00</i> (2019.01) (43) 23.11.2023 (62) 2018313808 (72) Robert FREUNDLICH (74) RnB IP Pty Ltd</p>	<p>(71) AMPLUS Co., Ltd. (11) AU-A-2022417274 (21) 2022417274 (22) 21.12.2022 (54) METHOD, APPARATUS, AND PROGRAM FOR CONTROLLING DISPLAY (51) Int. Cl. <i>G06T 7/00</i> (2017.01) (31) 2022-077045 (32) 09.05.22 (33) JP (43) 23.11.2023 (72) KURACHI Nobuhisa (74) Spruson & Ferguson</p>	<p>(71) Arundell, J. (11) AU-A-2022202888 (21) 2022202888 (22) 01.05.2022 (54) System and method for generating dynamic, data-driven interest rates for financial services products (51) Int. Cl. <i>G06Q 40/02</i> (2012.01) <i>G06N 20/00</i> (2019.01) (43) 23.11.2023 (72) Arundell, Jesse (74) Jesse Arundell</p>
<p>(71) Acer Incorporated (11) AU-A-2023202757 (21) 2023202757 (22) 03.05.2023 (54) METHOD AND USER EQUIPMENT FOR RECEPTION OF PHYSICAL DOWNLINK SHARED CHANNEL AND TRANSMISSION OF PHYSICAL UPLINK CONTROL CHANNEL (51) Int. Cl. <i>H04W 72/04</i> (2023.01) <i>H04L 27/00</i> (2006.01) <i>H04W 72/12</i> (2023.01) (31) 63/338,460 (32) 05.05.22 (33) US 18/302,797 19.04.23 US (43) 23.11.2023 (72) LO, Li-Chung; LEE, Chien-Min; CHEN, Jen-Hsien (74) Collison & Co</p>	<p>(71) Apple Inc. (11) AU-A-2023258443 (21) 2023258443 (22) 03.11.2023 (54) Activity trends and workouts (51) Int. Cl. <i>G16H 20/30</i> (2018.01) (43) 23.11.2023 (62) 2020268150 (72) Aled Hywel WILLIAMS; Julie A. ARNEY; Jay BLAHNIK; Gary Ian BUTCHER; Nicholas FELTON; Eamon F. GILRAVI; Stephen O. LEMAY; Matthew J. SUNDSTROM; Molly Pray WIEBE (74) FPA Patent Attorneys Pty Ltd</p>	<p>(71) Asahi Kasei Kabushiki Kaisha (11) AU-A-2023258461 (21) 2023258461 (22) 03.11.2023 (54) Device, method, and program (51) Int. Cl. <i>C01B 3/00</i> (2006.01) <i>C01B 3/02</i> (2006.01) <i>G06Q 10/06</i> (2023.01) <i>G06Q 30/02</i> (2023.01) <i>G06Q 50/06</i> (2012.01) (43) 23.11.2023 (62) 2020250405 (72) Goshu NAGINO; Hiroshi KAKIHIRA; Yohei ITOI (74) Griffith Hack</p>

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(74) Clark Intellectual Property Pty Ltd

(71) AVIVE, Inc.

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A61K 38/10 (2006.01)

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(51) Int. Cl.

A61M 5/168 (2006.01)

A61M 5/142 (2006.01)

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(74) Davies Collison Cave Pty Ltd

(71) B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.

(11) AU-A-2023258329

(21) 2023258329 (22) 30.10.2023

(54) Image data encoding/decoding method and apparatus

(51) Int. Cl.

H04N 19/625 (2014.01)

H04N 19/103 (2014.01)

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H04N 19/119 (2014.01)

H04N 19/124 (2014.01)

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(74) FB Rice Pty Ltd

(71) Baker Hughes Oilfield Operations LLC

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(54) Mechanical stepper

(51) Int. Cl.

F16H 27/02 (2006.01)

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(72) James Christopher Doane

(74) FPA Patent Attorneys Pty Ltd

(71) BARGENT THERAPEUTICS PTY LIMITED

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A61P 37/06 (2006.01)

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(72) HIBBERD, Adrian

(74) Pearce IP Pty Ltd

(71) Bayer CropScience Aktiengesellschaft

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(51) Int. Cl.

A01N 25/04 (2006.01)

A01N 25/06 (2006.01)

A01N 25/30 (2006.01)

A01N 43/30 (2006.01)

A01N 43/40 (2006.01)

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(72) Malcolm Faers; Howard Roger Dungworth; James Richard Wickson; Kathryn Marie Knight; James Alexander Flavell

(74) Davies Collison Cave Pty Ltd

(71) Becton, Dickinson and Company

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(54) INTEGRATED DISINFECTION DEVICE

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A61M 5/00 (2006.01)

A61M 39/16 (2006.01)

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(72) Shoshana SAN SOLO; Nicholas EREKOVCANSKI; Paul P. MARICI;

Richard TIMMERS; Gheorghe CO-JOCARIU; Bradley TONNIGES; Steve FITZ; Gregory ANDERSON; Gerald Leon BONCZYNSKI; Samantha R. GAR-RABRANT

(74) Dark IP

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(71) Beyond Capital LP

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(54) IMPROVEMENTS IN AND RELATING TO COMPOSITIONS, METHODS AND USES, FOR: ALLEVIATING CONDITIONS CAUSED BY, OR RELATED TO, CHRONIC INFLAMMATION; AND/OR REDUCING CHRONIC INFLAMMATION

(51) Int. Cl.

A61K 35/618 (2015.01)

A61K 9/00 (2006.01)

A61K 9/20 (2006.01)

A61K 9/48 (2006.01)

A61K 31/737 (2006.01)

A61K 38/39 (2006.01)

A61P 19/02 (2006.01)

A61P 29/00 (2006.01)

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(72) Lu, Jun

(74) James & Wells Intellectual Property

(71) Blackhawk Network, Inc.

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(54) A system for payment via electronic wallet

(51) Int. Cl.

G06Q 20/36 (2012.01)

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(72) Tomas Ariel Campos; Keith Miller; Teri Llach; Kellie D. Harper; Ansar Ansari

(74) Davies Collison Cave Pty Ltd

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(21) 2023202818

(71) Boston Scientific Scimed, Inc.

(11) AU-A-2023263444

(21) 2023263444 (22) 07.11.2023

(54) Adhesive penile construction template and urethra scaffold tube for neophallus surgery

(51) Int. Cl.

A61F 2/26 (2006.01)

A61B 17/322 (2006.01)

A61B 90/00 (2016.01)

A61F 2/04 (2013.01)

A61F 13/02 (2006.01)

A61L 27/36 (2006.01)

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 (74) Spruson & Ferguson

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 (21) 2023263445 (22) 07.11.2023
 (54) Inflatable penile prosthesis with a structured cylinder
 (51) Int. Cl.
A61F 2/26 (2006.01)
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 (72) James Ryan MUJWID; Jessica Elizabeth FELTON; Ryan Earl FREDRICK; John Anders BOSTROM; Thomas Andrew ALBRECHT; Mark Edward DILORETO; Mitul SHAH
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(71) Capital One Services, LLC
 (11) AU-A-2023258419
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 (54) Systems and methods for cryptographic authentication of contactless cards
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G06F 21/31 (2013.01)
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 (72) Kaitlin NEWMAN; Kimberly HAYNES; Charles Nathan CRANK; Andrew COG-SWELL; Colin HART; Jeffrey RULE; Lara MOSSLER; Latika GULATI; Abdelkader BENKREIRA; Sarah Jane CUNNINGHAM; Sophie BERMUDEZ; Michael MOSSOBA; Wayne LUTZ
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 (11) AU-A-2023202407
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 (54) STABILITY SYSTEM FOR AN ARTICULATED MACHINE IN A COASTING MODE
 (51) Int. Cl.
E02F 9/26 (2006.01)
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 (72) SHATTERS, Aaron R.; BERRY, Jeffrey K.; CURRIER, Shaun D.
 (74) FPA Patent Attorneys Pty Ltd

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 (11) AU-A-2023202409
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 (54) STABILITY SYSTEM FOR AN ARTICULATED MACHINE
 (51) Int. Cl.
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 (72) SHATTERS, Aaron R.; CLER, Eric W.
 (74) FPA Patent Attorneys Pty Ltd

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A63F 9/00 (2006.01)
A63F 3/04 (2006.01)
G06Q 30/02 (2012.01)
G07F 17/32 (2006.01)
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 (72) Catthien, Bria
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(71) Chengdu Shangyi Information Technology Co., Ltd.
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G16H 20/30 (2018.01)
A61B 5/024 (2006.01)
A63B 24/00 (2006.01)
A63B 71/00 (2006.01)
G06N 20/10 (2019.01)
G16H 50/70 (2018.01)
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 (74) Davies Collison Cave Pty Ltd

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 (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD

(71) CLENERGY TECHNOLOGY CO., LTD.
 (11) AU-A-2023263458
 (21) 2023263458 (22) 07.11.2023
 (54) CABLE CLAMP FOR PHOTOVOLTAIC POWER PLANT
 (51) Int. Cl.
H02G 3/32 (2006.01)
H01R 13/58 (2006.01)
H01R 13/621 (2006.01)
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 (72) Dongquan LIN
 (74) CLENERGY TECHNOLOGY CO., LTD.

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C12Q 1/68 (2018.01)
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 (72) Irvin Mark MODLIN; Mark KIDD; Ignat DROZDOV
 (74) Spruson & Ferguson

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 (21) 2023258381

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 (11) AU-A-2023258382
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 (51) Int. Cl.
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 (54) Cotton Variety Sicot 746B3F
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A01H 5/00 (2018.01)
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C12N 15/82 (2006.01)
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C07K 14/52 (2006.01)
A61K 38/19 (2006.01)
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 (74) ALLENS PATENT & TRADE MARK ATTORNEYS
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E06B 7/32 (2006.01)
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- (31) 2022901229 (32) 09.05.22 (33) AU
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 (72) MOUNAJED, Michael
 (74) Patenteur Pty Ltd
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- (71) CVRx, Inc.
 (11) AU-A-2023201215
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 (54) External baroreflex activation for assessment and treatment
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A61B 5/0205 (2006.01)
A61B 5/024 (2006.01)
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 (74) Spruson & Ferguson
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- (71) DAREX, LLC
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 (51) Int. Cl.
B26B 1/08 (2006.01)
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 (74) Davies Collision Cave Pty Ltd
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E04C 2/26 (2006.01)
B32B 3/12 (2006.01)
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 (74) A.P.T. Patent and Trade Mark Attorneys
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- (71) Derrick Corporation
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 (54) METHOD AND APPARATUS FOR SCREENING
 (51) Int. Cl.
B07B 1/46 (2006.01)
B01D 33/03 (2006.01)
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 (54) LINE PROTECTION METHOD AND RELATED APPARATUS FOR FLEXIBLE GROUNDING SYSTEM OF POWER DISTRIBUTION NETWORK
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 (74) Baxter Patent Attorneys Pty Ltd
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- (71) EQUIFAX, INC.; FIDELITY INFORMATION SERVICES, LLC
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H04W 12/00 (2021.01)
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 (72) Richard Huffman; Richard Michaelson; Ravindra Bijlani; Shriram Salem; Rob Harris; Vivian Van Zyl; Helcio Cano; Gaurav R. Khanna; Esther Pigg; Marty Romain
 (74) RnB IP Pty Ltd
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 (54) Verifying an identity based on multiple distributed data sources using a blockchain to safeguard the identity
 (51) Int. Cl.
H04L 9/32 (2006.01)
H04L 9/06 (2006.01)
- (43) 23.11.2023
 (62) 2017397325
 (72) Sri KRISHNAMACHARYA; Quang LE; Stan TIGRETT; Russ AYRES
 (74) FB Rice Pty Ltd
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- (71) ERESERVE PTY LTD
 (11) AU-A-2023258455
 (21) 2023258455 (22) 03.11.2023
 (54) System for the Monitoring of Copyrighted Material
 (51) Int. Cl.
G06F 21/10 (2013.01)
G06F 17/40 (2006.01)
G06Q 10/00 (2023.01)
- (43) 23.11.2023
 (62) 2021221533
 (72) Karey PATTERSON
 (74) Wallington-Dummer
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- (71) ESS Tech, Inc.
 (11) AU-A-2023263432
 (21) 2023263432 (22) 06.11.2023
 (54) Electrolytes for iron flow battery
 (51) Int. Cl.
H01M 8/18 (2006.01)
H01M 8/04186 (2016.01)
H01M 8/04701 (2016.01)
H01M 8/04791 (2016.01)
- (43) 23.11.2023
 (62) 2018221581
 (72) Craig E. Evans; Yang Song
 (74) WRAYS PTY LTD

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(21) 2023263428

(71) FISHER & PAYKEL HEALTHCARE LIMITED
(11) AU-A-2023258426
(21) 2023258426 (22) 03.11.2023
(54) RESPIRATORY ASSISTANCE APPARATUS
(51) Int. Cl.
A61M 16/00 (2006.01)
A61M 16/12 (2006.01)
G01N 29/024 (2006.01)
(43) 23.11.2023
(62) 2021221906
(72) Dean Antony BARKER; Mikael Douglas STEWART; Peter Geoffrey HAWKINS; Kevin Peter O'DONNELL; Russel William BURGESS
(74) AJ PARK

(71) Fisher & Paykel Healthcare Limited
(11) AU-A-2023258369
(21) 2023258369 (22) 31.10.2023
(54) ZONE HEATING FOR RESPIRATORY CIRCUITS
(51) Int. Cl.
A61M 16/00 (2006.01)
(43) 23.11.2023
(62) 2020250181
(72) Matthew Liam Buswell; Thomas James Edwards; Helen Cuddy; Gavin Walsh Millar; Helgard Oosthuysen; Andre Van Schalkwyk; Ping Si; Sinaa Alnashi; Kieran Michael Orchard; Ibrahim Al-Tiay; Elmo Benson Stoks; Charles Christopher North; Matthew Robert Wilson; Paul James Tonkin; Ian Kwan Lee Wai
(74) AJ PARK

(71) Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.
(11) AU-A-2023258388
(21) 2023258388 (22) 01.11.2023
(54) Downmixer and method of downmixing
(51) Int. Cl.
G10L 19/008 (2013.01)
G10L 19/02 (2013.01)
H03G 5/16 (2006.01)
H04S 3/02 (2006.01)
(43) 23.11.2023
(62) 2020233210
(72) Franz REUTELHUBER; Bernd EDLER; Eleni FOTOPOULOU; Markus MULTRUS; Pallavi MABEN; Sascha DISCH
(74) FB Rice Pty Ltd

(71) Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.
(11) AU-A-2023263436
(21) 2023263436 (22) 07.11.2023
(54) Optimizing audio delivery for virtual reality applications

(51) Int. Cl.
H04N 21/81 (2011.01)
H04N 21/218 (2011.01)
H04N 21/2343 (2011.01)
H04N 21/439 (2011.01)
H04N 21/6587 (2011.01)
(43) 23.11.2023
(62) 2018348762
(72) Adrian MURTAZA; Harald FUCHS; Bernd CZELHAN; Jan PLOGSTIES; Matteo AGNELLI; Ingo HOFMANN
(74) Spruson & Ferguson

(71) Frequentis AG
(11) AU-A-2023202791
(21) 2023202791 (22) 04.05.2023
(54) System and Process for Correcting Notams using a Trained Machine Learning Algorithm
(51) Int. Cl.
G08G 5/00 (2006.01)
G06N 3/0442 (2023.01)
(31) EP22171918.0 (32) 05.05.22 (33) EP
(43) 23.11.2023
(72) Roman, Catalin-Horatiu; Morarasu, Miruna-Maria
(74) Eagar & Associates Pty Ltd

(71) Fresenius Kabi Deutschland GmbH
(11) AU-A-2023259220
(21) 2023259220 (22) 06.11.2023
(54) Needleless IV injection port
(51) Int. Cl.
A61M 39/26 (2006.01)
A61M 5/168 (2006.01)
A61M 39/10 (2006.01)
(43) 23.11.2023
(62) 2018289006
(72) Dana Wm. RYAN; Anthony E. RY-HERD; James M. KAISER
(74) Spruson & Ferguson

(71) Fresenius Kabi Deutschland GmbH
(11) AU-A-2023259624
(21) 2023259624 (22) 06.11.2023
(54) Needleless IV injection port
(51) Int. Cl.
A61M 39/26 (2006.01)
A61M 5/168 (2006.01)
A61M 39/10 (2006.01)
(43) 23.11.2023
(62) 2018289006
(72) Dana Wm. RYAN; Anthony E. RY-HERD; James M. KAISER
(74) Spruson & Ferguson

(71) G9 Holdings, LLC
(11) AU-A-2023258424
(21) 2023258424 (22) 02.11.2023
(54) PROJECTILE WITH ENHANCED BALISTICS
(51) Int. Cl.
F42B 8/12 (2006.01)
F42B 10/00 (2006.01)
F42B 12/00 (2006.01)

(43) 23.11.2023
(62) 2021202401
(72) Joshua Mahnke
(74) Madderns Pty Ltd

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(21) 2023258449

(71) GE Video Compression, LLC
(11) AU-A-2023258453
(21) 2023258453 (22) 03.11.2023
(54) Sample array coding for low-delay
(51) Int. Cl.
H03M 7/40 (2006.01)
(43) 23.11.2023
(62) 2022202573
(72) Valeri GEORGE; Anastasia HENKEL; Heiner KIRCHHOFFER; Detlev MARPE; Thomas SCHIERL
(74) Griffith Hack

(71) GW Research Limited
(11) AU-A-2023258400
(21) 2023258400 (22) 02.11.2023
(54) Use of cannabinoids in the treatment of epilepsy
(51) Int. Cl.
A61K 45/06 (2006.01)
A61K 31/352 (2006.01)
A61K 36/185 (2006.01)
A61P 25/08 (2006.01)
(43) 23.11.2023
(62) 2021204353
(72) Geoffrey Guy; Stephen Wright; Alice Mead; Orrin Devinsky
(74) FPA Patent Attorneys Pty Ltd

(71) HANSHOW TECHNOLOGY CO., LTD.
(11) AU-A-2023258451
(21) 2023258451 (22) 27.04.2023
(54) DYNAMIC FREQUENCY ALLOCATION METHOD FOR BASE STATION, SHELF LABEL SYSTEM AND COMPUTER DEVICE
(51) Int. Cl.
G06K 19/077 (2006.01)
G06F 18/00 (2023.01)
G06K 19/07 (2006.01)
G09F 3/20 (2006.01)
(31) 202210496841.0 (32) 09.05.22 (33) CN
(43) 23.11.2023
(72) LIANG, Min; JIANG, Qi; JI, Yaping
(74) Griffith Hack

(71) Huawei Technologies Co., Ltd.
(11) AU-A-2023258412
(21) 2023258412 (22) 02.11.2023
(54) PAGING METHOD AND APPARATUS
(51) Int. Cl.
H04W 64/00 (2009.01)
(43) 23.11.2023
(62) 2019467927
(72) Chenchen Yang; Yinghao Jin; Feng Han; Huan Li
(74) PHILLIPS ORMONDE FITZPATRICK

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 (11) AU-A-2022231777
 (21) 2022231777 (22) 16.09.2022
 (54) AN LED LIGHT STRIP BENDABLE IN ANY DIRECTION
 (51) Int. Cl.
F21S 4/24 (2016.01)
F21S 4/20 (2016.01)
F21S 4/22 (2016.01)
H01B 7/04 (2006.01)
 (31) 202221059547.5 (32) 05.05.22 (33) CN
 (43) 23.11.2023
 (72) Liu, Changgui; Shang, Chenghuo; Huang, Minfei
 (74) Alfred Lei
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- (71) Idemia Identity & Security France
 (11) AU-A-2023202247
 (21) 2023202247 (22) 12.04.2023
 (54) Method for generating a palm image based on partial images of a palm
 (51) Int. Cl.
G06T 3/00 (2006.01)
G06F 21/32 (2013.01)
G06T 7/00 (2017.01)
 (31) FR2204184 (32) 03.05.22 (33) FR
 (43) 23.11.2023
 (72) MABYALAHT, Guy; KAZDAGHLI, Laurent
 (74) FPA Patent Attorneys Pty Ltd
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 (21) 2023258449
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- (71) IP Key Pty Ltd
 (11) AU-A-2023258413
 (21) 2023258413 (22) 02.11.2023
 (54) Frameworks and methodologies configured to enable integration of booking and access control for service providers
 (51) Int. Cl.
G06Q 10/02 (2012.01)
G06Q 50/12 (2012.01)
 (43) 23.11.2023
 (62) 2021205097
 (72) Giuseppe Maria Caffo; Lawrance Crestani
 (74) FORWARD INTELLECTUAL PROPERTY PTY LTD
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- (71) J A Redekop Holdings Ltd.
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 (21) 2022204149 (22) 14.06.2022
 (54) LAND ROLLER WITH REPLACEABLE CHOPPING BLADES
 (51) Int. Cl.
A01D 34/52 (2006.01)
 (31) 3,157,198 (32) 03.05.22 (33) CA
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- (43) 23.11.2023
 (72) Grass, Martin; Berg, Waldemar; Redekop, Johan
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
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- (71) JIANGSU HENGXIN TECHNOLOGY CO., LTD; JIANGSU HENGXIN WIRELESS TECHNOLOGY CO., LTD
 (11) AU-A-2022368368
 (21) 2022368368 (22) 23.08.2022
 (54) LOW-FREQUENCY FILTERING UNIT HAVING PATTERN WITH HIGH CONSISTENCY AND ANTENNA ARRAY
 (51) Int. Cl.
H01Q 1/38 (2006.01)
 (31) 202210498524.2 (32) 09.05.22 (33) CN
 (43) 23.11.2023
 (72) Li, Shu; SUN, Jian; XIE, Xianyu; ZHANG, Long; HUA, Yanping; WANG, Huibing
 (74) Eagar & Associates Pty Ltd
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- JIANGSU HENGXIN WIRELESS TECHNOLOGY CO., LTD see JIANGSU HENGXIN TECHNOLOGY CO., LTD**
 (21) 2022368368
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- Jinko Solar Co., Ltd. see Zhejiang Jinko Solar Co., Ltd.**
 (21) 2023258334
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 (21) 2023258335
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- (71) Jost-Werke Deutschland GmbH
 (11) AU-A-2023202711
 (21) 2023202711 (22) 02.05.2023
 (54) Fifth wheel coupling system, tractor vehicle, and tractor-semitrailer combination
 (51) Int. Cl.
B62D 53/08 (2006.01)
 (31) 10 2022 111 393.0 (32) 06.05.22 (33) DE
 (43) 23.11.2023
 (72) ALGÜERA, José Manuel; SAUPE, Swen; BOBAKI, Khairo
 (74) Spruson & Ferguson
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- Kim, Y. see Kim, S.J.**
 (21) 2023222944
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- Kim, Y.W.J. see Kim, S.J.**
 (21) 2023222944
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 (21) 2023222944
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- (71) Kim, S.J.; Kim, Y.; Kim, Y.W.J.; Kim, S.
 (11) AU-A-2023222944
 (21) 2023222944 (22) 31.08.2023
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- (54) Extracellular matrix-producing composition using MAST4 gene and preparation method therefor
 (51) Int. Cl.
C12N 5/077 (2010.01)
C12N 9/22 (2006.01)
C12N 15/10 (2006.01)
C12N 15/90 (2006.01)
 (43) 23.11.2023
 (62) 2018231559
 (72) Kim, Seong Jin; Jung, Han Sung; Takahashi, Satoru
 (74) FPA Patent Attorneys Pty Ltd
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- (71) Korea Food Research Institute
 (11) AU-A-2023255046
 (21) 2023255046 (22) 27.10.2023
 (54) Lactobacillus paracasei AO356 strain having anti-obesity activity and composition when used for preventing, alleviating or treating obesity including the same
 (51) Int. Cl.
A61K 35/747 (2015.01)
A23L 29/00 (2016.01)
A23L 33/135 (2016.01)
A61P 3/04 (2006.01)
A61P 29/00 (2006.01)
C12N 1/20 (2006.01)
G01N 33/50 (2006.01)
C12R 1/225 (2006.01)
 (43) 23.11.2023
 (62) 2020204029
 (72) Young Do NAM; So Young LEE; Hee Soon SHIN; So Lim PARK; Won Hyong CHUNG; Eun Sook LEE; Eun Ji SONG; Dong Uk SHIN
 (74) ALLENS PATENT & TRADE MARK ATTORNEYS
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- (71) Kowalewski, A.
 (11) AU-A-2022203053
 (21) 2022203053 (22) 06.05.2022
 (54) A STRAP
 (51) Int. Cl.
A45C 13/30 (2006.01)
A45F 3/14 (2006.01)
A45F 5/00 (2006.01)
 (43) 23.11.2023
 (72) Kowalewski, Andrew
 (74) Wynnes Patent and Trade Mark Attorneys Pty Ltd
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- (71) L.E.A.F. Holdings Group LLC
 (11) AU-A-2023263441
 (21) 2023263441 (22) 07.11.2023
 (54) Alpha And Gamma-D Polyglutamated Antifolates And Uses Thereof
 (51) Int. Cl.
A61K 45/06 (2006.01)
A61K 31/517 (2006.01)
A61P 35/00 (2006.01)
 (43) 23.11.2023
 (62) 2017308158
 (72) Clet Niyikiza; Victor Mandla Moyo
 (74) WRAYS PTY LTD
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(71) L.E.A.F. Holdings Group LLC
 (11) AU-A-2023263442
 (21) 2023263442 (22) 07.11.2023
 (54) Polyglutamated Antifolates And Uses Thereof
 (51) Int. Cl.
A61K 45/06 (2006.01)
A61K 31/517 (2006.01)
A61P 35/00 (2006.01)
 (43) 23.11.2023
 (62) 2017308159
 (72) Clet Niyikiza; Victor Mandla Moyo
 (74) WRAYS PTY LTD

(71) L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procèdes Georges Claude
 (11) AU-A-2023202498
 (21) 2023202498 (22) 24.04.2023
 (54) METHOD FOR THE START-UP OF AN ELECTROLYSIS SYSTEM
 (51) Int. Cl.
C25B 1/04 (2021.01)
B01D 53/02 (2006.01)
B01D 53/047 (2006.01)
C25B 1/02 (2006.01)
C25B 9/05 (2021.01)
 (31) 22171499.1 (32) 04.05.22 (33) EP
 (43) 23.11.2023
 (72) Combes, Gary
 (74) Madderns Pty Ltd

(71) Lashify, Inc.
 (11) AU-A-2023258430
 (21) 2023258430 (22) 03.11.2023
 (54) Stacking artificial lash extensions
 (51) Int. Cl.
A41G 5/02 (2006.01)
 (43) 23.11.2023
 (62) 2020358853
 (72) Sahara LOTTI
 (74) Spruson & Ferguson

(71) Leader Shining Material Co., Ltd.
 (11) AU-A-2022202974
 (21) 2022202974 (22) 03.05.2022
 (54) MODIFIED POLYVINYL BUTYRAL MATERIAL, AND PREPARATION AND APPLICATIONS THEREOF
 (51) Int. Cl.
C08L 29/14 (2006.01)
B32B 5/24 (2006.01)
B32B 27/08 (2006.01)
B32B 27/12 (2006.01)
B32B 27/36 (2006.01)
B32B 27/42 (2006.01)
C08J 9/00 (2006.01)
C08J 9/10 (2006.01)
B32B 5/02 (2006.01)
B32B 5/18 (2006.01)
B32B 7/12 (2006.01)
C08K 3/013 (2018.01)
C08K 3/26 (2006.01)
C08K 3/34 (2006.01)
C08K 5/00 (2006.01)
C08K 5/098 (2006.01)
C08K 5/29 (2006.01)
C08K 5/37 (2006.01)
C08K 5/40 (2006.01)

C08L 83/04 (2006.01)
 (43) 23.11.2023
 (72) Chang, Chi-Lo
 (74) Madderns Pty Ltd

(71) LG Electronics Inc.
 (11) AU-A-2023263426
 (21) 2023263426 (22) 06.11.2023
 (54) Image decoding method and device therefor
 (51) Int. Cl.
H04N 19/70 (2014.01)
H04N 19/124 (2014.01)
H04N 19/18 (2014.01)
H04N 19/186 (2014.01)
H04N 19/42 (2014.01)
 (43) 23.11.2023
 (62) 2020290306
 (72) Seethal PALURI; Seunghwan KIM; Jie ZHAO
 (74) Dentons Patent Attorneys Australasia Limited

(71) Lightcast Discovery Ltd
 (11) AU-A-2023258394
 (21) 2023258394 (22) 01.11.2023
 (54) Microdroplet manipulation device
 (51) Int. Cl.
B01L 3/00 (2006.01)
 (43) 23.11.2023
 (62) 2018288532
 (72) Thomas Henry ISAAC; Pedro CUNHA; Eoin SHERIDAN; David LOVE; Rebecca PALMER; Douglas J. KELLY; Gareth PODD
 (74) FB Rice Pty Ltd

(71) MAKO Surgical Corp.
 (11) AU-A-2023258341
 (21) 2023258341 (22) 31.10.2023
 (54) Steering mechanism for portable surgical robot
 (51) Int. Cl.
A61B 8/00 (2006.01)
A61B 34/30 (2016.01)
A61B 50/13 (2016.01)
 (43) 23.11.2023
 (62) 2022211868
 (72) Alan Ross; Paul Shiels
 (74) FB Rice Pty Ltd

(71) Massachusetts Eye and Ear Infirmary
 (11) AU-A-2023258414
 (21) 2023258414 (22) 02.11.2023
 (54) METHODS AND COMPOSITIONS FOR REGENERATING HAIR CELLS AND/OR SUPPORTING CELLS
 (51) Int. Cl.
A61K 31/7105 (2006.01)
A61K 31/195 (2006.01)
A61K 38/02 (2006.01)
A61K 48/00 (2006.01)
A61P 27/16 (2006.01)
C12N 5/071 (2010.01)
C12N 5/10 (2006.01)
C12N 15/63 (2006.01)

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 (62) 2020217408
 (72) Zheng-Yi Chen
 (74) RnB IP Pty Ltd

(71) Minerva Neurosciences, Inc.
 (11) AU-A-2023258386
 (21) 2023258386 (22) 01.11.2023
 (54) Compositions comprising 2-((1-(2-(4-Fluorophenyl)-2-oxoethyl)piperidin-4-yl)methyl)isoindolin-1-one for treating schizophrenia
 (51) Int. Cl.
C07D 401/06 (2006.01)
A61K 9/00 (2006.01)
A61K 31/454 (2006.01)
A61P 25/00 (2006.01)
 (43) 23.11.2023
 (62) 2021229240
 (72) Remy LUTHRINGER; Masahiro OKUYAMA; Nadine NOEL; Sandra WERNER
 (74) Spruson & Ferguson

(71) Mitsubishi Electric Corporation
 (11) AU-A-2023258330
 (21) 2023258330 (22) 30.10.2023
 (54) Outdoor unit and air conditioner
 (51) Int. Cl.
F24F 1/38 (2011.01)
F24F 1/56 (2011.01)
 (43) 23.11.2023
 (62) 2020431090
 (72) Kazuchika TSUCHIDA; Hiroki ASO; Takaya SHIMOKAWA; Ryogo TAKAHASHI; Daisuke MORISHITA
 (74) Griffith Hack

(71) Monsanto Technology LLC
 (11) AU-A-2023258401
 (21) 2023258401 (22) 02.11.2023
 (54) Microencapsulated herbicides
 (51) Int. Cl.
A01N 25/04 (2006.01)
A01N 25/28 (2006.01)
A01P 13/02 (2006.01)
 (43) 23.11.2023
 (62) 2018284252
 (72) John W. Hemminghaus; Neha Rana; Steven T. Voss; Junhua Zhang
 (74) Griffith Hack

(71) MosSmith Industries, Inc.
 (11) AU-A-2023258418
 (21) 2023258418 (22) 02.11.2023
 (54) Emergency response system
 (51) Int. Cl.
H04W 4/90 (2018.01)
G16H 40/67 (2018.01)
 (43) 23.11.2023
 (62) 2019247419
 (72) Padraig MACGABANN
 (74) FB Rice Pty Ltd

(71) Nan Ya Plastics Corporation
 (11) AU-A-2023200598

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 (54) Multifunctional chair
 (51) Int. Cl.
A47C 13/00 (2006.01)
A47C 4/00 (2006.01)
A47C 7/14 (2006.01)
 (31) 111204731 (32) 09.05.22 (33) TW 2218251.3 05.12.22 GB
 (43) 23.11.2023
 (72) WANG, Kuei-Yung
 (74) BOSH IP Pty Ltd
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- (71) Nicoventures Trading Limited; RAI Strategic Holdings Inc.
 (11) AU-A-2023258371
 (21) 2023258371 (22) 31.10.2023
 (54) Aerosolisable material
 (51) Int. Cl.
A24B 15/167 (2020.01)
A24B 15/30 (2006.01)
A24F 40/42 (2020.01)
A61K 31/352 (2006.01)
 (43) 23.11.2023
 (62) 2020364112
 (72) Michael Foster DAVIS; John Will CARAWAY; Ross Anthony CABOT; Maria MONTSERRAT SANCHEZ PENA; Ashley Micaela VILJOEN; Karina MCQUILLAN
 (74) Spruson & Ferguson
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- (71) Norwood Industries Inc.
 (11) AU-A-2023263439
 (21) 2023263439 (22) 07.11.2023
 (54) PLANER / MOULDER DRUM BRAKE
 (51) Int. Cl.
F16D 65/14 (2006.01)
B27C 1/14 (2006.01)
B27G 21/00 (2006.01)
F16D 49/10 (2006.01)
 (43) 23.11.2023
 (62) 2022215263
 (72) Sebastien Cabrit; Ashlynn Dale; Daniel Vanderheyden
 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) Nosyrev, S.V.
 (11) AU-A-2023251533
 (21) 2023251533 (22) 20.10.2023
 (54) DEVICE FOR CONTROLLING A CONTAINER, PARTICULARLY A BOT-TOM-DUMP CONTAINER
 (51) Int. Cl.
B66C 1/10 (2006.01)
B66C 1/42 (2006.01)
B66C 1/66 (2006.01)
B66C 13/08 (2006.01)
 (43) 23.11.2023
 (62) 2019292654
 (72) NOSYREV, Sergey Vasil'evich
 (74) Discover IP
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- (71) Nucor Corporation; Asia Fastening (US), Inc.
 (11) AU-A-2023263431
 (21) 2023263431 (22) 06.11.2023
 (54) Double threaded standoff fastener
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- (51) Int. Cl.
F16B 37/04 (2006.01)
F16B 33/00 (2006.01)
 (43) 23.11.2023
 (62) 2021236505
 (72) Lionel E. Dayton; Richard W. Lukes
 (74) Minter Ellison
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- (71) Ocag Pty Ltd
 (11) AU-A-2023202687
 (21) 2023202687 (22) 02.05.2023
 (54) FENCE WIRE RETAINING CLIP
 (51) Int. Cl.
E04H 17/10 (2006.01)
E04H 17/00 (2006.01)
E04H 17/04 (2006.01)
H01B 17/14 (2006.01)
 (31) 2022901193 (32) 05.05.22 (33) AU
 (43) 23.11.2023
 (72) O'Malley, Brian
 (74) Collison & Co
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- (71) Paloma Co., Ltd.
 (11) AU-A-2023202856
 (21) 2023202856 (22) 08.05.2023
 (54) Water heater
 (51) Int. Cl.
F23J 13/04 (2006.01)
F23J 13/06 (2006.01)
F23L 1/00 (2006.01)
F24H 1/00 (2022.01)
F24H 9/00 (2022.01)
 (31) 2022-077169 (32) 09.05.22 (33) JP
 (43) 23.11.2023
 (72) KAKIZAKI, Yusuke
 (74) Spruson & Ferguson
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- (71) Peking University; Beijing LongRuan Technologies, Inc.
 (11) AU-A-2023202859
 (21) 2023202859 (22) 08.05.2023
 (54) Method And Apparatus For Constructing Real-Geographic-Space Scene In Real Time
 (51) Int. Cl.
G06T 19/20 (2011.01)
H04N 13/10 (2018.01)
H04N 23/698 (2023.01)
 (31) 202210499659.0 (32) 09.05.22 (33) CN
 (43) 23.11.2023
 (72) MAO, Shanjun; FAN, Yingbo; LI, Ben; CHEN, Huazhou; LI, Xinchao
 (74) WRAYS PTY LTD
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- (71) Persephone GmbH
 (11) AU-A-2023258377
 (21) 2023258377 (22) 31.10.2023
 (54) Electronic platform for managing investment products
 (51) Int. Cl.
G06Q 40/04 (2012.01)
 (43) 23.11.2023
 (62) 2018204169
 (72) Christian Franz Günther
 (74) Ascot Martin Registered Patent & Trade Mark Attorneys
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- (71) Pindrop Security, Inc.
 (11) AU-A-2023258438
 (21) 2023258438 (22) 03.11.2023
 (54) SYSTEMS AND METHODS OF SPEAKER-INDEPENDENT EMBEDDING FOR IDENTIFICATION AND VERIFICATION FROM AUDIO
 (51) Int. Cl.
G10L 17/00 (2013.01)
G06N 20/00 (2019.01)
G10L 15/00 (2013.01)
 (43) 23.11.2023
 (62) 2021231850
 (72) Kedar PHATAK; Elie KHOURY
 (74) RnB IP Pty Ltd
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- (71) PINDROP SECURITY, INC.
 (11) AU-A-2023263421
 (21) 2023263421 (22) 06.11.2023
 (54) End-to-end speaker recognition using deep neural network
 (51) Int. Cl.
G10L 17/04 (2013.01)
G10L 17/18 (2013.01)
 (43) 23.11.2023
 (62) 2021286422
 (72) Elie KHOURY; Matthew GARLAND
 (74) Griffith Hack
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- (71) Prysmian S.p.A.
 (11) AU-A-2023202822
 (21) 2023202822 (22) 05.05.2023
 (54) Hybrid drop cable
 (51) Int. Cl.
H01B 7/18 (2006.01)
G02B 6/04 (2006.01)
H01B 7/17 (2006.01)
H01B 7/24 (2006.01)
H01B 7/40 (2006.01)
H01B 9/00 (2006.01)
H01B 11/22 (2006.01)
 (31) 102022000009440 (32) 09.05.22 (33) IT
 (43) 23.11.2023
 (72) Lavenne, Alain; Garcia San Emeterio, Marta; Hernandez, Gonzalo
 (74) Davies Collison Cave Pty Ltd
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- (71) QIAGEN Australia Holding Pty. Ltd.
 (11) AU-A-2023258370
 (21) 2023258370 (22) 31.10.2023
 (54) Use of amino acid sequences from Mycobacterium tuberculosis or corresponding nucleic acids thereof for diagnosis and prevention of tubercular infection, diagnostic kit and vaccine therefrom
 (51) Int. Cl.
C07K 14/35 (2006.01)
A61K 38/16 (2006.01)
C07K 16/12 (2006.01)
C12N 5/00 (2006.01)
C12Q 1/68 (2018.01)
G01N 33/569 (2006.01)
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 (62) 2021203796
 (72) Massimo Amicosante; Francesca Mariani; Vittorio Colizzi; Cesare Saltini
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tures Trading Limited**
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(71) Raven Industries, Inc.
(11) AU-A-2023258342
(21) 2023258342 (22) 31.10.2023
(54) SAFETY SYSTEM FOR AUTONOM-
OUS OPERATION OF OFF-ROAD
AND AGRICULTURAL VEHICLES US-
ING MACHINE LEARNING FOR DE-
TECTION AND IDENTIFICATION OF
OBSTACLES
(51) Int. Cl.
G06T 7/70 (2017.01)
A01B 69/00 (2006.01)
(43) 23.11.2023
(62) 2022268354
(72) Colin Hurd; Rahul Ramakrishnan; Mark
Barglof; Quincy Milloy; Thomas Antony
(74) Pizeys Patent and Trade Mark Attor-
neys Pty Ltd

(71) Raven Industries, Inc.
(11) AU-A-2023258379
(21) 2023258379 (22) 01.11.2023
(54) LOCALIZED PRODUCT INJECTION
SYSTEM AND METHODS FOR SAME
(51) Int. Cl.
A01C 23/00 (2006.01)
A01C 23/04 (2006.01)
A01G 25/02 (2006.01)
A01G 25/09 (2006.01)
A01G 25/16 (2006.01)
B05B 7/00 (2006.01)
B05B 7/24 (2006.01)
(43) 23.11.2023
(62) 2021209314
(72) John D. Preheim; Brent A. Driesen;
Nicholas O. Michael; Jared Ernest Ko-
cer
(74) Pizeys Patent and Trade Mark Attor-
neys Pty Ltd

(71) Revance Therapeutics, Inc.
(11) AU-A-2023229550
(21) 2023229550 (22) 14.09.2023
(54) Injectable botulinum toxin formulations
(51) Int. Cl.
A61K 39/08 (2006.01)
(43) 23.11.2023
(62) 2021200561
(72) Ruegg, Curtis L.; Stone, Hongran F.;
Waugh, Jacob M.
(74) FPA Patent Attorneys Pty Ltd

(71) Salera, D.
(11) AU-A-2023258458
(21) 2023258458 (22) 03.11.2023
(54) SOLAR POWERED STRUCTURE
(51) Int. Cl.
H02J 4/00 (2006.01)
H02J 15/00 (2006.01)

(43) 23.11.2023
(62) 2018223012
(72) Daniel Salera
(74) mdp Patent and Trade Mark Attorneys

(71) Secretary, Department of Atomic En-
ergy
(11) AU-A-2022215159
(21) 2022215159 (22) 08.08.2022
(54) Compact hydraulic pinned jaw crusher
system with high size reduction ratio
(51) Int. Cl.
B02C 1/06 (2006.01)
B02C 23/16 (2006.01)
(31) 202221026845 (32) 09.05.22 (33) IN
(43) 23.11.2023
(72) LADOLA, Y. S.; PAIK, Shrishma; T. M.,
Archana; CHOWDHURY, Sujit; SON-
AWANE, D. V.; SAHU, M. L.; BHAT-
TACHARYA, S.
(74) Spruson & Ferguson

(71) Seegene, Inc.
(11) AU-A-2023263429
(21) 2023263429 (22) 06.11.2023
(54) COMPUTER-IMPLEMENTED METH-
OD FOR COLLABORATIVE DEVEL-
OPMENT OF REAGENTS FOR DE-
TECTION OF TARGET NUCLEIC
ACIDS
(51) Int. Cl.
G16B 50/00 (2019.01)
G06Q 10/10 (2023.01)
G16B 35/00 (2019.01)
(43) 23.11.2023
(62) 2020291343
(72) Jong Yoon CHUN; Dae Hoon LEE;
Yun Jee KIM; Youn Chul CHOI; Young
Wook KIM
(74) Griffith Hack

(71) Seminis Vegetable Seeds, Inc.
(11) AU-A-2023202537
(21) 2023202537 (22) 27.04.2023
(54) Bean variety SVGG2118
(51) Int. Cl.
A01H 6/54 (2018.01)
(31) 17/735,701 (32) 03.05.22 (33) US
(43) 23.11.2023
(72) PLOUY, Alexis J.
(74) Davies Collison Cave Pty Ltd

(71) Shams, L.
(11) AU-A-2022203034
(21) 2022203034 (22) 05.05.2022
(54) Body sculpting garment
(51) Int. Cl.
A41C 1/08 (2006.01)
A41B 9/08 (2006.01)
A41C 1/02 (2006.01)
A41C 3/00 (2006.01)
A41D 1/22 (2018.01)
(31) 17/736,969 (32) 04.05.22 (33) US
(43) 23.11.2023
(72) Shams, Leila
(74) FPA Patent Attorneys Pty Ltd

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see HUIZHOU CLEAR LIGHTING CO., LTD.
(21) 2022231777

(71) Siemens Aktiengesellschaft
(11) AU-A-2023263448
(21) 2023263448 (22) 07.11.2023
(54) Controlling an energy exchange
(51) Int. Cl.
H02J 3/00 (2006.01)
H02J 3/06 (2006.01)
H02J 3/38 (2006.01)
H02J 3/48 (2006.01)
(43) 23.11.2023
(62) 2020333139
(72) Oliver DOELLE; Sebastian SCHRECK;
Sebastian THIEM
(74) Spruson & Ferguson

(71) Solar Sailor Pty Ltd
(11) AU-A-2023202898
(21) 2023202898 (22) 09.05.2023
(54) Waterborne Docking Assembly
(51) Int. Cl.
B63G 8/00 (2006.01)
B63B 21/66 (2006.01)
B63G 8/42 (2006.01)
B63B 27/08 (2006.01)
B63G 8/14 (2006.01)
(31) 2022901226 (32) 09.05.22 (33) AU
(43) 23.11.2023
(72) Dane, Robert
(74) Clark Intellectual Property Pty Ltd

(71) Sprint Bioscience AB
(11) AU-A-2023258375
(21) 2023258375 (22) 31.10.2023
(54) Pyridylpyridone Compounds
(51) Int. Cl.
C07D 213/73 (2006.01)
A61K 31/5377 (2006.01)
A61P 35/00 (2006.01)
C07D 213/75 (2006.01)
C07D 401/14 (2006.01)
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(43) 23.11.2023
(62) 2018320416
(72) Johan LINDSTRÖM; Rickard FORS-
BLOM; Tobias GINMAN; Fredrik RAHM;
Jenny VIKLUND
(74) WRAYS PTY LTD

(71) Steriline Racing Pty Ltd; Covey Asso-
ciates Pty. Ltd.
(11) AU-A-2023258423
(21) 2023258423 (22) 02.11.2023
(54) GREYHOUND RACING LURE AR-
RANGEMENT
(51) Int. Cl.
A63K 1/02 (2006.01)
A01K 15/02 (2006.01)
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(62) 2019364860
(72) John FARGHER; Kevin COVEY
(74) Madderns Pty Ltd

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 (11) AU-A-2023201007
 (21) 2023201007 (22) 21.02.2023
 (54) CONDUIT CLAMP ASSEMBLY FOR A FIBER CLOSURE
 (51) Int. Cl.
F16L 25/00 (2006.01)
F16L 37/084 (2006.01)
F16L 37/12 (2006.01)
F16L 37/22 (2006.01)
 (31) 202211026538 (32) 07.05.22 (33) IN
 (43) 23.11.2023
 (72) Ottavio, Borrelli; Cirisano, Emanuele Pietro
 (74) LAMINAR IP PTY LTD

(71) Sterlite Technologies Limited
 (11) AU-A-2023201008
 (21) 2023201008 (22) 21.02.2023
 (54) FIBER OPTIC CLOSURE
 (51) Int. Cl.
G02B 6/44 (2006.01)
G02B 6/255 (2006.01)
H02G 3/04 (2006.01)
 (31) 202211026513 (32) 07.05.22 (33) IN
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 (72) Ferdinando, Cammarota; Cirisano, Emanuele Pietro
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(71) Sterlite Technologies Limited
 (11) AU-A-2023201009
 (21) 2023201009 (22) 21.02.2023
 (54) FIBER BEND CONTROL FIXTURE
 (51) Int. Cl.
G02B 6/44 (2006.01)
 (31) 202211026495 (32) 07.05.22 (33) IN
 (43) 23.11.2023
 (72) El Allam, Sadek; Cirisano, Emanuele Pietro; Zuccarello, Sebastiano
 (74) LAMINAR IP PTY LTD

(71) Streben Pty Ltd; Bolwell, F.
 (11) AU-A-2023202818
 (21) 2023202818 (22) 05.05.2023
 (54) A MILK TEXTURING AND DISPENSING ASSEMBLY
 (51) Int. Cl.
A47J 31/41 (2006.01)
A47J 31/52 (2006.01)
A47J 31/60 (2006.01)
A47J 31/44 (2006.01)
 (31) 2022901196 (32) 05.05.22 (33) AU
 (43) 23.11.2023
 (72) Conis, Jason Paul
 (74) Michael Buck IP

(71) Synergie Medicale Brg Inc.
 (11) AU-A-2023258404
 (21) 2023258404 (22) 02.11.2023
 (54) SYSTEM FOR AUTOMATIC FILLING OF MEDICATION ORGANIZERS
 (51) Int. Cl.
A61J 7/00 (2006.01)
B65B 5/00 (2006.01)
B65B 35/06 (2006.01)

(43) 23.11.2023
 (62) 2018228284
 (72) Jean Boutin
 (74) Franke Hyland Pty Ltd

(71) Team Conveyer Intellectual Properties, LLC
 (11) AU-A-2023258403
 (21) 2023258403 (22) 02.11.2023
 (54) Coordinated conveyers in an automated system
 (51) Int. Cl.
B65G 1/137 (2006.01)
B65G 1/02 (2006.01)
B65G 1/04 (2006.01)
B65G 47/34 (2006.01)

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 (62) 2020271780
 (71) John G. GORMAN
 (74) FB Rice Pty Ltd

(71) Techtronic Cordless GP
 (11) AU-A-2023202493
 (21) 2023202493 (22) 24.04.2023
 (54) Creation of a virtual boundary for a robotic garden tool
 (51) Int. Cl.
G05D 1/02 (2020.01)
A01D 34/37 (2006.01)
 (31) 63/335,944 (32) 28.04.22 (33) US
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 (72) FAUTEUX, Denis Gaston; LEE, Hei Man; LAI, Hok Sum Sam; CHOI, Man Ho; NG, Ho Lam; LI, Shing Hin
 (74) Spruson & Ferguson

(71) Techtronic Cordless GP
 (11) AU-A-2023202727
 (21) 2023202727 (22) 02.05.2023
 (54) Wall-mountable storage system
 (51) Int. Cl.
H02J 7/00 (2006.01)
 (31) 63/338,319 (32) 04.05.22 (33) US
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 (72) IRWIN, Connor S.; WILLIAMS, Brianna E.; SANDOVAL, Gabriel J.; KNIGHT, Tyler H.; RABAGO, Raquel M.; POLITTE, Benjamin G.; DUONG, Ho Quynh Chau; GROVES, Jeffery; BRYAN, Frederick W.; JENKINS, J. Luke; HANKS, Nicolas J.; MOK, Kwok Ting; TSE, Ying Chung; MOK, Man Kit
 (74) Spruson & Ferguson

(71) Tencent America LLC
 (11) AU-A-2023258361
 (21) 2023258361 (22) 31.10.2023
 (54) METHOD FOR LAYERWISE RANDOM ACCESS IN A CODED VIDEO STREAM
 (51) Int. Cl.
H04N 19/105 (2014.01)
H04N 19/159 (2014.01)
H04N 19/172 (2014.01)
H04N 19/187 (2014.01)
H04N 19/30 (2014.01)

(43) 23.11.2023
 (62) 2020417163
 (72) Byeongdoo Choi; Shan Liu; Stephan Wenger
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) The General Hospital Corporation
 (11) AU-A-2023258349
 (21) 2023258349 (22) 31.10.2023
 (54) Multiplex guide RNAs
 (51) Int. Cl.
C12N 9/22 (2006.01)
 (43) 23.11.2023
 (62) 2021203309
 (72) Shengdar Tsai; Keith J. Joung
 (74) RnB IP Pty Ltd

(71) The George Institute For Global Health; The University of Sydney
 (11) AU-A-2023258387
 (21) 2023258387 (22) 01.11.2023
 (54) Compositions for the treatment of hypertension
 (51) Int. Cl.
A61K 31/41 (2006.01)
A61K 9/12 (2006.01)
A61K 31/165 (2006.01)
A61K 31/4418 (2006.01)
A61K 31/549 (2006.01)
 (43) 23.11.2023
 (62) 2017359607
 (72) Anthony Rodgers; Clara Chow
 (74) FB Rice Pty Ltd

(71) The Procter & Gamble Company
 (11) AU-A-2023258399
 (21) 2023258399 (22) 02.11.2023
 (54) Kits comprising unit-dose oral care compositions
 (51) Int. Cl.
A61K 8/02 (2006.01)
A61K 8/20 (2006.01)
A61K 8/27 (2006.01)
A61K 8/55 (2006.01)
A61K 8/73 (2006.01)
A61K 8/81 (2006.01)
A61Q 11/00 (2006.01)
 (43) 23.11.2023
 (62) 2020292451
 (72) Paul Albert SAGEL; Gregory T. JONES; Min MAO; Peter MIDDLETON; Natoshia PARNELL; Melissa Cherie PAYNE; Jeanette Marie SWARTZ
 (74) AJ PARK

(71) The Procter & Gamble Company
 (11) AU-A-2023258428
 (21) 2023258428 (22) 03.11.2023
 (54) ORAL CARE COMPOSITIONS FOR ACTIVE AGENT DELIVERY
 (51) Int. Cl.
A61K 8/06 (2006.01)
A61K 8/22 (2006.01)
A61K 8/49 (2006.01)
A61Q 11/00 (2006.01)

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 (72) Jayanth RAJIAH; Paul Albert SAGEL;
 Geoffrey Marc WISE
 (74) AJ PARK

The University of Sydney see The George
 Institute For Global Health
 (21) 2023258387

(71) TNBT Holdings Pty Limited
 (11) AU-A-2023202665
 (21) 2023202665 (22) 01.05.2023
 (54) Universal Key Head
 (51) Int. Cl.
E05B 19/04 (2006.01)
G06K 19/07 (2006.01)
G06K 19/077 (2006.01)
G07C 9/00 (2020.01)
 (31) 2022901166 (32) 04.05.22 (33) AU
 (43) 23.11.2023
 (72) Tariq, Mohammad Saad; Mascia,
 Daniel
 (74) Chrysiliou IP

(71) Topaz Trading Pty Ltd
 (11) AU-A-2023258383
 (21) 2023258383 (22) 01.11.2023
 (54) Threaded fastener pair, post anchor
 system and method of securing a post
 to a post anchor
 (51) Int. Cl.
F16B 35/04 (2006.01)
E04F 11/18 (2006.01)
E04H 12/22 (2006.01)
F16B 39/02 (2006.01)
 (43) 23.11.2023
 (62) 2020276319
 (72) Timothy SHEDDEN; Jamie SHEDDEN;
 Jason SHEDDEN
 (74) Cooper IP Pty Ltd

(71) Transportation IP Holdings, LLC
 (11) AU-A-2023202774
 (21) 2023202774 (22) 04.05.2023
 (54) COMMUNICATION MONITORING
 SYSTEM
 (51) Int. Cl.
H04W 72/04 (2023.01)
G01S 19/03 (2010.01)
H04B 17/309 (2015.01)
H04B 17/391 (2015.01)
H04W 24/02 (2009.01)
H04W 40/04 (2009.01)
H04W 52/28 (2009.01)
H04W 72/00 (2023.01)
H04W 72/12 (2023.01)
 (31) 63/339,729 (32) 09.05.22 (33) US
 18/301,806 17.04.23 US
 (43) 23.11.2023
 (72) Swar, Padam Dhoj; Craven, Stephen
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) TRINA SOLAR CO., LTD.
 (11) AU-A-2023251504
 (21) 2023251504 (22) 20.10.2023

(54) Solar cell, method for manufacturing
 the same, photovoltaic module, and
 photovoltaic system
 (51) Int. Cl.
H01L 31/04 (2014.01)
H01L 21/02 (2006.01)
H01L 31/0236 (2006.01)
H01L 31/18 (2006.01)
 (31) CN (32) 16.05.23 (33) CN
 202310548868.4
 (43) 23.11.2023
 (72) LIU, Chengfa; CHEN, Hong; CHEN,
 Daming; CHEN, Yifeng
 (74) Griffith Hack

(71) TRINA SOLAR CO., LTD.
 (11) AU-A-2023251513
 (21) 2023251513 (22) 20.10.2023
 (54) Method for manufacturing solar cell
 (51) Int. Cl.
H01L 31/18 (2006.01)
H01L 31/0216 (2014.01)
H01L 31/068 (2012.01)
 (31) CN (32) 16.05.23 (33) CN
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 (43) 23.11.2023
 (72) LIU, Chengfa; CHEN, Hong; CHEN,
 Daming; CHEN, Yifeng
 (74) Griffith Hack

(71) TRINA SOLAR CO., LTD.
 (11) AU-A-2023254962
 (21) 2023254962 (22) 26.10.2023
 (54) Solar cell, photovoltaic device, and
 photovoltaic system
 (51) Int. Cl.
H01L 31/0216 (2014.01)
H01L 31/04 (2014.01)
 (31) CN (32) 25.06.23 (33) CN
 202321618728.1
 (43) 23.11.2023
 (72) LIU, Chengfa; ZHANG, Shuai; CHEN,
 Hong; LU, Yugang; LI, Wanli; ZOU,
 Yang
 (74) Griffith Hack

(71) Tri Underground Australia Pty Ltd
 (11) AU-A-2023201316
 (21) 2023201316 (22) 03.03.2023
 (54) Lockable Inspection Covers
 (51) Int. Cl.
E02D 29/14 (2006.01)
 (31) 2022901125 (32) 29.04.22 (33) AU
 (43) 23.11.2023
 (72) GRAY, Jeremy
 (74) PIPERS

(71) Tri Underground Australia Pty Ltd
 (11) AU-A-2023201734
 (21) 2023201734 (22) 21.03.2023
 (54) Manhole Cover
 (51) Int. Cl.
E02D 29/14 (2006.01)
B29C 45/00 (2006.01)
B29K 77/00 (2006.01)
B29K 309/08 (2006.01)
B29L 31/00 (2006.01)

(31) 2022901224 (32) 09.05.22 (33) AU
 2022901259 12.05.22 AU
 (43) 23.11.2023
 (72) HYLTON, Amos; DAVIES, Ian Michael;
 GRAY, Jeremy
 (74) PIPERS

(71) Typhon Technology Solutions, LLC
 (11) AU-A-2023258385
 (21) 2023258385 (22) 01.11.2023
 (54) Mobile electric power generation for hy-
 draulic fracturing of subsurface geolo-
 gical formations
 (51) Int. Cl.
F02C 7/20 (2006.01)
F01D 25/28 (2006.01)
F02B 63/04 (2006.01)
F16M 3/00 (2006.01)
 (43) 23.11.2023
 (62) 2021245123
 (72) Jeffrey G. MORRIS; Adrian Benjamin
 BODISHBAUGH; Brett VANN
 (74) Spruson & Ferguson

(71) Ultra Hom LLC
 (11) AU-A-2023258347
 (21) 2023258347 (22) 31.10.2023
 (54) MEDICAL DEVICE WITH CMUT AR-
 RAY AND SOLID STATE COOLING,
 AND ASSOCIATED METHODS AND
 SYSTEMS
 (51) Int. Cl.
A61B 8/14 (2006.01)
A61N 7/00 (2006.01)
A61N 7/02 (2006.01)
H01L 23/48 (2006.01)
 (43) 23.11.2023
 (62) 2018332980
 (72) Arif Sanli ERGÜN; Andre KHOURY;
 Butrus T. KHURI-YAKUB; John N. IR-
 WIN III
 (74) IP GATEWAY PATENT & TRADE
 MARK ATTORNEYS PTY LTD

(71) Universite d'Evry Val d'Essonne;
 Genethon; INSERM (Institut National de
 la Santé et de la Recherche Médicale)
 (11) AU-A-2023258449
 (21) 2023258449 (22) 03.11.2023
 (54) Acid-alpha glucosidase variants and
 uses thereof
 (51) Int. Cl.
C12N 9/26 (2006.01)
 (43) 23.11.2023
 (62) 2017322376
 (72) Federico Mingozzi; Giuseppe Ronzitti
 (74) Davies Collison Cave Pty Ltd

(71) VENTUS THERAPEUTICS U.S., INC.
 (11) AU-A-2023263450
 (21) 2023263450 (22) 07.11.2023
 (54) PYRIDAZINE COMPOUNDS FOR IN-
 HIBITING NLRP3
 (51) Int. Cl.
C07D 237/20 (2006.01)
A61K 31/501 (2006.01)
A61K 31/502 (2006.01)

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(43) 23.11.2023
(62) 2022256052
(72) Stéphane DORICH; Jason BURCH; Miguel ST-ONGE; Amandine CHEFSON; Alexandre CÔTÉ; Ramsay BEVERIDGE; Stéphane CIBLAT
(74) Pearce IP Pty Ltd
-
- (71)** Viridian Glass GP Limited
(11) AU-A-2023202779
(21) 2023202779 **(22)** 04.05.2023
(54) Rack Assembly and Methods
(51) Int. Cl.
B65D 85/48 (2006.01)
B65D 19/44 (2006.01)
B60P 3/00 (2006.01)
(31) 787993 **(32)** 06.05.22 **(33)** NZ
(43) 23.11.2023
(72) RASMUSSEN, Geoff; ASHOK, Vignesh
(74) PIPERS
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- (71)** Voila Pooch
(11) AU-A-2023202877
(21) 2023202877 **(22)** 09.05.2023
(54) PORTABLE PET FOOD CONTAINER
(51) Int. Cl.
B65D 33/30 (2006.01)
B65D 33/17 (2006.01)
B65D 37/00 (2006.01)
(31) 17/662,522 **(32)** 09.05.22 **(33)** US
(43) 23.11.2023
(72) Yang, Hoyt; Kuo, Steven Hsing-Chang
(74) Michael Buck IP
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- (71)** Walmart Apollo, LLC
(11) AU-A-2023258390
(21) 2023258390 **(22)** 01.11.2023
(54) Automated proxy picker system for non-fungible goods
(51) Int. Cl.
G06Q 30/06 (2023.01)
(43) 23.11.2023
(62) 2018215091
(72) John G. Jr. Lert; William J. Fosnight
(74) Davies Collison Cave Pty Ltd
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- (71)** Walmart Apollo, LLC
(11) AU-A-2023258452
(21) 2023258452 **(22)** 03.11.2023
(54) Storage and retrieval system
(51) Int. Cl.
B65G 1/04 (2006.01)
(43) 23.11.2023
(62) 2021204720
(72) John Lert; William J. Fosnight
(74) Davies Collison Cave Pty Ltd
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- (71)** Wang, Z.
(11) AU-A-2022203377
(21) 2022203377 **(22)** 18.05.2022
(54) An underground in-situ pyrolysis mining technology for ultra-thick coal seams
(51) Int. Cl.
E21B 43/243 (2006.01)
E21B 43/295 (2006.01)
(31) 202210500511.4 **(32)** 09.05.22 **(33)** CN
(43) 23.11.2023
(72) Wang, Zhujun
(74) Amanda C.S.
-
- (71)** William Marsh Rice University
(11) AU-A-2023255013
(21) 2023255013 **(22)** 27.10.2023
(54) APPARATUS AND METHODS FOR MULTIPLEXED AMPLIFICATION AND DETECTION OF DNA USING CONVECTIONAL HEATING AND LABEL-FREE MICROARRAY
(51) Int. Cl.
B01L 7/00 (2006.01)
C12Q 1/00 (2006.01)
G01N 21/00 (2006.01)
G01N 21/62 (2006.01)
G01N 21/75 (2006.01)
(43) 23.11.2023
(62) 2019338531
(72) ZHANG, David Yu; KHODAKOV, Dmitriy A.; ZHANG, Xuemeng
(74) RnB IP Pty Ltd
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- (71)** Wix.com Ltd.
(11) AU-A-2023258422
(21) 2023258422 **(22)** 02.11.2023
(54) System integrating a mobile device application creation, editing and distribution system with a website design system
(51) Int. Cl.
G06F 3/048 (2013.01)
G06F 9/455 (2018.01)
G06F 15/16 (2006.01)
(43) 23.11.2023
(62) 2021204770
(72) Tal Kol; Noam Cocos; Noam Almog; Reuven J. Sherwin
(74) FPA Patent Attorneys Pty Ltd
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- (71)** Wonderland Switzerland AG
(11) AU-A-2023202552
(21) 2023202552 **(22)** 27.04.2023
(54) Baby Carriage
(51) Int. Cl.
B62B 7/12 (2006.01)
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- B62B 9/28** (2006.01)
(31) 202210489660.5 **(32)** 06.05.22 **(33)** CN
(43) 23.11.2023
(72) Yuan, Jialiang
(74) James & Wells Intellectual Property
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- (71)** Zhejiang Jinko Solar Co., Ltd.; Jinko Solar Co., Ltd.
(11) AU-A-2023258334
(21) 2023258334 **(22)** 30.10.2023
(54) PHOTOVOLTAIC CELL AND PHOTOVOLTAIC MODULE
(51) Int. Cl.
H01L 31/0236 (2006.01)
H01L 31/0216 (2014.01)
H01L 31/0224 (2006.01)
H01L 31/0352 (2006.01)
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(43) 23.11.2023
(62) 2022246370
(72) Jie Mao; Zhao Wang; Peiting Zheng; Jie Yang; Xinyu Zhang
(74) Madderns Pty Ltd
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- (71)** Zhejiang Jinko Solar Co., Ltd.; Jinko Solar Co., Ltd.
(11) AU-A-2023258335
(21) 2023258335 **(22)** 30.10.2023
(54) PHOTOVOLTAIC CELL AND PHOTOVOLTAIC MODULE
(51) Int. Cl.
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(62) 2022246372
(72) Jie Mao; Zhao Wang; Peiting Zheng; Jie Yang; Xinyu Zhang
(74) Madderns Pty Ltd

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2023263431 Nucor Corporation; Asia Fastening (US), Inc.
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2023263442 L.E.A.F. Holdings Group LLC
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2023263445 Boston Scientific Scimed, Inc.
2023263448 Siemens Aktiengesellschaft
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- . (*) Title not in Roman characters
- . (**) Title not given

<p>(71) ABBVIE INC. (11) AU-A-2022273023 (21) 2022273023 (22) 10.05.2022 (54) VENETOCLAX DOSING REGIMENS FOR USE IN TREATING MYELODYSPLASTIC SYNDROMES IN COMBINATION WITH AZACITIDINE (51) Int. Cl. A61K 31/167 (2006.01) A61K 31/18 (2006.01) A61K 31/337 (2006.01) (87) WO2022/240786 (31) 63/201,749 (32) 11.05.21 (33) US (43) 17.11.2022 (72) HAYSLIP, John; KYE, Steve, H.; AINSWORTH, William, B. (74) Spruson & Ferguson</p>	<p>(43) 03.11.2022 (72) ALMANSA-ROSALES, Carmen; VIRGILI-BERNADÓ, Marina; ALONSO-XALMA, Mónica; CHRISTMANN, Ute (74) James & Wells Intellectual Property</p>	<p>(43) 01.12.2022 (72) KEEDY, Kara, S.; WANG, Laurene (74) Eagar & Associates Pty Ltd</p>
<p>(71) ABBVIE INC. (11) AU-A-2022273615 (21) 2022273615 (22) 10.05.2022 (54) VENETOCLAX DOSING REGIMENS FOR USE IN TREATING MYELODYSPLASTIC SYNDROMES IN COMBINATION WITH A CYP3A INHIBITOR AND AZACITIDINE (51) Int. Cl. A61K 31/496 (2006.01) A61K 31/706 (2006.01) A61K 39/395 (2006.01) (87) WO2022/240788 (31) 63/201,743 (32) 11.05.21 (33) US (43) 17.11.2022 (72) HAYSLIP, John; KYE, Steve, H.; SALEM, Ahmed; ZHA, JiuHong (74) Spruson & Ferguson</p>	<p>(71) ADAMA MAKHTESHIM LTD. (11) AU-A-2022268726 (21) 2022268726 (22) 04.05.2022 (54) CRYSTALLINE FORMS OF 5-FLUORO-4-IMINO-3-METHYL-1-TOSYL-3,4-DIHYDROPYRIMIDIN-2-ONE, AND MIXTURES, COMPOSITIONS AND METHODS OF USE THEREOF (51) Int. Cl. C07D 239/47 (2006.01) A01N 43/54 (2006.01) (87) WO2022/234487 (31) 63/184,071 (32) 04.05.21 (33) US 63/184,074 04.05.21 US (43) 10.11.2022 (72) GIAFFREDA, Stefano Luca; MODENA, Enrico; IANNI, Cristina; PARISE, Chiara; SELLA-EREZ, Rotem; ARONHIME, Judith; SUEZ, Gal; SERT-CHOOK, Hanan (74) FB Rice Pty Ltd</p>	<p>(71) ALBIREO AB (11) AU-A-2022285893 (21) 2022285893 (22) 03.06.2022 (54) BENZOTHIA(DI)AZEPINE COMPOUNDS AND THEIR USE AS BILE ACID MODULATORS (51) Int. Cl. C07D 281/10 (2006.01) A61K 31/554 (2006.01) A61P 1/16 (2006.01) C07D 285/36 (2006.01) (87) WO2022/253997 (31) 202111024711 (32) 03.06.21 (33) IN (43) 08.12.2022 (72) GILLBERG, Per-Göran; STARKE, Ingemar; KULKARNI, Santosh S. (74) Spruson & Ferguson</p>
<p>(71) ACONDICIONAMIENTO TERRASSENSE (11) AU-A-2022263631 (21) 2022263631 (22) 29.04.2022 (54) PYRIDINE-SULFONAMIDE DERIVATIVES AS SIGMA LIGANDS (51) Int. Cl. C07D 401/12 (2006.01) A61K 31/444 (2006.01) A61P 25/00 (2006.01) C07D 213/74 (2006.01) C07D 401/14 (2006.01) C07D 403/12 (2006.01) C07D 413/04 (2006.01) C07D 413/14 (2006.01) C07D 471/10 (2006.01) C07D 491/10 (2006.01) C07D 498/08 (2006.01) (87) WO2022/229405 (31) 21382387.5 (32) 30.04.21 (33) EP</p>	<p>(71) AGILENT TECHNOLOGIES, INC. (11) AU-A-2022268912 (21) 2022268912 (22) 03.05.2022 (54) CHIMERIC IMMUNOGENS AND METHODS FOR MAKING POLYCLONAL ANTIBODIES AGAINST SPECIFIC EPITOPES (51) Int. Cl. C07K 14/00 (2006.01) C07K 16/00 (2006.01) (87) WO2022/235634 (31) 63/183,616 (32) 03.05.21 (33) US (43) 10.11.2022 (72) KUHNANU, Jesper; RASMUSSEN, Kim Krighaar (74) PHILLIPS ORMONDE FITZPATRICK</p>	<p>(71) ALNYLAM PHARMACEUTICALS, INC. (11) AU-A-2022280088 (21) 2022280088 (22) 27.05.2022 (54) COMPOSITIONS AND METHODS FOR SILENCING CARBONIC ANHYDRASE 2 EXPRESSION (51) Int. Cl. C12N 15/113 (2010.01) A61K 31/105 (2006.01) A61K 31/713 (2006.01) (87) WO2022/251629 (31) 63/194,073 (32) 27.05.21 (33) US 63/289,319 14.12.21 US (43) 01.12.2022 (72) ZUBER, Jeffrey; MCININCH, James D.; SCHLEGEL, Mark K.; CASTORENO, Adam (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd</p>
<p>(71) AIMMAX THERAPEUTICS, INC. (11) AU-A-2022283200 (21) 2022283200 (22) 23.05.2022 (54) PRISTINAMYCIN IA AND FLOPRISTIN COMBINATIONS IN TREATING OR PREVENTING BACTERIAL INFECTIONS (51) Int. Cl. A61K 31/33 (2006.01) A61K 31/395 (2006.01) C07D 403/14 (2006.01) A61P 31/04 (2006.01) (87) WO2022/251118 (31) 63/192,564 (32) 24.05.21 (33) US</p>	<p>(71) ALPHA COGNITION INC. (11) AU-A-2021445637 (21) 2021445637 (22) 14.05.2021 (54) SELF-PRESERVING COMPOSITIONS AND MULTI-USE DISPENSERS FOR ADMINISTERING ALPHA-1062 (51) Int. Cl. A61K 31/55 (2006.01) A01N 43/90 (2006.01) A01P 1/00 (2006.01) A61K 31/191 (2006.01) A61P 31/04 (2006.01) C07C 59/105 (2006.01) C07D 491/048 (2006.01) (87) WO2022/236396 (43) 17.11.2022 (72) SANCILIO, Fred D. (74) James & Wells Intellectual Property</p>	

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 (54) DIAGNOSIS AND TREATMENT OF MYELOID DISORDERS AND ACUTE LEUKEMIAS USING NOVEL TUMOR SPECIFIC ANTIGENS
 (51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/00 (2006.01)
A61P 35/00 (2006.01)
C07K 14/725 (2006.01)
G01N 33/53 (2006.01)
 (87) WO2022/214499
 (31) 63/170,976 (32) 05.04.21 (33) US
 (43) 13.10.2022
 (72) PIGAZZI, Martina; BIFFI, Alessandra
 (74) FB Rice Pty Ltd
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- (71) ALX ONCOLOGY INC.
 (11) AU-A-2022269073
 (21) 2022269073 (22) 06.05.2022
 (54) EXATECAN DERIVATIVES AND ANTI-BODY-DRUG CONJUGATES THERE-OF
 (51) Int. Cl.
C07D 491/12 (2006.01)
A61K 31/4745 (2006.01)
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A61P 35/00 (2006.01)
C07D 491/147 (2006.01)
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 (31) 63/185,736 (32) 07.05.21 (33) US
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 (43) 10.11.2022
 (72) VRLJIC, Marija; STROP, Peter; WONG, Janica Cheuk-ying; PONS, Jaume
 (74) Spruson & Ferguson
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 (21) 2022291836 (22) 16.06.2022
 (54) DRUG DELIVERY DEVICE HAVING SHOCK ABSORBER
 (51) Int. Cl.
A61M 5/20 (2006.01)
A61M 5/24 (2006.01)
A61M 5/31 (2006.01)
A61M 5/315 (2006.01)
A61M 5/32 (2006.01)
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 (72) PODER, Kasper; LAVMAND MULLER, David; WERNER HANSEN, Peter; EILERTSEN, Lars
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- (71) AMGEN INC.
 (11) AU-A-2022304662
 (21) 2022304662 (22) 29.06.2022
 (54) METHOD OF RECONSTITUTING LYOPHILIZED FORMULATION
 (51) Int. Cl.
C07K 16/28 (2006.01)
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A61P 35/00 (2006.01)
C07K 16/30 (2006.01)
 (87) WO2023/278585
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 (43) 05.01.2023
 (72) QI, Wei; REN, Cindy
 (74) Spruson & Ferguson
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- (71) AMPLUS Co., Ltd.
 (11) AU-A-2022417274
 (21) 2022417274 (22) 21.12.2022
 (54) METHOD, APPARATUS, AND PROGRAM FOR CONTROLLING DISPLAY
 (51) Int. Cl.
G06T 7/00 (2017.01)
 (31) 2022-077045 (32) 09.05.22 (33) JP
 (43) 23.11.2023
 (72) KURACHI Nobuhisa
 (74) Spruson & Ferguson
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- (71) ANJARIUM BIOSCIENCES AG
 (11) AU-A-2022258759
 (21) 2022258759 (22) 13.04.2022
 (54) PEPTIDES, NANOVESICLES, AND USES THEREOF FOR DRUG DELIVERY
 (51) Int. Cl.
C07K 14/715 (2006.01)
A61K 51/08 (2006.01)
C07K 16/00 (2006.01)
C12N 9/12 (2006.01)
 (87) WO2022/219075
 (31) 63/174,874 (32) 14.04.21 (33) US
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 (72) DE BEER, Joel; MAURER, Monique; MEIER, Nicolas; KUNALINGAM, Lavaniya; CLERICI, Marcello
 (74) FB Rice Pty Ltd
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 (11) AU-A-2021445963
 (21) 2021445963 (22) 18.05.2021
 (54) METHOD FOR MANUFACTURING DIRECT REDUCED IRON AND DRI MANUFACTURING EQUIPMENT
 (51) Int. Cl.
C21B 13/00 (2006.01)
C21B 13/02 (2006.01)
 (87) WO2022/243725
 (43) 24.11.2022
 (72) TSVIK, George; BOULANOV, Dmitri; REYES RODRIGUEZ, Jon; CARRIER, Odile; SALAME, Sarah; BARROS LORENZO, José; ANDRADE, Marcelo; LU, Dennis
 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) ARCELORMITTAL
 (11) AU-A-2021446056
 (21) 2021446056 (22) 18.05.2021
 (54) A METHOD FOR MANUFACTURING DIRECT REDUCED IRON
 (51) Int. Cl.
C21B 13/00 (2006.01)
C07C 1/12 (2006.01)
C25B 1/02 (2006.01)
 (87) WO2022/243726
 (43) 24.11.2022
 (72) TSVIK, George; BOULANOV, Dmitri; REYES RODRIGUEZ, Jon; CARRIER, Odile; SALAME, Sarah; BARROS LORENZO, José; ANDRADE, Marcelo; LU, Dennis
 (74) PHILLIPS ORMONDE FITZPATRICK
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 (11) AU-A-2022282846
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 (54) A METHOD FOR MANUFACTURING DIRECT REDUCED IRON
 (51) Int. Cl.
C21B 13/00 (2006.01)
C21B 13/02 (2006.01)
C07C 1/12 (2006.01)
 (87) WO2022/248987
 (31) PCT/ (32) 26.05.21 (33) IB
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 (43) 01.12.2022
 (72) SALAME, Sarah; CARRIER, Odile; BARROS LORENZO, José; REYES RODRIGUEZ, Jon; ANDRADE, Marcelo; BOULANOV, Dmitri; LU, Dennis; TSVIK, George
 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) ARSENAL BIOSCIENCES, INC.
 (11) AU-A-2022257004
 (21) 2022257004 (22) 13.04.2022
 (54) NON-VIRAL HOMOLOGY MEDIATED END JOINING
 (51) Int. Cl.
C12N 9/22 (2006.01)
C12N 15/113 (2010.01)
C12N 15/87 (2006.01)
A61K 48/00 (2006.01)
 (87) WO2022/221467
 (31) 63/174,468 (32) 13.04.21 (33) US
 (43) 20.10.2022
 (72) COOPER, Aaron; HSU, Pei-Ken; MOOT, Robert; TRUONG, Annie; GARDNER, Thomas; HSU, Brian
 (74) FB Rice Pty Ltd
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- (71) ASAHI GROUP HOLDINGS, LTD.; ASAHI BREWERIES, LTD.
 (11) AU-A-2022272209
 (21) 2022272209 (22) 09.05.2022
 (54) BEVERAGE POURING DEVICE, BEVERAGE POURING METHOD, AND BEVERAGE POURING SYSTEM
 (51) Int. Cl.
B67D 1/04 (2006.01)
B67D 1/08 (2006.01)
 (87) WO2022/239743
 (31) 2021-080608 (32) 11.05.21 (33) JP
 (43) 17.11.2022
 (72) MIYATANI, Tomohisa; WADA, Takashi; KUSUNOKI, Kenji; KOMURA, Takuya
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- (71) ASTELLAS GENE THERAPIES, INC.
 (11) AU-A-2022283262

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- (21) 2022283262 (22) 24.05.2022
 (54) COMPOSITIONS AND METHODS FOR IMPROVED TREATMENT OF X-LINKED MYOTUBULAR MYOPATHY
 (51) Int. Cl.
A61P 21/00 (2006.01)
C12N 7/00 (2006.01)
C12N 9/16 (2006.01)
 (87) WO2022/251208
 (31) 63/192,279 (32) 24.05.21 (33) US
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 (43) 01.12.2022
 (72) MILLER, Weston; BACHTTELL, Nathan
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
-
- (71) ASTELLAS PHARMA INC.; KOTOBUKI PHARMACEUTICAL CO., LTD.
 (11) AU-A-2022267160
 (21) 2022267160 (22) 27.04.2022
 (54) SUBSTITUTED TRIAZINE COMPOUND
 (51) Int. Cl.
C07D 253/07 (2006.01)
A61K 31/53 (2006.01)
A61K 31/5377 (2006.01)
A61K 31/55 (2006.01)
A61P 25/00 (2006.01)
A61P 29/00 (2006.01)
A61P 43/00 (2006.01)
C07D 401/12 (2006.01)
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 (72) INAGAKI, Yusuke; YAMASHITA, Yumi; TOYA, Hiroki; WASHIO, Takuya; TAKAHASHI, Fumie; SABA, Kengo; TOMIYAMA, Hiroshi; IWAI, Yoshinori; NAKAMURA, Akihiko
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
-
- (71) ASTRAZENECA AB
 (11) AU-A-2022274306
 (21) 2022274306 (22) 11.05.2022
 (54) INHIBITOR OF TYPE 1 INTERFERON RECEPTOR STEROID SPARING IN SYSTEMIC LUPUS ERYTHEMATOSUS PATIENTS
 (51) Int. Cl.
C07K 16/28 (2006.01)
A61K 9/00 (2006.01)
A61K 31/573 (2006.01)
A61K 45/06 (2006.01)
A61P 17/00 (2006.01)
A61P 19/02 (2006.01)
A61P 29/00 (2006.01)
A61P 37/00 (2006.01)
G01N 33/50 (2006.01)
 (87) WO2022/238479
 (31) 63/187,485 (32) 12.05.21 (33) US
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- (43) 17.11.2022
 (72) ABREU, Gabriel; TUMMALA, Rajendra
 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) ATAI THERAPEUTICS, INC.
 (11) AU-A-2022267240
 (21) 2022267240 (22) 26.04.2022
 (54) NOVEL N,N-DIMETHYLTRYPTAMINE COMPOSITIONS AND METHODS
 (51) Int. Cl.
A61P 25/00 (2006.01)
A61K 31/4045 (2006.01)
A61P 25/18 (2006.01)
 (87) WO2022/232179
 (31) 63/179,679 (32) 26.04.21 (33) US
 (43) 03.11.2022
 (72) SHORT, Glenn; RAO, Srinivas
 (74) Dennemeyer & Associates
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- (71) ATAI THERAPEUTICS, INC.
 (11) AU-A-2022281358
 (21) 2022281358 (22) 25.05.2022
 (54) NEW N,N-DIMETHYLTRYPTAMINE SALTS AND CRYSTALLINE SALT FORMS
 (51) Int. Cl.
C07D 209/16 (2006.01)
 (87) WO2022/251351
 (31) 63/192,938 (32) 25.05.21 (33) US
 (43) 01.12.2022
 (72) FAWAZ, Majed; SHORT, Glenn
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- (71) AUTOBAHN THERAPEUTICS, INC.
 (11) AU-A-2022271304
 (21) 2022271304 (22) 06.05.2022
 (54) FATTY ACID AMIDE HYDROLASE (FAAH) CLEAVABLE PRODRUGS OF THYROMIMETICS AND COMBINATION WITH PERIPHERALLY RESTRICTED FAAH INHIBITORS
 (51) Int. Cl.
A61K 31/44 (2006.01)
A61K 31/165 (2006.01)
A61K 31/397 (2006.01)
A61K 31/40 (2006.01)
A61K 31/42 (2006.01)
A61K 31/4965 (2006.01)
A61K 31/50 (2006.01)
A61K 31/505 (2006.01)
A61K 31/5375 (2006.01)
A61P 25/28 (2006.01)
C07C 235/06 (2006.01)
C07C 235/08 (2006.01)
C07C 235/22 (2006.01)
C07C 243/28 (2006.01)
C07D 205/04 (2006.01)
C07D 213/75 (2006.01)
C07D 237/20 (2006.01)
C07D 239/42 (2006.01)
C07D 241/20 (2006.01)
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C07D 295/185 (2006.01)
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 (31) 63/185,254 (32) 06.05.21 (33) US
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 (72) STEARNS, Brian Andrew; BACCEI, Jill Melissa; HARRIS, Jason Randall
 (74) FB Rice Pty Ltd
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- (71) BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION INC.
 (11) AU-A-2022254044
 (21) 2022254044 (22) 05.04.2022
 (54) AUTOMATIC GAIN CONTROL SYSTEM FOR PROCESSING OF CLIPPED SIGNAL SAMPLES
 (51) Int. Cl.
H03G 3/30 (2006.01)
H03H 17/02 (2006.01)
H04B 1/16 (2006.01)
 (87) WO2022/216668
 (31) 17/224,701 (32) 07.04.21 (33) US
 (43) 13.10.2022
 (72) STOCKMASTER, Michael, H.; DOWNEY, Ryan, D.
 (74) Spruson & Ferguson
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- (71) BAKER HUGHES OILFIELD OPERATIONS LLC
 (11) AU-A-2022270215
 (21) 2022270215 (22) 06.05.2022
 (54) METHANE AND CARBON DIOXIDE REDUCTION WITH INTEGRATED DIRECT AIR CAPTURE SYSTEMS
 (51) Int. Cl.
B01D 53/75 (2006.01)
B01D 53/00 (2006.01)
B01D 53/04 (2006.01)
B01D 53/86 (2006.01)
 (87) WO2022/236324
 (31) 63/186,025 (32) 07.05.21 (33) US
 (43) 10.11.2022
 (72) VAN DAM, Jeremy; KRUMM, Robert; ALLIN, Melissa
 (74) PHILLIPS ORMONDE FITZPATRICK
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 (11) AU-A-2022281289
 (21) 2022281289 (22) 19.05.2022
 (54) METHODS AND COMPOSITIONS FOR RADIOPROTECTION
 (51) Int. Cl.
A61B 6/00 (2006.01)
A61B 6/10 (2006.01)
A61K 8/72 (2006.01)
A61K 31/29 (2006.01)
A61K 33/245 (2019.01)
 (87) WO2022/251025
 (31) 63/193,146 (32) 26.05.21 (33) US
 (43) 01.12.2022
 (72) BARANOWITZ, Steven
 (74) Eagar & Associates Pty Ltd
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- (71) BARD ACCESS SYSTEMS, INC.
 (11) AU-A-2022275835
 (21) 2022275835 (22) 17.05.2022
 (54) RAPIDLY INSERTABLE CENTRAL CATHETERS, CATHETER INSERTION ASSEMBLIES, AND METHODS
 (51) Int. Cl.

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A61B 17/34 (2006.01)
(87) WO2022/245774
(31) 63/189,549 **(32)** 17.05.21 **(33)** US
(43) 24.11.2022
(72) HOWELL, Glade, H.
(74) FB Rice Pty Ltd

(71) BARD ACCESS SYSTEMS, INC.
(11) AU-A-2022279287
(21) 2022279287 **(22)** 20.05.2022
(54) RAPIDLY INSERTABLE CENTRAL CATHETERS, INTRODUCERS, AND INSERTION DEVICES INCLUDING COMBINATIONS AND METHODS THEREOF
(51) Int. Cl.
A61M 25/06 (2006.01)
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A61M 25/01 (2006.01)
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(87) WO2022/246271
(31) 63/284,533 **(32)** 30.11.21 **(33)** US
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(43) 24.11.2022
(72) BLANCHARD, Daniel, B.; HOWELL, Glade, H.; SPATARO, Joe; THORNLEY, Kyle, G.; MCKINNON, Austin, J.
(74) FB Rice Pty Ltd

(71) BARGENT THERAPEUTICS PTY LIMITED
(11) AU-A-2023203192
(21) 2023203192 **(22)** 22.04.2023
(54) METHODS OF TREATING ALLOGRAFT REJECTION
(51) Int. Cl.
A61K 31/423 (2006.01)
A61K 31/437 (2006.01)
A61P 37/06 (2006.01)
(31) 2022901211 **(32)** 06.05.22 **(33)** AU
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(72) HIBBERD, Adrian
(74) Pearce IP Pty Ltd

(71) BASF SE
(11) AU-A-2022275104
(21) 2022275104 **(22)** 09.05.2022
(54) BAIT SCALE DEVICE AND REMOTE MONITORING DEVICE CONFIGURED TO RECEIVE SIGNALS FROM A BAIT SCALE DEVICE
(51) Int. Cl.
A01M 23/38 (2006.01)
A01M 25/00 (2006.01)
(87) WO2022/238292
(31) 21173275.5 **(32)** 11.05.21 **(33)** EP
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(72) DEUSCHER, Thomas Reinhard
(74) Griffith Hack

(71) BAXTER INTERNATIONAL INC.; BAXTER HEALTHCARE SA
(11) AU-A-2022281320
(21) 2022281320 **(22)** 24.05.2022
(54) PHARMACEUTICAL COMPOSITIONS FOR CLINICAL NUTRITION
(51) Int. Cl.
A61K 31/661 (2006.01)
A61K 9/08 (2006.01)
A61P 3/02 (2006.01)
A61P 3/12 (2006.01)
C07F 9/11 (2006.01)
(87) WO2022/251177
(31) 17/332,499 **(32)** 27.05.21 **(33)** US
(43) 01.12.2022
(72) BOUREZG, Zouaoui; POUSSET, Cyrille
(74) K&L Gates

(71) BAYER AKTIENGESELLSCHAFT
(11) AU-A-2022286625
(21) 2022286625 **(22)** 31.05.2022
(54) COMPOSITIONS WITH ETHO-FUMESATE AND A SAFENER
(51) Int. Cl.
A01N 43/12 (2006.01)
A01N 43/56 (2006.01)
A01P 13/00 (2006.01)
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A61K 35/17 (2015.01)
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A61K 31/70 (2006.01)
C12N 15/10 (2006.01)
C12N 15/11 (2006.01)
C12N 15/90 (2006.01)
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G09B 23/28 (2006.01)
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A61P 17/02 (2006.01)
C07C 229/42 (2006.01)
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A61P 31/12 (2006.01)
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C07D 239/88 (2006.01)
C07D 401/14 (2006.01)
A61P 35/00 (2006.01)
C07D 403/14 (2006.01)
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 A21D 2/26 (2006.01)
 A21D 13/00 (2017.01)
 A23G 1/44 (2006.01)
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 A23L 25/00 (2016.01)
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 G06F 40/103 (2020.01)
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 E02F 3/96 (2006.01)
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 F17C 3/02 (2006.01)
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 A61K 39/00 (2006.01)
 A61P 39/02 (2006.01)
 A61P 43/00 (2006.01)
 C07K 16/18 (2006.01)
 C07K 16/40 (2006.01)
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 C09D 7/20 (2018.01)
 C09D 7/40 (2018.01)
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 C07D 215/233 (2006.01)
 A61K 31/4365 (2006.01)
 A61K 31/437 (2006.01)
 A61K 31/47 (2006.01)
 A61K 31/4709 (2006.01)
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 A61P 35/00 (2006.01)
 C07D 215/48 (2006.01)
 C07D 401/12 (2006.01)
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 A61K 31/4985 (2006.01)
 A61P 35/00 (2006.01)
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C12N 15/13 (2006.01)
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A61P 7/00 (2006.01)
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A61K 47/42 (2017.01)
A61P 15/00 (2006.01)
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 (51) Int. Cl.
H04L 67/10 (2022.01)
G06F 1/12 (2006.01)
G06F 1/14 (2006.01)
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 (74) FB Rice Pty Ltd
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 (54) AUGER DRIVE ASSEMBLY FOR AN AGRICULTURAL HARVESTER
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A01D 41/14 (2006.01)
A01D 61/00 (2006.01)
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 (74) Griffith Hack
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 (54) MULTI-SEGMENT HEADER FOR AN AGRICULTURAL HARVESTER
 (51) Int. Cl.
A01D 41/14 (2006.01)
A01D 61/00 (2006.01)
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 (43) 01.12.2022
 (72) COOK, Joel T.; CONWAY, Cory M.; KOPP, James; NOLL, Blaine R.
 (74) Griffith Hack
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- (71) COLGATE-PALMOLIVE COMPANY
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 (54) ORAL CARE COMPOSITIONS
 (51) Int. Cl.
A61K 8/41 (2006.01)
A61K 8/43 (2006.01)
A61K 8/73 (2006.01)

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(74) Spruson & Ferguson
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(11) AU-A-2022280872
(21) 2022280872 **(22)** 26.05.2022
(54) ORAL CARE COMPOSITIONS
(51) Int. Cl.
A61K 8/41 (2006.01)
A61K 8/43 (2006.01)
A61K 8/44 (2006.01)
A61K 8/49 (2006.01)
A61K 8/73 (2006.01)
A61Q 11/00 (2006.01)
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(74) Spruson & Ferguson
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(54) ORAL CARE COMPOSITIONS
(51) Int. Cl.
A61K 8/21 (2006.01)
A61K 8/24 (2006.01)
A61K 8/27 (2006.01)
A61K 8/46 (2006.01)
A61Q 11/00 (2006.01)
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(51) Int. Cl.
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A61K 8/27 (2006.01)
A61K 8/44 (2006.01)
A61K 8/46 (2006.01)
A61Q 11/00 (2006.01)
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(74) Spruson & Ferguson
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C22B 23/00 (2006.01)
B01D 11/04 (2006.01)
C22B 3/38 (2006.01)
C22B 5/18 (2006.01)
C22B 7/04 (2006.01)
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B01D 53/64 (2006.01)
E21B 49/02 (2006.01)
G01N 21/64 (2006.01)
G01N 33/00 (2006.01)
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(54) DISSOLVABLE PLUG REMOVAL WITH EROSIIVE TOOL
(51) Int. Cl.
E21B 33/12 (2006.01)
E21B 29/02 (2006.01)
E21B 31/00 (2006.01)
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(54) CONTAMINANT REMOVAL WITH SORBENT BEDS FOR LNG PROCESSING
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C10L 3/10 (2006.01)
B01D 53/02 (2006.01)
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(51) Int. Cl.
F16K 5/06 (2006.01)
B33Y 80/00 (2015.01)
F16K 5/10 (2006.01)
F16K 5/12 (2006.01)
F16K 5/14 (2006.01)
F16K 5/20 (2006.01)
F16K 47/04 (2006.01)
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(54) A PROCESS FOR PRODUCING CATHODE ACTIVE MATERIAL COMPOSITION FOR A LITHIUM-ION BATTERY
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C01G 53/00 (2006.01)
H01M 4/1391 (2010.01)
H01M 4/48 (2010.01)
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(11) AU-A-2022260555

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 G21G 1/10 (2006.01)
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 G21K 5/08 (2006.01)
 H05H 6/00 (2006.01)
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 E05C 19/16 (2006.01)
 E05B 3/00 (2006.01)
 E05B 13/00 (2006.01)
 E05B 13/10 (2006.01)
 E05B 15/02 (2006.01)
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 E05B 47/00 (2006.01)
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 E05C 1/16 (2006.01)
 H01F 7/02 (2006.01)
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 A61K 39/39 (2006.01)
 A61K 47/62 (2017.01)
 A61P 35/00 (2006.01)
 A61P 37/04 (2006.01)
 C07J 9/00 (2006.01)
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 A61B 18/20 (2006.01)
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- (71) DISCUVA LIMITED
 (11) AU-A-2022270347
 (21) 2022270347 (22) 03.05.2022
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 A61P 31/04 (2006.01)
 C07D 401/04 (2006.01)
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 A61K 39/12 (2006.01)
 C07K 14/165 (2006.01)
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 (54) TROPOMYOSIN RECEPTOR KINASE (TRK) DEGRADATION COMPOUNDS AND METHODS OF USE
 (51) Int. Cl.
 C07D 403/14 (2006.01)
 A61K 31/506 (2006.01)
 A61P 35/00 (2006.01)
 C07D 401/14 (2006.01)
 C07D 403/12 (2006.01)
 C07D 405/14 (2006.01)
 C07D 409/14 (2006.01)

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(51) Int. Cl.
A61K 31/56 (2006.01)
A61K 9/00 (2006.01)
A61K 9/20 (2006.01)
A61K 9/46 (2006.01)
A61P 1/04 (2006.01)
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- (71) DYSON TECHNOLOGY LIMITED
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(54) ELECTROLYTE COMPOSITIONS
(51) Int. Cl.
H01M 10/0525 (2010.01)
H01M 10/0567 (2010.01)
H01M 10/0568 (2010.01)
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H01M 10/0525 (2010.01)
H01M 50/403 (2021.01)
H01M 50/409 (2021.01)
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(11) AU-A-2022271260
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(54) DREDGE SYSTEM
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E02F 5/00 (2006.01)
E02F 3/88 (2006.01)
E02F 3/92 (2006.01)
E02F 5/28 (2006.01)
E02F 7/06 (2006.01)
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(54) ASYMMETRIC DELTA MULTI-PULSE TRANSFORMER RECTIFIER UNIT, AND ASSOCIATED SYSTEMS AND METHODS
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H01F 27/28 (2006.01)
H01F 30/04 (2006.01)
H01F 30/12 (2006.01)
H01F 30/14 (2006.01)
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(74) Baxter Patent Attorneys Pty Ltd
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- (71) ELECTROCHAEA GMBH
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(51) Int. Cl.
C12P 5/02 (2006.01)
C12M 1/00 (2006.01)
C12M 1/107 (2006.01)
C25B 1/04 (2021.01)
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(31) 10 2021 112 887.0 (32) 18.05.21 (33) DE
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(72) PINDER, Zachary; RODRIGO, Jose; HAFENBRADL, Doris; LEWANDOWSKI, Birgit
(74) ALLENS PATENT & TRADE MARK ATTORNEYS
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(11) AU-A-2021450655
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(54) SYSTEM FOR UPDATING FIRMWARE OF A HOUSEHOLD APPLIANCE
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G06F 8/65 (2018.01)
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(74) Halfords IP
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G06F 8/65 (2018.01)
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(74) Halfords IP
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G06F 8/65 (2018.01)
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(72) FABRICI, Lucio; BIASUTTI, Daniele; TAIARIOL, Mauro; PLOS, Livio
(74) Halfords IP
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(54) HOUSEHOLD REFRIGERATOR AND OPERATING METHOD THEREOF
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F25D 29/00 (2006.01)
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(72) KOBAYASHI, Luis Michio
(74) Halfords IP
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- (71) ELGAN PHARMA LTD
(11) AU-A-2022257375
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(54) INSULIN FORMULATIONS AND METHODS OF USING SAME IN PRE-TERM INFANTS
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A61K 38/28 (2006.01)
A23L 33/10 (2016.01)
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 (74) Halfords IP

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 (11) AU-A-2021444680
 (21) 2021444680 (22) 11.05.2021
 (54) WITHDRAWABLE UNIT
 (51) Int. Cl.
 H02B 1/36 (2006.01)
 H02B 11/133 (2006.01)
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 (74) Elsteel (Private) Elsteel (Private) Ltd.

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 B08B 3/02 (2006.01)
 B08B 17/02 (2006.01)
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 (72) EMMANOUILIDIS, Ioannis
 (74) Alder IP Pty Ltd

(71) ENERKEM INC.
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 C01B 32/40 (2017.01)
 C01B 3/02 (2006.01)
 C01B 3/32 (2006.01)
 C01B 3/50 (2006.01)
 C01B 5/00 (2006.01)
 C10J 3/72 (2006.01)
 C10K 3/00 (2006.01)
 C01B 3/12 (2006.01)
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 A23L 33/105 (2016.01)
 A23L 33/15 (2016.01)
 A23L 33/155 (2016.01)

A61K 8/9789 (2017.01)
 A61K 31/375 (2006.01)
 A61K 31/4415 (2006.01)
 A61K 31/51 (2006.01)
 A61K 31/525 (2006.01)
 A61K 31/592 (2006.01)
 A61K 31/593 (2006.01)
 A61K 31/714 (2006.01)
 A61K 36/185 (2006.01)
 A61P 11/00 (2006.01)
 A61P 17/18 (2006.01)
 A61P 31/00 (2006.01)
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 (51) Int. Cl.
 B29D 11/00 (2006.01)
 B05D 1/18 (2006.01)
 B05D 1/40 (2006.01)
 G02C 7/02 (2006.01)
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 (74) FPA Patent Attorneys Pty Ltd

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 (51) Int. Cl.
 G02C 7/02 (2006.01)
 B29D 11/00 (2006.01)
 G02C 7/06 (2006.01)
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 (54) SANITARY ARTICLE COMPRISING SHAPING ELEMENTS
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 A61F 13/472 (2006.01)
 A61F 13/47 (2006.01)
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 A61F 13/47 (2006.01)
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 B01D 21/28 (2006.01)
 G01N 1/00 (2006.01)
 G01N 1/40 (2006.01)
 G01N 15/14 (2006.01)
 G01N 21/00 (2006.01)
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 C08L 71/02 (2006.01)
 C09J 171/02 (2006.01)
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 H02J 3/16 (2006.01)
 G01R 19/25 (2006.01)
 G05B 13/02 (2006.01)

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H02J 3/18 (2006.01)
H02J 13/00 (2006.01)
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(31) 2021901293 (32) 30.04.21 (33) AU
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B64C 39/02 (2023.01)
B64D 47/08 (2006.01)
G03B 17/08 (2021.01)
G03B 17/55 (2021.01)
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B64D 47/08 (2006.01)
F16M 11/08 (2006.01)
G03B 17/56 (2021.01)
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(54) FLUID DISPENSING SYSTEM
(51) Int. Cl.
F04B 7/06 (2006.01)
B01J 4/02 (2006.01)
B05B 1/02 (2006.01)
B05B 1/08 (2006.01)
B05B 9/04 (2006.01)
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C12P 7/64 (2022.01)
A01N 31/02 (2006.01)
C12N 9/02 (2006.01)
C12N 15/82 (2006.01)
C12P 7/04 (2006.01)
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(51) Int. Cl.
A61K 31/341 (2006.01)
A61K 31/4178 (2006.01)
C07D 233/72 (2006.01)
C07D 307/64 (2006.01)
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A61K 31/341 (2006.01)
A61K 31/4178 (2006.01)
C07D 233/72 (2006.01)
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(51) Int. Cl.
G06Q 30/02 (2023.01)
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G16B 30/20 (2019.01)
C12Q 1/6869 (2018.01)
C12Q 1/6886 (2018.01)
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B01D 63/02 (2006.01)
B01D 61/24 (2006.01)
B01D 61/28 (2006.01)
B29C 65/02 (2006.01)
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G10L 15/187 (2013.01)
G10L 15/20 (2006.01)
G10L 21/0232 (2013.01)
G10L 21/0264 (2013.01)
G10L 25/78 (2013.01)
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C12N 5/0793 (2010.01)
C12N 5/074 (2010.01)
C12N 5/0789 (2010.01)
C12N 5/079 (2010.01)
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A01K 39/012 (2006.01)
A01K 61/85 (2017.01)
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D21H 11/18 (2006.01)
C08B 1/00 (2006.01)
A61K 8/73 (2006.01)
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A61K 39/395 (2006.01)
A61P 17/04 (2006.01)
C07K 16/24 (2006.01)
C07K 16/28 (2006.01)
C12Q 1/68 (2018.01)
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F24F 1/16 (2011.01)
F24F 11/89 (2018.01)
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H04L 12/40 (2006.01)
H04L 41/12 (2022.01)
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A61K 47/68 (2017.01)
A61K 31/454 (2006.01)
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A61P 35/00 (2006.01)
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G01V 1/30 (2006.01)
G01V 1/38 (2006.01)
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C10J 3/50 (2006.01)
C10J 3/78 (2006.01)
C10L 5/06 (2006.01)
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(74) Dentons Patent Attorneys Australasia Limited
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(54) METHOD AND PHARMACEUTICAL COMPOSITION FOR TREATING MYOPIA
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A61K 31/415 (2006.01)
A61K 9/00 (2006.01)
A61P 27/02 (2006.01)
A61P 27/06 (2006.01)
A61P 27/10 (2006.01)
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(74) Baxter Patent Attorneys Pty Ltd
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(51) Int. Cl.

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(43) 15.12.2022
(72) THOMPSON, Jon
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(51) Int. Cl.
B01D 15/08 (2006.01)
A61K 36/185 (2006.01)
B01D 15/20 (2006.01)
C07C 37/68 (2006.01)
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(74) James & Wells Intellectual Property
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(54) INFORMATION PROCESSING METHOD AND APPARATUS, AND STORAGE MEDIUM
(51) Int. Cl.
H04N 21/41 (2011.01)
(87) WO2022/218149
(31) 202110411293.2 **(32)** 16.04.21 **(33)** CN
(43) 20.10.2022
(72) HUANG, Sheng
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(21) 2022257127 **(22)** 30.03.2022
(54) SCREEN PROJECTION CONTROL METHOD, STORAGE MEDIUM, AND COMMUNICATION DEVICE
(51) Int. Cl.
G06F 3/14 (2006.01)
(87) WO2022/218153
(31) 202110411158.8 **(32)** 16.04.21 **(33)** CN
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(54) DATA TRANSMISSION METHOD AND DATA TRANSMISSION DEVICE
(51) Int. Cl.
G06F 3/14 (2006.01)
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(43) 03.11.2022
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(51) Int. Cl.
G06K 19/077 (2006.01)
G06F 18/00 (2023.01)
G06K 19/07 (2006.01)
G09F 3/20 (2006.01)
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(74) Griffith Hack
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(54) ADSORBENT MATERIAL
(51) Int. Cl.
B01J 20/06 (2006.01)
A62B 18/02 (2006.01)
A62D 3/33 (2007.01)
A62D 3/36 (2007.01)
A62D 5/00 (2006.01)
B01J 20/28 (2006.01)
D06M 11/46 (2006.01)
D06M 23/00 (2006.01)
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C04B 20/02 (2006.01)
C04B 103/12 (2006.01)
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C07D 241/44 (2006.01)
A61K 31/4985 (2006.01)
A61P 31/04 (2006.01)
C07D 401/12 (2006.01)
C07D 403/12 (2006.01)
C07D 405/12 (2006.01)
C07D 409/12 (2006.01)
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A61M 25/00 (2006.01)
A61L 29/00 (2006.01)
A61M 27/00 (2006.01)
C08J 9/00 (2006.01)
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A61B 6/04 (2006.01)
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B01J 20/04 (2006.01)
B01J 20/06 (2006.01)
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B01J 20/30 (2006.01)
C04B 28/06 (2006.01)
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C12P 3/00 (2006.01)
C12N 1/20 (2006.01)
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G01N 1/31 (2006.01)
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A23G 3/34 (2006.01)
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A23G 3/48 (2006.01)
A23G 3/54 (2006.01)
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A47F 7/02 (2006.01)
A47F 7/024 (2006.01)
E05B 45/00 (2006.01)
E05B 47/00 (2006.01)
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A01N 65/00 (2009.01)
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C05F 17/00 (2020.01)
C07D 311/00 (2006.01)
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A61K 39/00 (2006.01)
C12N 5/0783 (2010.01)
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A61M 15/00 (2006.01)
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C12N 9/36 (2006.01)
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A23L 11/40 (2021.01)
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 C09D 4/00 (2006.01)
 C08G 77/08 (2006.01)
 C08G 77/14 (2006.01)
 C08G 77/18 (2006.01)
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 C08K 3/22 (2006.01)
 C09D 5/00 (2006.01)
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 INCLUDING SUCH BATTERY MOD-
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 DEVICE AND VEHICLE INCLUDING
 SUCH BATTERY PACK
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THEIR USE THEREOF
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A61K 31/137 (2006.01)
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A61K 8/02 (2006.01)
A61K 8/36 (2006.01)
A61K 8/9789 (2017.01)
A61K 8/9794 (2017.01)
A61Q 19/00 (2006.01)
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C08J 7/04 (2020.01)
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C12N 15/113 (2010.01)
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WITH SUBCUTANEOUS ADMINIS-
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C12N 15/10 (2006.01)
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G01N 15/10 (2006.01)
G02B 21/26 (2006.01)
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G06Q 50/10 (2012.01)
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A61K 39/295 (2006.01)
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A01N 31/02 (2006.01)
A01N 25/30 (2006.01)
A01N 37/02 (2006.01)
A01P 3/00 (2006.01)
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A61P 1/04 (2006.01)
A61P 1/16 (2006.01)
A61P 3/10 (2006.01)
A61P 9/00 (2006.01)
C12N 1/20 (2006.01)
C12R 1/01 (2006.01)
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F28C 1/04 (2006.01)
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 (54) METHOD FOR MORPHOLOGICAL PROCESSING OF MICROWAVE RADAR IMAGES IN THE MEDICAL FIELD USING DIFFERENT HYPOTHESES ON THE MEDIUM THROUGH WHICH THE MICROWAVE SIGNALS PASS
 (51) Int. Cl.
G06T 7/00 (2017.01)
G06T 7/155 (2017.01)
 (87) WO2022/234235
 (31) FR2104690 (32) 04.05.21 (33) FR
 (43) 10.11.2022
 (72) FASOULA, Agathi; DUCHESNE, Luc
 (74) PHILLIPS ORMONDE FITZPATRICK

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(71) NANOSUN IP LIMITED
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 (21) 2022257322 (22) 12.04.2022
 (54) METHOD OF AND APPARATUS FOR TRANSFERING GAS
 (51) Int. Cl.
F17C 5/06 (2006.01)
 (87) WO2022/219324
 (31) 2105161.0 (32) 12.04.21 (33) GB
 (43) 20.10.2022
 (72) HODGSON, Paul Joseph; SHAIKH, Faisal Adil; SAGHAFIFAR, Mohammad
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) NAPIFERYN BIOTECH SP. Z O.O
 (11) AU-A-2022277748
 (21) 2022277748 (22) 16.05.2022
 (54) IMPROVED METHOD FOR PREPARATION OF PROTEIN-ENRICHED PRODUCTS FROM PLANT MATERIAL
 (51) Int. Cl.
A23J 1/00 (2006.01)
A23J 1/14 (2006.01)
A23J 3/14 (2006.01)
 (87) WO2022/243253
 (31) 2028223 (32) 17.05.21 (33) NL
 (43) 24.11.2022
 (72) WNUKOWSKI, Piotr; KOZLOWSKA, Magdalena; STANCZYK, Lukasz; RACHWAL, Danuta Alina
 (74) Griffith Hack

(71) NATIONAL RESEARCH COUNCIL OF CANADA
 (11) AU-A-2022254784
 (21) 2022254784 (22) 08.04.2022
 (54) DPEP-1 BINDING AGENTS AND METHODS OF USE
 (51) Int. Cl.
C07K 16/40 (2006.01)
A61K 39/395 (2006.01)
A61K 39/44 (2006.01)
A61P 1/00 (2006.01)
A61P 7/00 (2006.01)
A61P 29/00 (2006.01)
A61P 35/00 (2006.01)
 (87) WO2022/213212
 (31) 63/172,530 (32) 08.04.21 (33) US
 (43) 13.10.2022
 (72) TANHA, Jamshid; ROSSOTTI, Martin A.; LAU, Arthur; MURUVE, Daniel
 (74) FB Rice Pty Ltd

(71) NEWSOUTH INNOVATIONS PTY LIMITED
 (11) AU-A-2022254780
 (21) 2022254780 (22) 07.04.2022
 (54) NOx ACTIVATION TO AMMONIA
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C25B 1/27 (2021.01)
H01M 4/90 (2006.01)
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 (31) 2021901015 (32) 07.04.21 (33) AU

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 (72) DAIYAN, Rahman; AMAL, Rose; LOVELL, Emma; JALILI, Ali (Rouhollah)
 (74) Spruson & Ferguson

(71) NIANTIC, INC.
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 (21) 2022254531 (22) 06.04.2022
 (54) PANOPTIC SEGMENTATION FORECASTING FOR AUGMENTED REALITY
 (51) Int. Cl.
G06T 7/207 (2017.01)
G06T 7/194 (2017.01)
G06T 7/215 (2017.01)
G06T 19/00 (2011.01)
H04N 21/81 (2011.01)
H04N 21/8547 (2011.01)
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 (43) 13.10.2022
 (72) GRABER, Colin; TSAI, Grace Shin-Yee; FIRMAN, Michael David; BROSTOW, Gabriel J.; SCHWING, Alexander
 (74) FB Rice Pty Ltd

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 (11) AU-A-2021447270
 (21) 2021447270 (22) 28.05.2021
 (54) DETECTION DEVICE, DETECTION METHOD, AND DETECTION PROGRAM
 (51) Int. Cl.
G06F 21/64 (2013.01)
G06F 21/56 (2013.01)
 (87) WO2022/249448
 (43) 01.12.2022
 (72) YAMAKOSHI, Kimihiro; CHIBA, Nobuhiro; TAKIGUCHI, Hiroyoshi; NAKAJIMA, Yoshiaki
 (74) Davies Collison Cave Pty Ltd

(71) NIPPON TELEGRAPH AND TELEPHONE CORPORATION
 (11) AU-A-2021449885
 (21) 2021449885 (22) 07.06.2021
 (54) ANALYSIS DEVICE, ANALYSIS METHOD, AND ANALYSIS PROGRAM
 (51) Int. Cl.
H04L 45/00 (2022.01)
H04L 45/76 (2022.01)
H04L 47/00 (2022.01)
 (87) WO2022/259335
 (43) 15.12.2022
 (72) TERAMOTO, Yasuhiro; YAMADA, Masanori; NAGAFUCHI, Yukio; SHINOHARA, Masanori; KOYAMA, Takaaki; NAKAJIMA, Yoshiaki
 (74) Davies Collison Cave Pty Ltd

(71) NIPPON TELEGRAPH AND TELEPHONE CORPORATION
 (11) AU-A-2021449966
 (21) 2021449966 (22) 07.06.2021

(54) DETECTION DEVICE, DETECTION METHOD, AND DETECTION PROGRAM
 (51) Int. Cl.
H04L 45/00 (2022.01)
H04L 45/76 (2022.01)
H04L 47/00 (2022.01)

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 (43) 15.12.2022
 (72) TERAMOTO, Yasuhiro; YAMADA, Masanori; YAMANAKA, Yuki; TAKAHASHI, Tomokatsu; NAGAI, Tomohiro; KOYAMA, Takaaki
 (74) Davies Collison Cave Pty Ltd

(71) NOON AESTHETICS M.R. LTD.
 (11) AU-A-2022267900
 (21) 2022267900 (22) 30.04.2022
 (54) TOPICAL FORMULATIONS COMPRISING BENZOYL PEROXIDE AND AZELAIC ACID, AND USE THEREOF
 (51) Int. Cl.
A61K 31/194 (2006.01)
A61K 8/00 (2006.01)
A61K 9/00 (2006.01)
A61K 31/095 (2006.01)
A61K 31/327 (2006.01)
A61K 33/24 (2019.01)
A61P 17/00 (2006.01)
 (87) WO2022/229934
 (31) 63/182,196 (32) 30.04.21 (33) US
 (43) 03.11.2022
 (72) MINKIN, Masha; ROSMAN, Eran
 (74) Southern Cross Intellectual Property

(71) NORTH CAROLINA STATE UNIVERSITY; THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL
 (11) AU-A-2022270607
 (21) 2022270607 (22) 02.05.2022
 (54) COMPOSITIONS AND METHODS RELATED TO THE TREATMENT OF OCULAR DISEASES IN EQUINES
 (51) Int. Cl.
A61K 48/00 (2006.01)
A61K 38/00 (2006.01)
A61K 45/00 (2006.01)
C07H 21/04 (2006.01)
C12N 15/00 (2006.01)
 (87) WO2022/235566
 (31) 63/183,234 (32) 03.05.21 (33) US
 (43) 10.11.2022
 (72) GILGER, Brian; CRABTREE, Elizabeth; HIRSCH, Matthew L.
 (74) Davies Collison Cave Pty Ltd

(71) NOUSCOM AG
 (11) AU-A-2022299252
 (21) 2022299252 (22) 20.06.2022
 (54) VACCINE COMPOSITION COMPRISING ENCODED ADJUVANT
 (51) Int. Cl.
A61K 39/00 (2006.01)
A61K 39/39 (2006.01)
 (87) WO2022/268722
 (31) 21180661.7 (32) 21.06.21 (33) EP
 (43) 29.12.2022
 (72) SCARSELLI, Elisa; NICOSIA, Alfredo; MORENA D'ALISE, Anna;

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(74) Spruson & Ferguson
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- (71)** NOVINIUM, INC.
(11) AU-A-2021446923
(21) 2021446923 **(22)** 27.08.2021
(54) METHOD FOR INJECTING STRAND-BLOCKED CABLE
(51) Int. Cl.
H02G 1/16 (2006.01)
H01B 7/28 (2006.01)
H01B 7/282 (2006.01)
H01B 7/285 (2006.01)
H01B 13/32 (2006.01)
(87) WO2022/245379
(31) 63/191,877 **(32)** 21.05.21 **(33)** US
(43) 24.11.2022
(72) LAUX, Kevin; FORD, Weston Philips Chapin; STEELE, James; BUSBY, David C.; CHATTERTON, Wayne J.; LAURIE, Nathanael
(74) Davies Collison Cave Pty Ltd
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- (71)** NUOVO PIGNONE TECNOLOGIE - S.R.L.
(11) AU-A-2022265077
(21) 2022265077 **(22)** 22.04.2022
(54) A TURBOMACHINERY PLANT TO MAXIMIZE THE POWER GENERATED BY AN ELECTRICAL REVERSIBLE MACHINE
(51) Int. Cl.
F01D 15/10 (2006.01)
F02C 3/113 (2006.01)
F02C 6/00 (2006.01)
F02C 7/36 (2006.01)
F04D 25/04 (2006.01)
F04D 25/06 (2006.01)
F04D 27/02 (2006.01)
(87) WO2022/228723
(31) 102021000010907 **(32)** 29.04.21 **(33)** IT
(43) 03.11.2022
(72) SANTINI, Marco; BALDINI, Marco; GABBRIELLI, Andrea
(74) Patent Attorney Services
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- (71)** NUOVO PIGNONE TECNOLOGIE - S.R.L.
(11) AU-A-2022271581
(21) 2022271581 **(22)** 10.05.2022
(54) FUEL INJECTOR AND FUEL NOZZLE FOR A GAS TURBINE, AND GAS TURBINE ENGINE INCLUDING THE NOZZLE
(51) Int. Cl.
F23R 3/28 (2006.01)
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(72) PUCCI, Egidio; GORI, Stefano; MELONI, Roberto
(74) Patent Attorney Services
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- (71)** NUVALENT, INC.
(11) AU-A-2022257621
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(51) Int. Cl.
C07D 471/04 (2006.01)
A61K 31/519 (2006.01)
A61P 35/00 (2006.01)
C07D 487/04 (2006.01)
C07D 519/00 (2006.01)
(87) WO2022/221227
(31) 63/174,177 **(32)** 13.04.21 **(33)** US
 63/239,089 31.08.21 US
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 63/292,605 22.12.21 US
(43) 20.10.2022
(72) ANDREWS, Kristin Lynne; GERARD, Baudouin; HORAN, Joshua Courtney; MENTE, Scot Richard; PELISH, Henry Efram; SHAIR, Matthew D.; SUN, Yuting; TANGPEERACHAIKUL, Anupong
(74) FB Rice Pty Ltd
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(11) AU-A-2022273827
(21) 2022273827 **(22)** 05.05.2022
(54) MEMBRANE HOLDER AND MEMBRANE MODULE
(51) Int. Cl.
B01D 63/02 (2006.01)
B01D 63/04 (2006.01)
(87) WO2022/238243
(31) 21173853.9 **(32)** 14.05.21 **(33)** EP
(43) 17.11.2022
(72) BERENDS, Hendrik Johan Ferdinand
(74) Golja Haines & Friend
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- (71)** OPTERAN TECHNOLOGIES LIMITED
(11) AU-A-2022282825
(21) 2022282825 **(22)** 26.04.2022
(54) UNCONSTRAINED IMAGE STABILISATION
(51) Int. Cl.
G06T 7/20 (2017.01)
(87) WO2022/248824
(31) 2107427.3 **(32)** 25.05.21 **(33)** GB
(43) 01.12.2022
(72) WATSON, Matthew Thomas; COPE, Alexander John
(74) Dentons Patent Attorneys Australasia Limited
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- (71)** ORGANIC ESSENTIALS PTY LTD
(11) AU-A-2022270438
(21) 2022270438 **(22)** 05.05.2022
(54) AN APPARATUS FOR CLEANING
(51) Int. Cl.
A46B 15/00 (2006.01)
A46B 5/00 (2006.01)
A46B 7/04 (2006.01)
A46B 11/00 (2006.01)
A46B 17/08 (2006.01)
A47L 17/00 (2006.01)
A47L 19/00 (2006.01)
(87) WO2022/234495
(31) 775766 **(32)** 05.05.21 **(33)** NZ
(43) 10.11.2022
(72) PHILLIPS, James
(74) PIP Intellectual Property Limited
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- (71)** ORTHO HUB VENTURES UG (HAFTUNGSBESCHRÄNKT)
(11) AU-A-2022258666
(21) 2022258666 **(22)** 13.04.2022
(54) OSTEOSYNTHESIS DEVICE, IN PARTICULAR FOR SPINAL TREATMENT, AND ATTACHMENT SYSTEM FOR THIS
(51) Int. Cl.
A61B 17/70 (2006.01)
A61B 17/86 (2006.01)
(87) WO2022/219077
(31) 10 2021 001 896.6 **(32)** 13.04.21 **(33)** DE
 10 2022 108 980.0 12.04.22 DE
(43) 20.10.2022
(72) HEUER, Frank
(74) Madderns Pty Ltd
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- (71)** OXFORD UNIVERSITY INNOVATION LIMITED
(11) AU-A-2022254857
(21) 2022254857 **(22)** 01.04.2022
(54) POLYPEPTIDES THAT INTERACT WITH PEPTIDE TAGS AT LOOPS OR TERMINI AND USES THEREOF
(51) Int. Cl.
C07K 14/315 (2006.01)
(87) WO2022/214795
(31) 2104999.4 **(32)** 08.04.21 **(33)** GB
(43) 13.10.2022
(72) HOWARTH, Mark; YADAV, Vikash; FERLA, Matteo
(74) Griffith Hack
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- (71)** OYSTER POINT PHARMA, INC.
(11) AU-A-2022269610
(21) 2022269610 **(22)** 04.05.2022
(54) CO-THERAPY WITH VECTOR AND NICOTINIC AGONIST
(51) Int. Cl.
A61K 31/55 (2006.01)
A61K 35/761 (2015.01)
A61K 38/18 (2006.01)
A61K 48/00 (2006.01)
A61P 27/02 (2006.01)
(87) WO2022/235786
(31) 63/185,897 **(32)** 07.05.21 **(33)** US
(43) 10.11.2022
(72) NAU, Jeffrey, Alan; CARLSON, Eric, C.
(74) Madderns Pty Ltd
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- (71)** PACKSIZE LLC
(11) AU-A-2022265701
(21) 2022265701 **(22)** 28.04.2022
(54) SYSTEMS AND METHODS FOR FOLDING AND RETAINING BOX FLAPS
(51) Int. Cl.
B65B 43/28 (2006.01)
B65B 43/00 (2006.01)
B65B 43/26 (2006.01)
B65B 43/38 (2006.01)
(87) WO2022/232453
(31) 63/182,066 **(32)** 30.04.21 **(33)** US
 17/730,979 27.04.22 US

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 (74) Griffith Hack
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 (11) AU-A-2021447019
 (21) 2021447019 (22) 27.05.2021
 (54) JAVA DESERIALIZATION EXPLOIT ATTACK DETECTION
 (51) Int. Cl.
G06F 21/53 (2013.01)
G06F 21/55 (2013.01)
 (87) WO2022/248920
 (43) 01.12.2022
 (72) MARCUS, Nadav; BARYAKEV, Efi; ZELIKOV, Oleg
 (74) FPA Patent Attorneys Pty Ltd
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- (71) PARAGON 28, INC.
 (11) AU-A-2022255209
 (21) 2022255209 (22) 08.04.2022
 (54) SURGICAL INSTRUMENTS, GUIDES, AND METHODS OF USE
 (51) Int. Cl.
A61B 17/28 (2006.01)
 (87) WO2022/217281
 (31) 63/173,043 (32) 09.04.21 (33) US
 63/262,845 21.10.21 US
 (43) 13.10.2022
 (72) SCHMIDT, Michael; HUNT, Richard David; DACOSTA, Albert; DOGUE, Joseph; JARBOE, Matt
 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) PARAGON 28, INC.
 (11) AU-A-2022255520
 (21) 2022255520 (22) 05.04.2022
 (54) INSTRUMENTATION AND METHODS FOR TOTAL ANKLE ARTHROPLASTY
 (51) Int. Cl.
A61B 17/14 (2006.01)
A61B 17/15 (2006.01)
A61B 17/17 (2006.01)
A61F 2/46 (2006.01)
 (87) WO2022/217223
 (31) 63/170,879 (32) 05.04.21 (33) US
 (43) 13.10.2022
 (72) DOGUE, Joseph; ALLARD, Randy; MELTON, Duncan; WOODS, Zachary Ryan
 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) PARTILLION BIOSCIENCE CORPORATION
 (11) AU-A-2022258444
 (21) 2022258444 (22) 13.04.2022
 (54) NANOSCALE REACTION CHAMBERS AND METHODS OF USING THE SAME
 (51) Int. Cl.
C12Q 1/6806 (2018.01)
B01L 3/00 (2006.01)
B82Y 5/00 (2011.01)
B82Y 15/00 (2011.01)
C12Q 1/6844 (2018.01)
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- (71) PATTERSON, J.
 (11) AU-A-2022279123
 (21) 2022279123 (22) 16.05.2022
 (54) FIELD GAME
 (51) Int. Cl.
A63B 63/00 (2006.01)
A63B 67/00 (2006.01)
 (87) WO2022/245755
 (31) 17/322,887 (32) 17.05.21 (33) US
 (43) 24.11.2022
 (72) PATTERSON, James
 (74) Adams Pluck
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- (71) PERFUSE THERAPEUTICS, INC.
 (11) AU-A-2022264036
 (21) 2022264036 (22) 29.04.2022
 (54) PHARMACEUTICAL COMPOSITIONS AND INTRAVITREAL DRUG DELIVERY SYSTEMS FOR THE TREATMENT OF OCULAR DISEASES
 (51) Int. Cl.
A61K 31/422 (2006.01)
A61K 9/16 (2006.01)
C07D 413/10 (2006.01)
C07D 413/12 (2006.01)
A61P 27/02 (2006.01)
 (87) WO2022/232588
 (31) 63/182,559 (32) 30.04.21 (33) US
 63/287,737 09.12.21 US
 (43) 03.11.2022
 (72) LIN, Cheng-Wen; GLENDENNING, Angela Dawn; GURKAN, Sevji
 (74) Spruson & Ferguson
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- (71) PERFUSE THERAPEUTICS, INC.
 (11) AU-A-2022264438
 (21) 2022264438 (22) 29.04.2022
 (54) TREATMENT OF OCULAR DISEASES USING ENDOTHELIN RECEPTOR ANTAGONISTS
 (51) Int. Cl.
A61K 41/00 (2020.01)
 (87) WO2022/232586
 (31) 63/182,750 (32) 30.04.21 (33) US
 (43) 03.11.2022
 (72) LIN, Cheng-Wen; GLENDENNING, Angela Dawn; GURKAN, Sevji
 (74) Spruson & Ferguson
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- (71) PETNOW INC.
 (11) AU-A-2022304436
 (21) 2022304436 (22) 27.06.2022
 (54) METHOD AND ELECTRONIC DEVICE FOR CAPTURING IMAGE OF OBJECT FOR IDENTIFYING COMPANION ANIMAL
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- (51) Int. Cl.
G06T 7/00 (2017.01)
G06V 40/10 (2022.01)
H04N 17/02 (2006.01)
 (87) WO2022/277472
 (31) 10-2021-0083752 (32) 28.06.21 (33) KR
 (43) 05.01.2023
 (72) PAK, Dae Hyun; LIM, Joon Ho
 (74) Spruson & Ferguson
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- (71) PFIZER INC.
 (11) AU-A-2022281543
 (21) 2022281543 (22) 25.05.2022
 (54) IMMUNOGENIC COMPOSITIONS COMPRISING CONJUGATED CAPSULAR SACCHARIDE ANTIGENS AND USES THEREOF
 (51) Int. Cl.
A61K 39/09 (2006.01)
 (87) WO2022/249106
 (31) 63/194,641 (32) 28.05.21 (33) US
 63/228,763 03.08.21 US
 (43) 01.12.2022
 (72) ANDERSON, Annaliesya Sybil; GALLAGHER, Caitlyn; GU, Jianxin; KANEVSKY, Isis; KIM, Jin-Hwan; MORAN, Justin Keith; SINGH, Suddham; SURENDRAN, Naveen
 (74) ALLENS PATENT & TRADE MARK ATTORNEYS
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- (71) PHOENIX INDUSTRIES PTY LTD
 (11) AU-A-2022286149
 (21) 2022286149 (22) 02.06.2022
 (54) SPRAY HEAD
 (51) Int. Cl.
B05B 1/06 (2006.01)
B05B 1/18 (2006.01)
B05B 1/34 (2006.01)
 (87) WO2022/251918
 (31) 2021901642 (32) 02.06.21 (33) AU
 (43) 08.12.2022
 (72) FAN, Huijue; YAO, Pengyuan; LIU, Ban Hsi; MAGANA, Marco
 (74) FPA Patent Attorneys Pty Ltd
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- (71) PICTOR LIMITED; THE UNIVERSITY OF MELBOURNE
 (11) AU-A-2022252931
 (21) 2022252931 (22) 08.04.2022
 (54) MULTIPLEX IMMUNOASSAY FOR THE DETECTION OF MYCOPLASMA BOVIS INFECTION
 (51) Int. Cl.
G01N 33/569 (2006.01)
C07K 14/35 (2006.01)
C07K 16/12 (2006.01)
G01N 33/53 (2006.01)
G01N 33/535 (2006.01)
G01N 33/543 (2006.01)
G01N 33/58 (2006.01)
G01N 33/68 (2006.01)
 (87) WO2022/216162
 (31) 774831 (32) 09.04.21 (33) NZ
 (43) 13.10.2022
 (72) KANCI CONDELLO, Anna; BROWNING, Glenn Francis; ADAMU, James Yazah; TEJERINA, Jimena Maria; TIVENDALE, Kelly Anne;

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Nadeeka Jumari; MARKHAM, Philip
Francis; VASHIST, Sandeep Kumar
(74) Catalyst Intellectual Property
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- (71)** PIERIS PHARMACEUTICALS GMBH
(11) AU-A-2022253567
(21) 2022253567 **(22)** 08.04.2022
(54) NOVEL LIPOCALIN MUTEINS SPECIFIC FOR CONNECTIVE TISSUE GROWTH FACTOR (CTGF)
(51) Int. Cl.
C07K 14/435 (2006.01)
(87) WO2022/214649
(31) 21167385.0 **(32)** 08.04.21 **(33)** EP
21192311.5 20.08.21 EP
(43) 13.10.2022
(72) PAVLIDOU, Marina; NEIENS, Vanessa;
HANSBAUER, Eva-Maria; WURZENBERGER,
Claudia; JAQUIN, Thomas;
HERRMANN, Tanja; GRUENER,
Stefan; MATSCHINER, Gabriele
(74) FB Rice Pty Ltd
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- (71)** PRAXAIR TECHNOLOGY, INC.
(11) AU-A-2022256372
(21) 2022256372 **(22)** 11.04.2022
(54) SYSTEM AND METHOD TO PRODUCE LIQUEFIED NATURAL GAS USING TWO DISTINCT REFRIGERATION CYCLES WITH AN INTEGRAL GEAR MACHINE
(51) Int. Cl.
F25J 1/00 (2006.01)
(87) WO2022/221154
(31) 63/175,347 **(32)** 15.04.21 **(33)** US
(43) 20.10.2022
(72) HOWARD, Henry, Edward
(74) Griffith Hack
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- (71)** PRAXAIR TECHNOLOGY, INC.
(11) AU-A-2022257607
(21) 2022257607 **(22)** 11.04.2022
(54) SYSTEM AND METHOD TO PRODUCE LIQUEFIED NATURAL GAS USING TWO DISTINCT REFRIGERATION CYCLES WITH AN INTEGRAL GEAR MACHINE
(51) Int. Cl.
F25J 1/00 (2006.01)
(87) WO2022/221157
(31) 63/175,163 **(32)** 15.04.21 **(33)** US
(43) 20.10.2022
(72) HOWARD, Henry Edward
(74) Griffith Hack
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- (71)** PRAXAIR TECHNOLOGY, INC.
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(51) Int. Cl.
F25J 1/00 (2006.01)
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C07K 19/00 (2006.01)
A61K 35/14 (2015.01)
A61K 38/19 (2006.01)
A61K 38/20 (2006.01)
A61K 38/28 (2006.01)
A61P 35/00 (2006.01)
A61P 37/04 (2006.01)
A61P 37/06 (2006.01)
C07K 14/535 (2006.01)
C07K 14/705 (2006.01)
C07K 14/715 (2006.01)
C12N 5/07 (2010.01)
C12N 5/10 (2006.01)
C12N 15/27 (2006.01)
C12N 15/62 (2006.01)
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(21) 2022270381 **(22)** 05.05.2022
(54) DEVICES FOR DISPENSING FLUIDS
(51) Int. Cl.
B67D 1/00 (2006.01)
A47L 15/44 (2006.01)
B05B 9/08 (2006.01)
B67D 1/10 (2006.01)
D06F 39/02 (2006.01)
F04C 5/00 (2006.01)
G01D 5/347 (2006.01)
G01P 3/36 (2006.01)
A61M 5/142 (2006.01)
A61M 5/145 (2006.01)
B67D 1/08 (2006.01)
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(43) 10.11.2022
(72) HAYES-PANKHURST, Richard, Paul;
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(54) ALGINATE FIBER AND PREPARATION METHOD THEREFOR
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- (51)** Int. Cl.
D01F 9/04 (2006.01)
D01F 1/10 (2006.01)
D06M 15/37 (2006.01)
D06P 1/52 (2006.01)
D06M 101/04 (2006.01)
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E06B 9/15 (2006.01)
E06B 9/08 (2006.01)
E06B 9/11 (2006.01)
E06B 9/34 (2006.01)
E06B 9/42 (2006.01)
E06B 9/58 (2006.01)
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(54) VALVE CONTROL SYSTEM AND METHOD
(51) Int. Cl.
A01M 7/00 (2006.01)
A01C 5/06 (2006.01)
A01C 7/06 (2006.01)
A01C 23/00 (2006.01)
B05B 12/02 (2006.01)
B05B 12/08 (2006.01)
(87) WO2022/216285
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C07D 209/88 (2006.01)
A61K 31/14 (2006.01)
A61K 31/403 (2006.01)
C07D 209/86 (2006.01)
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A62C 35/68 (2006.01)
A62C 37/11 (2006.01)
A62C 37/46 (2006.01)
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C07D 405/04 (2006.01)
A61K 31/4025 (2006.01)
A61P 15/16 (2006.01)
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 (21) 2022253266 (22) 07.04.2022
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A61K 39/395 (2006.01)
A61K 38/17 (2006.01)
A61P 31/00 (2006.01)
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C07K 14/705 (2006.01)
C07K 16/00 (2006.01)
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B01D 9/00 (2006.01)
B01F 25/313 (2022.01)
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B01F 35/53 (2022.01)
C02F 1/52 (2023.01)
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 (74) PHILLIPS ORMONDE FITZPATRICK

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B62D 55/32 (2006.01)
B65G 23/00 (2006.01)
F16B 5/02 (2006.01)
F16G 13/06 (2006.01)
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 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

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 (54) CHOKE DEVICE AND AN ASSEMBLY TO SUPPLY A GRANULAR OR POWDER PRODUCT PROVIDED WITH THE CHOKE DEVICE, IN PARTICULAR FOR AN AUTOMATIC BEVERAGE VENDING MACHINE
 (51) Int. Cl.
G07F 13/00 (2006.01)
A23G 9/28 (2006.01)
A47J 31/44 (2006.01)
F16K 7/04 (2006.01)
F16K 7/06 (2006.01)
G07F 11/44 (2006.01)
G07F 11/62 (2006.01)
G07F 13/10 (2006.01)
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 (43) 17.11.2022
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 (74) Davies Collison Cave Pty Ltd

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 (54) AUTOMATIC BEVERAGE VENDING MACHINE

(51) Int. Cl.
G07F 9/10 (2006.01)
A47J 31/40 (2006.01)
A47J 31/44 (2006.01)
G07F 13/06 (2006.01)
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H01R 13/627 (2006.01)
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 (54) DEVICE, METHOD AND VEHICLE
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F41G 3/14 (2006.01)
F41J 5/056 (2006.01)
F41J 5/06 (2006.01)
G01S 3/808 (2006.01)
G01S 5/18 (2006.01)
G01S 5/22 (2006.01)
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 (72) HARMSTORF, Johann
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B62D 55/30 (2006.01)
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E05F 15/74 (2015.01)
E06B 9/00 (2006.01)
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(21) 2022270667 (22) 05.05.2022
- (54) METHOD AND APPARATUS TO REDUCE DEW CONDENSATION
- (51) Int. Cl.
F24F 7/007 (2006.01)
F24F 11/00 (2018.01)
F24F 13/22 (2006.01)
F24F 110/10 (2018.01)
F24F 110/20 (2018.01)
F24F 140/30 (2018.01)
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B01L 3/00 (2006.01)
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E21B 7/06 (2006.01)
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E21B 49/10 (2006.01)
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G02B 5/28 (2006.01)
G02B 1/115 (2015.01)
G02C 7/10 (2006.01)
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G01N 17/02 (2006.01)
C23F 13/04 (2006.01)
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G01B 3/12 (2006.01)
B60B 19/00 (2006.01)
F16L 55/28 (2006.01)
G01B 7/04 (2006.01)
G01D 5/12 (2006.01)
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C12N 1/20 (2006.01)
C12N 15/87 (2006.01)
C12N 9/12 (2006.01)
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F16G 11/14 (2006.01)
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A47B 97/04 (2006.01)
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 (72) SCHWIND, John
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 (54) FISH FARMING CAGE UTILIZING
 LIVE BIOMASS AS DRIVING FORCE
 FOR WATER EXCHANGE
 (51) Int. Cl.
A01K 61/60 (2017.01)
F04F 99/00 (2009.01)
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 (31) 20210606 (32) 14.05.21 (33) NO
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 (51) Int. Cl.
H04N 21/8545 (2011.01)
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 (31) FR2103572 (32) 07.04.21 (33) FR
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 MIKOLAJCZYK, Pawel; KOKI, Taro
 (74) KINGS PATENT & TRADE MARKS AT-
 TORNEYS PTY LTD

(71) SENTIENT SCIENCE CORPORATION
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 (54) SYSTEMS AND METHODS FOR HY-
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 (51) Int. Cl.
G06N 7/00 (2023.01)
B64D 45/00 (2006.01)
B64F 5/60 (2017.01)
G06F 11/30 (2006.01)
G06N 20/00 (2019.01)
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 (31) 63/171,801 (32) 07.04.21 (33) US
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C12Q 1/6874 (2018.01)
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 (72) LOKA, Tobias; RENARD, Bernhard;
 KNOBLOCH, Henri
 (74) Alder IP Pty Ltd

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 NOLOGY CO., LTD.
 (11) AU-A-2022267488
 (21) 2022267488 (22) 18.02.2022
 (54) SHELL-SHAPED DENTAL INSTRU-
 MENT AND SHELL-SHAPED DENTAL
 APPLIANCE SET
 (51) Int. Cl.
A61C 7/00 (2006.01)
A61C 7/08 (2006.01)
 (87) WO2022/227806
 (31) 202110484369.4 (32) 30.04.21 (33) CN
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 (43) 03.11.2022
 (72) ZHUANG, Huimin; WANG, Xingxing;
 WU, Gang; YAO, Junfeng
 (74) Madderns Pty Ltd

(71) SHANGRAO JINKO SOLAR TECHNO-
 LOGY DEVELOPMENT CO., LTD
 (11) AU-A-2022444365
 (21) 2022444365 (22) 26.09.2022
 (54) SOLAR CELL AND MANUFACTURING
 METHOD THEREFOR
 (51) Int. Cl.
H01L 31/0224 (2006.01)
H01L 31/0236 (2006.01)
H01L 31/18 (2006.01)
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A61K 38/20 (2006.01)
C12N 15/09 (2006.01)
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 TRICAL OPERATING POWER
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H02M 3/156 (2006.01)
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 AND LASER BASED METHODS FOR
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B29C 35/08 (2006.01)
B29C 35/00 (2006.01)
B29C 35/02 (2006.01)
B29C 39/02 (2006.01)
G02C 7/02 (2006.01)
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A61K 47/02 (2006.01)
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A63F 13/92 (2014.01)
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G06T 7/00 (2017.01)
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C02F 1/461 (2023.01)
C12P 7/04 (2006.01)
C25B 1/02 (2006.01)
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C25B 3/03 (2021.01)
C25B 3/07 (2021.01)
C25B 3/25 (2021.01)
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C05G 5/12 (2020.01)
C05C 9/00 (2006.01)
C05D 9/00 (2006.01)
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A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C12N 15/13 (2006.01)
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A61P 31/14 (2006.01)
C07K 14/005 (2006.01)
C07K 14/705 (2006.01)
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A47L 5/22 (2006.01)
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A47L 11/20 (2006.01)
A47L 11/34 (2006.01)

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 A61B 17/122 (2006.01)
 F16B 2/02 (2006.01)
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 H04W 88/18 (2009.01)
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 C07B 59/00 (2006.01)
 A61K 51/04 (2006.01)
 A61P 35/00 (2006.01)
 C07C 275/16 (2006.01)
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 G06F 17/18 (2006.01)
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A61K 47/26 (2006.01)
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C12N 15/67 (2006.01)
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A23L 27/30 (2016.01)
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E04H 4/12 (2006.01)
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A61K 8/42 (2006.01)
A61K 8/44 (2006.01)
A61K 8/60 (2006.01)
A61K 8/73 (2006.01)
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A61K 8/04 (2006.01)
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 A61K 47/59 (2017.01)
 A61K 51/12 (2006.01)
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 B01J 12/00 (2006.01)
 C01B 3/48 (2006.01)
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 C07C 29/151 (2006.01)
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 C01B 3/12 (2006.01)
 B01J 8/06 (2006.01)
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H04W 16/28 (2009.01)
H04W 84/18 (2009.01)
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H01L 31/18 (2006.01)
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G05D 3/12 (2006.01)
G06T 7/246 (2017.01)
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H02H 3/06 (2006.01)
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H02H 3/07 (2006.01)
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C12N 15/113 (2010.01)
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G01R 31/12 (2020.01)
H01B 7/18 (2006.01)
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 (54) METHOD FOR BONDING A THERMOPLASTIC PIPING SYSTEM WITHOUT THE USE OF SOLVENT-BASED ADHESIVES, AND ASSOCIATED ADHESIVE WITHOUT THE USE OF SOLVENTS
 (51) Int. Cl.
C08F 222/32 (2006.01)
B29C 65/52 (2006.01)
C08J 5/12 (2006.01)
C09J 4/06 (2006.01)
C09J 7/10 (2018.01)
C09J 11/06 (2006.01)
C09J 11/08 (2006.01)
F16L 47/00 (2006.01)
F16L 47/02 (2006.01)
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C22B 3/00 (2006.01)
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C12N 15/113 (2010.01)
A61K 31/7088 (2006.01)
A61K 31/713 (2006.01)
A61K 48/00 (2006.01)
A61P 25/08 (2006.01)
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 (54) METHODS OF TREATING RETINAL VASCULOPATHIES
 (51) Int. Cl.
A61K 38/17 (2006.01)
A61K 39/395 (2006.01)
 (87) WO2022/221315
 (31) 63/174,188 (32) 13.04.21 (33) US
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 (54) HETEROARYL COMPOUNDS USEFUL IN THE TREATMENT OF COGNITIVE DISORDERS
 (51) Int. Cl.
C07D 401/14 (2006.01)
A61K 31/4439 (2006.01)
A61P 25/28 (2006.01)
C07D 403/12 (2006.01)
C07D 413/12 (2006.01)
C07D 413/14 (2006.01)
C07D 417/14 (2006.01)
C07D 471/04 (2006.01)
C07D 487/04 (2006.01)
C07D 491/048 (2006.01)
C07D 491/056 (2006.01)
C07D 491/08 (2006.01)
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2021444045	DENEK MEDICAL, S.L.	2022254780	NEWSOUTH INNOVATIONS PTY LIMITED
2021444332	TMT TAPPING MEASURING TECHNOLOGY SÀRL	2022254784	NATIONAL RESEARCH COUNCIL OF CANADA
2021444680	ELSTEEL (PRIVATE) LIMITED	2022254851	CILIAN AG
2021445458	YOO, Y.H.; FAWOO NANOTECH CO. LTD.	2022254857	OXFORD UNIVERSITY INNOVATION LIMITED
2021445637	ALPHA COGNITION INC.	2022254960	MERCK SHARP & DOHME LLC
2021445686	GROW GROUP PLC	2022255037	CASCADE READING, INC.
2021445879	GEOQUEST SYSTEMS B.V.	2022255068	REACTON FIRE SUPPRESSION LTD.
2021445961	EMMANOUILIDIS, I.	2022255073	LIFEARC
2021445963	ARCELORMITTAL	2022255175	MAZE THERAPEUTICS, INC.
2021446056	ARCELORMITTAL	2022255198	FRED HUTCHINSON CANCER CENTER
2021446400	SCHWIND, J.	2022255209	PARAGON 28, INC.
2021446923	NOVINIUM, INC.	2022255297	VERSUNI HOLDING B.V.
2021447019	PALO ALTO NETWORKS (ISRAEL ANALYTICS) LTD.	2022255324	WYZE LABS, INC.
2021447270	NIPPON TELEGRAPH AND TELEPHONE CORPORATION	2022255446	FUNDAÇÃO D. ANNA DE SOMMER CHAMPALIMAUD E DR. CARLOS MONTEZ CHAMPALIMAUD - CENTRO DE INVESTIGAÇÃO DA FUNDAÇÃO CHAMPALIMAUD; IDMIND - ENGENHARIA DE SISTEMAS, LDA
2021449885	NIPPON TELEGRAPH AND TELEPHONE CORPORATION	2022255504	JANSSEN BIOTECH, INC.
2021449966	NIPPON TELEGRAPH AND TELEPHONE CORPORATION	2022255520	PARAGON 28, INC.
2021450042	LG ELECTRONICS INC.	2022255563	SENTIENT SCIENCE CORPORATION
2021450239	GD MIDEA HEATING & VENTILATING EQUIPMENT CO., LTD.; HEFEI MIDEA HEATING & VENTILATING EQUIPMENT CO., LTD.	2022255573	ALTHEIA SCIENCE S.R.L.
2021450256	ESSITY HYGIENE AND HEALTH AKTIEBOLAG	2022255593	CLEARWELL ENERGY HOLDINGS LIMITED
2021450553	CHINA PETROLEUM & CHEMICAL CORPORATION; SINOPEC SOUTHWEST OIL & GAS COMPANY	2022255721	TECHTRONIC FLOOR CARE TECHNOLOGY LIMITED
2021450579	ESSITY HYGIENE AND HEALTH AKTIEBOLAG	2022255864	TAN, S.
2021450655	ELECTROLUX APPLIANCES AKTIEBOLAG	2022255919	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
2021450710	KEWPIE CORPORATION; KEWPIE EGG CORPORATION	2022255940	TETS, V.; TETS, G.
2021450918	KONE CORPORATION	2022256245	STEMCELL TECHNOLOGIES CANADA INC.
2021451126	ELECTROLUX APPLIANCES AKTIEBOLAG	2022256372	PRAXAIR TECHNOLOGY, INC.
2021451465	ELECTROLUX APPLIANCES AKTIEBOLAG	2022256612	CULLGEN (SHANGHAI), INC.
2021452800	SCHENCK PROCESS EUROPE GMBH	2022256669	ROBERT BOSCH GMBH
2021454099	MICROSOFT TECHNOLOGY LICENSING LLC	2022256704	FIBERBINDER APS
2021455295	mitsubishi electric corporation; WASEDA UNIVERSITY	2022257004	ARSENAL BIOSCIENCES, INC.
2021472115	ZTE CORPORATION	2022257125	GUANGZHOU SHIYUAN ELECTRONICS CO., LTD.; GUANGZHOU SHIRUI ELECTRONICS CO., LTD.
2022252907	KAICO LTD.; KAGOSHIMA UNIVERSITY; KYUSHU UNIVERSITY, NATIONAL UNIVERSITY CORPORATION	2022257127	GUANGZHOU SHIYUAN ELECTRONICS CO., LTD.; GUANGZHOU SHIRUI ELECTRONICS CO., LTD.
2022252931	PICTOR LIMITED; THE UNIVERSITY OF MELBOURNE	2022257301	UCL BUSINESS LTD
2022252981	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	2022257317	DYSON TECHNOLOGY LIMITED
2022252984	GALDERMA HOLDING SA; CHUGAI SEIYAKU KABUSHIKI KAISHA	2022257322	NANOSUN IP LIMITED
2022253235	SULVARIS INC.	2022257375	ELGAN PHARMA LTD
2022253242	BRISTOL-MYERS SQUIBB COMPANY	2022257607	PRAXAIR TECHNOLOGY, INC.
2022253257	TAE TECHNOLOGIES, INC.	2022257621	NUVALENT, INC.
2022253266	REPertoire IMMUNE MEDICINES, INC.	2022257766	UNIVERSITY PUBLIC CORPORATION OSAKA; MOZU-ENERGY CO., LTD.
2022253269	CELLDEX THERAPEUTICS, INC.	2022258189	PRAXAIR TECHNOLOGY, INC.
2022253363	BLOCK ENERGY LLC	2022258326	STRUCTURAL SERVICES, INC.
2022253567	PIERIS PHARMACEUTICALS GMBH	2022258327	UNITY BIOTECHNOLOGY, INC.
2022253717	VIXXOL CORPORATION; CHR. HANSEN A/S	2022258335	MODERNATX, INC.
2022253776	KAPELERIS, J.	2022258386	CIRQLE BIOMEDICAL CONTRACEPTION APS
2022253837	TECMEN ELECTRONICS CO., LTD	2022258444	PARTILLION BIOSCIENCE CORPORATION
2022253865	FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH	2022258463	MODERNATX, INC.
2022253999	CJ CHEILJEDANG CORPORATION	2022258575	BIOCRYST PHARMACEUTICALS, INC.
		2022258658	CS MEDICA A/S

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2022258666	ORTHO HUB VENTURES UG (HAFTUNGSBESCHRÄNKT)	2022268583	ETH ZURICH
2022258759	ANJARIUM BIOSCIENCES AG	2022268632	GIDARA ENERGY B.V.
2022259583	JACKSON FAMILY WINES	2022268726	ADAMA MAKHTESHIM LTD.
2022259629	DYSON TECHNOLOGY LIMITED	2022268749	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RE- SEARCH
2022259641	VITUX GROUP AS	2022268877	BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM
2022259658	BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM	2022268912	AGILENT TECHNOLOGIES, INC.
2022259682	THE GOETTL DESIGN GROUP, LLC	2022268934	MEDSOURCE INTERNATIONAL LLC
2022259868	WATERCO LIMITED	2022269007	THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA; ALPHATHERA
2022259871	VISION TECH BIO PTY LTD	2022269053	DEFENCE THERAPEUTICS INC.
2022260136	RODENSTOCK GMBH	2022269054	BIRCHBIOMED INC.
2022260281	BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM	2022269066	VANDERBILT UNIVERSITY
2022260409	RHEINMETALL ELECTRONICS GMBH	2022269073	ALX ONCOLOGY INC.
2022260555	CRDC GLOBAL LIMITED	2022269247	IGUS GMBH
2022260582	HOT LIME LABS LIMITED	2022269298	CAPTANA GMBH
2022260794	TEMPLE THERAPEUTICS BV	2022269316	THE HEALTHY AGING COMPANY
2022260859	D & D GROUP PTY LTD	2022269334	MVG INDUSTRIES
2022261117	KINNATE BIOPHARMA INC.	2022269403	LOADHOG LIMITED
2022261125	UNIVERSITY OF ROCHESTER	2022269415	COUNCIL OF SCIENTIFIC & INDUSTRIAL RE- SEARCH
2022261159	KINNATE BIOPHARMA INC.	2022269610	OYSTER POINT PHARMA, INC.
2022261181	VIDEOAMP, INC.	2022269639	RITE-HITE HOLDING CORPORATION
2022261745	INTERCONTINENTAL GREAT BRANDS LLC	2022269650	CB&I STS DELAWARE LLC
2022262088	BAYLOR COLLEGE OF MEDICINE	2022269663	THE BROAD INSTITUTE, INC.; MASSACHUSETTS INSTITUTE OF TECHNOLOGY
2022262255	ESSERRE PHARMA SRL	2022269668	FLIGHTWAVE AEROSPACE SYSTEMS
2022262280	FORTISCUE, D.	2022269682	TAIMI R&D INC.
2022262723	JK-HOLDING GMBH	2022269828	IMMATICS BIOTECHNOLOGIES GMBH
2022262767	CLOCKWORK SYSTEMS, INC.	2022270088	REGENTS OF THE UNIVERSITY OF MINNESOTA
2022263171	HOT LIME LABS LIMITED	2022270111	SUNCOKE TECHNOLOGY AND DEVELOPMENT LLC
2022263376	KING'S COLLEGE LONDON	2022270157	FLIGHTWAVE AEROSPACE SYSTEMS
2022263631	ACONDICIONAMIENTO TARRASENSE	2022270166	ELDEC AEROSPACE CORPORATION
2022263683	JIANGSU HENGRUI PHARMACEUTICALS CO., LTD.; SHANGHAI SHENGDI PHARMACEUTICAL CO., LTD.	2022270169	TRELLISWARE TECHNOLOGIES, INC.
2022263818	TENARIS CONNECTIONS B.V.	2022270202	CARGILL, INCORPORATED
2022264032	THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA	2022270212	THORLEY INDUSTRIES, LLC (DBA 4MOMS)
2022264036	PERFUSE THERAPEUTICS, INC.	2022270215	BAKER HUGHES OILFIELD OPERATIONS LLC
2022264438	PERFUSE THERAPEUTICS, INC.	2022270347	DISCUVA LIMITED
2022264803	IGLOO PRODUCTS CORP.	2022270349	ESSILOR INTERNATIONAL
2022264844	MEDINCELL SA	2022270381	PSG GERMANY GMBH
2022264921	METAGENOMI, INC.	2022270393	TEKNOLOGIAN TUTKIMUSKESKUS VTT OY
2022264944	LIGANDAL, INC.	2022270411	UNIVERSITY COLLEGE CARDIFF CONSULTANTS LIMITED
2022265064	CHENGDU ANTICANCER BIOSCIENCE, LTD.	2022270438	ORGANIC ESSENTIALS PTY LTD
2022265077	NUOVO PIGNONE TECNOLOGIE - S.R.L.	2022270499	CHUGAI SEIYAKU KABUSHIKI KAISHA
2022265392	GRAND PHARMA (CHINA) CO., LTD.	2022270595	SAFEHEAL SAS
2022265701	PACKSIZE LLC	2022270607	NORTH CAROLINA STATE UNIVERSITY; THE UNI- VERSITY OF NORTH CAROLINA AT CHAPEL HILL
2022266054	WINGCOPTER GMBH	2022270667	RITE-HITE HOLDING CORPORATION
2022266743	HOLLISTER INCORPORATED	2022270758	TELEFLEX MEDICAL INCORPORATED
2022266999	WINGCOPTER GMBH	2022270925	MICRON AGRITECH LIMITED
2022267160	ASTELLAS PHARMA INC.; KOTOBUKI PHARMA- CEUTICAL CO., LTD.	2022270948	ROSEN IP AG
2022267240	ATAI THERAPEUTICS, INC.	2022270949	ROSEN IP AG
2022267256	BEIJING DAJIA INTERNET INFORMATION TECHNO- LOGY CO., LTD.	2022270984	RAZIEL THERAPEUTICS LTD.
2022267265	ZERO NOX, INC.	2022271196	CONTROL COMPONENTS, INC.
2022267320	SALK INSTITUTE FOR BIOLOGICAL STUDIES	2022271234	THE COCA-COLA COMPANY
2022267356	THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA	2022271241	SHORELINE BIOSCIENCES, INC.
2022267488	SHANGHAI SMARTEE DENTI-TECHNOLOGY CO., LTD.	2022271260	EDDY PUMP CORPORATION
2022267510	GUANGZHOU SHIYUAN ELECTRONICS CO., LTD.; GUANGZHOU SHIRUI ELECTRONICS CO., LTD.	2022271274	SMARTTECH TOPICAL, INC.
2022267569	MOMENTIVE PERFORMANCE MATERIALS INC.	2022271290	KYMERA THERAPEUTICS, INC.
2022267613	JIANGSU MABWELL HEALTH PHARMACEUTIC- AL R&D CO., LTD.; MABWELL (SHANGHAI) BIOS- CIENCE CO., LTD.	2022271304	AUTOBAHN THERAPEUTICS, INC.
2022267733	WINGCOPTER GMBH	2022271349	SUBDUE GLOBAL PTY LTD
2022267748	WINGCOPTER GMBH	2022271351	D & D GROUP PTY LTD
2022267900	NOON AESTHETICS M.R. LTD.	2022271562	WELBILT UK LIMITED
2022268266	HOLOGIC, INC.	2022271569	RHEAVENDORS INDUSTRIES S.P.A.
2022268421	ENERKEM INC.	2022271575	STRYKER EUROPEAN OPERATIONS LIMITED
		2022271581	NUOVO PIGNONE TECNOLOGIE - S.R.L.
		2022271741	CHIOME BIOSCIENCE INC.
		2022271790	TFF PHARMACEUTICALS, INC.
		2022271919	COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION

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2022272134	RESOURSEAS S.R.L.	2022279173	SUZHOU KANOVA BIOPHARMACEUTICAL CO., LTD.; BEIJING KANOVA BIOPHARMACEUTICAL CO., LTD.
2022272172	REXNORD INDUSTRIES, LLC	2022279287	BARD ACCESS SYSTEMS, INC.
2022272190	THESEUS PHARMACEUTICALS, INC.	2022279566	TOPSOE A/S
2022272209	ASAHI GROUP HOLDINGS, LTD.; ASAHI BREWERIES, LTD.	2022279657	KOOLLOGIX PTE. LTD.
2022272402	L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE	2022279727	ROCKATEK LIMITED
2022272446	L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE	2022280007	CNH INDUSTRIAL AMERICA LLC
2022272611	ITRON, INC.	2022280050	COLGATE-PALMOLIVE COMPANY
2022272620	THE UNIVERSITY OF TOLEDO	2022280051	FUJIFILM CELLULAR DYNAMICS, INC.; FUJIFILM HOLDINGS AMERICA CORPORATION
2022272659	DOMPE' FARMACEUTICI SPA	2022280071	INVUE SECURITY PRODUCTS INC.
2022272727	UNDERGROUND SYSTEMS, INC.	2022280088	ALNYLAM PHARMACEUTICALS, INC.
2022273023	ABBVIE INC.	2022280400	YEDA RESEARCH AND DEVELOPMENT CO. LTD.
2022273063	GENENTECH, INC.	2022280642	BECTON, DICKINSON AND COMPANY
2022273065	TECHNION RESEARCH & DEVELOPMENT FOUNDATION LIMITED; BENEVIRA INC.	2022280860	LINEAGE LOGISTICS, LLC
2022273103	QINGDAO UNIVERSITY	2022280872	COLGATE-PALMOLIVE COMPANY
2022273109	COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION	2022280952	BEAM THERAPEUTICS INC.
2022273489	SEAFARMING SYSTEMS AS	2022281134	SUEZ INTERNATIONAL; INSTITUT NATIONAL DE RECHERCHE POUR L'AGRICULTURE, L'ALIMENTATION ET L'ENVIRONNEMENT
2022273530	THE BROAD INSTITUTE, INC.; MASSACHUSETTS INSTITUTE OF TECHNOLOGY	2022281289	BARANOWITZ, S.
2022273615	ABBVIE INC.	2022281320	BAXTER INTERNATIONAL INC.; BAXTER HEALTHCARE SA
2022273773	SHINE TECHNOLOGIES, LLC	2022281358	ATAI THERAPEUTICS, INC.
2022273775	WILD MAN LAB LLC	2022281433	SIGHTGLASS VISION, INC.
2022273821	ESSILOR INTERNATIONAL	2022281466	VETERINARY PHARMACY CORPORATION
2022273827	NX FILTRATION B.V.	2022281533	INPECO SA
2022273867	THE GENERAL HOSPITAL CORPORATION; CARAVAN, P.; NING, Y.; MA, H.; SHUVAEV, S.; AKAM, E.	2022281543	PFIZER INC.
2022273945	RHEAVENDORS INDUSTRIES S.P.A.	2022281946	SK BIOPHARMACEUTICALS CO., LTD.
2022273946	RHEAVENDORS INDUSTRIES S.P.A.	2022282192	ILLUMINA, INC.; ILLUMINA CAMBRIDGE LIMITED
2022273993	STEGO HOLDING GMBH	2022282203	VISA INTERNATIONAL SERVICE ASSOCIATION
2022274152	FMC AGRICULTURAL SOLUTIONS A/S	2022282208	WAKE FOREST UNIVERSITY HEALTH SCIENCES
2022274239	CAMENA BIOSCIENCE LIMITED	2022282279	CNH INDUSTRIAL AMERICA LLC
2022274306	ASTRAZENECA AB	2022282825	OPTERAN TECHNOLOGIES LIMITED
2022274536	CATERPILLAR INC.	2022282846	ARCELORMITTAL
2022274818	CONOCOPHILLIPS COMPANY	2022283200	AIMMAX THERAPEUTICS, INC.
2022274845	IMPOSSIBLE MINING INC.	2022283262	ASTELLAS GENE THERAPIES, INC.
2022274846	SKILLZ PLATFORM INC.	2022283265	COLGATE-PALMOLIVE COMPANY
2022275011	INSUSENSE APS	2022283266	COLGATE-PALMOLIVE COMPANY
2022275098	CHEMETALL GMBH	2022283514	MUNTERS EUROPE AKTIEBOLAG
2022275104	BASF SE	2022283546	TOPSOE A/S
2022275109	UNECOL ADHESIVE IDEAS, S.L.	2022284299	TOPSOE A/S
2022275216	LEONARDO S.P.A	2022284770	ILLUMINA, INC.
2022275693	CURIUM US LLC	2022285132	XYLEM EUROPE GMBH
2022275785	UNIQUE FRANCE; REGENXBIO INC.; INSERM (Institut National de la Santé et de la Recherche Médicale); CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE; UNIVERSITÉ DE BORDEAUX; UNIVERSITÉ D'AIX-MARSEILLE	2022285451	KRISTALBOND TECHNOLOGIES SDN BHD
2022275835	BARD ACCESS SYSTEMS, INC.	2022285674	JELLISEE OPHTHALMICS INC.
2022275923	BOSTONGENE CORPORATION	2022285762	ZIMMER, INC.
2022276471	SCHULZ, N.	2022285881	TETRA LAVAL HOLDINGS & FINANCE S.A.
2022277493	CHENGDU BAIYU PHARMACEUTICAL CO., LTD.	2022285893	ALBIREO AB
2022277600	HUMMINGBIRD DIAGNOSTICS GMBH	2022285937	TANDEM DIABETES CARE SWITZERLAND SÀRL
2022277601	HYDAC FLUIDCARECENTER GMBH	2022286149	PHOENIX INDUSTRIES PTY LTD
2022277617	DR. FALK PHARMA GMBH	2022286539	TRUMA GERÄTE TECHNIK GMBH & CO. KG
2022277748	NAPIFERYN BIOTECH SP. Z O.O	2022286613	TELIX PHARMACEUTICALS (INNOVATIONS) PTY LTD
2022277984	HEATHCOAT FABRICS LIMITED	2022286625	BAYER AKTIENGESELLSCHAFT
2022278011	FRIDMAN-MINTZ, B.	2022286649	TOPSOE A/S
2022278136	KUBOTA CORPORATION	2022286875	HYAQU INC.
2022278168	HUAWEI TECHNOLOGIES CO., LTD.	2022287914	GRAPHIC PACKAGING INTERNATIONAL, LLC
2022278330	SIEMENS ENERGY GLOBAL GMBH & CO. KG	2022287990	FORESEE PHARMACEUTICALS CO., LTD.
2022278434	SEQSTANT GMBH	2022289445	GEA FARM TECHNOLOGIES GMBH
2022278579	VYGON	2022290085	JFE STEEL CORPORATION
2022278601	ELECTROCHAEA GMBH	2022290382	BAYER AKTIENGESELLSCHAFT
2022278674	THORN SECURITY LIMITED	2022290589	FORESEE PHARMACEUTICALS CO., LTD.
2022279123	PATTERSON, J.	2022290851	C4 THERAPEUTICS, INC.
2022279159	CONOCOPHILLIPS COMPANY	2022290913	SODASTREAM INDUSTRIES LTD.
		2022291108	CAREFUSION 303, INC.
		2022291836	AMGEN INC.
		2022292559	QUALITAS MANUFACTURING INCORPORATED
		2022293857	THE PROCTER & GAMBLE COMPANY
		2022294424	YAZAKI ENERGY SYSTEM CORPORATION
		2022295152	SOCIETE DES PRODUITS NESTLE SA
		2022295966	THE PROCTER & GAMBLE COMPANY

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2022297647	ELECTROLUX APPLIANCES AKTIEBOLAG
2022299252	NOUSCOM AG
2022304436	PETNOW INC.
2022304662	AMGEN INC.
2022305651	KAIRISH INNOTECH PRIVATE LTD.
2022306138	VARISCO S.R.L.
2022306204	YOSHINO GYPSUM CO., LTD.
2022307943	HELMHOLTZ-ZENTRUM FÜR INFEK- TIONSFORSCHUNG GMBH; LEAD DISCOVERY CEN- TER GMBH
2022309907	SUNGROW POWER SUPPLY CO., LTD.
2022311442	HEIDELBERG MATERIALS AG
2022317776	CRRC YANGTZE GROUP CO., LTD.
2022319629	ST REPRODUCTIVE TECHNOLOGIES, LLC
2022326295	FUTAMURA KAGAKU KABUSHIKI KAISHA
2022326745	RHEINMETALL LANDSYSTEME GMBH
2022349541	UPSIDE FOODS, INC.
2022368368	JIANGSU HENGXIN TECHNOLOGY CO., LTD; JI- ANGSU HENGXIN WIRELESS TECHNOLOGY CO., LTD
2022375265	TRINA SOLAR CO., LTD
2022378129	TRINA SOLAR CO., LTD
2022388905	ELECTRIC POWER RESEARCH INSTITUTE OF YUN- NAN POWER GRID CO., LTD
2022397584	VERTIV TECH CO., LTD.
2022417274	AMPLUS Co., Ltd.
2022418482	WUHAN OPTICS VALLEY ZOYON SCIENCE AND TECHNOLOGY CO., LTD.
2022420567	LG ENERGY SOLUTION, LTD.
2022424649	LG ENERGY SOLUTION, LTD.
2022427353	LG ENERGY SOLUTION, LTD.
2022431598	LG ENERGY SOLUTION, LTD.
2022444365	SHANGRAO JINKO SOLAR TECHNOLOGY DEVEL- OPMENT CO., LTD
2022445522	TENCENT AMERICA LLC
2023203192	BARGENT THERAPEUTICS PTY LIMITED
2023258451	HANSHOW TECHNOLOGY CO., LTD.

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<u>A01G 9 /-</u>	<u>A21D 2 /-</u>	<u>A23L 29 /-</u>	2022280071	2022268266 2022281289	
2022272402	2022270202	2021450710 2022253776 2022271234	<u>A47F 7 /-</u>	<u>A61B 90 /-</u>	
<u>A01K 39 /-</u>	<u>A23D 9 /-</u>	<u>A23L 33 /-</u>	2022280071	2022278579	
2022255446	2022295152	2022252907 2022253717 2022253776 2022254722 2022257375 2022262255 2022271234	<u>A47J 31 /-</u>	<u>A61C 7 /-</u>	
<u>A01K 61 /-</u>	<u>A23F 3 /-</u>	2022252907 2022253717 2022253776 2022254722 2022257375 2022262255 2022271234	2022255297 2022271569 2022273945 2022286875	2022267488	
2022255446 2022273489	2022254722	<u>A23G 1 /-</u>	<u>A47J 37 /-</u>	<u>A61D 7 /-</u>	
<u>A01K 67 /-</u>	<u>A23G 1 /-</u>	2022270202	2022271562	2022319629	
2022252907	2022270202	<u>A23G 3 /-</u>	<u>A47K 10 /-</u>	<u>A61F 11 /-</u>	
<u>A01M 23 /-</u>	<u>A23G 3 /-</u>	<u>A41D 19 /-</u>	2021441447	2022253837	
2022275104	2022261745	2021439559	<u>A47L 11 /-</u>	<u>A61F 13 /-</u>	
<u>A01M 25 /-</u>	<u>A23G 4 /-</u>	<u>A45C 11 /-</u>	2022255721	2021450256 2021450579	
2022275104	2022261745	2022264803	<u>A47L 15 /-</u>	<u>A61F 2 /-</u>	
<u>A01M 7 /-</u>	<u>A23G 9 /-</u>	<u>A45C 13 /-</u>	2022270381	2022255520 2022285674 2022285762	<u>A61K 33 /-</u>
2021439481	2022271569	2022264803	<u>A47L 17 /-</u>		2022258658 2022267900 2022281289
<u>A01N 25 /-</u>	<u>A23J 1 /-</u>	<u>A46B 11 /-</u>	2022270438	<u>A61G 13 /-</u>	<u>A61K 35 /-</u>
2022267569	2022277748	2022270438	<u>A47L 19 /-</u>	2022254599	2021439233 2022252907 2022253717 2022254143 2022255504 2022262088 2022269610
<u>A01N 31 /-</u>	<u>A23J 3 /-</u>	<u>A46B 15 /-</u>	2022270438	<u>A61G 7 /-</u>	
2022259583 2022267569 2022274152	2021450710 2022277748	2022270438	<u>A47L 5 /-</u>	2022254599	
<u>A01N 37 /-</u>	<u>A23K 10 /-</u>	<u>A46B 17 /-</u>	2022255721	<u>A61K 31 /-</u>	
2022253717 2022295152	2022253717 2022295152	2022270438	<u>A47L 7 /-</u>	2021445637 2022253242 2022254088 2022254722 2022255940	<u>A61K 36 /-</u>
2022267569	<u>A23K 20 /-</u>	<u>A46B 5 /-</u>	2022255721		2021445686 2022262255
<u>A01N 43 /-</u>	2022253717 2022295152	2022270438			
2021445637					

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<u>A61K 38 /-</u>	2022270607 2022272620 2022253266 2022253717 2022253776 2022254143 2022257375 2022258327 2022260281 2022269316 2022269610 2022270499 2022270607 2022271241 2022280952	<u>A61M 39 /-</u>	2022275835	<u>A61P 3 /-</u>	2022280050 2022280872 2022283265 2022283266	<u>B01D 29 /-</u>	2022277601
<u>A61K 39 /-</u>	2021439559 2022258658 2022262255 2022267900 2022268877 2022280050 2022280872 2022281289 2022283265 2022283266 2022293857 2022295966 2022326295	<u>A61M 5 /-</u>	2022270381 2022285937 2022291108 2022291836	<u>A61P 31 /-</u>	2022268877	<u>B01D 3 /-</u>	2022283514
<u>A61K 41 /-</u>	<u>A61K 49 /-</u>	<u>A61M 5 /-</u>	<u>A61N 5 /-</u>	<u>A61P 35 /-</u>	<u>A61Q 11 /-</u>	<u>B01D 35 /-</u>	2022255593
2022264438	2022273867	2022262723	2022262255	2022253242 2022253266 2022254143 2022254784 2022255573 2022256612 2022257621 2022260281 2022263376 2022265064 2022267613 2022269053 2022269066 2022269073 2022270499 2022272190 2022273063 2022277493 2022279173 2022286613 2022290851 2022304662	<u>A61Q 17 /-</u>	<u>B01D 39 /-</u>	2022277601
<u>A61K 45 /-</u>	<u>A61K 51 /-</u>	<u>A61P 1 /-</u>	<u>A61P 11 /-</u>	<u>A61P 37 /-</u>	<u>A61Q 19 /-</u>	<u>B01D 53 /-</u>	2021441253 2022260582 2022270215 2022273109 2022279159 2022290085
2022270607 2022274306	2022258759 2022264032 2022286613	2021439233 2022254784 2022277617 2022285893	2022262255	2022252907 2022253266 2022254143 2022254784 2022255068 2022255068 2022255068 2022277984	<u>A61Q 5 /-</u>	<u>B01D 61 /-</u>	2022253865
<u>A61K 47 /-</u>	<u>A61K 8 /-</u>	<u>A61P 15 /-</u>	<u>A61P 13 /-</u>	<u>A62B 9 /-</u>	<u>A61Q 7 /-</u>	<u>B01D 63 /-</u>	2022253865 2022273827
2022258386 2022259641 2022264032 2022264844 2022267613 2022269007 2022269053 2022271274 2022271790 2022273063 2022281466 2022281946	<u>A61K 9 /-</u>	<u>A61P 17 /-</u>	<u>A61P 17 /-</u>	2021443106	<u>A62B 18 /-</u>	<u>B01D 65 /-</u>	2022285881
<u>A61K 48 /-</u>	<u>A61K 9 /-</u>	<u>A61P 19 /-</u>	<u>A61P 17 /-</u>	<u>A62C 2 /-</u>	<u>A62B 18 /-</u>	<u>B01D 69 /-</u>	2022290085
2022257004 2022261125 2022269610	2022258386 2022259641 2022264036 2022264844 2022265392 2022267356 2022267900 2022269054 2022271790 2022273065 2022274306 2022277617 2022281320 2022281466 2022281946	2022258386 2022270088	2022252984 2022262255 2022267900 2022269054 2022274306	2022306204	<u>A62C 35 /-</u>	<u>B01D 9 /-</u>	2022272134
	<u>A61K 15 /-</u>	<u>A61P 21 /-</u>	<u>A61P 19 /-</u>	<u>A62C 37 /-</u>	<u>A62C 35 /-</u>	<u>B01F 23 /-</u>	2021445458 2022290913
	<u>A61M 15 /-</u>	2022283262	<u>A61P 25 /-</u>	<u>A62D 3 /-</u>	<u>A62C 37 /-</u>	<u>B01F 25 /-</u>	2021445458 2022272134
	2021443106 2022305651	<u>A61P 25 /-</u>	2022263631 2022267160 2022267240 2022269316 2022270411 2022271304 2022275785 2022281946	2022277984	<u>A62D 5 /-</u>	<u>B01F 35 /-</u>	2021445458 2022272134
	<u>A61M 25 /-</u>	<u>A61P 27 /-</u>	<u>A61P 39 /-</u>	<u>A62D 5 /-</u>	<u>A63B 63 /-</u>	<u>B01J 12 /-</u>	2022283546
	2022266743 2022268934 2022275835 2022279287	2022264036 2022265392 2022269610	2022254745	<u>A63B 67 /-</u>	<u>A63B 63 /-</u>	<u>B01J 16 /-</u>	2022264944
	<u>A61M 27 /-</u>	<u>A61P 29 /-</u>	<u>A61P 43 /-</u>	<u>A63F 13 /-</u>	<u>A63B 67 /-</u>	<u>B01J 19 /-</u>	2022255593 2022264944 2022279566 2022283514
	2022266743	2022254784 2022267160 2022274306	2022254745 2022267160 2022270499	<u>B01D 11 /-</u>	<u>A63B 67 /-</u>		
	<u>A61M 29 /-</u>		<u>A61P 7 /-</u>	<u>B01D 15 /-</u>	<u>A63F 13 /-</u>		
	2021443106		2022254784 2022270499	2022271919	<u>A63F 13 /-</u>		
			<u>A61P 9 /-</u>	<u>B01D 21 /-</u>			
			2021439233				

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B01J 20 /-	B29C 65 /-	2022287914	C04B 20 /-	C07C 59 /-	C07D 295 /-
2021441253	2022253865	B65G 1 /-	2022260555	2021445637	2022271304
2022260582	2022275109	2022255864	2022311442	C07D 205 /-	C07D 307 /-
2022277984	B29D 11 /-	B65G 23 /-	C04B 28 /-	2022271304	2022287990
B01J 4 /-	2022270349	2022272172	2022260555	C07D 209 /-	2022290589
2022254709	2022273821	B66B 1 /-	2022260582	C07D 311 /-	
B01J 8 /-	B33Y 80 /-	2021450918	C05C 9 /-	2022270984	2022259583
2022284299	2022271196	B66C 13 /-	2022253235	2022281358	
2022286649	B60B 19 /-	2022258326	C05D 9 /-	C07D 213 /-	C07D 401 /-
B01L 3 /-	2022270949	B67B 7 /-	2022253235	2022263631	2022253242
2022256669	B60P 7 /-	2022273775	C05F 17 /-	2022271304	2022256612
2022258444	2022269403	B67D 1 /-	2022259583	C07D 215 /-	2022258575
2022282192	B61F 5 /-	2022270381	C05G 5 /-	2022265064	2022263631
B04C 5 /-	2022317776	2022272209	2022253235	C07D 217 /-	2022265064
2022259868	B62D 55 /-	B67D 7 /-	C07B 53 /-	2022269054	2022269066
B05B 1 /-	2022272172	2022254709	2022254088	C07D 231 /-	2022270347
2022254709	2022326745	B82Y 15 /-	C07B 59 /-	2022258575	2022270411
2022286149	B64C 29 /-	2022258444	2022286613	C07D 233 /-	2022290851
B05B 11 /-	2022267733	B82Y 5 /-	C07C 1 /-	2022255073	2022307943
2022305651	B64C 39 /-	2022258444	2021446056	2022256612	2022263631
B05B 12 /-	2022266999	2022267356	2022282846	2022287990	2022265064
2021439481	2022267733	C01B 3 /-	C07C 229 /-	2022290589	2022267160
B05B 15 /-	2022267748	2022268421	C07C 235 /-	C07D 237 /-	2022270411
2022305651	2022269668	C01B 32 /-	2022269054	2022271290	2022283200
B05B 9 /-	B64D 1 /-	2022268421	C07C 243 /-	2022271304	2022290851
2022254709	2022266999	C01B 5 /-	C07C 249 /-	C07D 239 /-	2022307943
2022270381	B64D 27 /-	2022268421	2022271304	2022268726	C07D 405 /-
B05D 1 /-	2022267748	C01G 53 /-	C07C 255 /-	2022271304	2022255073
2022270349	B64D 45 /-	2022269415	2022271304	2022290851	2022256612
B08B 1 /-	2022255563	C02F 1 /-	C07C 257 /-	C07D 241 /-	2022265064
2021445961	B64D 47 /-	2022255593	2022273867	2022267160	2022267160
B08B 17 /-	2022269668	2022270157	C07C 259 /-	2022267160	2022307943
2022255593	2022270157	2022281134	2022283546	C07D 253 /-	C07D 413 /-
B08B 3 /-	B64F 5 /-	C02F 3 /-	C07C 31 /-	2022267160	2022256612
2021445961	2022255563	2022281134	2022283546	C07D 255 /-	2022267160
2022255593	2022266999	C04B 103 /-	2021445686	2022273867	2022307943
B25D 17 /-	2022266999	2022254088	C07C 37 /-	C07D 257 /-	C07D 417 /-
2022274536	2022266999	2022268877	2022283546	2022273867	2022256612
B29C 35 /-	B65B 43 /-	2022260582	C07C 45 /-	C07D 261 /-	2022263631
2022281433	2022265701	2022311442	2022285893	2022271304	2022264036
B29C 39 /-	B65D 71 /-	2022268877	C07C 49 /-	2022271304	2022265064
2022281433	2022269403	2022268877	2022285893	C07D 281 /-	2022267160
				2022285893	2022270411
				C07D 285 /-	C07D 417 /-
				2022285893	2022256612
				C07D 471 /-	2022270411
					2022257621

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2022263631				2022274152	C23F 13 /-
2022269066	C07K 14 /-	C08J 7 /-	C10L 5 /-	2022283262	
2022270411				2022290382	2022270948
2022277493	2022252931	2021439559	2022268632		
	2022253266		2022270111	C12P 13 /-	C25B 1 /-
C07D 487 /-	2022253567	C08J 9 /-			
	2022253999		C12M 1 /-	2022253999	2021446056
2022256612	2022254143	2022266743			2022254780
2022257621	2022254851		2022278601	C12P 21 /-	2022278601
2022265064	2022254857	C08K 3 /-	2022349541		2022280400
2022270411	2022255504			2022269007	2022281134
	2022255573	2022285451	C12N 1 /-		
C07D 491 /-	2022258759			C12P 3 /-	C25B 11 /-
	2022261125	C08L 71 /-	2021439233		
2021445637	2022268912		2022257766	2022274845	2022281134
2022263631	2022272659	2022256704	2022267320		
2022269066	2022273065	C09D 183 /-	2022274845	C12P 5 /-	C25B 3 /-
2022269073	2022282208				
2022270411		2022285451	C12N 15 /-	2022278601	2022281134
	C07K 16 /-				
C07D 495 /-		C09D 4 /-	2022252907	C12P 7 /-	C25B 9 /-
	2022252931		2022253999		
2022265064	2022252984	2022285451	2022254143	2022257766	2022280400
	2022253266		2022254851	2022274152	2022281134
C07D 498 /-	2022253269	C09D 5 /-	2022255175	2022281134	
	2022254745		2022257004		D01F 1 /-
2022263631	2022254784	2022275098	2022257301	C12Q 1 /-	
2022270411	2022254960	2022285451	2022261125		2022273103
2022272190	2022255573		2022263683	2021205853	
	2022258759	C09D 7 /-	2022264032	2022252984	D01F 9 /-
C07D 515 /-	2022259658		2022264921	2022255198	
	2022263376	2022275098	2022267320	2022258444	2022273103
2022307943	2022267613	2022285451	2022267356	2022269663	
	2022268912		2022270607	2022277600	D06F 39 /-
C07D 519 /-	2022269007	C09J 11 /-	2022271241	2022278434	
	2022269828		2022271741	2022284770	2022270381
2022257621	2022271741	2022275109	2022272620		
	2022274306	C09J 171 /-	2022273065	C12R 1 /-	D06M 101 /-
C07F 11 /-	2022279173		2022273530		
	2022304662	2022256704	2022274152	2021439233	2022273103
2022280400			2022274239	2022253999	D06M 11 /-
	C07K 17 /-	C09J 4 /-	2022275785		
C07F 13 /-			2022279173	C21B 13 /-	2022277984
2022286613	2022271741	2022275109	2022280051		
		C09J 5 /-	2022280088	2021445963	D06M 15 /-
C07F 15 /-	C07K 19 /-		2022280952	2021446056	
		2022282192	2022282208	2022282846	2022273103
2022280400	2022253266		2022290382	C21B 7 /-	D06M 23 /-
	2022254143	C09J 7 /-			
C07F 9 /-			C12N 5 /-	2021444332	2022277984
	C07K 5 /-	2022275109			
2022281320			2022252907	C22B 23 /-	D06P 1 /-
	2022275011	C10B 5 /-	2022254143		
C07H 19 /-			2022255504	2022271919	2022273103
	C07K 7 /-	2022270111	2022256245		
2022268749			2022272620	C22B 3 /-	D21H 11 /-
	2022270499	C10J 3 /-	2022280051		
C07H 21 /-			2022349541	2021271400	2022326295
	C08B 1 /-	2022263171		2022271919	
2022270607		2022268421	C12N 7 /-		E02F 3 /-
2022272620	2022326295	2022268632		C22B 5 /-	
			2022283262		2022271260
C07J 41 /-	C08F 222 /-	C10K 3 /-		2022271919	2022274536
			C12N 9 /-		
2022269053	2022275109	2022268421		C22B 60 /-	E02F 5 /-
			2022253776		
C07J 9 /-	C08G 77 /-	C10L 1 /-	2022254851	2021271400	2022271260
			2022257004		
2022269053	2022285451	2022257766	2022258759	C22B 7 /-	E02F 7 /-
			2022261125		
C07K 1 /-	C08J 5 /-	C10L 3 /-	2022264921	2022271919	2022271260
			2022267320		
2022270499	2022275109	2022279159	2022269007		
2022271741	2022282192				

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<u>E03F 5 /-</u>	<u>E21B 17 /-</u>	<u>F04B 7 /-</u>	2022270949	2022257607	<u>G01R 1 /-</u>
2022285132	2022263818 2022279727	2022254709	<u>F16L 59 /-</u>	2022258189 2022272446	2022388905
<u>E04B 1 /-</u>	<u>E21B 29 /-</u>	<u>F04C 5 /-</u>	2022294424	<u>F27D 3 /-</u>	<u>G01R 19 /-</u>
2022271349 2022294424 2022306204	2022274818	2022270381	<u>F16M 11 /-</u>	2021444332	2021443080 2022431598
<u>E04H 1 /-</u>	<u>E21B 31 /-</u>	<u>F04D 25 /-</u>	2022270157	<u>F28C 1 /-</u>	<u>G01R 31 /-</u>
2022271349	2022274818	2022265077	<u>F17C 3 /-</u>	2022283514	2022272727 2022431598
<u>E04H 4 /-</u>	<u>E21B 33 /-</u>	<u>F04D 27 /-</u>	2022269650	<u>F28F 25 /-</u>	
2022259682	2022274818	2022265077	<u>F17C 5 /-</u>	2022283514	<u>G01S 3 /-</u>
<u>E04H 9 /-</u>	<u>E21B 34 /-</u>	<u>F04D 29 /-</u>	2022257322	<u>F41G 3 /-</u>	2022260409
2022271349	2021450553	2022306138	<u>F23N 3 /-</u>	2022260409	<u>G01S 5 /-</u>
<u>E05B 13 /-</u>	<u>E21B 37 /-</u>	<u>F04F 5 /-</u>	2022286539	<u>F41J 5 /-</u>	2022260409
2022271351	2022274818	2022267265	<u>F23R 3 /-</u>	2022260409	<u>G01V 1 /-</u>
<u>E05B 15 /-</u>	<u>E21B 43 /-</u>	2022273489	<u>F24C 15 /-</u>	2022270949	<u>G02B 1 /-</u>
2022271351	2021450553	<u>F15D 1 /-</u>	2022271562	<u>G01B 7 /-</u>	2022260136
<u>E05B 3 /-</u>	<u>E21B 49 /-</u>	2022267265	<u>F24F 1 /-</u>	2022270949	<u>G02B 21 /-</u>
2022271351	2022273109 2022279727	<u>F16B 2 /-</u>	2021450239	<u>G01D 5 /-</u>	2022270925
<u>E05B 45 /-</u>	<u>E21B 7 /-</u>	2022270758	<u>F24F 11 /-</u>	2022270381 2022270949	<u>G02B 5 /-</u>
2022280071	2022279727	<u>F16B 5 /-</u>	2021450239 2022270667 2022397584	<u>G01N 1 /-</u>	2022260136
<u>E05B 47 /-</u>	<u>F01D 15 /-</u>	2022272172	<u>F24F 110 /-</u>	2022268583 2022281533	<u>G02C 7 /-</u>
2022271351 2022280071	2022265077	<u>F16G 11 /-</u>	2022270667 2022397584	<u>G01N 15 /-</u>	2022260136 2022270349 2022273821 2022281433
<u>E05B 49 /-</u>	<u>F02B 31 /-</u>	2022276471	<u>F24F 13 /-</u>	2022268583 2022270925	<u>G03B 17 /-</u>
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B29C 48/00 (2019.01)
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D01D 1/00 (2006.01)
D01F 1/00 (2006.01)
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A61K 38/05 (2006.01)
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B01D 61/36 (2006.01)
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B01D 69/00 (2006.01)
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B60W 10/00 (2006.01)
B60W 10/02 (2006.01)
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B60W 10/113 (2012.01)
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G01N 15/06 (2006.01)
G01N 15/10 (2006.01)
G01N 21/05 (2006.01)
G01N 21/31 (2006.01)
G01N 21/53 (2006.01)
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C25B 1/04 (2021.01)
B01D 53/14 (2006.01)
C01B 3/02 (2006.01)
C01B 3/06 (2006.01)
C01B 3/48 (2006.01)
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A61B 5/103 (2006.01)
A61B 5/107 (2006.01)
A61B 5/11 (2006.01)
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G02F 1/1339 (2006.01)
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B65G 1/137 (2006.01)
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A61P 35/00 (2006.01)
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A61P 43/00 (2006.01)
C07H 21/02 (2006.01)
C07K 16/00 (2006.01)
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F16L 13/08 (2006.01)
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 C07D 413/12 (2006.01)
 A61K 31/343 (2006.01)
 A61K 31/351 (2006.01)
 A61K 31/357 (2006.01)
 A61K 31/422 (2006.01)
 A61K 31/4433 (2006.01)
 A61P 25/00 (2006.01)
 A61P 27/02 (2006.01)
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F17C 5/06 (2006.01)
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G06Q 50/06 (2012.01)
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C07D 239/42 (2006.01)
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A61K 31/5377 (2006.01)
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B01F 23/23 (2022.01)
B01F 25/30 (2022.01)
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F04F 5/46 (2006.01)
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A61K 47/18 (2017.01)
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A61K 47/32 (2006.01)
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B01J 13/02 (2006.01)
C08L 53/00 (2006.01)
G01N 33/84 (2006.01)
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F27B 5/04 (2006.01)
C22B 9/00 (2006.01)
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 B41F 15/08 (2006.01)
 B41F 15/16 (2006.01)
 B41F 15/18 (2006.01)
 H05K 3/12 (2006.01)
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C08K 3/105 (2018.01)
C08K 3/16 (2006.01)
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 A61F 13/534 (2006.01)
 A61F 13/472 (2006.01)
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D03D 13/00 (2006.01)
D21F 1/00 (2006.01)
D21F 5/18 (2006.01)
D21F 7/08 (2006.01)
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B62K 21/10 (2006.01)
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B66C 6/00 (2006.01)
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E01D 2/00 (2006.01)
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E04C 3/04 (2006.01)
E04G 11/54 (2006.01)
F16S 3/00 (2006.01)
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F04D 7/04 (2006.01)
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C07C 235/82 (2006.01)
A61K 31/166 (2006.01)
A61P 9/00 (2006.01)
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 therefor
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 H04N 19/70 (2014.01)
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 A47L 9/28 (2006.01)
 B25J 9/16 (2006.01)
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 F16L 59/065 (2006.01)
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 AND ONLINE SYSTEM INCLUDING
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C07D 401/14 (2006.01)
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B31B 50/00 (2017.01)
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B31B 50/74 (2017.01)
B65D 5/00 (2006.01)
B65D 5/20 (2006.01)
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B65D 77/20 (2006.01)
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B33Y 70/00 (2020.01)
C08G 18/32 (2006.01)
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C08G 18/50 (2006.01)
C08G 18/75 (2006.01)
C08G 18/79 (2006.01)
C08K 3/36 (2006.01)
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G10L 21/0364 (2013.01)
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H04L 5/00 (2006.01)
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A61F 13/15 (2006.01)
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F16L 37/04 (2006.01)
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G05D 1/02 (2020.01)
A01B 69/04 (2006.01)
A01B 79/00 (2006.01)
A01C 21/00 (2006.01)
A01D 41/127 (2006.01)
A01M 21/04 (2006.01)
G05D 1/00 (2006.01)
G06F 21/30 (2013.01)
G06Q 50/02 (2012.01)
H04W 12/06 (2021.01)
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G06T 7/70 (2017.01)
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C10L 1/16 (2006.01)
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C05G 1/00 (2006.01)
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A61P 25/20 (2006.01)
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G06F 1/16 (2006.01)
G06F 3/041 (2006.01)
G06F 3/14 (2006.01)
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 AL, SYSTEM INCLUDING SAME, AND
 METHOD OF CHANGING DESIGN OF
 SMART GARMENT
(51) Int. Cl.
G06Q 50/04 (2012.01)
G06Q 30/06 (2012.01)
H04N 5/44 (2011.01)
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H04N 23/10 (2023.01)
H04N 23/611 (2023.01)
H04N 23/62 (2023.01)
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H04N 23/667 (2023.01)
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B29B 17/04 (2006.01)
B02C 13/00 (2006.01)
B02C 23/12 (2006.01)
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C04B 18/04 (2006.01)
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 drostan-17-ketone and hydrates, deriv-
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A61K 31/56 (2006.01)
A61P 5/44 (2006.01)
C07J 43/00 (2006.01)
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C07K 16/30 (2006.01)
G01N 33/574 (2006.01)
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C12Q 1/68 (2018.01)
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C12Q 1/68 (2018.01)
G16B 20/00 (2019.01)
G16B 30/00 (2019.01)
G16B 40/00 (2019.01)
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A61M 5/172 (2006.01)
A61M 5/142 (2006.01)

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C07D 403/12 (2006.01)
A61K 31/53 (2006.01)
A61P 1/16 (2006.01)
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G06F 3/01 (2006.01)
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B60G 13/00 (2006.01)
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C07D 413/14 (2006.01)
A61K 31/497 (2006.01)
A61P 11/00 (2006.01)
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H04W 4/06 (2009.01)
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G06Q 50/16 (2012.01)
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A61B 17/22 (2006.01)
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(11) AU-B-2021356875
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(54) HETEROCYCLIC SUBSTITUTED FUSED γ -CARBOLINE DERIVATIVE, PREPARATION METHOD THEREFOR, INTERMEDIATE THEREOF AND USE THEREOF
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C07D 471/16 (2006.01)
A61K 31/4985 (2006.01)
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B29C 41/14 (2006.01)

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E04D 13/064 (2006.01)
E04H 1/12 (2006.01)
E06B 3/46 (2006.01)
E06B 9/52 (2006.01)
F21S 9/03 (2006.01)
F24F 7/00 (2021.01)
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2016343987	Alector LLC	2018239845	Astrego Diagnostics AB
2016353153	Seagen Inc.	2018241063	Limco Group Pty Ltd
2016354590	PDS Biotechnology Corporation	2018243878	Transverse Medical, Inc.
2016423814	Desert King Chile S.A.	2018247572	ASSA ABLOY Australia Pty Limited
2017218981	The Boeing Company	2018247765	F. Hoffmann-La Roche AG
2017225907	Macquarie University	2018248576	Akzo Nobel Coatings International B.V.
2017250815	H. Lundbeck A/S.	2018248699	Fresh Check Ltd.
2017261598	Joy Global Surface Mining Inc	2018248786	Umicore
2017270234	université Paris Cité; Université Paris-Sud; INSERM (Institut National de la Santé et de la Recherche Médicale); Assistance Publique-Hôpitaux de Paris (APHP)	2018249366	Becton, Dickinson and Company
2017271665	Transcriptx, Inc.	2018253384	Societe Des Produits Nestle S.A.
2017272804	MedImmune Limited	2018253537	TNBT HOLDINGS PTY LTD
2017278305	Wisconsin Alumni Research Foundation	2018253852	Port-Safety Aps
2017279632	Boyd, N.	2018255504	Inspiring Pty Ltd
2017300534	Exact Sciences Corporation	2018255505	Inspiring Pty Ltd
2017319507	The Children's Hospital of Philadelphia	2018256514	INDUSTRIAS REUNIDAS COLOMBO LTDA.
2017320470	Nuseed Global Innovation Ltd	2018260545	Marengo Therapeutics, Inc.
2017325108	Trisco ICAP Pty Ltd	2018262696	Ares Trading S.A.
2017325595	Christie & Christie Pty Ltd	2018264138	ALSTOM Transport Technologies
2017333595	Segnut Pty Ltd	2018265236	Survitec Group Limited
2017336160	Mars, Incorporated	2018265761	CCL Secure Pty Ltd
2017336340	Rijk Zwaan Zaadteelt en Zaadhandel B.V.	2018266741	Synhelion SA
2017343921	Hustler Equipment Limited	2018269036	Hach Company
2017356214	Sagimet Biosciences Inc.	2018270785	Auris Health, Inc.
2017360346	Eirion Therapeutics, Inc.	2018271140	Iamadillo Pty Ltd
2017360910	Opiant Pharmaceuticals, Inc.; Aegis Therapeutics, LLC	2018274696	E-Chem Technologies Ltd
2017361365	Hosokawa Yoko Co., Ltd.	2018282077	Amgen Inc.
2017363689	Sumitomo Pharma Co., Ltd.; Riken	2018283965	Kutas, J.
2017366739	University of Southern California	2018286313	Mitsubishi Chemical Corporation
2017367084	University of Miami; Rxmp Therapeutics, LLC	2018286880	Euroteknika
2017370956	Indena S.p.A.	2018287199	Faiveley Transport Amiens
2017375883	Société des Produits Nestlé S.A.	2018289514	The Regents of the University of California; Vanderbilt University
2017376874	Dolenco Group ApS	2018290983	Amgen Inc.; Cytokinetics, Inc.
2017378092	Idorsia Pharmaceuticals Ltd	2018292504	Coravin, Inc.
2017382522	PepsiCo, Inc.	2018293033	Societe des Produits Nestle S.A.
2017383538	WAMGROUP S.p.A.	2018293398	TDeltaS Limited
2017387014	UPWING ENERGY, INC.	2018293907	Breville Pty Limited
2017412631	Telluris Biotech India Private Limited	2018295907	B.R.H. Medical Ltd.
2017429564	Home Control Singapore Pte Ltd	2018296142	Liebherr-Werk Biberach GmbH
2017434056	Kimberly-Clark Worldwide, Inc.	2018299795	Leprino Foods Company
2017442761	Raytheon Canada Ltd.	2018299967	Trace Orthopedics, LLC
2018202995	The Boeing Company	2018301777	Caterpillar Inc.
2018203490	The Boeing Company	2018303360	New Finance Services Inc.
2018204749	Otis Elevator Company	2018304141	Becton, Dickinson and Company
2018204823	The Boeing Company	2018304604	SABIC Global Technologies B.V.
2018205159	The Boeing Company	2018305811	Haldor Topsøe A/S
2018210896	GreenPhyto Pte. Ltd.	2018307480	Intra-Cellular Therapies, Inc.
2018211234	RES, G.	2018308368	Ecolab USA Inc.
2018212308	Ryan Francis Limited	2018310551	KSB SE & Co. KGAA
2018213969	The Boeing Company	2018311660	Becton, Dickinson and Company
2018216895	Consensus Orthopedics, Inc.	2018316229	GCP Applied Technologies Inc.
2018218200	Noxsano Inc.	2018317937	Fastbrick IP Pty Ltd
2018219673	BP p.l.c.	2018318480	Yuyama MFG. Co., Ltd.
2018220845	Applied Medical Resources Corporation	2018319070	Bayerische Motoren Werke Aktiengesellschaft
2018222746	Apalta Patents OÜ	2018319367	BAE Systems plc
2018223985	Zambon S.p.A.	2018319717	Sandvik Intellectual Property AB
2018226231	Fresenius Medical Care Deutschland GmbH	2018321135	Sprint Bioscience AB
2018226771	The General Hospital Corporation; Dana-Farber Cancer Institute, Inc.	2018322317	Mallinckrodt Pharmaceuticals Ireland Limited
2018226788	Eye-Pcr B.V.	2018328124	ShelterZoom Corp.
2018228495	Rich Technologies Holding Company, LLC	2018328754	Commonwealth Scientific and Industrial Organisation
2018229750	Actelion Pharmaceuticals Ltd	2018329970	Tritana Intellectual Property Ltd.
2018233589	Altria Client Services LLC	2018331271	The Clorox Company
2018236851	United Arab Emirates University	2018332246	Konecranes Global Corporation
		2018333099	ETH Zurich
		2018333569	Suez International
		2018334212	Aladdin Manufacturing Corporation

Applications Accepted - Numerical Index cont'd

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2018335768	Henkel AG & Co. KGaA	2019265221	Trans Tank International Pty Ltd
2018337624	McElroy Manufacturing, Inc.	2019269409	Foresee Pharmaceuticals USA, Inc.
2018339567	Kimberly-Clark Worldwide, Inc.	2019269740	Anteris Technologies Corporation
2018343896	Toray Industries, Inc.	2019272434	Microsoft Technology Licensing, LLC
2018344162	Reflex Instruments Asia Pacific Pty Ltd	2019286648	Gen-Probe Incorporated
2018344508	Katholieke Universiteit Leuven	2019286882	Mitsubishi Gas Chemical Company, Inc.
2018346251	Taylor Commercial Foodservice, LLC.	2019297054	Silony Medical International AG
2018346412	Mayo Foundation for Medical Education and Research	2019299339	Leidos, Inc.
2018348031	Stepan Company	2019302610	Chia Tai Tianqing Pharmaceutical Group Co., Ltd.
2018348840	Build Care Oy	2019311207	Hubergroup Deutschland GmbH
2018350975	Invitae Corporation	2019316258	University of North Texas; InspectIR Systems, LLC
2018353104	Noble Drilling A/S	2019326548	Auris Health, Inc.
2018353122	Epizyme, Inc.	2019327425	Novel Microdevices, LLC (DBA Novel Devices)
2018354129	Notarize, Inc.	2019333292	Interface, Inc.
2018356385	F. Hoffmann-La Roche AG	2019337051	Daiichi Sankyo Company, Limited
2018358053	Simpson Strong-Tie Company, Inc.	2019357933	1Globe Biomedical Co., Ltd.
2018359413	University of Miami	2019363542	Lazer Safe Pty Ltd
2018363682	Intervet International B.V.	2019369516	Allen Institute
2018363686	Intervet International B.V.	2019370644	E-Circuit Motors, Inc.
2018365296	Institut Pasteur; Universidad El Bosque	2019372642	China Agricultural University
2018369417	MAKO Surgical Corp.	2019382515	Immunwork Inc.
2018370004	Eriez Manufacturing Co.	2019383423	Mayo Foundation for Medical Education and Research
2018375154	Alarm.com Incorporated	2019384492	MSA Technology, LLC
2018377063	GroundProbe Pty Ltd	2019384564	ICU Medical, Inc.
2018378615	Jones, J.	2019384619	Humboldt B.V.
2018379529	Inficon GmbH	2019390669	Koninklijke Nederlandse Akademie van Wetenschappen
2018380902	Laerdal Medical AS	2019397944	Huawei Technologies Co., Ltd.
2018382528	SABIDOS B.V.	2019398214	Q32 Bio Inc.
2018382999	Bayer Animal Health GmbH	2019401811	Huawei Technologies Co., Ltd.
2018386296	Magic Leap, Inc.	2019413682	Endogena Therapeutics, Inc.
2018387417	BicycleTx Limited	2019417735	Crystal Lagoons Technologies, Inc.
2018388869	Dow Global Technologies LLC	2019419322	Huawei Technologies Co., Ltd.
2018390995	SpeeDx Pty Ltd	2019431382	Bullfrog International, LC
2018393990	Brunnshög Energi AB	2019441241	CardioPharma, Inc.
2018395285	TOMI Environmental Solutions, Inc.	2019444087	Jinan Rail Transit Group Co., Ltd.
2018399088	Hilti Aktiengesellschaft	2019461859	Hanshow Technology Co., Ltd.
2018400304	Liu., Q.	2019479043	Hill's Pet Nutrition, Inc.
2018401519	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	2020202970	Alnylam Pharmaceuticals, Inc.; ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI
2018402344	Gripple Limited	2020206492	Huawei Technologies Co., Ltd.
2018428043	Halliburton Energy Services, Inc.	2020217402	Sage Therapeutics, Inc.
2018454681	Transitions Optical, Ltd.	2020231134	Metso Outotec Finland Oy
2018455892	Halliburton Energy Services, Inc.	2020232135	Huawei Technologies Co., Ltd.
2019201770	Littelfuse, Inc.	2020233003	Huawei Technologies Co., Ltd.
2019203796	PACCAR Inc	2020234831	Huawei Technologies Co., Ltd.
2019204570	Northrop Grumman Systems Corporation	2020239636	GDH Mining and Maintenance Pty Ltd
2019206533	Sharp Kabushiki Kaisha; FG Innovation Company Limited	2020245943	Tokuyama Dental Corporation
2019209214	Faes Farma, S.A.	2020247428	ENEOS Corporation
2019209960	Sunshine Lake Pharma Co., Ltd.	2020248612	Alteogen Inc.
2019210326	ARRIS Enterprises LLC	2020255063	Shanghai Ao Qi Medical Technology Co., Ltd.
2019212304	ULEMCo Limited	2020256986	Yunjing Intelligence Technology (Dongguan) Co., Ltd.
2019214081	Sichuan Inlu Weite Pharmaceutical Technology Co., Ltd.	2020257519	Exentis Knowledge GmbH
2019217488	Aquis Wasser-Luft-Systeme GmbH, Lindau, Zweigniederlassung Rebstein	2020259973	Exentis Knowledge GmbH
2019217489	Merck Patent GmbH	2020260255	NordicCan A/S
2019222274	Asahi Soft Drinks Co., Ltd.; Asahi Group Holdings, Ltd.	2020266444	Baker Hughes Oilfield Operations LLC
2019224639	Samsung Electronics Co., Ltd.	2020267164	Arepa IP Limited
2019229859	Qualcomm Incorporated	2020267758	Malcolm, T.
2019231196	Mobileye Vision Technologies Ltd.	2020270993	Edwards Lifesciences Corporation
2019234203	Atlas Pacific Engineering Company	2020276701	Novartis AG
2019234670	Takeda Pharmaceutical Company Limited	2020283364	Asahi Kasei Kabushiki Kaisha
2019235250	Norsk Hydro ASA	2020284400	UVEX SAFETY Gloves GmbH & Co. KG
2019236279	PureCircle USA Inc.	2020288046	LG Electronics Inc.
2019239842	Qualcomm Incorporated	2020290306	LG Electronics Inc.
2019243987	BP Corporation North America Inc.	2020290584	The Procter & Gamble Company
2019247904	Institute of Organic Chemistry and Biochemistry ASCR, v.v.i.	2020298073	Apex Brands, Inc.
2019250231	BIOCONSORTIA, INC.	2020299538	Derrick Corporation
2019260343	Furtune AS	2020308642	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.
		2020315498	Hagepe International B.V.; Cenergist Limited
		2020317072	Medacta International SA

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2020318106	Huawei Technologies Co., Ltd.	2020481952	ESSITY HYGIENE AND HEALTH AKTIEBOLAG
2020321555	LG Electronics Inc.	2021202899	ViaCyte, Inc.
2020322690	Daikin Industries, Ltd.	2021203084	Sun Pharmaceutical Industries Australia Pty Limited
2020322990	Shanghai Yuyao Biotech Ltd.	2021203877	Illumina, Inc.
2020324446	LivePerson, Inc.	2021204169	Calder Biosciences Inc.
2020326325	Urgo Recherche Innovation et Developpement; Universite de Pau et des Pays de l'Adour; Centre National de la Recherche Scientifique - CNRS -	2021204329	Seegene, Inc.
2020327947	Intercontinental Great Brands LLC	2021204706	Epizyme, Inc.; Eisai R&D Management Co., Ltd.
2020328503	Ultradent Products, Inc.	2021207714	The Procter & Gamble Company
2020331330	BiSiChem Co., Ltd.	2021207726	International Business Machines Corporation
2020333152	Fraunhofer-Gesellschaft Zur Förderung Der Angewandten Forschung E.V.	2021208295	Packable B.V.
2020333348	Green Cross Genome Corporation	2021208613	Dermeco Oy
2020338971	Novartis AG	2021211977	Urigen N.A.
2020340241	Simply Paws Design, LLC	2021212008	FMC CORPORATION
2020341540	Boston Scientific Scimed Inc.	2021212154	Longyear TM, Inc.
2020342033	LG Electronics Inc.	2021212559	Aimed Bio Inc.
2020343996	Capital One Services, LLC	2021214394	Paragon 28, Inc.
2020347095	American Sterilizer Company	2021217182	Bühler AG
2020357330	CG Bio Co., Ltd.; Seoul National University Hospital	2021221379	onCOUR Pharma, Inc.
2020357804	Pulse Biosciences, Inc.	2021221455	Vita Inclinata IP Holdings LLC
2020361848	NUProtein Co., Ltd.	2021223210	Well Cleanup AS
2020362530	LG Electronics Inc.	2021223401	ETH Zurich
2020362824	HighChem Co., Ltd	2021224058	International Business Machines Corporation
2020363882	Pindrop Security, Inc.	2021226961	Baoshan Iron & Steel Co., Ltd.
2020364335	Boston Scientific Scimed, Inc.	2021227739	International Business Machines Corporation
2020366615	International Business Machines Corporation	2021229155	Developing Software LLC
2020367980	Snoozi GmbH	2021229177	TWI Biotechnology, Inc.
2020368222	International Business Machines Corporation	2021229230	Face International Corporation
2020369825	International Business Machines Corporation	2021229480	Encore Medical, LP DBA DJO Surgical
2020370820	CMR Surgical Limited	2021232687	Quantum IP Holdings Pty Limited
2020374347	LG Electronics Inc.	2021233125	HORL 1993 GmbH
2020378113	China University of Petroleum (East China)	2021235647	Cartiva, Inc.
2020379285	Medacta International SA	2021237559	ChampionX USA Inc.
2020382999	International Business Machines Corporation	2021240179	Gries, G.
2020385550	DEKRA SE	2021240241	Impossible Foods Inc.
2020385682	International Business Machines Corporation	2021240254	LG Electronics Inc.
2020389138	Liqui-Box Corporation	2021245098	Bristol-Myers Squibb Company
2020389633	Touchstone International Medical Science Co., Ltd.	2021245109	Synthes GmbH
2020390079	Zhejiang Chint Electrics Co.,Ltd.	2021245134	SunPower Corporation
2020392064	International Business Machines Corporation	2021245150	Amgen Inc.
2020392730	Konecranes Global Corporation	2021245220	INCYTE CORPORATION
2020393845	Howmedica Osteonics Corp.	2021245235	FEENEY, L.
2020395508	Eyesense GmbH	2021247761	Nippon Steel Engineering Co., Ltd.
2020396084	Mollick, P.	2021250871	SeralP AG
2020399273	International Business Machines Corporation	2021250881	Retaining Wall Supplies Limited
2020406770	Shandong University	2021250891	Gilead Sciences, Inc.
2020406865	Plastic Energy Limited	2021250931	Deere & Company
2020407504	L'air Liquide Societe, Anonyme Pour l'etude et l'exploitation des Procèdes Georges Claude	2021254626	miDiagnostics NV
2020411056	Vayyar Imaging Ltd.	2021254644	LG ELECTRONICS INC.
2020412588	Boston Scientific Scimed, Inc.	2021254646	AU ENVIRONMENTAL PTY LTD
2020417087	InnoTherapy Inc.	2021258035	Wix.com Ltd.
2020419402	Sirio Pharma Co., Ltd.	2021258092	Duracell U.S. Operations, Inc.
2020422535	International Business Machines Corporation	2021258384	Mercedes-Benz Group AG
2020422732	Foshan Shunde Midea Electrical Heating Appliances Manufacturing Co., Ltd.	2021259316	Sonos, Inc.
2020426056	Howmet Aerospace Inc.	2021261539	Mercedes-Benz Group AG
2020426828	International Business Machines Corporation	2021261873	Protein Dynamic Solutions Inc.
2020427452	Centro Nacional De Investigaciones Cientificas; Empresa Laboratorio Farmacéutico Líquidos Orales Medilip	2021261973	Moricca, S.; Persaud, R.
2020428814	C-BIOMEX Co., Ltd.	2021262517	Norwegian University of Science and Technology (NTNU)
2020434084	Mitsubishi Electric Corporation	2021268103	LTS Lohmann Therapie-Systeme AG
2020436409	Yoshino Gypsum Co., Ltd.	2021268768	Primewan Limited
2020448642	Longi Solar Technology (Taizhou) Co., Ltd.	2021269326	Toonsquare Corp
2020451276	Telefonaktiebolaget LM Ericsson (publ)	2021269419	Angel Group Co., Ltd
2020457289	Mitsubishi Electric Corporation	2021269420	Janssen Pharmaceutica NV
2020462910	NEC Corporation	2021271815	Blackmore Sensors & Analytics, LLC
2020469502	Qingdao CCS Electric Corporation	2021275032	Ab Initio Technology LLC
2020470228	Contemporary Amperex Technology Co., Limited	2021277132	Refocus Group, Inc.
		2021278825	Honeywell International Inc.
		2021283000	Apple Inc.
		2021285843	LivePerson, Inc.
		2021286260	CROWN EQUIPMENT CORPORATION
		2021286408	GRENEX Limited
		2021292219	PPG Industries Ohio, Inc.

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2021296379	Blue Cube Technology (Pty) Ltd	2022212761	COOPERVISION INTERNATIONAL LIMITED
2021306197	Amsted Rail Company, Inc.	2022215252	Acer Incorporated
2021318184	Tau Motors, Inc.	2022215305	Shockwave Medical, Inc.
2021325826	Fermat International, Inc.	2022218563	Institute of Agro-products Processing Science and Technology, Sichuan Academy of Agricultural Sciences
2021329483	Casio Computer Co., Ltd.	2022221545	Chevron U.S.A. Inc.
2021343968	International Business Machines Corporation	2022224091	BOLT-ON IP SOLUTIONS, LLC
2021347112	APPLE INC.	2022228092	Qualcomm Incorporated
2021349770	VMware, Inc.	2022228111	HITACHI RAIL STS SPA
2021354977	NAIR, H.K.	2022228124	Jieh Jia Enterprise Co., Ltd.
2021356875	SHUJING BIOPHARMA CO., LTD; JIANGSU NHWA PHARMACEUTICAL CO., LTD	2022228136	Mitsubishi Electric Corporation
2021375080	MISSION SYSTEMS HOLDINGS PTY LTD.	2022228169	QSIC Pty Ltd
2021392700	CHENGDU EASTON BIOPHARMACEUTICALS CO., LTD.	2022228189	GREENTECH INTERNATIONAL PTY LTD
2021402802	Shandong First Medical University & Shandong Academy of Medical Sciences	2022235520	ForTruss, LLC
2021404855	Volin, D.	2022235571	Vivo Mobile Communication Co.,Ltd.
2021404856	Tongwei Solar (Jintang) Co., Ltd.	2022235609	Apple Inc.
2021418416	THE YOKOHAMA RUBBER CO., LTD.	2022235624	Galapagos NV
2022200073	HONEYWELL INTERNATIONAL INC.	2022239291	RAYTHEON BBN TECHNOLOGIES, CORP.; COLUMBIA UNIVERSITY
2022200076	Signpath Pharma, Inc.	2022241590	Apple Inc.
2022200280	TAM International, Inc.	2022241594	Immunomic Therapeutics, Inc.
2022200405	Illinois Tool Works Inc.	2022241606	MAKO Surgical Corp.
2022200498	Abbott Diabetes Care Inc.	2022242243	IHI CORPORATION
2022200585	Qurasense, Inc.	2022250095	FEDORA PHARMACEUTICALS INC.
2022200969	Microport Orthopedics Holdings Inc.	2022251836	ISI GMBH
2022201229	SHANDONG UNIVERSITY	2022252853	Schock GmbH
2022201242	Allegion (Australia) Pty Ltd	2022256236	CBN ENERGY PTY LTD
2022201445	VERTEX PHARMACEUTICALS INCORPORATED	2022257615	SUPERCRITICAL FLUID TECHNOLOGIES, INC.
2022201463	Samsung Electronics Co., Ltd.	2022258476	LINEAGE LOGISTICS, LLC
2022201566	AST & Science, LLC	2022268354	Raven Industries, Inc.
2022201701	Angel Group Co., Ltd.	2022279500	Provectus IP Pty Ltd
2022201849	SD Chem, Inc.	2022283615	Estetra SRL
2022201893	SAMSUNG ELECTRONICS CO., LTD.	2022283706	Carrosserie HESS AG
2022201916	Goldwave Steel Structure Engineering Limited	2022291506	GE Video Compression, LLC
2022201975	Westinghouse Air Brake Technologies Corporation	2022291656	ZHEJIANG JINKO SOLAR CO., LTD.; JINKO SOLAR CO., LTD.
2022202011	Sirna Therapeutics, Inc.	2022393856	GENEQUANTUM HEALTHCARE (SUZHOU) CO., LTD.
2022202033	R. J. Reynolds Tobacco Company	2023200024	Shanghai Linghuo Trading Co., Ltd.
2022202434	Westinghouse Air Brake Technologies Corporation	2023200989	Tritana Intellectual Property Ltd.
2022202498	I-Sens, Inc.	2023201026	Magic Leap, Inc.
2022202619	Mei, C.	2023201195	Cold Forged Products No. 1 Pty Limited
2022202796	MorphoSys AG	2023201754	FG Innovation Company Limited; Sharp Kabushiki Kais-ha
2022202810	Manufacturing Resources International, Inc.	2023202061	Minesense Technologies Ltd.
2022202919	Johnson & Johnson Consumer Inc.	2023202547	Dolby International AB
2022203196	The Queen's University of Belfast	2023203422	BEIJING SANYUAN FOODS CO., LTD.
2022203231	DENDRA SYSTEMS LTD	2023203929	LG Electronics Inc.
2022203359	CROWN EQUIPMENT CORPORATION	2023204613	The Chinese University of Hong Kong
2022203380	PPG Industries Ohio, Inc.	2023208091	Bluescope Steel Limited
2022203409	Georg Fischer Rohrleitungssysteme AG	2023222931	Apple Inc.
2022203569	Raven Industries, Inc.	2023233156	Ross, G.
2022203603	Ocado Innovation Limited	2023254913	Slingshot Biosciences, Inc.
2022203812	Daifuku Co., Ltd	2023254976	UBLOCKOUT TECHNOLOGIES PTY LTD
2022203890	KLIEBER, J.	2023258365	AI21 Labs
2022203934	Apple Inc.		
2022203944	Wing Aviation LLC		
2022204071	The Global Alliance for TB Drug Development, Inc.; Janssen Pharmaceutica NV		
2022204076	SK microworks Co., Ltd.		
2022204081	Amiad Water Systems LTD.		
2022204250	Chadra Laboratories LLC		
2022204307	CareFusion 303, Inc.		
2022204377	Raccords et Plastiques Nicoll		
2022204428	PepsiCo, Inc.		
2022204616	Carver Scientific, Inc.		
2022204626	Geberit International AG		
2022204658	JINKO SOLAR (HAINING) CO., LTD.		
2022204691	NuCana PLC		
2022205155	Rovi Guides, Inc.		
2022205218	Lunella Biotech, Inc.		
2022205239	Sequenom, Inc.		
2022206791	Toshiba Energy Systems & Solutions Corporation		
2022206808	Zhejiang Jinko Solar Co., Ltd.; Jinko Solar Co., Ltd.		

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<u>A01B 59 /-</u>	2018210896	<u>A22C 17 /-</u>	2022204428	2021235647	2022200585
2020396084	<u>A01H 1 /-</u>	2019384619	<u>A47G 29 /-</u>	2021245109	<u>A61F 2 /-</u>
<u>A01B 63 /-</u>	2016423814	<u>A23D 9 /-</u>	2018283965	2022200969	2018226788
2020396084	<u>A01H 3 /-</u>	2022218563	<u>A47H 13 /-</u>	2022215305	2018236851
<u>A01B 69 /-</u>	2019250231	<u>A23G 1 /-</u>	2021404855	<u>A61B 18 /-</u>	2018237357
2022203569	<u>A01H 5 /-</u>	2018253384	<u>A47J 31 /-</u>	2018295907	2018243878
2022268354	2017320470	<u>A23G 3 /-</u>	2017382522	<u>A61B 3 /-</u>	2019269740
<u>A01B 73 /-</u>	2017336340	2020327947	2018293907	2018386296	2020270993
2017343921	2021203084	2020327947	<u>A47J 37 /-</u>	<u>A61B 34 /-</u>	2020357330
<u>A01B 79 /-</u>	<u>A01K 1 /-</u>	<u>A23K 10 /-</u>	2018346251	2018369417	2020393845
2022203569	2020340241	2017320470	<u>A47J 43 /-</u>	2022241606	2022241606
<u>A01C 21 /-</u>	<u>A01K 3 /-</u>	<u>A23K 20 /-</u>	2017375883	<u>A61B 5 /-</u>	<u>A61F 9 /-</u>
2022203569	2022200405	2019479043	<u>A47J 44 /-</u>	2018216895	2018226788
<u>A01C 23 /-</u>	<u>A01M 21 /-</u>	<u>A23K 50 /-</u>	2018346251	2018304141	2020417087
2021250931	2022203569	2017336160	<u>A47K 13 /-</u>	2018346412	2021277132
<u>A01C 7 /-</u>	2023200989	2019479043	2022204626	2018375154	<u>A61G 13 /-</u>
2021250931	<u>A01M 23 /-</u>	<u>A23L 19 /-</u>	<u>A47K 3 /-</u>	2019316258	2022235520
2022203231	2021240179	2021240241	2018241063	2020395508	<u>A61H 33 /-</u>
<u>A01D 41 /-</u>	<u>A01N 1 /-</u>	<u>A23L 2 /-</u>	<u>A47L 11 /-</u>	2020411056	2019431382
2018322317	2018322317	2019222274	2020256986	2022201229	2021404855
2018329970	<u>A01N 25 /-</u>	<u>A23L 27 /-</u>	<u>A47L 7 /-</u>	<u>A61B 50 /-</u>	<u>A61J 1 /-</u>
2022203569	2018299795	2019236279	2020321555	2020412588	2018228495
2023200989	<u>A01N 33 /-</u>	<u>A23L 29 /-</u>	<u>A47L 9 /-</u>	<u>A61B 8 /-</u>	2020367980
<u>A01D 51 /-</u>	2018248699	2017325108	2020288046	2020364335	<u>A61J 3 /-</u>
2018256514	<u>A01N 43 /-</u>	<u>A23L 3 /-</u>	2020321555	<u>A61B 90 /-</u>	2018318480
<u>A01D 75 /-</u>	2017412631	2021217182	2020362530	2020393845	<u>A61J 9 /-</u>
2018329970	2018363682	2021404855	2023203929	2021229480	2020367980
2023200989	2018363686	<u>A23N 7 /-</u>	<u>A61B 1 /-</u>	2022241606	<u>A61K 31 /-</u>
<u>A01D 87 /-</u>	2021212008	2019234203	2018270785	<u>A61C 13 /-</u>	2017271665
2017343921	2021240179	<u>A24F 47 /-</u>	2020364335	2020245943	2017319507
<u>A01F 12 /-</u>	<u>A01P 1 /-</u>	2018233589	<u>A61B 10 /-</u>	<u>A61C 19 /-</u>	2017356214
2018329970	2018248699	2022202033	2018378615	2018290983	2017360910
2023200989	<u>A01P 19 /-</u>	<u>A41D 19 /-</u>	2022200585	2018293398	2017378092
<u>A01G 24 /-</u>	2021240179	2020284400	<u>A61B 17 /-</u>	2018307480	2018223985
2018343896	<u>A01P 21 /-</u>	<u>A41D 31 /-</u>	2018237357	2018321135	2018226771
<u>A01G 25 /-</u>	2018299795	2020284400	2018299967	2018353122	2018229750
2022228189	<u>A22B 5 /-</u>	<u>A45D 29 /-</u>	2018369417	2018359413	2018290983
<u>A01G 31 /-</u>	2019384619	2017325595	2019269740	2018363682	2018293398
2018210896	<u>A22B 7 /-</u>	<u>A47F 3 /-</u>	2019297054	2018363686	2018307480
<u>A01G 9 /-</u>	2019384619	2021214394	2019326548	2018400304	2018321135
		2021229480	2020379285	2019209214	2018353122
			2020389633	2019234670	2018359413
			2020417087	2019247904	2018363682
			2021214394	2019263953	2018363686
			2021229480	2019269409	2018400304
				2019302610	2019209214
				2019337051	2019214081
				2019357933	2019234670
				2019413682	2019247904
				2019441241	2019263953
					2019269409
					2019302610
					2019337051
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					2019413682
					2019441241

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2020217402	2019398214		2020331330		
2020255063	2020248612	<u>A61L 27 /-</u>	2020338971	2019337051	2018289514
2020260255	2021204169			2019413682	2020231134
2020276701	2021221379	2017363689	<u>A61P 13 /-</u>	2020202970	
2020283364	2022200076	2020317072			<u>B01D 29 /-</u>
2020322990	2022202796		2018400304	<u>A61P 5 /-</u>	
2020331330	2022241594	<u>A61L 31 /-</u>	2020322990		2022204081
2020338971				2021202899	
2020427452	<u>A61K 45 /-</u>	2020417087	<u>A61P 17 /-</u>	2021402802	<u>B01D 33 /-</u>
2021204706				2022201849	
2021211977	2019441241	<u>A61L 9 /-</u>	2018229750		2021286408
2021212559	2020248612			<u>A61P 7 /-</u>	
2021221379	2022204071	2018395285	<u>A61P 25 /-</u>		<u>B01D 46 /-</u>
2021229177	2022393856			2019382515	
2021245098		<u>A61M 1 /-</u>	2017225907	2021245098	2017383538
2021245150	<u>A61K 47 /-</u>	2018226231	2017360910		2021258384
2021245220		2018289514	2017378092	<u>A61P 9 /-</u>	2021261539
2021250891	2017367084		2018359413		
2021268103	2018229750	<u>A61M 11 /-</u>	2019413682	2017225907	<u>B01D 53 /-</u>
2021356875	2018333099		2020217402	2018229750	
2021392700	2018387417	2018233589	2020267164	2018290983	2018286313
2021402802	2018400304	2018255504	2020331330	2019234670	2018395285
2022200076	2019209214	2018255505	2021356875	2019263953	2021262517
2022201849	2019337051			2021212559	2022256236
2022202796	2020217402	<u>A61M 15 /-</u>	<u>A61P 27 /-</u>	2021402802	2023233156
2022204071	2020248612			2022200076	
2022235624	2020267758	2018255504	2017363689		<u>B01D 61 /-</u>
2022250095	2020419402	2018255505	2019209214	<u>A61Q 11 /-</u>	
2022283615	2021212559		2019413682		2020283364
2022393856	2021250891	<u>A61M 25 /-</u>	<u>A61P 29 /-</u>	2020290584	
	2022200076				<u>B01D 63 /-</u>
<u>A61K 33 /-</u>	2022393856	2018249366	2016293391	<u>A61Q 17 /-</u>	2018289514
		2018311660	2019234670		2020283364
2021211977	<u>A61K 48 /-</u>			2022202919	
		<u>A61M 39 /-</u>	<u>A61P 31 /-</u>	<u>A61Q 19 /-</u>	<u>B01D 65 /-</u>
<u>A61K 35 /-</u>	2017271665				
	2019383423	2018226231	2018223985	2017360346	2018269036
2017360346		2019384564	2019214081	2018331271	
2017363689	<u>A61K 8 /-</u>	2021250871	2019247904		<u>B01D 69 /-</u>
2019383423		2022204307	2019263953	<u>A62B 1 /-</u>	
2019390669	2018331271		2020331330	2018265236	2018286313
2020427452	2020290584	<u>A61M 5 /-</u>	2021250891		2020283364
	2022202919				2021262517
<u>A61K 36 /-</u>	<u>A61K 9 /-</u>	2018262696	<u>A61P 33 /-</u>	<u>A62C 2 /-</u>	<u>B01D 71 /-</u>
		2018282077			
2017370956	2017360346	2018289514	2018363682	2018203490	2018286313
2020267164	2017367084	2020417087	2018363686		2020283364
<u>A61K 38 /-</u>	2017370956	2021250871		<u>A62C 3 /-</u>	2021262517
	2018229750	2022204307	<u>A61P 35 /-</u>		
2017225907	2018333099			2018203490	<u>B01F 23 /-</u>
2017366739	2018363682	<u>A61M 60 /-</u>	2018387417		
2018247765	2018378615		2019247904	<u>A62C 4 /-</u>	2018370004
2019398214	2018400304	2020341540	2019337051		2021254626
2020283364	2019209214	<u>A61N 1 /-</u>	2019357933	2018203490	
2021211977	2020248612		2020248612		<u>B01F 25 /-</u>
2021269420	2020260255	2020357804	2020255063	<u>A63F 1 /-</u>	
2022201445	2020419402	2021217182	2020276701	2021269419	2018370004
2022241594	2021204706		2020322990	2022201701	
2022393856	2021221379	<u>A61N 7 /-</u>	2020331330		<u>B01F 33 /-</u>
	2021268103		2021204706	<u>A63G 31 /-</u>	
<u>A61K 39 /-</u>	2022202919	2018295907	2021212559		2021254626
	2022283615		2021245150	2019417735	
2016293391		<u>A61P 1 /-</u>	2021245220		<u>B01F 35 /-</u>
2016353153	<u>A61L 15 /-</u>		2021392700	<u>B01D 19 /-</u>	
2017250815		2018293398	2021402802		2021254626
2017270234	2018218200	2019390669	2022202796	2022257615	
2017272804	2018331271	2021402802	2022393856		<u>B01J 13 /-</u>
2017366739	2021208613	<u>A61P 11 /-</u>	<u>A61P 37 /-</u>	<u>B01D 21 /-</u>	
2018247765					2018333099
2018344508	<u>A61L 26 /-</u>	2019269409	2022393856	2018333569	2018378615
2018365296		2019302610			

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<u>B01J 20 /-</u>	<u>B21D 47 /-</u>	<u>B29C 41 /-</u>	<u>B32B 7 /-</u>	<u>B60P 7 /-</u>	<u>B63G 8 /-</u>
2018212308	2018319367	2020284400	2020284400	2020333152	2021375080
<u>B01J 27 /-</u>	<u>B21D 53 /-</u>	<u>B29C 44 /-</u>	<u>B33Y 70 /-</u>	<u>B60Q 1 /-</u>	<u>B64C 1 /-</u>
2020362824	2018319367	2018399088	2022203380	2019203796	2018202995 2018205159 2022203944
<u>B01J 37 /-</u>	<u>B22F 3 /-</u>	<u>B29C 45 /-</u>	<u>B41F 15 /-</u>	<u>B60T 13 /-</u>	<u>B64C 3 /-</u>
2018219673	2021261973	2020328503	2020257519 2020259973	2022228124	2017218981
<u>B01J 39 /-</u>	<u>B23B 5 /-</u>	<u>B29C 48 /-</u>	<u>B41M 3 /-</u>	<u>B60T 17 /-</u>	<u>B64C 39 /-</u>
2019217488	2018337624	2018334212	2018265761 2019333292	2018287199	2018375154 2022203231 2022203944
<u>B01J 41 /-</u>	<u>B23C 3 /-</u>	<u>B29C 64 /-</u>	<u>B41M 5 /-</u>	<u>B60W 10 /-</u>	
2019217488	2018337624	2021343968	2018378615	2018319070	
<u>B01J 8 /-</u>	<u>B23K 1 /-</u>	<u>B29C 65 /-</u>	<u>B42D 25 /-</u>	<u>B60W 20 /-</u>	<u>B64D 1 /-</u>
2022242243	2020322690	2018337624 2022203409	2018265761	2018319070 2022283706	2022203231
<u>B01L 1 /-</u>	<u>B23K 26 /-</u>	<u>B29C 67 /-</u>	<u>B44D 3 /-</u>	<u>B60W 30 /-</u>	<u>B64D 37 /-</u>
2019327425	2022291656	2022203380	2020298073	2018319070	2018203490
<u>B01L 3 /-</u>	<u>B24B 3 /-</u>	<u>B29C 69 /-</u>	<u>B60B 21 /-</u>	<u>B61H 5 /-</u>	<u>B64D 45 /-</u>
2019327425 2021254626 2022279500	2021233125	2018337624	2020426056	2018287199	2018213969
<u>B01L 9 /-</u>	2021233125	<u>B29C 70 /-</u>	<u>B60B 3 /-</u>	<u>B61L 15 /-</u>	<u>B65B 29 /-</u>
2019327425	<u>B25J 11 /-</u>	2018202995 2018205159	2020426056	2022201975 2022202434	2018378615
<u>B02C 13 /-</u>	2020362530	<u>B29L 31 /-</u>	<u>B60F 3 /-</u>	<u>B61L 23 /-</u>	<u>B65B 31 /-</u>
2022252853	<u>B25J 5 /-</u>	2018399088	2017279632	2022202434	2021208295
<u>B02C 23 /-</u>	2018317937	<u>B31B 100 /-</u>	<u>B60G 13 /-</u>	<u>B61L 25 /-</u>	<u>B65B 43 /-</u>
2022252853	<u>B25J 9 /-</u>	2021208295	2023200024	2022202434	2021208295
<u>B04C 5 /-</u>	2018317937 2020362530	<u>B31B 110 /-</u>	<u>B60H 3 /-</u>	<u>B61L 27 /-</u>	2021208295
2021254646 2022257615	2022203603	2021208295	2021258384 2021261539	2021306197	<u>B65D 25 /-</u>
<u>B05B 1 /-</u>	<u>B26D 1 /-</u>	<u>B31B 120 /-</u>	<u>B60J 3 /-</u>	<u>B62D 33 /-</u>	2017325108 2020367980
2018370004 2022228189	2019234203	2021208295	2021229230	2018301777	<u>B65D 30 /-</u>
<u>B05B 15 /-</u>	<u>B26D 3 /-</u>	<u>B31B 50 /-</u>	<u>B60K 15 /-</u>	<u>B62K 21 /-</u>	2017361365
2021404855	2018337624	2021208295	2019265221	2022203890	<u>B65D 47 /-</u>
<u>B05D 1 /-</u>	<u>B28C 5 /-</u>	<u>B32B 27 /-</u>	<u>B60K 6 /-</u>	<u>B63B 1 /-</u>	2017325108
2020284400	2018316229	2018204823 2021354977	2018319070	2017279632	<u>B65D 5 /-</u>
<u>B07B 1 /-</u>	<u>B28C 7 /-</u>	<u>B32B 33 /-</u>	<u>B60L 15 /-</u>	<u>B63B 27 /-</u>	2021208295
2020299538	2018316229	2021354977	2022283706	2021223210	<u>B65D 51 /-</u>
<u>B09B 1 /-</u>	<u>B29B 17 /-</u>	<u>B32B 37 /-</u>	<u>B60L 58 /-</u>	<u>B63C 9 /-</u>	2020367980
2018402344	2018334212 2022252853	2021354977	2020385550	2018265236	<u>B65D 65 /-</u>
<u>B21D 26 /-</u>	<u>B29B 7 /-</u>	<u>B32B 5 /-</u>	<u>B60P 3 /-</u>	<u>B63G 7 /-</u>	2021354977 2022204076
2018319367	2018334212	2021418416	2019265221 2021212154 2021250931	2021375080	<u>B65D 77 /-</u>

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2021208295	B81B 1/-	C07C 245/-	2021212559	2019299339	C08G 18/-
B65D 81/-	2018239845	2018335420	C07D 471/-	2019337051	2018335768
2018228495	C01B 13/-	C07C 275/-	2018321135	2022202011	2018388869
B65D 83/-	2018305811	2022205218	2018359413	C07J 43/-	2020266444
2018233589	C01B 3/-	C07C 277/-	2019234670	2022201849	2022203380
B65D 85/-	2018305811	2019217489	2019302610	C07K 14/-	C08G 59/-
2018293033	2022242243	C07C 279/-	2021245098	2017336340	2018348031
B65D 90/-	C01B 32/-	2019217489	2021245150	2017366739	C08G 63/-
2019265221	2022256236	C07D 207/-	2021356875	2018247765	2022204076
2021250931	C01B 39/-	2018359413	2022235624	2018260545	C08G 65/-
B65G 1/-	2018286313	C07D 213/-	2022250095	2018335420	2018348031
2022203359	C01C 1/-	2018359413	C07D 475/-	2018344508	C08J 5/-
B65G 17/-	2018286313	C07D 215/-	2021245150	2018365296	2018348031
2022203812	2018305811	2018382999	C07D 487/-	2019372642	C08K 3/-
B65G 33/-	C01G 19/-	C07D 239/-	2020331330	2019383423	2022204076
2018222746	2019286882	2018353122	2021245220	2020267758	C08K 5/-
B65G 47/-	C02F 1/-	2019209960	2021392700	2021269420	2022201445
2022203812	2018212308	C07D 261/-	2022250095	2022201445	2022241594
B65G 63/-	2018269036	2018363682	C07D 489/-	C07K 16/-	2018348840
2018332246	2019217488	2018363686	2021203084	2016293391	2022202498
B66B 5/-	C02F 103/-	C07D 401/-	C07D 491/-	2016343987	2022203380
2018204749	2018212308	2018353122	2018454681	2016353153	2022204076
B66C 13/-	C02F 3/-	2019269409	2022393856	2017250815	C08K 5/-
2018296142	2018333569	2019413682	C07D 498/-	2017272804	2018454681
2021221455	C02F 5/-	2020276701	2020331330	2018247765	2022204076
B66C 19/-	2019217488	2021250891	C07D 499/-	2018260545	C08L 23/-
2020392730	C04B 18/-	2018353122	2022250095	2019337051	2020326325
B66C 23/-	2022252853	2018359413	C07D 519/-	2019382515	C08L 53/-
2021221455	C04B 35/-	2019413682	2019234670	2020267758	2018333099
B66C 6/-	2019286882	2020331330	C07D 503/-	2022202796	C08L 71/-
2020392730	C05C 9/-	2021402802	2022250095	C07K 17/-	2018333099
B66F 9/-	2018304604	C07D 405/-	C07D 519/-	2016354590	C08L 91/-
2017343921	C05D 3/-	2018359413	2019234670	C07K 19/-	2020326325
2021286260	2018304604	2019413682	C07F 5/-	2017250815	C09B 1/-
2022203359	C05G 1/-	2020331330	2022250095	2019372642	2018454681
B67D 1/-	2018304604	2020331330	C07F 9/-	2019382515	C09D 133/-
2018292504	C07C 235/-	2020338971	2022204691	2022241594	2018248576
2018303360	2018304604	C07D 417/-	C07H 1/-	C07K 7/-	C09D 175/-
B67D 9/-	2018304604	2022250095	2022204691	2018387417	2018335768
2021223210	2019263953	C07D 421/-	C07H 15/-	2022393856	2022203380
	2022205218		2019236279	2019263953	C09D 4/-
			C07H 19/-	2022393856	2018248576
			2019247904	C07K 7/-	C09D 175/-
			2022203196	2018387417	2018335768
			2022204691	2022393856	2022203380
			C07H 21/-	C07K 7/-	C09D 4/-
				2018387417	2018248576
				2022393856	C09D 5/-
				2021237559	2018348840
				C08F 20/-	C09D 7/-
				2022202498	2018348840
				C08F 220/-	2022202498
				2021237559	

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E21B 34 /-	2017387014	F16L 35 /-	2018266741	2018308368	2018269036
2020239636	2018310551	2018271140	F24S 70 /-	G01F 3 /-	2018316229
2020266444	F04D 7 /-	F16L 37 /-	2018266741	2018308368	2018333099
E21B 43 /-	2018310551	2018271140	F24S 80 /-	G01H 5 /-	2020395508
2017387014	F04F 5 /-	2022204377	2018266741	2018264138	2021232687
2020239636	2018370004	F16L 55 /-	F25B 1 /-	G01J 3 /-	2022200585
E21B 47 /-	F15D 1 /-	2018271140	2020457289	2019311207	2022202498
2018455892	2020315498	F16L 59 /-	F25B 13 /-	2021292219	2023203422
E21C 27 /-	F16B 33 /-	2021240254	2020457289	G01M 1 /-	2023254913
2023202061	2018213969	F16L 9 /-	F25B 41 /-	2018264138	G01N 35 /-
E21C 41 /-	F16B 37 /-	2018289514	2020322690	G01M 13 /-	2022279500
2018377063	2017333595	F16M 11 /-	F25D 11 /-	2018264138	2020385550
E21D 11 /-	2018213969	2022202810	2022204428	G01M 17 /-	2021245134
2017376874	F16B 43 /-	F16M 13 /-	F25D 19 /-	2018264138	G01R 31 /-
2019444087	2018204823	2022202810	2021240254	G01M 3 /-	2020385550
E21D 21 /-	F16B 45 /-	F16S 3 /-	2022204428	2018379529	2021245134
2018319717	2020298073	2020392730	F25D 21 /-	2019212304	G01R 33 /-
E21D 9 /-	F16C 19 /-	F17C 13 /-	2022204428	G01N 1 /-	2019204570
2019444087	2018264138	2020247428	F25D 23 /-	2022279500	G01S 11 /-
E21F 16 /-	F16D 55 /-	2022251836	2021240254	G01N 11 /-	G01S 11 /-
2017376874	2018287199	F17C 5 /-	2022204428	2018316229	2019363542
F02D 19 /-	2022228124	2020247428	F27B 5 /-	G01M 3 /-	G01S 13 /-
2019212304	F16D 65 /-	F21S 9 /-	2021223401	2018379529	2020411056
F02D 41 /-	2018287199	2021404855	F27B 7 /-	2019212304	G01S 15 /-
2019212304	2022228124	F23K 1 /-	2021247761	G01N 1 /-	2018375154
F02M 21 /-	F16G 11 /-	2021247761	F28F 9 /-	2022279500	2018377063
2019212304	2018402344	F23Q 25 /-	2018289514	G01N 11 /-	G01S 17 /-
F03B 17 /-	2020298073	2018203490	G01C 15 /-	2018316229	2021271815
2022202619	2018204823	F24D 10 /-	2021247761	G01N 15 /-	G01S 19 /-
F03D 17 /-	F16K 11 /-	2018393990	F28F 9 /-	2018269036	2021325826
2022206791	2018303360	F24D 19 /-	2022258476	2021296379	G01S 5 /-
F03D 3 /-	F16K 21 /-	2018393990	G01C 21 /-	2022279500	2020392064
2022202619	2018303360	F24F 11 /-	2021247761	G01N 21 /-	G01S 7 /-
F03D 9 /-	F16K 31 /-	2020434084	F28F 9 /-	2018356385	G01S 17 /-
2022202619	2018303360	F24F 13 /-	2018289514	2020395508	2021271815
F04D 13 /-	2018303360	2020434084	G01D 5 /-	2021261873	2022258476
2018310551	F16L 13 /-	2020434084	2017442761	2021296379	G01V 1 /-
F04D 25 /-	2020322690	F24F 7 /-	G01D 5 /-	G01N 23 /-	2019243987
2017387014	F16L 21 /-	2021404855	2021247761	2021212154	2020308642
			G01F 15 /-	G01N 27 /-	202221545
			2018308368	2018316229	G01V 8 /-
			G01F 19 /-	G01N 29 /-	2018377063
			2021207714	2019384492	G01V 99 /-
				G01N 30 /-	202221545
				2023203422	G02B 21 /-
				G01N 33 /-	2022279500
				2016353153	G02B 26 /-
				2017278305	2021271815
				2017336160	

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2023201026	G06F 15 /-	G06N 3 /-	2021329483 2022268354	G11B 27 /-	H01H 83 /-
G02B 27 /-	2021259316 2021349770	2020369825 2020399273 2020406770	G06V 10 /-	2022224091	2020390079
2018386296 2023201026	G06F 16 /-	2021269326 2022200073	2020406770	G11C 11 /-	H01L 23 /-
G02B 5 /-	2020382999 2020422535	G06N 5 /-	G06V 20 /-	2022204616	2022291656
2023201026	2021258035 2022224091 2022241590	2021224058 2022203409	2020406770 2022258476 2022279500	G16B 15 /-	H01L 31 /-
G02B 6 /-				2020333348 2021261873	2020448642 2021404856 2022204658 2022206808 2022291656
2018386296 2023201026	G06F 17 /-	G06Q 10 /-	G08B 25 /-	G16B 20 /-	
G02C 7 /-	2018328754 2021224058 2022200073	2018354129 2021292219 2022200073 2022203359 2022203409 2022228136	2018375154	2018350975 2020333348 2022205239 2023204613	H01M 10 /-
2022212761	G06F 21 /-		G08C 17 /-		2019286882 2021404855
G02F 1 /-	2017429564 2018354129 2020366615 2020368222 2020426828 2022203569	G06Q 20 /-	2019363542 2021245134	G16B 25 /-	H01M 4 /-
2021229230 2022212761		2020343996	G08C 19 /-	2018390995	2021258092
G03C 1 /-		G06Q 30 /-	2021245134	G16B 30 /-	H01M 50 /-
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G05B 15 /-			2018332246	G16B 40 /-	H01M 6 /-
2021278825	2017429564 2019224639 2019333292 2021325826	G06Q 50 /-	G09B 23 /-	2020333348 2021261873 2022205239	2021258092
G05B 19 /-	2021347112 2022201229 2022224091 2022235609 2022241590 2023222931	2018328124 2018354129 2020247428 2021229155 2022200073 2022201463 2022201701 2022203569	2018220845 2018380902		H01M 8 /-
2018317937 2020333152			G09F 27 /-	G16H 20 /-	2019212304
G05D 1 /-			2022202810	2022201229	H01Q 1 /-
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	2020324446 2021258035 2021269326 2023258365	2021329483	2022204076	2020393845	H01R 12 /-
G05D 11 /-		G06T 13 /-	G09F 9 /-	G21F 9 /-	2018271140
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G05D 7 /-	2019272434 2021275032 2021325826	G06T 17 /-	G10K 11 /-	H01B 1 /-	2018271140
2020315498		2018328754 2018377063	2019260343	2019286882 2022202498	H02H 3 /-
G05G 1 /-	G06K 17 /-	G06T 19 /-	G10L 15 /-	H01B 11 /-	2019201770
2017442761 2020422732	2019461859	2023201026	2020363882	2020357804	H02H 9 /-
G06F 1 /-	G06K 19 /-	G06T 3 /-	G10L 17 /-	H01B 13 /-	2018211234
2019224639 2020462910 2021325826	2019461859	2019369516	2020363882 2023222931	H01B 17 /-	H02J 13 /-
	G06K 7 /-	G06T 5 /-	G10L 19 /-	2019286882	2022200073
G06F 11 /-	2019461859	2018377063 2019369516 2022258476	2023202547	H01B 13 /-	H02J 15 /-
2021227739	G06N 10 /-		G10L 21 /-	2022200405	2022200073
G06F 13 /-	2022239291	G06T 7 /-	2022228169 2023202547	H01G 4 /-	H02J 3 /-
2019210326	G06N 20 /-	2018356385 2018377063 2019369516 2020393845	G10L 25 /-	2022204616	2022200073
			2020363882 2021207726 2023202547	H01H 71 /-	H02J 50 /-
				2020390079	2021283000 2022203934
				H01H 73 /-	H02J 7 /-
				2020390079	

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2020385550	<u>H04L 47 /-</u>	<u>H04W 16 /-</u>
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2022204616		
<u>H02K 1 /-</u>	<u>H04L 5 /-</u>	<u>H04W 28 /-</u>
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2021318184		
	<u>H04L 51 /-</u>	<u>H04W 4 /-</u>
<u>H02K 11 /-</u>	2020324446	2019206533
2020469502	2021285843	2019461859
	<u>H04L 61 /-</u>	<u>H04W 48 /-</u>
<u>H02K 21 /-</u>	2020385682	2019206533
2019370644		2022215252
	<u>H04L 65 /-</u>	<u>H04W 52 /-</u>
<u>H02K 3 /-</u>	2020451276	2022204250
2019370644		
2021318184	<u>H04L 67 /-</u>	<u>H04W 68 /-</u>
	2021278825	2019206533
2018353104		
	<u>H04L 69 /-</u>	<u>H04W 72 /-</u>
<u>H02P 23 /-</u>	2020385682	2019206533
2021318184		2019229859
	<u>H04M 3 /-</u>	2019239842
<u>H02S 20 /-</u>	2021285843	2022215252
2021404855		
	<u>H04N 19 /-</u>	<u>H04W 76 /-</u>
<u>H02S 40 /-</u>	2019397944	2019229859
2021404855	2019401811	2022204250
2022291656	2019419322	
	2020206492	<u>H04W 8 /-</u>
<u>H02S 50 /-</u>	2020232135	2020451276
2021245134	2020233003	
	2020234831	<u>H04W 84 /-</u>
<u>H03G 3 /-</u>	2020290306	2022201975
2022228169	2020318106	
	2020374347	<u>H04W 88 /-</u>
	2023201754	2022215252
<u>H03K 3 /-</u>	<u>H04N 21 /-</u>	<u>H04W 92 /-</u>
2020357804	2017429564	2019229859
	2019210326	
<u>H03M 7 /-</u>	2022205155	
2022291506	2022228092	
	2022241590	<u>H05B 47 /-</u>
<u>H04B 1 /-</u>	<u>H04N 23 /-</u>	2021245235
2019260343	2022201893	
2022201566		<u>H05K 3 /-</u>
	<u>H04N 5 /-</u>	2020257519
<u>H04B 7 /-</u>	2022201463	2020259973
2022201566	2022205155	
2022201975		<u>H05K 5 /-</u>
	<u>H04R 27 /-</u>	2022202810
<u>H04L 1 /-</u>	2022228169	<u>H05K 7 /-</u>
2019239842		2022202810
2021268768	<u>H04R 3 /-</u>	2022228111
2022201975	2022228169	
		<u>H04W 12 /-</u>
<u>H04L 12 /-</u>	2022203569	
2021278825		

Certified Innovation Patents**Name Index**

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

(71) Fu, L.
(11) AU-B-2021103922
(21) 2021103922 (22) 07.07.2021
(54) CUTTABLE ANCHOR CABLE WITH
PRESTRESSED TENSION
(51) Int. Cl.
E21D 21/00 (2006.01)
(45) 23.11.2023
(72) Fu, Likai
(74) Remarkable IP

(71) Likai, F.
(11) AU-B-2021103198
(21) 2021103198 (22) 08.06.2021
(54) CUTTABLE AND MAGNETICALLY-AD-
SORBABLE ANCHOR ROD AS-
SEMBLY
(51) Int. Cl.
E21D 21/00 (2006.01)
(45) 23.11.2023
(72) Likai, Fu
(74) Remarkable IP

Numerical Index

2021103198 Likai, F.
2021103922 Fu, L.

IPC Index

E21D 21 /-

2021103198
2021103922

Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Lodged

2020364505 **JFE Steel Corporation** (Voestalpine Rail Technology GmbH)

Opposition Dismissed - Proceed to Grant

2021203660 **The Coca-Cola Company** (GIRL FRIDAY IP PTY LTD)

Patents Granted

Standard Patents

2016352695	2016353468	2016357460	2016418249
2016428017	2016432188	2016434848	2017203413
2017204659	2017206193	2017215211	2017223821
2017228401	2017228710	2017237464	2017240236
2017242031	2017242523	2017246318	2017248276
2017248656	2017251707	2017269860	2017270686
2017277647	2017277666	2017281649	2017286794
2017292010	2017293654	2017302668	2017309337
2017310249	2017315755	2017322399	2017329672
2017330350	2017340125	2017340760	2017344826
2017345394	2017345720	2017350732	2017353216
2017354082	2017355417	2017362014	2017363960
2017364162	2017371395	2017373543	2017374777
2017377022	2017377661	2017377902	2017378220
2017379736	2017381050	2017382441	2017387077
2017388207	2017390514	2017400244	2017412281
2017425084	2017432180	2017435881	2017438694
2017438991	2018200593	2018200701	2018201365
2018201735	2018202123	2018203678	2018203787
2018204842	2018204843	2018207769	2018213849
2018215360	2018215520	2018220781	2018223937
2018223975	2018229280	2018229330	2018229967
2018230992	2018231408	2018232560	2018232800
2018234204	2018234376	2018234913	2018236888
2018237288	2018239442	2018239935	2018240002
2018240414	2018240520	2018243480	2018244078
2018244799	2018250340	2018252927	2018253491
2018255117	2018256582	2018258692	2018259567
2018262416	2018263295	2018263371	2018268805
2018269362	2018269711	2018269737	2018271842
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2018288516	2018289404	2018290882	2018290885
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2018297846	2018303336	2018307119	2018307791
2018310720	2018311413	2018319635	2018320150
2018320412	2018322282	2018322795	2018328569
2018346104	2018348719	2018349776	2018352471
2018354349	2018360847	2018361984	2018365074
2018380646	2018385690	2018387316	2018390648
2018419509	2018429898	2018447034	2019209293
2019218747	2019220460	2019231140	2019241702
2019241840	2019242899	2019243017	2019248350
2019269346	2019286280	2019288269	2019301648
2019305815	2019310437	2019312924	2019316053
2019332047	2019355273	2019362576	2019364717
2019371825	2019372445	2019384948	2019386917
2019403447	2019420490	2019421587	2019428640
2019451224	2019465349	2019478717	2020200993
2020203322	2020212558	2020213431	2020215026
2020215849	2020227791	2020228973	2020242986
2020247208	2020247230	2020247578	2020254105
2020255012	2020257403	2020257935	2020259650

Patents Granted

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2020264323	2020266635	2020268279	2020270771
2020274118	2020280924	2020284374	2020286933
2020293073	2020294253	2020294508	2020295595
2020295720	2020296110	2020312643	2020317321
2020320997	2020321811	2020348086	2020349504
2020353550	2020354034	2020359756	2020369463
2020373988	2020378460	2020381527	2020382065
2020382698	2020386881	2020391183	2020400764
2020401899	2020410470	2020414142	2020415250
2020415282	2020417950	2020418468	2020422153
2020425195	2020428058	2020456574	2020477267
2021202480	2021202522	2021202800	2021202906
2021202910	2021203170	2021203178	2021203198
2021203290	2021203294	2021203311	2021203370
2021203530	2021203969	2021203970	2021204089
2021204351	2021204478	2021204517	2021204605
2021204824	2021205427	2021206820	2021206839
2021209240	2021209255	2021209281	2021212018
2021212099	2021215119	2021215136	2021215164
2021217693	2021218005	2021218183	2021221397
2021221578	2021225151	2021225175	2021225239
2021232831	2021232836	2021236555	2021245116
2021245242	2021251739	2021254543	2021254599
2021254627	2021258057	2021266163	2021266354
2021269349	2021269450	2021272086	2021277728
2021286280	2021287457	2021290425	2021305970
2021312196	2021312671	2021323844	2021369836
2022200055	2022200173	2022200459	2022200535
2022201047	2022201651	2022201717	2022202204
2022202301	2022202650	2022203981	2022204475
2022204883	2022205145	2022205182	2022206825
2022221474	2022226493	2022235614	2022241559
2022246322	2022263618	2022279372	2023200298
2023201144	2023201742		

Assignments Registered

2004210936 Shire Human Genetic Therapies, Inc. The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2004287895 PEAK WELL SYSTEMS PTY LTD The patent has been assigned to **SCHLUMBERGER TECHNOLOGY CORPORATION; SCHLUMBERGER CANADA LIMITED; SERVICES PETROLIERS SCHLUMBERGER; Schlumberger Technology B.V.**

2006217120 Pettersson, Niklas The patent has been assigned to **Packsizes LLC**

2008264287 Siem WIS AS The patent has been assigned to **Better Tomorrow AS**

2009209408 Applied Genetic Technologies Corporation The patent has been assigned to **Beacon Therapeutics Limited**

2009217223 Curtin University of Technology The patent has been assigned to **BREAKTHROUGH TECHNOLOGIES PTY LTD**

2010201064 PEAK WELL SYSTEMS PTY LTD The patent has been assigned to **SCHLUMBERGER TECHNOLOGY CORPORATION; SCHLUMBERGER CANADA LIMITED; SERVICES PETROLIERS SCHLUMBERGER; Schlumberger Technology B.V.**

2010212261 Shire Human Genetic Therapies, Inc. The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2011270668 Shire Human Genetic Therapies, Inc. The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2011270669 Shire Human Genetic Therapies, Inc. The patent has been assigned to **Takeda Pharmaceutical Company Limited**

Assignments Registered

2011270670 Shire Human Genetic Therapies, Inc. The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2012206984 Shire Human Genetic Therapies, Inc. The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2012306228 Perttula, Mikael; HR-Group Oy; Karonen, Aimo The patent has been assigned to **Oy ConFoot Ltd**

2012327866 Peak Well Systems Pty Ltd The patent has been assigned to **SCHLUMBERGER TECHNOLOGY CORPORATION; SCHLUMBERGER CANADA LIMITED; SERVICES PETROLIERS SCHLUMBERGER; Schlumberger Technology B.V.**

2012358223 Shire Human Genetic Therapies, Inc. The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2013222047 General Electric Company The patent has been assigned to **LM Wind Power A/S**

2013248200 General Electric Company The patent has been assigned to **LM Wind Power A/S**

2013282395 Shire Human Genetic Therapies, Inc. The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2013282400 Shire Human Genetic Therapies, Inc. The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2013334157 Spectrum Brands, Inc. The patent has been assigned to **ASSA ABLOY Americas Residential Inc.**

2014237417 Spectrum Brands, Inc. The patent has been assigned to **ASSA ABLOY Americas Residential Inc.**

2014249956 Spectrum Brands, Inc. The patent has been assigned to **ASSA ABLOY Americas Residential Inc.**

2015247777 Applied Genetic Technologies Corporation The patent has been assigned to **Beacon Therapeutics Limited**

2015268746 General Electric Company The patent has been assigned to **GE Infrastructure Technology LLC**

2015286624 METTEN Stein+Design GmbH & Co. KG The patent has been assigned to **METTEN Technologies GmbH & Co. KG**

2015330677 Rubin, Matthew; Trade Secret Chocolates The patent has been assigned to **Rubin, Matthew; True Essence Foods Inc.**

2016200460 Shire Human Genetic Therapies, Inc. The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2016200469 Shire Human Genetic Therapies, Inc. The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2016225993 Sorrento Therapeutics, Inc. The patent has been assigned to **YUHAN CORPORATION**

2016246060 Kedalion Therapeutics, Inc. The patent has been assigned to **Novartis AG**

2016260790 DP Polar GmbH The patent has been assigned to **3D Systems GmbH**

2016268944 THALES DIS AIS Deutschland GmbH The patent has been assigned to **Telit Cinterion Deutschland GmbH**

2016336851 Rázga, Filip; Némethová, Veronika The patent has been assigned to **Selecta Biotech SE**

2017202219 Shire Human Genetic Therapies, Inc. The patent has been assigned to **Takeda Pharmaceutical Company Limited**

Assignments Registered

2017202289 Shire Human Genetic Therapies, Inc. The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2017202349 Shire Human Genetic Therapies, Inc. The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2017221791 Applied Genetic Technologies Corporation The patent has been assigned to **Beacon Therapeutics Limited**

2017239597 Peak Well Systems Pty Ltd The patent has been assigned to **SCHLUMBERGER TECHNOLOGY CORPORATION; SCHLUMBERGER CANADA LIMITED; SERVICES PETROLIERS SCHLUMBERGER; Schlumberger Technology B.V.**

2017240154 Sony Corporation; Sony Corporation of America The patent has been assigned to **Sony Group Corporation**

2017248165 Sony Corporation of America; Sony Corporation The patent has been assigned to **Sony Group Corporation**

2017264861 Sony Corporation; Sony Corporation of America The patent has been assigned to **Sony Group Corporation**

2017265071 Novartis AG The patent has been assigned to **BAUSCH + LOMB IRELAND LIMITED**

2017266438 Sensen Networks Group Pty Ltd The patent has been assigned to **Angel Group Co., Ltd.**

2018200230 Shire Human Genetic Therapies, Inc. The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2018200710 Shire Human Genetic Therapies, Inc. The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2018201677 Spectrum Brands, Inc. The patent has been assigned to **ASSA ABLOY Americas Residential Inc.**

2018344762 Sensen Networks Group Pty Ltd The patent has been assigned to **Angel Group Co., Ltd.**

2019203515 Shire Human Genetic Therapies, Inc. The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2019204051 Shire Human Genetic Therapies, Inc. The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2019204056 Shire Human Genetic Therapies, Inc. The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2019210525 Novartis AG The patent has been assigned to **BAUSCH + LOMB IRELAND LIMITED**

2020224663 Stratos Genomics, Inc. The patent has been assigned to **F. Hoffmann-La Roche AG**

2020279629 Stratos Genomics, Inc. The patent has been assigned to **F. Hoffmann-La Roche AG**

2020458189 RAPAS International Limited; RAPAS Co., Ltd. The patent has been assigned to **RAPAS International Limited**

2021102736 SenSen Networks Group Pty Ltd The patent has been assigned to **Angel Group Co., Ltd.**

2021102737 SenSen Networks Group Pty Ltd The patent has been assigned to **Angel Group Co., Ltd.**

2021102739 SenSen Networks Group Pty Ltd The patent has been assigned to **Angel Group Co., Ltd.**

2021102740 SenSen Networks Group Pty Ltd The patent has been assigned to **Angel Group Co., Ltd.**

Assignments Registered

2021103089 Blinkhome, Ben The patent has been assigned to **SUPERIOR ENGINEERING GROUP LIMITED**

2021106867 SenSen Networks Group Pty Ltd The patent has been assigned to **Angel Group Co., Ltd.**

2021202579 Shire Human Genetic Therapies, Inc. The patent has been assigned to **Takeda Pharmaceutical Company Limited**

Licences Registered - Section 187, Reg. 19

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

2018344739 Shionogi & Co., Ltd. (F. Hoffmann-La Roche Ltd)

2018344739 Shionogi & Co., Ltd. (Hoffmann-La Roche Inc.)

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Accepted

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

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

2007285976 **Xencor, Inc**

The earliest first regulatory approval date provided by the patentee 20 Jun 2023

For the goods MINJUVI Tafasitamab

Address for service : Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2011203503 **Xencor, Inc.**

The earliest first regulatory approval date provided by the patentee 20 Jun 2023

For the goods MINJUVI tafasitamab

Address for service : Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

Extensions granted

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

2017246554 **Loxo Oncology, Inc.**

The earliest first regulatory approval date provided by the patentee 20 Sep 2022

For the goods VITRAKVI larotrectinib

Extension of Term of patent pursuant to Section 77 expires on 20 Sep 2037

Corrigenda

In Vol 36 , No 44 , Page(s) 6024 under the heading **Complete Applications Filed - Name Index** Under the name LG Electronics Inc., Application No. 2022252821, under INID (71) remove co-applicant LG Electronics Inc.

In Vol 36 , No 45 , Page(s) 6170 under the heading **Applications OPI - Name Index** Under the name LG Electronics Inc., Application No. 2022252821, under INID (71) remove co-applicant LG Electronics Inc.

In Vol 57 , No 44 , Page(s) 6439 under the heading **Applications Accepted - Name Index** Delete all reference to 2017325108.

Corrigenda

In Vol 57 , No 45 , Page(s) 6476 under the heading **Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired - 2021** Delete all reference to 2021215118.

In Vol 57 , No 45 , Page(s) 6478 under the heading **Amendments - Application for Amendments** Under the name Bus IP Holdings Pty Ltd, Application No. 2018231941 correct the date of the statements filed to read 23 Jan, 12 Jul and 12 Sep 2023

Specifications Republished

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

2016225935	Able High International Ltd.
2017235923	Mettler-Toledo Safeline Ltd.
2020260458	FCX Solar LLC
2020353550	Sanki Engineering Co.,Ltd.; Aquaconsult Anlagenbau GmbH
2021212114	Apple Inc.
2022201556	The Regents of the University of Michigan
2022430003	GUANGZHOU HENOVCOM BIOSCIENCE CO., LTD.