



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

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Professional Standards Board

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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 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 -

Proceedings under the Patents Act 1990

Provisional Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 8 Aug 2023 .

(71) ACG Australia Group Pty Ltd (21) 2023902519 (22) 09.08.2023 (54) A modular storage container for vehicles	(71) Bio-Gene Technology Limited (21) 2023902520 (22) 09.08.2023 (54) Reducing the viability of un-emerged pests	(71) Cloudy Bay Vineyards Limited (21) 2023902569 (22) 14.08.2023 (54) Apparatus for Removing Posts and Stumps
(71) Alchin Long Group IP Pty Limited (21) 2023902555 (22) 11.08.2023 (54) Rolling track assembly for a sliding door or window	(71) Breville Pty Limited (21) 2023902521 (22) 09.08.2023 (54) A user interface system for a kitchen appliance	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2023902579 (22) 14.08.2023 (54) System and method for determining surface markings from images
(71) Anderson, R. (21) 2023902585 (22) 15.08.2023 (54) SKI BOOT AND RELATED SYSTEM	(71) Breville Pty Limited (21) 2023902541 (22) 10.08.2023 (54) A Kitchen Device with an Interlock System	(71) Cortese, F. (21) 2023902582 (22) 15.08.2023 (54) SYSTEM AND METHOD FOR FACILITATING SOCIAL CONNECTIONS BETWEEN INDIVIDUALS
Appuhamillage, G. see Spark, I. (21) 2023902565	(71) BSB Engineering Pty Ltd (21) 2023902523 (22) 09.08.2023 (54) Beam regulator apparatus and associated actuator	(71) CSL Innovation Pty Ltd; The University of Melbourne (21) 2023902567 (22) 14.08.2023 (54) Methods of treating metabolic disorders
(71) AquaPlasma Technologies Group Pty Ltd (21) 2023902527 (22) 09.08.2023 (54) Improved Desalination System and Methods	(71) CANVAS IP PTY LTD (21) 2023902559 (22) 11.08.2023 (54) Integrated system and method for settlement of digital assets across multiple blockchain networks	(71) CUMMINS, I. (21) 2023902526 (22) 09.08.2023 (54) Cold Fission Water Reactors Producing Green Hydrogen H2 Gas and Oxygen O Gas from H2O Water Technology
(71) AUSTRALIAN NATIONAL UNIVERSITY (21) 2023902573 (22) 14.08.2023 (54) SYSTEM AND METHOD FOR DETERMINING ACCELERATION	(71) CANVAS IP PTY LTD (21) 2023902560 (22) 11.08.2023 (54) Privacy-preserving system and method for artificial intelligence model development, fine-tuning and interaction	(71) DIGITALSURFING PTY LTD (21) 2023902568 (22) 14.08.2023 (54) After Life Social Medium
(71) BECAUSEICAN PTY LIMITED (21) 2023902539 (22) 10.08.2023 (54) STRONGBOX	(71) CHUI, W. (21) 2023902557 (22) 11.08.2023 (54) THERMAL ENERGY DIFFERENTIAL EXTRACTION ASSEMBLY	(71) Engineering & Industrial Solutions Group Pty Ltd (21) 2023902597 (22) 15.08.2023 (54) A coal shearing drum having optimised loading efficiency
(71) biney , n. (21) 2023902563 (22) 13.08.2023 (54) Sleepsuit with integrated Vest	(71) Clarity Pharmaceuticals Limited (21) 2023902524 (22) 09.08.2023 (54) Methods for the diagnosis and/or treatment of prostate cancer	(71) Envirotec Fire Systems Pty Ltd (21) 2023902550 (22) 11.08.2023 (54) APPARATUS FOR DELIVERING FIRE SUPPRESSION AGENT TO DIS-

Provisional Applications Filed - Name Index cont'd

<p>PENSERS IN A FIRE SUPPRESSION SYSTEM</p> <hr/> <p>(71) Fleet Space Technologies Pty Ltd (21) 2023902552 (22) 11.08.2023 (54) Compact satellite-enabled seismic sensor node</p> <hr/> <p>(71) FONTERRA CO-OPERATIVE GROUP LIMITED; MAHENDRAN, P. (21) 2023902577 (22) 14.08.2023 (54) DAIRY PRODUCT AND PROCESS</p> <hr/> <p>(71) Gurney, D. (21) 2023902593 (22) 15.08.2023 (54) ENCLOSURES</p> <hr/> <p>(71) Haas, D. (21) 2023902561 (22) 12.08.2023 (54) Toothless Carpet Stretcher</p> <hr/> <p>(71) handfield, m. (21) 2023902564 (22) 13.08.2023 (54) Rip Away Express Joiner</p> <hr/> <p>(71) Hannon-Tan, J. (21) 2023902575 (22) 14.08.2023 (54) Integrated NFC Antenna with Distinctive Aesthetics for Physical and Digital Identity Alignment.</p> <hr/> <p>(71) Harrison, H. (21) 2023902522 (22) 09.08.2023 (54) Carrier</p> <hr/> <p>(71) Hason, A. (21) 2023902534 (22) 10.08.2023 (54) A hair clipper guard retainer</p> <hr/> <p>(71) Holland, T. (21) 2023902551 (22) 11.08.2023 (54) An Air Vent</p> <hr/> <p>(71) Illinois Tool Works Inc. (21) 2023902546 (22) 10.08.2023 (54) Coupler and coupling method</p> <hr/> <p>(71) Imtrade Australia Pty Ltd (21) 2023902592 (22) 15.08.2023 (54) Pesticide formulation comprising omethoate and means to monitor the stability thereof</p> <hr/> <p>(71) Jayaram, N. (21) 2023902598 (22) 15.08.2023 (54) OFFSHORE FLOATING FLEXIBLE SOLAR POWER PLANT</p>	<p>(71) Kaplan, D. (21) 2023902525 (22) 09.08.2023 (54) FITTED BED COVERING</p> <hr/> <p>(71) Klevaform Pty Ltd (21) 2023902591 (22) 15.08.2023 (54) A BUILDING SYSTEM AND METHOD</p> <hr/> <p>(71) Kognatoz Pte Ltd (21) 2023902549 (22) 11.08.2023 (54) Composition</p> <hr/> <p>(71) Macfarlane Burnet Institute for Medical Research and Public Health Limited (21) 2023902599 (22) 15.08.2023 (54) Vaccine Antigen</p> <hr/> <p>(71) Macfarlane Burnet Institute for Medical Research and Public Health Limited (21) 2023902600 (22) 15.08.2023 (54) Ribonucleic acid</p> <hr/> <p>(71) Madad Pty Ltd (21) 2023902586 (22) 15.08.2023 (54) Glue-Free mattress construction</p> <hr/> <p>MAHENDRAN, P. see FONTERRA CO-OPERATIVE GROUP LIMITED (21) 2023902577</p> <hr/> <p>(71) Mangone, F. (21) 2023902581 (22) 14.08.2023 (54) drinking water bottle</p> <hr/> <p>(71) Mason, J. (21) 2023902553 (22) 11.08.2023 (54) THREE-PIECE MOUNT</p> <hr/> <p>(71) Monash University (21) 2023902576 (22) 14.08.2023 (54) COMPOSITIONS AND METHODS FOR PRODUCING A CELLULOSIC COATING</p> <hr/> <p>(71) NewSouth Innovations Pty Limited (21) 2023902538 (22) 10.08.2023 (54) Solution processable phenolic encapsulation of articles</p> <hr/> <p>(71) NewSouth Innovations Pty Limited (21) 2023902558 (22) 11.08.2023 (54) Ultrasensitive CRISPR biosensors assisted by nucleic acid mediators</p> <hr/> <p>(71) NewSouth Innovations Pty Limited (21) 2023902596 (22) 15.08.2023 (54) Noise Cancellation in recording systems</p>	<p>(71) Norwood Systems Pty Ltd (21) 2023902545 (22) 10.08.2023 (54) A CLONED VOICE DETECTION SYSTEM</p> <hr/> <p>(71) NTHALMIC HOLDING PTY LTD (21) 2023902529 (22) 10.08.2023 (54) A Contact Lens for Myopia Management</p> <hr/> <p>(71) NTHALMIC HOLDING PTY LTD (21) 2023902530 (22) 10.08.2023 (54) A Spectacle Lens for Myopia</p> <hr/> <p>(71) NTHALMIC HOLDING PTY LTD (21) 2023902531 (22) 10.08.2023 (54) A Multi-Zone Spectacle Lens for Myopia Management</p> <hr/> <p>(71) NTHALMIC HOLDING PTY LTD (21) 2023902532 (22) 10.08.2023 (54) Gaming devices, methods, and apparatus for myopia management.</p> <hr/> <p>(71) Nu-Phase Electrical & Air (21) 2023902578 (22) 14.08.2023 (54) Adaptor kit for distribution chassis</p> <hr/> <p>(71) Pashley, R. (21) 2023902566 (22) 13.08.2023 (54) Novel, low energy, regeneration of mixed bed ion exchange resins for seawater desalination</p> <hr/> <p>(71) Pienaar, R. (21) 2023902543 (22) 10.08.2023 (54) A CONTROL SYSTEM FOR AN AIRCRAFT AND METHOD</p> <hr/> <p>(71) Planet Protector Packaging Pty Ltd (21) 2023902536 (22) 10.08.2023 (54) Insulating packaging bag</p> <hr/> <p>(71) Plotlogic Pty Ltd (21) 2023902587 (22) 15.08.2023 (54) A mine borehole sensor probe</p> <hr/> <p>ResMed Asia Pte. Ltd. see ResMed Pty Ltd (21) 2023902537</p> <hr/> <p>(71) ResMed Pty Ltd; ResMed Asia Pte. Ltd. (21) 2023902537 (22) 10.08.2023 (54) Patient Interface System</p> <hr/> <p>(71) Royal Melbourne Institute of Technology (21) 2023902580 (22) 14.08.2023 (54) Electrophysiological sensor and method of detecting electrophysiological signals</p>
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Provisional Applications Filed - Name Index cont'd

(71) SCOTT, B.
 (21) 2023902540 (22) 10.08.2023
 (54) An animal relaxation aid

(71) Seminal One Pty Ltd
 (21) 2023902548 (22) 11.08.2023
 (54) Methods and systems for determining similarities between media

(71) Spark, I.; Appuhamillage, G.
 (21) 2023902565 (22) 13.08.2023
 (54) Improved Articulated Vehicle

(71) Steminent Biotherapeutics Inc.
 (21) 2023902528 (22) 10.08.2023
 (54) Modified Mesenchymal Stem Cells and uses thereof

(71) Stuart & Melinda Investments Pty Ltd
 (21) 2023902547 (22) 10.08.2023
 (54) MERCHANDISE DISPLAY SYSTEM

(71) Sumitomo Chemical Australia Pty Ltd
 (21) 2023902533 (22) 10.08.2023
 (54) Aerosol actuator

(71) The Bionics Institute of Australia
 (21) 2023902574 (22) 14.08.2023
 (54) A Fusion Protein

(71) The Nourished Cycle Australia Pty Ltd
 (21) 2023902554 (22) 11.08.2023
 (54) Menstrual cup

(71) THE TRADE PAD PTY LTD
 (21) 2023902584 (22) 15.08.2023
 (54) Dry-erase board

(71) The University of Adelaide
 (21) 2023902544 (22) 10.08.2023
 (54) SEPARATION OF MINERALS

The University of Melbourne see CSL Innovation Pty Ltd
 (21) 2023902567

(71) The University of Queensland
 (21) 2023902535 (22) 10.08.2023
 (54) Microfibrillated cellulose from non-wood plant biomass

(71) Tomic, D.
 (21) 2023902562 (22) 12.08.2023
 (54) Encapsulated toothpaste formulation and a dispensing assembly adapted for dispensing encapsulated toothpaste.

(71) Vaughan, S.
 (21) 2023902542 (22) 10.08.2023
 (54) MODULAR EXOSTRUCTURE & SLIDING HORIZONTAL AND VERTICAL CARRIERS FOR SHADE CLOTH AND OTHER SUBSTRATES

(71) Verve InfoTec Pty Ltd
 (21) 2023902571 (22) 14.08.2023
 (54) Cycle crank sensing arrangement

(71) Verve InfoTec Pty Ltd
 (21) 2023902572 (22) 14.08.2023
 (54) Housing for cycle crank sensing arrangement

(71) VIRIDIAN LITHIUM S.A.S
 (21) 2023902594 (22) 15.08.2023
 (54) A Process for Producing a Lithium Salt

(71) VIRIDIAN LITHIUM S.A.S
 (21) 2023902595 (22) 15.08.2023
 (54) A Process for Purifying a Lithium Salt

(71) Visionary Machines Pty Ltd
 (21) 2023902496 (22) 07.08.2023
 (54) SYSTEMS AND METHODS FOR CREATING A VIRTUAL INERTIAL NAVIGATION SENSOR

(71) WIREMAN PTY LIMITED
 (21) 2023902588 (22) 15.08.2023
 (54) A Tension Board for Straining Wire Meshes

(71) XORIA LIMITED
 (21) 2023902589 (22) 15.08.2023
 (54) A STORAGE CABINET

(71) XORIA LIMITED
 (21) 2023902590 (22) 15.08.2023
 (54) SYSTEM AND METHOD FOR INVENTORY MANAGEMENT

(71) Yakima Australia Pty Ltd
 (21) 2023902570 (22) 14.08.2023
 (54) A VEHICLE ROOFTOP RACK ASSEMBLY

(71) Zhang, D.
 (21) 2023902583 (22) 15.08.2023
 (54) Leduo Planting Watering System

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2023902496	Visionary Machines Pty Ltd	2023902585	Anderson, R.
2023902519	ACG Australia Group Pty Ltd	2023902586	Madad Pty Ltd
2023902520	Bio-Gene Technology Limited	2023902587	Plotlogic Pty Ltd
2023902521	Breville Pty Limited	2023902588	WIREMAN PTY LIMITED
2023902522	Harrison, H.	2023902589	XORIA LIMITED
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2023902525	Kaplan, D.	2023902592	Imtrade Australia Pty Ltd
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2023902528	Steminent Biotherapeutics Inc.	2023902595	VIRIDIAN LITHIUM S.A.S
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2023902530	NTHALMIC HOLDING PTY LTD	2023902597	Engineering & Industrial Solutions Group Pty Ltd
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2023902533	Sumitomo Chemical Australia Pty Ltd	2023902600	Macfarlane Burnet Institute for Medical Research and Public Health Limited
2023902534	Hason, A.		
2023902535	The University of Queensland		
2023902536	Planet Protector Packaging Pty Ltd		
2023902537	ResMed Pty Ltd; ResMed Asia Pte. Ltd.		
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2023902559	CANVAS IP PTY LTD		
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2023902561	Haas, D.		
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2023902565	Spark, I.; Appuhamillage, G.		
2023902566	Pashley, R.		
2023902567	CSL Innovation Pty Ltd; The University of Melbourne		
2023902568	DIGITALSURFING PTY LTD		
2023902569	Cloudy Bay Vineyards Limited		
2023902570	Yakima Australia Pty Ltd		
2023902571	Verve InfoTec Pty Ltd		
2023902572	Verve InfoTec Pty Ltd		
2023902573	AUSTRALIAN NATIONAL UNIVERSITY		
2023902574	The Bionics Institute of Australia		
2023902575	Hannon-Tan, J.		
2023902576	Monash University		
2023902577	FONTERRA CO-OPERATIVE GROUP LIMITED; MA-HENDRAN, P.		
2023902578	Nu-Phase Electrical & Air		
2023902579	Commonwealth Scientific and Industrial Research Organisation		
2023902580	Royal Melbourne Institute of Technology		
2023902581	Mangone, F.		
2023902582	Cortese, F.		
2023902583	Zhang, D.		
2023902584	THE TRADE PAD PTY LTD		

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Applications listed below were processed through the Patent Office Canberra during the period ending 8 Aug 2023 .

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

<hr/> <p>(71) Abiomed, Inc. (21) 2023214339 (22) 11.08.2023 (54) Heart pump with passive purge system (62) 2017378806</p> <hr/> <p>Abiomed, Inc. see Oscor, Inc. (21) 2023214347</p> <hr/> <p>(71) Adobe Inc. (21) 2023214209 (22) 07.08.2023 (54) GENERATING STYLIZED GLYPHS USING GENERATIVE AI (31) 63/379,892 (32) 17.10.22 (33) US 18/318,567 16.05.23 US</p> <hr/> <p>(71) Adobe Inc. (21) 2023214214 (22) 07.08.2023 (54) CONTENT VELOCITY AND HYPER-PERSONALIZATION USING GENERATIVE AI (31) 63/416,874 (32) 17.10.22 (33) US 18/306,048 24.04.23 US</p> <hr/> <p>(71) Adobe Inc. (21) 2023214217 (22) 07.08.2023 (54) TARGET SCENE COMPOSITION USING GENERATIVE AI (31) 63/416,882 (32) 17.10.22 (33) US 18/322,073 25.05.23 US</p> <hr/> <p>(71) Afterpay Limited (21) 2023214219 (22) 07.08.2023 (54) Integration of multi-user interactions using data linkage (31) 17/884,874 (32) 10.08.22 (33) US</p> <hr/> <p>(71) AIR PRODUCTS AND CHEMICALS, INC. (21) 2023214274 (22) 09.08.2023 (54) METHOD AND SYSTEM FOR LOAD CONTROL OF RECIPROCATING COMPRESSORS (31) 17/886,574 (32) 12.08.22 (33) US</p> <hr/> <p>(71) AIR PRODUCTS AND CHEMICALS, INC. (21) 2023214275 (22) 09.08.2023 (54) METHOD AND SYSTEM FOR CONTROLLING PRODUCTION AND STORAGE OF INDUSTRIAL GASES (31) 17/886,562 (32) 12.08.22 (33) US</p>	<hr/> <p>(71) Apple Inc. (21) 2023212604 (22) 07.08.2023 (54) User interfaces for managing audio exposure (62) 2022202459</p> <hr/> <p>(71) Apple Inc. (21) 2023212966 (22) 07.08.2023 (54) User interface for loyalty accounts and private label accounts for a wearable device (62) 2021245142</p> <hr/> <p>(71) Apple Inc. (21) 2023213252 (22) 07.08.2023 (54) Embedded authentication systems in an electronic device (62) 2022206826</p> <hr/> <p>(71) Aristocrat Technologies, Inc. (21) 2023211973 (22) 07.08.2023 (54) SYSTEMS AND METHODS FOR CONSOLIDATING SYMBOLS IN ELECTRONIC GAMING (31) 17/956,339 (32) 29.09.22 (33) US</p> <hr/> <p>(71) Aristocrat Technologies, Inc. (21) 2023212042 (22) 07.08.2023 (54) ELECTRONIC ACCOUNT TRANSFERS IN CASINO ENVIRONMENTS (31) 17/958,117 (32) 30.09.22 (33) US</p> <hr/> <p>(71) Aristocrat Technologies, Inc. (21) 2023212203 (22) 07.08.2023 (54) ELECTRONIC ACCOUNT TRANSFERS IN CASINO ENVIRONMENTS (31) 17/958,109 (32) 30.09.22 (33) US</p> <hr/> <p>(71) Aristocrat Technologies, Inc. (21) 2023212362 (22) 07.08.2023 (54) CONTROLLING VOLATILITY AND RETURN TO PLAYER IN EXPANDED HOLD-AND-SPIN FEATURES (31) 17/955,272 (32) 28.09.22 (33) US</p> <hr/> <p>(71) Aristocrat Technologies, Inc. (21) 2023214236 (22) 08.08.2023 (54) ELECTRONIC GAMING SYSTEMS AND METHODS WITH A WHEEL BO-</p>	<p>NUS FEATURE AND PICK FEATURE ENHANCEMENTS (31) 18/066,838 (32) 15.12.22 (33) US 63/374,471 02.09.22 US</p> <hr/> <p>(71) Aristocrat Technologies, Inc. (21) 2023214252 (22) 08.08.2023 (54) Augmented Reality Reward Game (31) 18/364,986 (32) 03.08.23 (33) US 63/398,043 15.08.22 US</p> <hr/> <p>(71) Aristocrat Technologies, Inc. (21) 2023214253 (22) 08.08.2023 (54) BARTOP GAMING DEVICE INCLUDING A LIFT ASSEMBLY FOR A BUTT-ON DECK (31) 18/350,652 (32) 11.07.23 (33) US 63/375,654 14.09.22 US</p> <hr/> <p>(71) Aristocrat Technologies, Inc. (21) 2023214254 (22) 08.08.2023 (54) ELECTRONIC GAMING SYSTEMS AND METHODS WITH PERSISTENT GAME TIERS (31) 17/957,859 (32) 30.09.22 (33) US 63/375,506 13.09.22 US</p> <hr/> <p>(71) Aristocrat Technologies, Inc. (21) 2023214255 (22) 08.08.2023 (54) ELECTRONIC GAMING SYSTEMS AND METHODS FOR PROVIDING INTERVAL TRIGGERS AND TIERED AWARDS (31) 18/350,645 (32) 11.07.23 (33) US 63/411,396 29.09.22 US</p> <hr/> <p>(71) Aristocrat Technologies, Inc. (21) 2023214256 (22) 08.08.2023 (54) GENERATING RANDOM GAME OUTCOMES DURING REEL SPINS (31) 18/224,855 (32) 21.07.23 (33) US 63/412,089 30.09.22 US</p> <hr/> <p>(71) Aristocrat Technologies, Inc. (21) 2023214257 (22) 08.08.2023 (54) ELECTRONIC GAMING SYSTEMS AND METHODS WITH MIXING AND MATCHING MULTIPLE METAMORPHICS AND BONUS GAME PICK FEATURE ENHANCEMENTS (31) 18/222,812 (32) 17.07.23 (33) US 63/375,183 09.09.22 US</p>
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(71) Aristocrat Technologies, Inc.
(21) 2023214258 (22) 08.08.2023
(54) STATE DETERMINED PERSISTENCE
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(31) 17/956,317 (32) 29.09.22 (33) US

(71) Aristocrat Technologies, Inc.
(21) 2023214259 (22) 08.08.2023
(54) ELECTRONIC GAMING SYSTEMS
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(31) 17/957,764 (32) 30.09.22 (33) US

(71) Aristocrat Technologies, Inc.
(21) 2023214286 (22) 09.08.2023
(54) LONG TERM PERSISTENCE FEA-
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(71) Aristocrat Technologies, Inc.
(21) 2023214287 (22) 09.08.2023
(54) SYSTEMS AND METHODS FOR DY-
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(31) 17/957,838 (32) 30.09.22 (33) US

(71) Aristocrat Technologies, Inc.
(21) 2023214335 (22) 10.08.2023
(54) FLEXIBLE PROGRESSIVE JACKPOT
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(31) 18/231,072 (32) 07.08.23 (33) US
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(71) Aristocrat Technologies, Inc.
(21) 2023214336 (22) 10.08.2023
(54) Electronic Gaming Device and System
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(31) 17/958,226 (32) 30.09.22 (33) US

(71) Aristocrat Technologies Australia Pty
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(21) 2023214325 (22) 10.08.2023
(54) GAMING DEVICE WITH OVERLAY
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(71) AstraZeneca AB
(21) 2023214323 (22) 10.08.2023
(54) METHODS FOR IMPROVING
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(62) 2020202564

(71) Avid Technology Inc.
(21) 2023214276 (22) 09.08.2023
(54) Finding the semantic region of interest
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(31) 17/884607 (32) 10.08.22 (33) US

(71) B1 INSTITUTE OF IMAGE TECHNO-
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(21) 2023214310 (22) 10.08.2023
(54) Image data encoding/decoding method
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(62) 2022228227

(71) B1 INSTITUTE OF IMAGE TECHNO-
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(21) 2023214311 (22) 10.08.2023
(54) Image data encoding/decoding method
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(62) 2022228227

(71) B1 INSTITUTE OF IMAGE TECHNO-
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(21) 2023214313 (22) 10.08.2023
(54) Image data encoding/decoding method
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(62) 2022228227

(71) B1 INSTITUTE OF IMAGE TECHNO-
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(21) 2023214314 (22) 10.08.2023
(54) Image data encoding/decoding method
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(62) 2022228227

(71) B1 INSTITUTE OF IMAGE TECHNO-
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(21) 2023214315 (22) 10.08.2023
(54) Image data encoding/decoding method
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(62) 2022228227

(71) Beijing Baidu Netcom Science Techno-
logy Co., Ltd.
(21) 2023214208 (22) 07.08.2023
(54) Quantum noise cancellation method
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(31) 202210952347.0 (32) 09.08.22 (33) CN

(71) Beijing Tusen Zhitu Technology Co.,
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(21) 2023214207 (22) 07.08.2023
(54) Memory case and server
(31) 202222115213.1 (32) 11.08.22 (33) CN

(71) Block, Inc.
(21) 2023214300 (22) 10.08.2023
(54) Application programming interfaces for
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(62) 2018395924

(71) Bluebeam, Inc.
(21) 2023214247 (22) 08.08.2023
(54) Systems and methods for displaying a
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mensional space
(31) 17/892,937 (32) 22.08.22 (33) US

(71) Boston Scientific Scimed, Inc.
(21) 2023214295 (22) 10.08.2023
(54) Laser systems and methods
(62) 2018288649

(71) Boston Scientific Scimed, Inc.
(21) 2023214320 (22) 10.08.2023
(54) System and method for endoscopic
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(62) 2020352836

(71) BrainChip, Inc.
(21) 2023214246 (22) 08.08.2023
(54) EVENT-BASED EXTRACTION OF
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(62) 2022203607

(71) Bushbuck Limited
(21) 2023214282 (22) 09.08.2023
(54) INFLATABLE AIR BEAM ANNEX AND
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(31) 17883611 (32) 09.08.22 (33) US

(71) CaaMTech, Inc.
(21) 2023214210 (22) 07.08.2023
(54) Crystalline norpsilocin compounds
(62) 2021237646

(71) CaaMTech, Inc.
(21) 2023214213 (22) 07.08.2023
(54) Crystalline bis-miprocin fumarate
(62) 2021225947

(71) Canon Kabushiki Kaisha
(21) 2023214329 (22) 10.08.2023
(54) Developer supply container and de-
veloper supplying system
(62) 2021212027

(71) CATERPILLAR INC.
(21) 2023214318 (22) 10.08.2023
(54) SCREEN ASSEMBLY
(31) 17/889,657 (32) 17.08.22 (33) US

(71) Cheng Shin Rubber Ind. Co., Ltd.
(21) 2023214220 (22) 07.08.2023
(54) Structure for enhancing sidewall mark-
ing contrast and tire with the same
(31) 111129923 (32) 09.08.22 (33) TW

(71) Chierchia, I.
(21) 2023214285 (22) 09.08.2023
(54) Interactive studying tool for students

(71) Children's Medical Center Corporation
(21) 2023214288 (22) 09.08.2023
(54) MATERIALS AND METHODS FOR
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(62) 2018215785

(71) China Wonderland Nurserygoods Co., Ltd.

(21) 2023214241 (22) 08.08.2023

(54) Baby Bed

(62) 2019382420

(71) Composecure, LLC

(21) 2023214218 (22) 07.08.2023

(54) METAL, CERAMIC, OR CERAMIC-COATED TRANSACTION CARD WITH WINDOW OR WINDOW PATTERN AND OPTIONAL BACKLIGHTING

(62) 2021211627

(71) ConMed Corporation

(21) 2023214280 (22) 09.08.2023

(54) Locking suture construct

(62) 2021218168

(71) Crane & Co., Inc.

(21) 2023214324 (22) 10.08.2023

(54) Fully micro-optic security document

(62) 2019340383

(71) CRISI Medical Systems, Inc.

(21) 2023214293 (22) 10.08.2023

(54) Flow sensor system with absorber

(62) 2021209331

(71) CSG PTY LTD

(21) 2023214278 (22) 09.08.2023

(54) Power Outlet Socket Sensor Switch

(62) 2021218008

(71) David Dowd

(21) 2023214225 (22) 07.08.2023

(54) Adhesive Tape with Guide Markings for Decking and Related Industries

(71) Deere & Company

(21) 2023214328 (22) 10.08.2023

(54) Furrow visualization

(31) 17/949852 (32) 21.09.22 (33) US

(71) DEKA Products Limited Partnership

(21) 2023214260 (22) 09.08.2023

(54) HEMODIALYSIS SYSTEM

(62) 2021202618

(71) Dolby Laboratories Licensing Corporation

(21) 2023214301 (22) 10.08.2023

(54) System and tools for enhanced 3D audio authoring and rendering

(62) 2022203984

(71) Editas Medicine, Inc.

(21) 2023214243 (22) 08.08.2023

(54) CRISPR/CAS-related methods and compositions for treatment of beta hemoglobinopathies

(62) 2017235333

(71) Electrolux Appliances Aktiebolag

(21) 2023214238 (22) 08.08.2023

(54) OVEN

(31) 22200315.4 (32) 07.10.22 (33) EP

(71) Eli Lilly and Company

(21) 2023214330 (22) 10.08.2023

(54) Closed loop control of physiological glucose

(62) 2021202523

(71) Felicite Therapeutics, Inc.

(21) 2023214240 (22) 08.08.2023

(54) Combinations for the treatment of neoplasms using quiescent cell targeting and inhibitors of mitosis

(62) 2017248807

(71) FISHER & PAYKEL HEALTHCARE LIMITED

(21) 2023214297 (22) 10.08.2023

(54) RESPIRATORY GAS THERAPY

(62) 2021201341

(71) FMC CORPORATION

(21) 2023214309 (22) 10.08.2023

(54) USE OF SAFENERS WITH PPO INHIBITOR HERBICIDES

(62) 2021204658

(71) Fox Sports Productions, LLC

(21) 2023214321 (22) 10.08.2023

(54) System, method and interface for viewer interaction relative to a 3D representation of a vehicle

(62) 2021212032

(71) General Mills, Inc.

(21) 2023214239 (22) 08.08.2023

(54) Low sugar, high protein confection

(62) 2020439411

(71) Gen-Probe Incorporated

(21) 2023214231 (22) 08.08.2023

(54) System for mixing contents of containers and related methods of use

(62) 2018237575

(71) Gough Industries Pty. Ltd.

(21) 2023214224 (22) 07.08.2023

(54) A ROOF ASSEMBLY FOR A STOCK FEEDER

(31) 2022902409 (32) 23.08.22 (33) AU

(71) Hai Robotics Co., Ltd.

(21) 2023214308 (22) 10.08.2023

(54) Handling robot and method for retrieving inventory item based on handling robot

(62) 2021266330

(71) Hazero Limited

(21) 2023214290 (22) 10.08.2023

(54) Modular Dangerous Goods Cabinet and Methods of Assembly

(31) NZ791188 (32) 10.08.22 (33) NZ

(71) Holobeam Technologies Inc.

(21) 2023214215 (22) 07.08.2023

(54) Precision Delivery of Angularly Separate Beams of Energy Utilizing Holographic Energy Teleportation (HET) with Time-Correlated Standing-Wave Interference and Coherent Intensity Amplification

(62) 2019271227

(71) HONEYWELL INTERNATIONAL INC.

(21) 2023214316 (22) 10.08.2023

(54) ALARM ANALYTICS - PRESENTATION & APPLICATION METHODS FOR PRESCRIPTIVE RECOMMENDATIONS OF CONFIGURATION PARAMETERS FOR INDUSTRIAL PROCESS ALARMS

(31) 202211046469 (32) 16.08.22 (33) IN 18/355822 20.07.23 US

(71) Huawei Technologies Co., Ltd.

(21) 2023214281 (22) 09.08.2023

(54) VIDEO PROCESSING METHOD, VIDEO PROCESSING APPARATUS, ENCODER, DECODER, MEDIUM AND COMPUTER PROGRAM

(62) 2019316899

(71) Huawei Technologies Co., Ltd.

(21) 2023214322 (22) 10.08.2023

(54) METHOD AND APPARATUS FOR IMAGE FILTERING WITH ADAPTIVE MULTIPLIER COEFFICIENTS

(62) 2018412414

(71) Hydreco Hydraulics Pty Ltd

(21) 2023214289 (22) 09.08.2023

(54) Hose Protection Valve Assembly

(31) 2022902260 (32) 10.08.22 (33) AU

(71) Innovative Dehumidifier Systems LLC

(21) 2023214291 (22) 10.08.2023

(54) IN-WALL AND ON-WALL DEHUMIDIFIER WITH INTEGRATED BI-POLAR ION GENERATOR

(31) 17/984,111 (32) 09.11.22 (33) US

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(71) Intuit Inc.
(21) 2023214211 (22) 07.08.2023
(54) Input validation using mathematical expressions
(31) 17/978,193 (32) 31.10.22 (33) US

(71) Intuit Inc.
(21) 2023214216 (22) 07.08.2023
(54) Framework for machine guidance
(31) 17/958,278 (32) 30.09.22 (33) US

(71) Intuit Inc.
(21) 2023214221 (22) 07.08.2023
(54) Detection of blanks in documents
(31) 18/104,257 (32) 31.01.23 (33) US

(71) Janus Electric Pty Ltd
(21) 2023214346 (22) 11.08.2023
(54) Electric vehicle power pack module
(62) 2022348890

(71) KABUSHIKI KAISHA TOSHIBA
(21) 2023214292 (22) 10.08.2023
(54) Dynamic Image Decoding Device
(62) 2022201795

(71) KDB INTELLECTUAL PTY LTD
(21) 2023214223 (22) 07.08.2023
(54) MULTI-LOCK AND METHOD OF USE
(62) 2022252743

(71) LAA INDUSTRIES PTY LTD
(21) 2023214334 (22) 10.08.2023
(54) ELECTROMECHANICAL METHOD FOR PRODUCING VARIABLE VOLTAGE, VARIABLE FREQUENCY (VVVF) POWER SUPPLY FOR VARYING THE SPEED OF AC MOTORS
(62) 2021203584

(71) Lam, T.T.
(21) 2023214226 (22) 07.08.2023
(54) COAXIAL MAGNETIC CONTINUOUS VARIABLE TRANSMISSION
(31) 2023902148 (32) 04.07.23 (33) AU

(71) Lam, T.T.
(21) 2023214227 (22) 07.08.2023
(54) MULTIPLE COAXIAL MAGNETIC CONTINUOUS VARIABLE TRANSMISSION
(31) 2023902148 (32) 04.07.23 (33) AU

(71) Lam, T.T.
(21) 2023214228 (22) 07.08.2023
(54) BEVELLED MAGNETIC CONTINUOUS VARIABLE TRANSMISSION
(31) 2023902148 (32) 04.07.23 (33) AU

(71) Lam, T.T.
(21) 2023214229 (22) 07.08.2023

(54) MULTIPLE BEVELLED MAGNETIC CONTINUOUS VARIABLE TRANSMISSION
(31) 2023902148 (32) 04.07.23 (33) AU

(71) LG Electronics Inc.
(21) 2023211723 (22) 07.08.2023
(54) REFRIGERATOR
(62) 2019355675

(71) LG Electronics Inc.
(21) 2023214235 (22) 08.08.2023
(54) REFRIGERATOR
(62) 2019353490

(71) LG Electronics Inc.
(21) 2023214251 (22) 08.08.2023
(54) Dryer
(62) 2019386525

(71) LG Electronics Inc.
(21) 2023214332 (22) 10.08.2023
(54) INTRA BLOCK CODING-BASED VIDEO OR IMAGE CODING
(62) 2020232109

(71) Lightforce USA, Inc., D/B/A Nightforce Optics, Inc.
(21) 2023214264 (22) 09.08.2023
(54) Erector cam
(62) 2018271958

(71) Lynk Global, Inc.
(21) 2023214345 (22) 11.08.2023
(54) Method and apparatus for handling communications between spacecraft operating in an orbital environment and terrestrial telecommunications devices that use terrestrial base station communications
(62) 2021240280

(71) Magic Leap, Inc.
(21) 2023214273 (22) 09.08.2023
(54) Imaging modification, display and visualization using augmented and virtual reality eyewear
(62) 2022252723

(71) MAMMOTH INDUSTRIES PTY LTD
(21) 2023214331 (22) 10.08.2023
(54) REVERSIBLE BIFOLD DOOR ROLLER ASSEMBLY
(31) 2022902822 (32) 29.09.22 (33) AU

(71) Marvel Fusion GmbH
(21) 2023214317 (22) 10.08.2023
(54) HIGH-ENERGY HIGH-POWER DIODE PUMPED BROADBAND LASER
(31) EP22190323 (32) 12.08.22 (33) EP

(71) Medikine, Inc.
(21) 2023214299 (22) 10.08.2023
(54) Dual IL-2R and IL-7R binding compounds
(62) 2020378282

(71) MKPro Engineering Pty Ltd
(21) 2023214245 (22) 08.08.2023
(54) Method for an alkali-based reaction

(71) ModernaTX, Inc.
(21) 2023214237 (22) 08.08.2023
(54) MODIFIED POLYNUCLEOTIDES FOR THE PRODUCTION OF BIOLOGICS AND PROTEINS ASSOCIATED WITH HUMAN DISEASE
(62) 2021200507

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(71) Nepean Conveyors Pty Ltd
(21) 2023214343 (22) 11.08.2023
(54) CONVEYOR MODULE, CONVEYOR ASSEMBLY, AND METHOD OF INSTALLING A CONVEYOR ASSEMBLY
(62) 2017358063

(71) Nevro Corporation
(21) 2023214232 (22) 08.08.2023
(54) MOLDED HEADERS FOR IMPLANTABLE SIGNAL GENERATORS, AND ASSOCIATED SYSTEMS AND METHODS
(62) 2021202659

(71) Nicoventures Trading Limited
(21) 2023214333 (22) 10.08.2023
(54) Aerosol provision device
(62) 2020235032

(71) OPUS ONE SOLUTIONS ENERGY CORP
(21) 2023214327 (22) 10.08.2023
(54) Systems and methods for integrated microgrid management system in electric power systems
(62) 2021209298

(71) Orica International Pte Ltd
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(54) Vibration while drilling data processing methods
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(71) Oscor, Inc.; Abiomed, Inc.
(21) 2023214347 (22) 11.08.2023
(54) Overmold technique for peel-away introducer design
(62) 2017373953

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(71) PELL Bio-Med Technology Co., Ltd.
(21) 2023214249 **(22)** 08.08.2023
(54) METHOD FOR PRODUCING HUMAN CHIMERIC ANTIGEN RECEPTOR T-CELL POPULATION ENRICHED WITH STEM CELL-LIKE MEMORY T-CELLS
(31) 111142071 **(32)** 03.11.22 **(33)** TW

(71) Pfizer Inc.
(21) 2023214269 **(22)** 09.08.2023
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(62) 2021202522

(71) Pipeline Medical Technologies, Inc.
(21) 2023214277 **(22)** 09.08.2023
(54) Method and apparatus for transvascular implantation of neo chordae tendinae
(62) 2017388857

(71) Pure Scientific Technologies, Inc.
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(71) Radux Devices, LLC
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(71) Raven Industries, Inc.
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(54) Valve control system and method
(62) 2020357581

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(71) RELIANCE INDUSTRIES LIMITED
(21) 2023214342 **(22)** 11.08.2023
(54) A SYSTEM, AND A METHOD FOR ALGAL CULTIVATION
(31) 202221047385 **(32)** 19.08.22 **(33)** IN

(71) Samay, Inc.
(21) 2023214271 **(22)** 09.08.2023
(54) Systems, devices, and methods for performing active auscultation and detecting sonic energy measurements
(62) 2019260788

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(21) 2023214306 **(22)** 10.08.2023
(54) Epicardial-derived paracrine factors for repairing cardiac tissue
(62) 2020204541

(71) Schlumberger Technology B.V.
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(54) Multiphase flow simulator sub-modeling
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(71) Schneider Electric Systems USA, Inc.
(21) 2023214338 **(22)** 11.08.2023
(54) OPTIMIZED PLANT OPERATING REGION AND ALARM LIMIT ADVISORY
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(71) Snap-on Incorporated
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(71) SRI International
(21) 2023214340 **(22)** 11.08.2023
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(62) 2018250317

(71) ST. JUDE CHILDREN'S RESEARCH HOSPITAL, INC.; NATIONAL UNIVERSITY OF SINGAPORE
(21) 2023214279 **(22)** 09.08.2023
(54) Modified natural killer cells and uses thereof
(62) 2021203276

(71) Stryker Corporation
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(54) Patient support apparatus with caregiver reminders
(62) 2021250956

(71) Syros Pharmaceuticals, Inc.
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(54) High surface-area lyophilized compositions comprising arsenic for oral administration in patients
(62) 2021203752

(71) Taylor, A.
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(54) A Structural Assembly

(71) Terex South Dakota, Inc.
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(54) Safety device for mobile work platforms
(62) 2017357105

(71) The Crucible Group IP Pty Ltd
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(62) 2017320469

(71) The General Hospital Corporation
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(54) INJECTABLE SLURRIES AND METHODS OF MANUFACTURING AND USING THE SAME
(62) 2021200481

(71) Titan Trailers Inc.
(21) 2023214296 **(22)** 10.08.2023
(54) Quasi-cylindrical cargo container and construction
(62) 2022252824

(71) Transportation IP Holdings, LLC
(21) 2023214266 **(22)** 09.08.2023
(54) DIAGNOSTIC SYSTEM AND METHOD
(31) 63/398,409 **(32)** 16.08.22 **(33)** US
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(71) Transportation IP Holdings, LLC
(21) 2023214298 **(22)** 10.08.2023
(54) VEHICLE SAFETY SYSTEM AND METHOD
(31) 63/404,009 **(32)** 06.09.22 **(33)** US
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(71) Tulavi Therapeutics, Inc.
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(62) 2017290353

(71) VACREST PTY LTD
(21) 2023214263 **(22)** 09.08.2023
(54) A system for providing a continuous stream of foamed cement product and a Mixing and Pump Apparatus, System and an Associated Method for Providing a Stream of Foamed Cement Material
(62) 2021205019

(71) VentureMed Group, Inc.
(21) 2023214268 **(22)** 09.08.2023
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(31) 17/886,824 **(32)** 12.08.22 **(33)** US

(71) Verastem, Inc.
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(62) 2021202379

(71) ViaSat, Inc.

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(54) A METHOD FOR CREATING A FOR-
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(71) VK Meditech Co Ltd

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(31) 202310737770.3 (32) 21.06.23 (33) CN

(71) Weichai Lovol Intelligent Agricultural
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(21) 2023214212 (22) 07.08.2023

(54) Double-roller dual-gear transmission
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(31) 202211332311.9 (32) 28.10.22 (33) CN

(71) Weichai Lovol Intelligent Agricultural
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(21) 2023214244 (22) 08.08.2023

(54) Grain combine harvester

(31) 202211334784.2 (32) 28.10.22 (33) CN

(71) YETI Coolers, LLC

(21) 2023214294 (22) 10.08.2023

(54) Container with magnetic closure

(62) 2020232017

(71) Zhonggui Construction Co., LTD

(21) 2023214250 (22) 08.08.2023

(54) Pit corner design method for reducing
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(31) 202211538168.9 (32) 02.12.22 (33) CN

(71) ZTE CORPORATION

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(62) 2021356421

(71) Zymeworks BC Inc.

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(54) Antigen-binding polypeptide constructs
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(62) 2016334063

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Applications listed below were processed through the Patent Office Canberra during the period ending 8 Aug 2023 .
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

(71) Aldridge Traffic Systems Pty Ltd
(21) 2023100075 **(22)** 10.08.2023
(54) LIGHT EMITTING DIODE (LED) LU-
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(62) 2023200247

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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
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9	Application Lapsed Section 142(3)
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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
15	Patent Ceased Section 143(b)
16	Application Refused
17	Application Lapsed Reg. 22.2B(2)
18	Application Lapsed Reg. 3.2B(3),(5) or (6)
20	Patent Ceased Section 143A(b)/Reg. 22.2D(2) or (4)
21	Patent Ceased Section 101C(b)/Section 143A(c)/Reg. 9A.4
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28	Application Lapsed Reg. 22.15A(3)
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B	Applications on which a direction to request examination has been given
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 2018100654 (22E) 2018100656 (22E) 2018100657 (22E)
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2019200594 (14) 2019200601 (25D) 2019200636 (14)
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 2021378075 (7A)

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 2023203176 (7AN) 2023203841 (12CN) 2023204011 (12A)
 2023204709 (12CN)

Assignments before Grant, Section 113

2017

2017369971 Oculis SA The application has been assigned to **Oculis Operations Sàrl**

2018

2018222746 Sweetwater Energy, Inc. The application has been assigned to **Apalta Patents OÜ**

2018903328 TRiiiON Holdings Pty Ltd The application has been assigned to **NewTRiii Energy Pty Ltd t/a TRiiiON**

2019

2019270975 Foresee Pharmaceuticals USA, Inc. The application has been assigned to **Foresee Pharmaceuticals Co., Ltd**

2019333922 TRiiiON Holdings Pty Ltd The application has been assigned to **NewTRiii Energy Pty Ltd t/a TRiiiON**

2019334253 Beissbarth GmbH The application has been assigned to **Beissbarth Automotive Testing Solutions GmbH**

2019336286 Beissbarth GmbH The application has been assigned to **Beissbarth Automotive Testing Solutions GmbH**

2020

2020298754 Oculis SA The application has been assigned to **Oculis Operations Sàrl**

Assignments before Grant, Section 113

2020409875 CASCAT GmbH The application has been assigned to **ARCHER DANIELS MIDLAND COMPANY**

2021

2021273789 Jiangsu Simcere Pharmaceutical Co., Ltd. The application has been assigned to **Shandong Simcere Biopharmaceutical Co., Ltd.**

2021278260 thyssenkrupp Industrial Solutions AG The application has been assigned to **FLSmith A/S**

2021343369 ASSA ABLOY INC. The application has been assigned to **ASSA ABLOY AUSTRALIA PTY LIMITED**

2021343401 ASSA ABLOY INC. The application has been assigned to **ASSA ABLOY AUSTRALIA PTY LIMITED**

2021346527 ASSA ABLOY INC. The application has been assigned to **ASSA ABLOY AUSTRALIA PTY LIMITED**

2021347522 ASSA ABLOY INC. The application has been assigned to **ASSA ABLOY AUSTRALIA PTY LIMITED**

2021371064 UNIVERSITY OF STRATHCLYDE The application has been assigned to **Aureum Diagnostics Limited**

2021418288 TERMANINI, Zafer The application has been assigned to **Joint Innovation Technology, LLC**

2022

2022203611 Zisman, Lawrence The application has been assigned to **Gilead Sciences, Inc.; Pulmokine, Inc.**

2022902527 Lifehouse Australia; Baker Heart and Diabetes Institute; Scheinberg, Tahlia The application has been assigned to **Lifehouse Australia; Baker Heart and Diabetes Institute**

2023

2023203322 Berg LLC The application has been assigned to **BPG-bio, Inc.**

Extensions of Time, Section 223

Applications Received

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

2017

2017305303 **Gilead Sciences, Inc.** An application to extend the time from 01 Aug 2022 to 01 Jul 2023 in which to pay a renewal fee has been filed . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

2017373740 **Immatics Biotechnologies GmbH** An application to extend the time from 07 Dec 2022 to 07 Jul 2023 in which to pay a renewal fee has been filed . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

Extensions of Time, Section 223

2018

2018102060 **Intellactuate Pty. Ltd.** An application to extend the time from 13 Dec 2022 to 13 Jul 2023 in which to pay a renewal fee has been filed . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2019

2019207463 **Oxford University Innovation Limited** An application to extend the time from 10 Jan 2023 to 10 Aug 2023 in which to pay a continuation fee has been filed . Address for service - Michael Buck IP PO Box 78 Red Hill QLD 4059 AU

2019207800 **QRS Music Technologies, Inc.** An application to extend the time from 10 Jan 2023 to 10 Aug 2023 in which to pay a continuation fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2021

2021254621 **Arizona Board of Regents on Behalf of The University of Arizona** An application to extend the time from 03 Nov 2022 to 03 Jul 2023 in which to pay a continuation fee has been filed . Address for service - Madderns Pty Ltd GPO Box 2752 Adelaide SA 5001 AU

Applications Allowed - Section 223(2)

2008

2008281940 **Intuition Publishing Limited** The time in which to pay a renewal fee has been extended to 04 Jun 2023 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2009

2009213089 **AL-KO International Pty Ltd** The time in which to pay a renewal fee has been extended to 14 May 2023 . Address for service - Phillips Ormonde Fitzpatrick Level 16 333 Collins Street Melbourne VIC 3000 AU

2010

2010227107 **Delta Shelving Systems Pty Ltd** The time in which to pay a renewal fee has been extended to 12 May 2023 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2010279678 **Chimerix, Inc.** The time in which to pay a renewal fee has been extended to 02 Apr 2023 . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2010313273 **Chimerix, Inc.** The time in which to pay a renewal fee has been extended to 29 Mar 2023 . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2015

2015403299 **Proteh Glassdeep Spółka Z Ograniczoną Odpowiedzialnością** The time in which to pay a renewal fee has been extended to 27 Apr 2023 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2017

2017260360 **SiteLock, LLC** The time in which to pay the acceptance fee has been extended to 21 May 2023 . Address for service - AJ PARK GPO Box 3898 Sydney NSW 2001 AU

Extensions of Time, Section 223

2018

2018309614 **Dacosta, A.** The time in which to pay a continuation fee has been extended to 24 Feb 2023 . Address for service - Halfords IP GPO Box 4212 Sydney NSW 2001 AU

2018309617 **Dacosta, A.** The time in which to pay a continuation fee has been extended to 24 Feb 2023 . Address for service - Halfords IP GPO Box 4212 Sydney NSW 2001 AU

2018317931 **Stodulka, A.** The time in which to pay a continuation fee has been extended to 13 May 2023 . Address for service - andrea mario stodulka 99 tralee st Hume ACT 2620 AU

2019

2019101751 **Milwaukee Electric Tool Corporation** The time in which to pay a renewal fee has been extended to 18 Mar 2023 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2021

2021256467 **AIBERRY, INC.** The time in which to enter the National Phase has been extended to 13 May 2023 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2021356527 **CTB, INC.** The time in which to comply with a direction under Reg 3.2A has been extended to 19 Aug 2023 . Address for service - AJ PARK GPO BOX 2513 Sydney NSW 2001 AU

2023

2023201897 **J. Ray McDermott, S.A.** The time in which to make a further application for a divisional patent has been extended to 22 Apr 2023 . Address for service - Griffith Hack Level 15 376-390 Collins St MELBOURNE VIC 3000 AU

Amendments

Applications for Amendment

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

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

2015

2015250760 IGF-1R antibody and its use as addressing vehicle for the treatment of cancer **Pierre Fabre Medicament** The nature of the amendment is as shown in the statement(s) filed 24 Jul 2023 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2016

2016329542 TCR and uses thereof **Ospedale San Raffaele S.r.l. ; Fondazione Centro San Raffaele** The nature of the amendment is

Amendments

as shown in the statement(s) filed 08 Aug 2023 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2017

2017215211 Gene therapy for treating mucopolysaccharidosis type i **The Trustees of The University of Pennsylvania** The nature of the amendment is as shown in the statement(s) filed 03 Aug 2023 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2018

2018213181 Intravenous fluid warming system **SunMed Group Holdings, LLC.** The nature of the amendment is as shown in the statement(s) filed 02 Jun 2023 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2018279309 System and method for smart interaction between website components **Wix.com Ltd.** The nature of the amendment is as shown in the statement(s) filed 04 Aug 2023 . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

2020

2020395741 Substituted imidazolecarboxamide as Bruton's Tyrosine Kinase inhibitors **Henan Zhiwei Biomedicine Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 26 Jul 2023 . Address for service - Adams Pluck PO Box 905 HORNSBY NSW 2077 AU

2021

2021200453 Chimeric antigen receptors targeting BCMA and methods of use thereof **LEGEND BIOTECH IRELAND LIMITED** The nature of the amendment is as shown in the statement(s) filed 26 Jul 2023 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2021215120 DISHWASHER **Electrolux Appliances Aktiebolag** The nature of the amendment is as shown in the statement(s) filed 01 Aug 2023 . Address for service - Halfords IP GPO Box 4212 Sydney NSW 2001 AU

Amendments Made**2007**

2007225044 **Alexion Pharmaceuticals, Inc.** The nature of the amendment is: Amend the name of the inventor to read Bell, Leonard; Rother, Russell P. and Evans, Mark J.

2017

2017253241 **Regeneron Pharmaceuticals, Inc.** The nature of the amendment is: Amend the name of the inventor to read Babb, Robert; Burakov, Darya; Chen, Gang; Fandl, James P. and ZHAO, Yu

2017286130 **Apple Inc.** The nature of the amendment is: Amend the name of the inventor to read Manzari, Johnnie B.; Pivonka, Pavel; Dye, Alan C.; Lemay, Stephen O.; Berez, Marek; Preston, Daniel Trent and Brasket, Jeffrey A.

2017354934 **The Yield Technology Solutions Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 04 Apr 2023

Amendments**2018**

2018205285 **Radius Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement(s) filed 11 May 2023

2018251212 **Babcock, G.; Babcock Garrett, Wendy** The nature of the amendment is as shown in the statement filed 12 Apr 2023

2018299871 **BoomCloud 360, Inc.** The nature of the amendment is as shown in the statement(s) filed 12 May 2023

2019

2019213341 **Apple Inc.** The nature of the amendment is: Amend the name of the inventor to read MANZARI, Johnnie B.; PIVONKA, Pavel; DYE, Alan C.; LEMAY, Stephen O.; BEREZA, Marek; PRESTON, Daniel Trent and BRASKET, Jeffrey A.

2019343330 **University of Southampton; The University of Western Australia** The nature of the amendment is: Amend the name of the inventor to read MORGAN, Hywel; SPENCER, Daniel; INGLIS, Timothy John Jay; PATON, Teagan and MULRONEY, Kieran

2019344106 **Aegeus Technologies Private Limited** The nature of the amendment is: Application is to proceed under the number 2019101848

2020

2020260413 **Apple Inc.** The nature of the amendment is: Amend the name of the inventor to read MANZARI, Johnnie B.; PIVONKA, Pavel; DYE, Alan C.; LEMAY, Stephen O.; BEREZA, Marek; PRESTON, Daniel Trent and BRASKET, Jeffrey A.

2021

2021202549 **SharkNinja Operating LLC** The nature of the amendment is as shown in the statement(s) filed 02 Feb 2023

2021204091 **Microban Products Company** The nature of the amendment is as shown in the statement(s) filed 07 Aug 2023

2021218036 **Apple Inc.** The nature of the amendment is: Amend the name of the inventor to read YANG, Lawrence Y.; FOSTER, James H.; KEEN, Daniel S.; KENNEDY, Zachery; LEMAY, Stephen O.; O'REILLY, Michael; PARK, Dennis S.; SOLI, Christopher D.; TRIBBLE, Guy L.; WHITEHURST, Todd K.; MISTRI, Afshad M.; DAVYDOV, Anton M.; MINJACK, Zachary; EDWARDS, Dylan Ross; BEBERG, Adam L.; PAHWA, Aroon; WEBER, Rebecca L.; NAG, Divya; LYNCH, Kevin; LYSIK, Stacey; NOVICK, Gregory; MARIC, Natalia; PITSCHER, Donald W.; GREER, Stephanie; BLAHNIK, Jay K. and EUN, Christine

2021244693 **Watershed Solar, LLC** The nature of the amendment is as shown in the statement(s) filed 10 May 2023

2021290292 **Apple Inc.** The nature of the amendment is: Amend the name of the inventor to read MANZARI, Johnnie B.; PIVONKA, Pavel; DYE, Alan C.; LEMAY, Stephen O.; BEREZA, Marek; PRESTON, Daniel Trent and BRASKET, Jeffrey A.

2021349226 **PROSCIA INC.** The nature of the amendment is as shown in the statement(s) filed 09 Aug 2023

2021359683 **HeidelbergCement AG** The nature of the amendment is: Amend the name of the inventor to read BEN HAHA, Mohsen;

Amendments

BOLTE, Gerd; BULLERJAHN, Frank; DIENEMANN, Wolfgang; SKOCEK, Jan and ZAJAC, Maciej

2021366805 **KYOTO PREFECTURAL PUBLIC UNIVERSITY CORPORATION** The nature of the amendment is: Amend the invention title to read A STORAGE METHOD OF HUMAN CORNEAL ENDOTHELIAL CELLS AND/OR HUMAN CORNEAL ENDOTHELIAL PRECURSOR CELLS

2021393081 **DOGTOOTH TECHNOLOGIES LIMITED** The nature of the amendment is as shown in the statement(s) filed 03 Aug 2023

2021416356 **1E THERAPEUTICS, LTD.** The nature of the amendment is: Amend the name of the inventor to read PILPEL, Noam; OVADYA, Yossi; RAICHLIN, Dina; KATZ-KADOSH, Etti; KNANY, Alaa; GILLIS, Ella; BOROVSKEY, Noam; SHAPIRO, Anastasia and BACHELET, Ido

2021419942 **DAIWA CAN COMPANY** The nature of the amendment is: Amend the invention title to read Connector

2021426995 **HUAWEI TECHNOLOGIES CO., LTD.** The nature of the amendment is: Amend the invention title to read Communication method and apparatus for multicast/broadcast service

2021429413 **MITSUBISHI ELECTRIC CORPORATION** The nature of the amendment is: Amend the invention title to read MOTOR

2021432549 **SES-IMAGOTAG GMBH** The nature of the amendment is: Amend the invention title to read SUPPORT DEVICE, IN PARTICULAR SHELF RAIL, FOR SUPPORTING AN ELECTRONIC DEVICE, PREFERABLY AN ELECTRONIC DISPLAY UNIT

2021439595 **DONG, L.** The nature of the amendment is: Amend the invention title to read ROLY-POLY TOY WITH ADJUSTABLE CENTER OF GRAVITY

2022

2022206501 **Arctic Ocean Tinore Trade Co., Limited** The nature of the amendment is: Amend the invention title to read A SUCTION VALVE AND AN ENDOSCOPE

2022206606 **TORAY INDUSTRIES, INC.** The nature of the amendment is: Amend the invention title to read Reinforcing fiber base material for resin transfer molding, method for producing same, reinforcing fiber laminate for resin transfer molding, and fiber-reinforced plastic

2022218413 **HUAWEI TECHNOLOGIES CO., LTD.** The nature of the amendment is: Amend the invention title to read PACKET LOSS RATE DETECTION METHOD, COMMUNICATION APPARATUS, AND COMMUNICATION SYSTEM

2022229537 **FUJITSU GENERAL LIMITED** The nature of the amendment is: Amend the invention title to read Fan and Indoor Equipment

2022249289 **ILLUMINA, INC.; ILLUMINA CAMBRIDGE LIMITED** The nature of the amendment is: Amend the name of the inventor to read VERITY, Susan C.; KUERSTEN, Robert Scott; GORMLEY, Niall Anthony; KENNEDY, Andrew B.; SCHULTZABERGER, Sarah E.; SLATTER, Andrew; BELL, Emma; RICOULT, Sebastien Georg Gabriel;

Amendments

DESANTIS, Grace; KAPER, Fiona; CHUANG, Han-Yu; MILLER, Oliver Jon; BETLEY, Jason Richard; GROSS, Stephen and EKSTRAND, Mats

2022395421 **JEONG, H.** The nature of the amendment is: Amend the invention title to read WASP CATCHER

2023

2023200607 **Apple Inc.** The nature of the amendment is: Amend the name of the inventor to read Manzari, Johnnie B.; Pivonka, Pavel; Dye, Alan C.; Lemay, Stephen O.; Bereza, Marek; Preston, Daniel Trent and Brasket, Jeffrey A.

Amendments Withdrawn

2017

2017261483 **Corteva Agriscience LLC** The amendments dated 01 Sep 2022 have been withdrawn.
Alteration of Name(s) of Applicant(s)/Patentee(s)

2007

2007242767 **IXBlue** The name of the patentee has been altered to **Exail SAS**

2010

2010212733 **Outotec (Finland) Oy; OUTOKUMPU OYJ** The name of the patentee has been altered to **OUTOKUMPU OYJ; Metso Outotec Finland Oy**

2010268227 **IXBlue** The name of the patentee has been altered to **Exail SAS**

2012

2012270290 **Outokumpu Oyj; Outotec (Finland) Oy** The name of the patentee has been altered to **Metso Outotec Finland Oy; Outokumpu Oyj**

2012327701 **Shenzhen Noposion Agrochemicals Co., Ltd.** The name of the patentee has been altered to **Shenzhen Noposion Crop Science Co., Ltd.**

2012392861 **Shenzhen Noposion Agrochemicals Co., Ltd.** The name of the patentee has been altered to **Shenzhen Noposion Crop Science Co., Ltd.**

2015

2015362084 **Logsys Power Services Pty Ltd** The name of the patentee has been altered to **Osmose Australia PTY LTD**

2017

2017431197 **iOBED INC** The name of the patentee has been altered to **BEREX Tech co., Ltd.**

2017431198 **iOBED INC** The name of the patentee has been altered to **BEREX Tech co., Ltd.**

2019

2019247885 **Aurigene Discovery Technologies Limited** The name of the applicant has been altered to **Aurigene Oncology Limited**

Amendments

2019334693 Aurigene Discovery Technologies Limited The name of the applicant has been altered to **Aurigene Oncology Limited**

2019402179 RBM IBOX S.R.L. The name of the applicant has been altered to **R.B.M. S.P.A.**

2021

2021220955 Affordable Solar Installation, Inc. The name of the applicant has been altered to **Gridworks, Inc.**

2021221450 Pate, Scott The name of the applicant has been altered to **Pate, S.R.**

2021221453 Pate, Scott The name of the applicant has been altered to **Pate, S.R.**

2021221484 Pring, Glen The name of the applicant has been altered to **Pring, G.H.**

2021374940 GENESYS CLOUD SERVICES INC. The name of the applicant has been altered to **GENESYS CLOUD SERVICES, INC.**

2021399453 TRINOMAB BIOTECH CO., LTD. The name of the applicant has been altered to **Zhuhai Trinomab Pharmaceutical Co., Ltd.**

2022

2022206501 A SUCTION VALVE AND AN ENDOSCOPE The name of the applicant has been altered to **Arctic Ocean Tinore Trade Co., Limited**

2023

2023902372 Nowakowski, Kazimierzi The name of the applicant has been altered to **Nowakowski, K.**

2023902487 LK Management Pty Ltd The name of the applicant has been altered to **Dunbar, K.**

Applications Open to Public Inspection

Name Index

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(71) ABB Schweiz AG
 (11) AU-A-2022287669
 (21) 2022287669 (22) 16.12.2022
 (54) Method and apparatus for controlling neutral point voltage of three-phase resonant-earthed electric network
 (51) Int. Cl.
H02J 3/26 (2006.01)
G01R 31/52 (2020.01)
H02H 3/14 (2006.01)
H02H 9/08 (2006.01)
 (31) 22155214.4 (32) 04.02.22 (33) EP
 (43) 24.08.2023
 (72) Wahlroos, Ari; Altonen, Janne; Leminen, Janne
 (74) Griffith Hack

(71) AbbVie Inc.
 (11) AU-A-2023210650
 (21) 2023210650 (22) 04.08.2023
 (54) Carbidopa and L-dopa prodrugs and their use to treat Parkinson's disease
 (51) Int. Cl.
A61K 31/661 (2006.01)
A61K 31/6615 (2006.01)
A61P 25/16 (2006.01)
 (43) 24.08.2023
 (62) 2021201414
 (72) CARDINAL-DAVID, Benoit; CHAN, Vincent S.; DEMPAAH, Kassibla E.; ENRIGHT, Brian P.; HENRY, Rodger F.; HO, Raimundo; HUANG, Ye; HUTERS, Alexander D.; KLIX, Russell C.; KRABBE, Scott W.; KYM, Philip R.; LAO, Yanbin; LOU, Xiaochun; MACKAY, Sean E.; MATULENKO, Mark A.; MAYER, Peter T.; MILLER, Christopher P.; STAMBULI, James; VOIGHT, Eric A.; WANG, Zhi; ZHANG, Geoff G.; STELLA, Valentino J.
 (74) Spruson & Ferguson

(71) ALBERT EINSTEIN COLLEGE OF MEDICINE
 (11) AU-A-2023210558
 (21) 2023210558 (22) 01.08.2023
 (54) Transdermal delivery formulations
 (51) Int. Cl.
A61K 31/685 (2006.01)
A61K 33/00 (2006.01)
 (43) 24.08.2023
 (62) 2021373070
 (72) FRIEDMAN, Joel
 (74) Zone Patents Limited

(71) Alfred Health; Monash University
 (11) AU-A-2023210628
 (21) 2023210628 (22) 03.08.2023
 (54) Surgical system and method of use

(51) Int. Cl.
A61M 1/04 (2006.01)
A61B 17/34 (2006.01)
 (43) 24.08.2023
 (62) 2017363823
 (72) Fitzgerald, Mark; Finnegan, Peter; Chiu, Wing; Chowdhury, Nayeem; Chowdhury, Nabil
 (74) Davies Collison Cave Pty Ltd

(71) Amgen Inc.
 (11) AU-A-2023210635
 (21) 2023210635 (22) 03.08.2023
 (54) INSERTION MECHANISM FOR DRUG DELIVERY DEVICE
 (51) Int. Cl.
A61M 5/142 (2006.01)
 (43) 24.08.2023
 (62) 2018230486
 (72) McCullough, Adam B.; Coiner, Erich; Payne, Alan D.
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Anteris Technologies Corporation
 (11) AU-A-2023210649
 (21) 2023210649 (22) 04.08.2023
 (54) REPLACEMENT HEART VALVE WITH REDUCED SUTURING
 (51) Int. Cl.
A61F 2/24 (2006.01)
 (43) 24.08.2023
 (62) 2018353854
 (72) NEETHLING, William Morris Leonard; BLISS, Scott; MACINTYRE, Anthony Michael; PATERSON, Wayne; OLIG, Christopher P.
 (74) Michael Buck IP

(71) Apple Inc.
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 (21) 2023210652 (22) 04.08.2023
 (54) Mobile device navigation system
 (51) Int. Cl.
G01C 21/36 (2006.01)
 (43) 24.08.2023
 (62) 2020351072
 (72) Mayor, Robert William; Miller, Isaac T.; Howell, Adam S.; Majjigi, Vinay R.; Ruepp, Oliver; Ulbricht, Daniel; Naroditsky, Oleg; Lipski, Christian; Cier, Sean P.; Bae, Hyojoon; Godha, Saurabh; Coleman, Patrick J.
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
 (11) AU-A-2023210654
 (21) 2023210654 (22) 04.08.2023
 (54) Wellness data aggregator
 (51) Int. Cl.
G06Q 10/06 (2023.01)

G06F 3/048 (2013.01)
G06Q 50/22 (2018.01)
 (43) 24.08.2023
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 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
 (11) AU-A-2023210876
 (21) 2023210876 (22) 07.08.2023
 (54) Displaying a scrollable list of affordances associated with physical activities
 (51) Int. Cl.
G06F 1/16 (2006.01)
A61B 5/11 (2006.01)
G06F 3/0488 (2022.01)
 (43) 24.08.2023
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 (72) Williams, Aled Hywel; Butcher, Gary Ian; Soli, Christopher D.; Sundstrom, Matthew J.; Wiebe, Molly Pray; Triverio, Marco; Carrigan, Taylor G.; Lemay, Stephen O.; Brittain, Roxanne; Lynch, Kevin
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
 (11) AU-A-2023212604
 (21) 2023212604 (22) 07.08.2023
 (54) User interfaces for managing audio exposure
 (51) Int. Cl.
G06F 3/16 (2006.01)
G06F 3/048 (2013.01)
G08B 7/06 (2006.01)
H04R 1/10 (2006.01)
 (43) 24.08.2023
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 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
 (11) AU-A-2023212966
 (21) 2023212966 (22) 07.08.2023
 (54) User interface for loyalty accounts and private label accounts for a wearable device

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G06Q 20/34 (2012.01)
G06Q 20/36 (2012.01)
G06Q 20/40 (2012.01)
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(72) Van Os, Marcel; Suzuki, Gregg; Yang, Lawrence Y.; Anton, Peter D.; Pitschel, Donald W.
(74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
(11) AU-A-2023213252
(21) 2023213252 (22) 07.08.2023
(54) Embedded authentication systems in an electronic device
(51) Int. Cl.
H04L 9/32 (2006.01)
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(72) Fadell, Anthony; Hodge, Andrew; Schell, Stephan; Caballero, Ruben; Dorogusker, Jesse Lee; Zadesky, Stephen; Sanford, Emery
(74) FPA Patent Attorneys Pty Ltd

(71) Aristocrat Technologies, Inc.
(11) AU-A-2023210674
(21) 2023210674 (22) 04.08.2023
(54) SYSTEMS AND METHODS FOR PROVIDING DYNAMIC REWARDS
(51) Int. Cl.
G06Q 30/00 (2023.01)
(43) 24.08.2023
(62) 2021202856
(72) PALMISANO, Angelo; POTOKAR, Jennifer
(74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited
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(21) 2023210598 (22) 02.08.2023
(54) A GAMING SYSTEM AND A METHOD OF GAMING
(51) Int. Cl.
G07F 17/32 (2006.01)
A63F 13/45 (2014.01)
(43) 24.08.2023
(62) 2021204367
(72) SHAI-HEE, Michael Allan
(74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited
(11) AU-A-2023210602
(21) 2023210602 (22) 02.08.2023
(54) SYSTEMS AND METHODS FOR PROVIDING A FEATURE GAME
(51) Int. Cl.
A63F 13/52 (2014.01)
(43) 24.08.2023
(62) 2021202820
(72) KROON, James
(74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited
(11) AU-A-2023210642
(21) 2023210642 (22) 03.08.2023
(54) SYSTEMS AND METHODS FOR PROVIDING A FEATURE GAME
(51) Int. Cl.
A63F 13/45 (2014.01)
(43) 24.08.2023
(62) 2021202824
(72) TAM, BILLY HO CHING
(74) Griffith Hack

(71) Ascendis Pharma Growth Disorders A/S
(11) AU-A-2023204227
(21) 2023204227 (22) 30.06.2023
(54) CNP prodrugs
(51) Int. Cl.
A61K 38/22 (2006.01)
A61K 47/60 (2017.01)
A61P 1/02 (2006.01)
A61P 5/10 (2006.01)
A61P 17/00 (2006.01)
A61P 19/00 (2006.01)
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A61P 27/02 (2006.01)
A61P 43/00 (2006.01)
(43) 24.08.2023
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(72) Sprogoe, Kennett; Hersel, Ulrich; Rau, Harald; Wegge, Thomas; Faltinger, Frank; Cleemann, Felix; Kaluza, Nora; Bernhardt, Ana; Buba, Annette; Woods, Tom
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Ascendis Pharma Growth Disorders A/S
(11) AU-A-2023210599
(21) 2023210599 (22) 02.08.2023
(54) CNP PRODRUGS WITH CARRIER ATTACHMENT AT THE RING MOIETY
(51) Int. Cl.
A61K 47/60 (2017.01)
A61P 19/08 (2006.01)
(43) 24.08.2023
(62) 2021277638
(72) Rau, Harald; Hersel, Ulrich; Cleemann, Felix; Rasmussen, Caroline Elisabeth
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) ASI Electrics Pty Ltd
(11) AU-A-2022200759
(21) 2022200759 (22) 04.02.2022
(54) A Cable Feeder
(51) Int. Cl.
H02G 1/08 (2006.01)
B66D 1/28 (2006.01)
H02G 1/02 (2006.01)
(43) 24.08.2023
(72) Edgcumbe, Scott
(74) Burns IP Law Pty Ltd

(71) AstraZeneca AB
(11) AU-A-2023210636
(21) 2023210636 (22) 03.08.2023
(54) PHARMACEUTICAL PROCESS AND INTERMEDIATES
(51) Int. Cl.
C12P 17/16 (2006.01)
A61K 31/5377 (2006.01)
C07C 255/58 (2006.01)
C07D 209/88 (2006.01)
C07D 239/24 (2006.01)
C07D 413/04 (2006.01)
C07D 413/14 (2006.01)
C07D 471/04 (2006.01)
C07F 5/02 (2006.01)
C12P 11/00 (2006.01)
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(72) Graham, Mark Andrew; Jackson, Lucinda Victoria; Noonan, Gary Michael; Inglesby, Phillip Anthony; Dave, David Pranay; Cooper, Katie Grace
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Austworld Commodities Pty Ltd
(11) AU-A-2023200632
(21) 2023200632 (22) 07.02.2023
(54) A SHOWER RAIL AND A SHOWER ASSEMBLY INCLUDING THE SHOWER RAIL
(51) Int. Cl.
E03C 1/06 (2006.01)
E03C 1/04 (2006.01)
A47K 3/28 (2006.01)
E03C 1/01 (2006.01)
(31) 2022900242 (32) 07.02.22 (33) AU
(43) 24.08.2023
(72) DAVIS, Mark
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) Azuma Design Pty Limited
(11) AU-A-2023210663
(21) 2023210663 (22) 04.08.2023
(54) A sash mounting plate for a chain winder
(51) Int. Cl.
E05F 11/04 (2006.01)
(43) 24.08.2023
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(72) Alchin, Michael Brian
(74) GLMR

(71) Baker, A.
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(21) 2023200465 (22) 30.01.2023
(54) A reflux aid for infants
(51) Int. Cl.
A47D 7/04 (2006.01)
A47D 9/00 (2006.01)
A47D 15/00 (2006.01)
A61G 7/05 (2006.01)
(31) 2022900211 (32) 04.02.22 (33) AU
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(72) Baker, Anna
(74) Patentec Patent Attorneys

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(11) AU-A-2023210616
(21) 2023210616 (22) 03.08.2023
(54) Measurement of susceptibility to diabetic foot ulcers
(51) Int. Cl.
A61B 5/053 (2021.01)
(43) 24.08.2023
(62) 2021209233
(72) BURNS, Martin F.; BARRINGTON, Sara; ROSS, Graham O.
(74) Spruson & Ferguson
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- (71) Becton Dickinson Infusion Therapy Systems Inc.
(11) AU-A-2023208212
(21) 2023208212 (22) 28.07.2023
(54) Sequences for detection and identification of methicillin-resistant Staphylococcus aureus (MRSA) of MREJ types xi to xx
(51) Int. Cl.
G01N 33/569 (2006.01)
C07H 21/00 (2006.01)
C12Q 1/68 (2018.01)
(43) 24.08.2023
(62) 2021200092
(72) HULETSKY, Ann; GIROUX, Richard
(74) FB Rice Pty Ltd
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- (71) Berkshire Renewable Energy Pty Ltd
(11) AU-A-2023200575
(21) 2023200575 (22) 03.02.2023
(54) DEWATERING SYSTEM
(51) Int. Cl.
F04D 15/00 (2006.01)
F04B 17/03 (2006.01)
F04B 49/20 (2006.01)
F04D 13/06 (2006.01)
F04D 13/08 (2006.01)
F04D 13/10 (2006.01)
E21B 41/00 (2006.01)
E21B 43/12 (2006.01)
(31) 2022900223 (32) 04.02.22 (33) AU
(43) 24.08.2023
(72) Sharpe, Lachlan
(74) Mann IP
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- (71) Block, Inc.
(11) AU-A-2023210585
(21) 2023210585 (22) 02.08.2023
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(51) Int. Cl.
G06Q 20/02 (2012.01)
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- (71) BOFINGER, S.
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- (54) BODY ARMOUR
(51) Int. Cl.
A41D 13/00 (2006.01)
A41D 13/05 (2006.01)
A41D 27/28 (2006.01)
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(62) PCT/AU2021/050017
(72) BOFINGER, Stephanie
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- (71) BrainChip, Inc.
(11) AU-A-2023214246
(21) 2023214246 (22) 08.08.2023
(54) EVENT-BASED EXTRACTION OF FEATURES IN A CONVOLUTIONAL SPIKING NEURAL NETWORK
(51) Int. Cl.
G06N 3/04 (2023.01)
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(62) 2022203607
(72) MCLELLAND, Douglas; CARLSON, Kristofor D.; PATEL, Harshil K.; VANARSE, Anup A.; JOSHI, Milind
(74) Milind Joshi
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- (71) Bridges, A.
(11) AU-A-2022200738
(21) 2022200738 (22) 04.02.2022
(54) Pre lit illuminated tunnel
(51) Int. Cl.
F21V 21/30 (2006.01)
E04B 1/32 (2006.01)
E04B 1/343 (2006.01)
F21V 19/00 (2006.01)
F21Y 101/00 (2016.01)
F21Y 115/10 (2016.01)
(43) 24.08.2023
(72) Bridges, Alison
(74) Alison May Bridges
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- (71) CaaMTech, Inc.
(11) AU-A-2023214210
(21) 2023214210 (22) 07.08.2023
(54) Crystalline norpsilocin compounds
(51) Int. Cl.
A61K 31/403 (2006.01)
A61K 31/404 (2006.01)
A61K 31/4045 (2006.01)
C07D 209/08 (2006.01)
C07D 209/14 (2006.01)
C07D 209/16 (2006.01)
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(62) 2021237646
(72) CHADEAYNE, Andrew R.
(74) ALLENS PATENT & TRADE MARK ATTORNEYS
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- (71) CaaMTech, Inc.
(11) AU-A-2023214213
(21) 2023214213 (22) 07.08.2023
(54) Crystalline bis-miprocin fumarate
(51) Int. Cl.
C07D 487/04 (2006.01)
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(72) CHADEAYNE, Andrew R.
(74) ALLENS PATENT & TRADE MARK ATTORNEYS
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- (71) Checkpoint Systems, Inc.
(11) AU-A-2023200680
(21) 2023200680 (22) 08.02.2023
(54) VIRTUAL SHIELDING SYSTEM AND METHOD FOR INVENTORY TRACKING
(51) Int. Cl.
G06Q 10/087 (2023.01)
G01S 5/02 (2010.01)
G01S 11/04 (2006.01)
G01S 11/06 (2006.01)
G06K 7/10 (2006.01)
G06Q 10/08 (2023.01)
G08B 13/24 (2006.01)
H04W 4/021 (2018.01)
H04W 4/029 (2018.01)
H04W 4/33 (2018.01)
H04W 4/35 (2018.01)
(31) 63/308,108 (32) 09.02.22 (33) US
(43) 24.08.2023
(72) WEAKLEY, Thomas Craig; JUBIERRE, Sergio Ramos; GREEN, Alan
(74) Maxwells Patent & Trade Mark Attorneys Pty Ltd
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- (71) China Construction Science and Industry Corporation Ltd.
(11) AU-A-2023210601
(21) 2023210601 (22) 02.08.2023
(54) Cable-Supported Large-Span Structure And Construction Method Therefor
(51) Int. Cl.
E04B 1/342 (2006.01)
E04B 1/34 (2006.01)
(43) 24.08.2023
(62) 2020348407
(72) CHEN, Zhenming; WU, Xi; DAL, Lixian; ZHANG, Yaolin; JIANG, Lei
(74) WRAYS PTY LTD
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- (71) China Wonderland Nurserygoods Co., Ltd.
(11) AU-A-2023214241
(21) 2023214241 (22) 08.08.2023
(54) Baby Bed
(51) Int. Cl.
A47D 7/01 (2006.01)
A47D 7/02 (2006.01)
(43) 24.08.2023
(62) 2019382420
(72) GUO, Zhengwen
(74) James & Wells Intellectual Property
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- (71) Colgate-Palmolive Company
(11) AU-A-2023210632
(21) 2023210632 (22) 03.08.2023
(54) Toothbrush, system, and method for detecting blood in an oral cavity during toothbrushing
(51) Int. Cl.
A61C 17/22 (2006.01)

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A46B 11/00 (2006.01)
A46B 15/00 (2006.01)
G16H 10/00 (2018.01)
G16H 80/00 (2018.01)
(43) 24.08.2023
(62) 2019460184
(72) WU, Donghui; FITZGERALD, Michael
(74) Spruson & Ferguson

(71) Composecure, LLC
(11) AU-A-2023214218
(21) 2023214218 **(22)** 07.08.2023
(54) METAL, CERAMIC, OR CERAMIC-COATED TRANSACTION CARD WITH WINDOW OR WINDOW PATTERN AND OPTIONAL BACKLIGHTING
(51) Int. Cl.
G06K 19/02 (2006.01)
G06K 19/07 (2006.01)
G06K 19/077 (2006.01)
(43) 24.08.2023
(62) 2021211627
(72) LOWE, Adam; ESAU, John
(74) Oxygene IP

(71) ConMed Corporation
(11) AU-A-2023210664
(21) 2023210664 **(22)** 04.08.2023
(54) Knotless suture anchor construct
(51) Int. Cl.
A61B 17/04 (2006.01)
(43) 24.08.2023
(62) 2021257944
(72) MILLER, Peter; BOSWORTH, Adrian
(74) Griffith Hack

Construction Research & Technology GmbH see de Cavis AG
(21) 2023210634

(71) Cornell Pump Company LLC
(11) AU-A-2023200553
(21) 2023200553 **(22)** 03.02.2023
(54) Self-recharging stand-alone monitoring system
(51) Int. Cl.
G05B 19/048 (2006.01)
G08B 21/18 (2006.01)
G08C 17/02 (2006.01)
H04Q 9/02 (2006.01)
H04W 4/38 (2018.01)
(31) 63/308,735 **(32)** 10.02.22 **(33)** US
(43) 24.08.2023
(72) O'CALLAGHAN, Colin; LINDEMAN, Adam; JOHNSON, Erick; WARREN, William James
(74) Spruson & Ferguson

(71) Covidien LP
(11) AU-A-2023200593
(21) 2023200593 **(22)** 06.02.2023
(54) Articulating surgical stapling apparatus with pivotable knife bar guide assembly
(51) Int. Cl.
A61B 17/068 (2006.01)

(31) 17/665,962 **(32)** 07.02.22 **(33)** US
(43) 24.08.2023
(72) WILLIAMS, Justin P.; DELANCY, Griffin S.
(74) Spruson & Ferguson

(71) de Cavis AG; Construction Research & Technology GmbH
(11) AU-A-2023210634
(21) 2023210634 **(22)** 03.08.2023
(54) Inorganic foam based on calcium sulfoaluminate
(51) Int. Cl.
C04B 28/06 (2006.01)
C04B 38/02 (2006.01)
(43) 24.08.2023
(62) 2018232506
(72) Turcinkas, Sarunas; Feichtenschlager, Bernhard; Albrecht, Gerhard; Petit, Pauline; Gonzenbach, Urs; Sturzenegger, Philip
(74) Griffith Hack

(71) Deere & Company
(11) AU-A-2022291442
(21) 2022291442 **(22)** 20.12.2022
(54) Method of determining remaining seed in a product distribution system and system thereof
(51) Int. Cl.
A01B 79/02 (2006.01)
A01C 7/08 (2006.01)
A01C 7/10 (2006.01)
(31) 63/307,225 **(32)** 07.02.22 **(33)** US
 17/992,056 22.11.22 US
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(72) Gupta, Govind Kumar; Shende, Dipesh; Ekhe, Sandeep; Kale, Pradeep; Garner, Elijah B.
(74) Davies Collison Cave Pty Ltd

(71) Deere & Company
(11) AU-A-2022291448
(21) 2022291448 **(22)** 20.12.2022
(54) Agricultural planting machine with field contour sensors
(51) Int. Cl.
A01B 79/02 (2006.01)
A01B 63/00 (2006.01)
A01C 7/20 (2006.01)
A01C 21/00 (2006.01)
G01S 17/894 (2020.01)
G05D 1/02 (2020.01)
(31) 17/667,075 **(32)** 08.02.22 **(33)** US
(43) 24.08.2023
(72) Peters, John L.; Bartlett, Thomas G.; Johnson, Lee A.; Cowles, Kevin P.
(74) Davies Collison Cave Pty Ltd

(71) DeRoyal Industries, Inc
(11) AU-A-2023200220
(21) 2023200220 **(22)** 17.01.2023
(54) EYE SHIELD FRAME WITH IMPROVED FIT
(51) Int. Cl.
G02C 5/16 (2006.01)
A61F 9/00 (2006.01)

(31) 17/592,591 **(32)** 04.02.22 **(33)** US
(43) 24.08.2023
(72) Cowart, Walter C.
(74) Alder IP Pty Ltd

(71) Disruption Labs Inc.
(11) AU-A-2023210660
(21) 2023210660 **(22)** 04.08.2023
(54) COMPOSITIONS FOR THE DELIVERY OF THERAPEUTIC AGENTS AND METHODS OF USE AND MAKING THEREOF
(51) Int. Cl.
A61K 9/14 (2006.01)
A61K 9/127 (2006.01)
A61K 9/19 (2006.01)
A61K 31/05 (2006.01)
A61K 31/352 (2006.01)
A61K 47/24 (2006.01)
A61K 47/28 (2006.01)
A61K 47/44 (2017.01)
C07C 39/23 (2006.01)

(43) 24.08.2023
(62) 2021203013
(72) SLOAT, Brian R.; SANDOVAL, Michael A.; WEST, Tyler B.
(74) Griffith Hack

(71) Dolby Laboratories Licensing Corporation
(11) AU-A-2023210569
(21) 2023210569 **(22)** 01.08.2023
(54) Source color volume information messaging
(51) Int. Cl.
H04N 19/186 (2014.01)
H04N 19/46 (2014.01)
H04N 19/70 (2014.01)
H04N 21/235 (2011.01)
H04N 21/84 (2011.01)

(43) 24.08.2023
(62) 2022235573
(72) CHEN, Tao; YIN, Peng; LU, Taoran; HUSAK, Walter J.
(74) Spruson & Ferguson

(71) Dux Manufacturing Limited
(11) AU-A-2023200329
(21) 2023200329 **(22)** 20.01.2023
(54) Flue diverter for gas water heater
(51) Int. Cl.
F24H 9/00 (2022.01)
F24H 1/10 (2022.01)
F24H 9/20 (2022.01)
(31) 2022900215 **(32)** 04.02.22 **(33)** AU
(43) 24.08.2023
(72) ANOOP, Philip
(74) Spruson & Ferguson

(71) Edwards Lifesciences Corporation
(11) AU-A-2023210578
(21) 2023210578 **(22)** 02.08.2023
(54) Heart valve sealing devices and delivery devices therefor
(51) Int. Cl.
A61F 2/24 (2006.01)

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(43) 24.08.2023
 (62) 2018255337
 (72) DIXON, Eric Robert; CHEN, Jensen; MORATORIO, Guillermo W.; CAO, Hengchu; DOMINICK, Douglas Thomas; DELGADO, Sergio; FRESCHAUF, Lauren R.
 (74) Spruson & Ferguson

(71) E-Lead Electronic Co., Ltd.
 (11) AU-A-2023210653
 (21) 2023210653 (22) 04.08.2023
 (54) Head-Mounted Fixing Device
 (51) Int. Cl.
 G02C 3/02 (2006.01)
 G02B 25/00 (2006.01)
 (43) 24.08.2023
 (62) 2022203248
 (72) CHEN, Stephen
 (74) A.P.T. Patent and Trade Mark Attorneys

(71) ENSID HOLDINGS LIMITED
 (11) AU-A-2023200577
 (21) 2023200577 (22) 03.02.2023
 (54) Implanter
 (51) Int. Cl.
 A61B 17/34 (2006.01)
 A01K 11/00 (2006.01)
 A61D 7/00 (2006.01)
 A61M 37/00 (2006.01)
 (31) 784908 (32) 04.02.22 (33) NZ
 (43) 24.08.2023
 (72) Clarke, Ross Robert
 (74) AJ PARK

(71) EpinovaTech AB
 (11) AU-A-2023210648
 (21) 2023210648 (22) 04.08.2023
 (54) SEMICONDUCTOR LAYER STRUCTURE
 (51) Int. Cl.
 H01L 29/778 (2006.01)
 H01L 21/20 (2006.01)
 H01L 21/205 (2006.01)
 H01L 21/337 (2006.01)
 H01L 21/338 (2006.01)
 H01L 29/423 (2006.01)
 H01L 29/10 (2006.01)
 H01L 29/20 (2006.01)
 H01L 29/417 (2006.01)
 (43) 24.08.2023
 (62) 2020400286
 (72) OLSSON, Martin Andreas
 (74) Michael Buck IP

(71) F. Hoffmann-La Roche AG; GENENTECH, INC.
 (11) AU-A-2023210566
 (21) 2023210566 (22) 01.08.2023
 (54) Subcutaneous HER2 antibody formulations
 (51) Int. Cl.
 C07K 16/32 (2006.01)
 A61K 9/00 (2006.01)
 A61K 39/00 (2006.01)
 A61K 39/395 (2006.01)

A61K 47/26 (2006.01)
 A61K 47/42 (2017.01)
 (43) 24.08.2023
 (62) 2020203066
 (72) ENG-WONG, Jennifer; KIRSCHBROWN, Whitney; KHAN, Tarik; LIN, Jasper; ALAVATTAM, Sreedhara; GARG, Amit; HEESON, Sarah; BADOVINAC-CRNJEVIC, Tanja; WURTH, Christine
 (74) Griffith Hack

(71) Faresin Industries S.p.a.
 (11) AU-A-2023200559
 (21) 2023200559 (22) 03.02.2023
 (54) Process and Apparatus for Mixing a Food Product for Farm Animals
 (51) Int. Cl.
 B01F 27/00 (2022.01)
 A01K 5/00 (2006.01)
 G01N 21/3577 (2014.01)
 G01N 21/359 (2014.01)
 G06F 17/00 (2019.01)
 G16C 20/00 (2019.01)
 G16C 20/70 (2019.01)
 (31) 22155569.1 (32) 08.02.22 (33) EP
 (43) 24.08.2023
 (72) FARESIN, Sante; FARESIN, Silvia; FARESIN, Giulia; ANDRIGHETTO, Iginio; SERVA, Lorenzo; MAGRIN, Luisa
 (74) A.P.T. Patent and Trade Mark Attorneys

(71) FeliciteX Therapeutics, Inc.
 (11) AU-A-2023214240
 (21) 2023214240 (22) 08.08.2023
 (54) Combinations for the treatment of neoplasms using quiescent cell targeting and inhibitors of mitosis
 (51) Int. Cl.
 G01N 33/574 (2006.01)
 G01N 33/50 (2006.01)
 (43) 24.08.2023
 (62) 2017248807
 (72) VILENCHIK, Maria; FRID, Michael; KUZNETSOVA, Alexandra; GANKIN, Yuriy; DUEY, Marc
 (74) Spruson & Ferguson

(71) Fisher & Paykel Healthcare Limited
 (11) AU-A-2023206160
 (21) 2023206160 (22) 20.07.2023
 (54) SEALING FORCE DETECTION ENABLED, THERAPEUTIC FLUID DELIVERY DEVICE
 (51) Int. Cl.
 A61M 16/06 (2006.01)
 A61B 5/103 (2006.01)
 (43) 24.08.2023
 (62) 2021205102
 (72) Mashal, Fadi Karim Moh'd; Stephenson, Matthew Roger; Hammer, Jeroen; Smith, Daniel John; Harwood, Jonathan David
 (74) AJ PARK

(71) Fisher & Paykel Healthcare Limited
 (11) AU-A-2023210559
 (21) 2023210559 (22) 01.08.2023
 (54) RESPIRATORY MASK SYSTEM
 (51) Int. Cl.
 A61M 16/06 (2006.01)
 A42B 3/08 (2006.01)
 A42B 3/14 (2006.01)
 A62B 9/04 (2006.01)
 A62B 18/08 (2006.01)
 G02C 3/02 (2006.01)
 (43) 24.08.2023
 (62) 2018292722
 (72) SIMS, Christopher Gareth; MASHAL, Fadi Karim Moh'd; KAPELEVICH, Vitaly; MCLAREN, Mark Arvind; SIEW, Silas Sao Jin; DOWNEY, Jonathan Mark; WONG, Christopher Michael; BRADLEY, Matthew Aaron; COLLINS, Janine Elizabeth; PATEL, Dillan; THOMAS, Steve; HIPOLITO, Chris On-in Limpin; PEREIRA, Priyanka Ferdinand; SLIGHT, Matthew Robert Geoff; FELIX, David Monroy; ZHU, Xin Yue; SNG, Jonathan Tong Lok; GARDIOLA, Arvin San Jose; HEFFERNAN, Stephen Francis; LYNCH, Christine Marie; HUANG, Wen Dong; WALLS, Bruce Michael; YOUNG, Jeremy Owen; SPEAR, Tony William; HOCKING, Jake Baker; BORNHOLDT, Melissa Catherine
 (74) AJ PARK

(71) Fisher & Paykel Healthcare Limited
 (11) AU-A-2023210645
 (21) 2023210645 (22) 04.08.2023
 (54) PATIENT INTERFACE
 (51) Int. Cl.
 A61M 16/06 (2006.01)
 A61B 18/08 (2006.01)
 (43) 24.08.2023
 (62) 2020286236
 (72) BEARNE, Peter David Alexander; MURPHY, Blair Raymond Dadson; MIDDELKOOP, Kirstin Elizabeth; MASHAL, Fadi Karim Moh'd; COX, Michael John Henri; RANDLES, Sophie Kathryn; MCLAREN, Mark Arvind; LEAHY, Ronan; PATEL, Roheet
 (74) AJ PARK

(71) Fundació Hospital Universitari Vall d'hebron - Institut de Recerca
 (11) AU-A-2023210591
 (21) 2023210591 (22) 02.08.2023
 (54) Markers of endometrial cancer
 (51) Int. Cl.
 G01N 33/574 (2006.01)
 (43) 24.08.2023
 (62) 2017260806
 (72) Martinez García, Elena; Colás Ortega, Eva; Gil Moreno, Antonio; Reventós Puigjaner, Jaume; Domon, Bruno; Lesur, Antoine
 (74) Griffith Hack

GENENTECH, INC. see F. Hoffmann-La Roche AG
 (21) 2023210566

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(71) General Mills, Inc.
 (11) AU-A-2023214239
 (21) 2023214239 (22) 08.08.2023
 (54) Low sugar, high protein confection
 (51) Int. Cl.
 A23G 3/38 (2006.01)
 A23G 3/40 (2006.01)
 A23G 3/42 (2006.01)
 A23G 3/44 (2006.01)
 A23G 3/46 (2006.01)
 (43) 24.08.2023
 (62) 2020439411
 (72) GUGGER, Eric, T.; LI, Michael; OR-DOVAS, Eva
 (74) FB Rice Pty Ltd

(71) Gen-Probe Incorporated
 (11) AU-A-2023214231
 (21) 2023214231 (22) 08.08.2023
 (54) System for mixing contents of containers and related methods of use
 (51) Int. Cl.
 B01F 9/00 (2006.01)
 B01F 11/00 (2006.01)
 B01F 15/00 (2006.01)
 (43) 24.08.2023
 (62) 2018237575
 (72) BUSE, David A.
 (74) FB Rice Pty Ltd

(71) Gilead Sciences, Inc.
 (11) AU-A-2023210594
 (21) 2023210594 (22) 02.08.2023
 (54) Solid forms of a toll-like receptor modulator
 (51) Int. Cl.
 C07D 471/04 (2006.01)
 A61K 31/519 (2006.01)
 A61P 31/20 (2006.01)
 (43) 24.08.2023
 (62) 2020257174
 (72) ASSELIN, Sylvie M.; MORRISON, Henry G.
 (74) Davies Collison Cave Pty Ltd

(71) Gordon Brothers Industries Pty Ltd
 (11) AU-A-2023200599
 (21) 2023200599 (22) 06.02.2023
 (54) A cooling system
 (51) Int. Cl.
 F24F 11/84 (2018.01)
 E21F 3/00 (2006.01)
 F24F 5/00 (2006.01)
 F24F 11/46 (2018.01)
 F25B 25/00 (2006.01)
 F24F 110/20 (2018.01)
 (31) 2022900216 (32) 04.02.22 (33) AU
 (43) 24.08.2023
 (72) McLean, Keith Ralph
 (74) FPA Patent Attorneys Pty Ltd

(71) Gregg Drilling, LLC
 (11) AU-A-2023210570
 (21) 2023210570 (22) 01.08.2023
 (54) Geotechnical rig systems and methods

(51) Int. Cl.
 E21B 7/00 (2006.01)
 E21B 7/02 (2006.01)
 E21B 19/00 (2006.01)
 E21B 19/20 (2006.01)
 E21B 44/00 (2006.01)
 (43) 24.08.2023
 (62) 2021308639
 (72) GREGG, John; SCHUBERT, Matthew; SCHUBERT, Phillip
 (74) Spruson & Ferguson

(71) Halliburton Energy Services, Inc.
 (11) AU-A-2022325171
 (21) 2022325171 (22) 07.02.2022
 (54) Organic esters with electron withdrawing groups for use in subterranean formations
 (51) Int. Cl.
 C09K 8/72 (2006.01)
 (43) 24.08.2023
 (72) ZHOU, Hui; BOSE, Sohini
 (74) Spruson & Ferguson

HANGZHOU NARADA POWER TECHNOLOGY CO., LTD. see ZHEJIANG NARADA POWER SOURCE CO., LTD.
 (21) 2022374192

(71) Hemispherian AS
 (11) AU-A-2023210586
 (21) 2023210586 (22) 02.08.2023
 (54) DEOXY- CYTIDINE OR URIDINE DERIVATIVES FOR USE IN CANCER THERAPIES
 (51) Int. Cl.
 A61K 31/7068 (2006.01)
 A61K 31/7072 (2006.01)
 A61K 45/06 (2006.01)
 A61P 35/00 (2006.01)
 (43) 24.08.2023
 (62) 2020215801
 (72) Robertson, Adam Brian; Prikrylova, Terezia
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Hestia Concepts Ltd.
 (11) AU-A-2023208171
 (21) 2023208171 (22) 27.07.2023
 (54) Heating appliance
 (51) Int. Cl.
 F24B 1/26 (2006.01)
 F24B 1/191 (2006.01)
 F24B 5/02 (2006.01)
 F24B 13/00 (2006.01)
 (43) 24.08.2023
 (62) 2017332816
 (72) Thomas, Samuel Haydn Andrew
 (74) LESICAR MAYNARD ANDREWS PTY LTD

(71) Hexagon Geosystems Services AG
 (11) AU-A-2023200472
 (21) 2023200472 (22) 30.01.2023

(54) Method and system for on-site testing of an off-road vehicle intervention system
 (51) Int. Cl.
 G07C 5/08 (2006.01)
 B60R 21/0132 (2006.01)
 B60R 21/0134 (2006.01)
 B60W 30/09 (2012.01)
 B60W 30/095 (2012.01)
 G05D 1/03 (2006.01)
 (31) 17/669,246 (32) 10.02.22 (33) US
 (43) 24.08.2023
 (72) Ru, Xiao; Spring, Peter; Arno, Linus; Huber, Johannes; Ritter, Fabien
 (74) Integrated IP

(71) Holobeam Technologies Inc.
 (11) AU-A-2023214215
 (21) 2023214215 (22) 07.08.2023
 (54) Precision Delivery of Angularly Separate Beams of Energy Utilizing Holographic Energy Teleportation (HET) with Time-Correlated Standing-Wave Interference and Coherent Intensity Amplification
 (51) Int. Cl.
 A61N 5/06 (2006.01)
 A61N 7/00 (2006.01)
 (43) 24.08.2023
 (62) 2019271227
 (72) DOLGOFF, Gene
 (74) Adams Pluck

(71) Huawei Technologies Co., Ltd.
 (11) AU-A-2023210620
 (21) 2023210620 (22) 03.08.2023
 (54) TIME-DOMAIN STEREO ENCODING AND DECODING METHOD AND RELATED PRODUCT
 (51) Int. Cl.
 G10L 19/008 (2013.01)
 (43) 24.08.2023
 (62) 2018315436
 (72) Wang, Bin; Li, Haiting; Miao, Lei
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Insulet Corporation
 (11) AU-A-2023210562
 (21) 2023210562 (22) 01.08.2023
 (54) Safety constraints for a control algorithm-based drug delivery system
 (51) Int. Cl.
 G16H 20/17 (2018.01)
 (43) 24.08.2023
 (62) 2019263490
 (72) O'CONNOR, Jason; LEE, Joon Bok; LY, Trang; ZHENG, Yibin; PEYSER, Thomas Arnold; SCHNEIDER, Jennifer Lena
 (74) Davies Collison Cave Pty Ltd

(71) Invarosoft Pty Ltd
 (11) AU-A-2023210618
 (21) 2023210618 (22) 03.08.2023
 (54) SYSTEM AND METHOD FOR PROVIDING A CUSTOMISABLE GRAPHICAL USER INTERFACE FOR

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INFORMATION TECHNOLOGY ASSISTANCE

- (51) Int. Cl.
G06Q 10/06 (2023.01)
G06Q 10/02 (2012.01)
G06Q 10/10 (2023.01)
(43) 24.08.2023
(62) 2017239577
(72) WARNER, Jamie
(74) Spruson & Ferguson

- (71) Juvo Solutions Pty Ltd
(11) AU-A-2023210554
(21) 2023210554 (22) 31.07.2023
(54) SHOWER COMMODE SEAT
(51) Int. Cl.
A47K 11/04 (2006.01)
A47K 3/12 (2006.01)
(43) 24.08.2023
(62) 2017239576
(72) Muller, Clyde
(74) Baxter Patent Attorneys Pty Ltd

- (71) KDB INTELLECTUAL PTY LTD
(11) AU-A-2023214223
(21) 2023214223 (22) 07.08.2023
(54) MULTI-LOCK AND METHOD OF USE
(51) Int. Cl.
E05B 63/14 (2006.01)
E05C 9/04 (2006.01)
(43) 24.08.2023
(62) 2022252743
(72) EVERETT, Timothy
(74) Oxygene IP

Komatsu Ltd. see Toyota Jidosha Kabushiki Kaisha
(21) 2023200501

- (71) Koninklijke Philips N.V.
(11) AU-A-2023210671
(21) 2023210671 (22) 04.08.2023
(54) A light emitting device, comprising light emitting units being arranged in a plane filling pattern
(51) Int. Cl.
F21S 2/00 (2016.01)
B08B 17/02 (2006.01)
F21S 8/00 (2006.01)
(43) 24.08.2023
(62) 2018310543
(72) SALTERS, Bart, Andre; HIETBRINK, Roelant, Boudewijn; VAN LIEROP, Michael, Maria, Johannes
(74) FB Rice Pty Ltd

Kuchimanchi, V. see Kuchimanchi, V.S.S.S.
(21) 2023210549

- (71) Kuchimanchi, V.S.S.S.; Kuchimanchi, V.
(11) AU-A-2023210549
(21) 2023210549 (22) 31.07.2023
(54) An organic anti-mold bakery additive
(51) Int. Cl.
A23L 3/3463 (2006.01)

- A23L 3/3571** (2006.01)
C12R 1/01 (2006.01)
(43) 24.08.2023
(62) 2019442910
(72) KUCHIMANCHI, Venkata Satya Sarveswara Sairam; KUCHIMANCHI, Vaishnavi; Kuchimanchi, Venkata Satya Sarveswara Sairam; Kuchimanchi, Vaishnavi
(74) Davies Collision Cave Pty Ltd

- (71) Latch Systems, Inc.
(11) AU-A-2023210587
(21) 2023210587 (22) 02.08.2023
(54) METHODS AND SYSTEMS FOR ACCESS CONTROL AND AWARENESS MANAGEMENT
(51) Int. Cl.
G07C 9/00 (2020.01)
H04W 12/06 (2021.01)
(43) 24.08.2023
(62) 2017324945
(72) Schoenfelder, Luke Andrew; Jones, Michael Brian; Hussain, Ali Akbar; Griszbacher, James; Sole, Ivan Almaral; Hearn, Timothy H.
(74) Maxwells Patent & Trade Mark Attorneys Pty Ltd

- (71) LG Electronics Inc.
(11) AU-A-2023210670
(21) 2023210670 (22) 04.08.2023
(54) REFRIGERATOR AND METHOD FOR CONTROLLING THE SAME
(51) Int. Cl.
F25D 11/00 (2006.01)
F25C 1/18 (2006.01)
F25C 1/24 (2018.01)
F25C 5/02 (2006.01)
F25D 25/02 (2006.01)
F25D 29/00 (2006.01)
(43) 24.08.2023
(62) 2019354500
(72) LEE, Donghoon; LEE, Woogyong; YEOM, Seungseob; LEE, Donghoon; BAE, Yongjun; SON, Sunggyun; PARK, Chongyoung
(74) Dentons Patent Attorneys Australasia Limited

- (71) LG Electronics Inc.
(11) AU-A-2023211723
(21) 2023211723 (22) 07.08.2023
(54) REFRIGERATOR
(51) Int. Cl.
F25D 11/04 (2006.01)
F25C 1/18 (2006.01)
F25C 1/24 (2018.01)
F25C 5/02 (2006.01)
F25C 5/18 (2018.01)
F25D 11/00 (2006.01)
F25D 25/02 (2006.01)
F25D 29/00 (2006.01)
(43) 24.08.2023
(62) 2019355675
(72) LEE, Donghoon; LEE, Woogyong; PARK, Chongyoung; LEE, Donghoon;

- YEOM, Seungseob; BAE, Yongjun; SON, Sunggyun
(74) Dentons Patent Attorneys Australasia Limited

- (71) LG Electronics Inc.
(11) AU-A-2023214235
(21) 2023214235 (22) 08.08.2023
(54) REFRIGERATOR
(51) Int. Cl.
F25D 11/00 (2006.01)
F25C 1/18 (2006.01)
F25C 1/24 (2018.01)
F25C 5/02 (2006.01)
F25D 25/02 (2006.01)
F25D 29/00 (2006.01)
(43) 24.08.2023
(62) 2019353490
(72) LEE, Donghoon; LEE, Woogyong; SON, Sunggyun; LEE, Donghoon; YEOM, Seungseob; BAE, Yongjun; PARK, Chongyoung
(74) Dentons Patent Attorneys Australasia Limited

- (71) LG Electronics Inc.
(11) AU-A-2023214251
(21) 2023214251 (22) 08.08.2023
(54) Dryer
(51) Int. Cl.
D06F 58/04 (2006.01)
D06F 58/20 (2006.01)
(43) 24.08.2023
(62) 2019386525
(72) BAE, Sanghun; CHO, Hongjun; KIM, Hyeonjoong
(74) FB Rice Pty Ltd

- (71) Locus Robotics Corp.
(11) AU-A-2023210596
(21) 2023210596 (22) 02.08.2023
(54) Robot congestion management
(51) Int. Cl.
G06Q 10/08 (2023.01)
G06Q 50/28 (2012.01)
(43) 24.08.2023
(62) 2020215719
(72) JOHNSON, Michael Charles; JAQUEZ, Luis; ALCUTT, Andrew; JOHNSON, Sean
(74) Raven IP

- (71) Locus Robotics Corp.
(11) AU-A-2023210661
(21) 2023210661 (22) 04.08.2023
(54) Robot assisted personnel routing
(51) Int. Cl.
G06Q 10/08 (2023.01)
G06Q 50/28 (2012.01)
(43) 24.08.2023
(62) 2020216423
(72) JOHNSON, Michael Charles; JAQUEZ, Luis; JOHNSON, Sean
(74) Raven IP

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(71) Lone Gull Holdings, Ltd.
 (11) AU-A-2023210555
 (21) 2023210555 (22) 01.08.2023
 (54) Wind-powered computing buoy
 (51) Int. Cl.
F03D 1/06 (2006.01)
B63B 22/24 (2006.01)
F03D 9/10 (2016.01)
F03D 9/11 (2016.01)
F03D 9/20 (2016.01)
F03D 9/34 (2016.01)
F03D 13/10 (2016.01)
 (43) 24.08.2023
 (62) 2019212648
 (72) MOFFAT, Brian Lee; SHEL-
 DON-COULSON, Garth Alexander
 (74) Zone Patents Limited

(71) Lumenis Ltd
 (11) AU-A-2023210656
 (21) 2023210656 (22) 04.08.2023
 (54) Optimization of BPH treatment using
 HoLEP (Holium Laser Enucleation Of
 Prostate)
 (51) Int. Cl.
A61B 18/24 (2006.01)
A61B 17/22 (2006.01)
A61N 5/00 (2006.01)
 (43) 24.08.2023
 (62) 2021282522
 (72) KHACHATUROV, Arkady; WAISMAN,
 Tai; BENISTY, Eyal; FELDCHEIN,
 Mikhael
 (74) Spruson & Ferguson

(71) MDT Innovations Sdn Bhd
 (11) AU-A-2023200721
 (21) 2023200721 (22) 09.02.2023
 (54) ELECTRONIC DISPLAY APPARATUS
 AND METHOD
 (51) Int. Cl.
G06F 3/14 (2006.01)
G06F 1/16 (2006.01)
G09G 3/00 (2006.01)
G09G 5/42 (2006.01)
 (31) PI2022000716 (32) 09.02.22 (33) MY
 (43) 24.08.2023
 (72) CHOO, KAM KHUEN; MING, NICH-
 OLAS GOON CHOONG; CHEW, HOO
 BENG; LIEW, CHOON LIAN; SIM, HON
 WAI
 (74) PETER DROZDOWSKI DOJLIDA

(71) MicroPort Orthopedics Holdings Inc.
 (11) AU-A-2023200425
 (21) 2023200425 (22) 27.01.2023
 (54) Acetabular cup remover assembly
 (51) Int. Cl.
A61F 2/46 (2006.01)
 (31) 18/153,127 (32) 11.01.23 (33) US
 63/267,618 07.02.22 US
 (43) 24.08.2023
 (72) BARFIELD, Charles
 (74) Griffith Hack

(71) Miner Enterprises, Inc.
 (11) AU-A-2023200026

(21) 2023200026 (22) 04.01.2023
 (54) RAILROAD FREIGHT CAR DRAFT
 GEAR FRICTION MODIFYING INSERT
 (51) Int. Cl.
B61G 9/04 (2006.01)
F16F 3/08 (2006.01)
 (31) 17/665,058 (32) 04.02.22 (33) US
 (43) 24.08.2023
 (72) Schoedl, Erich A.; Wilt, Donald E.;
 Kries, Andy R.
 (74) Patent Attorney Services

(71) Minetec S.A.
 (11) AU-A-2023200309
 (21) 2023200309 (22) 20.01.2023
 (54) DAMPING ELEMENT FOR EXCAVAT-
 OR BUCKETS
 (51) Int. Cl.
E02F 3/60 (2006.01)
E02F 3/40 (2006.01)
E02F 9/00 (2006.01)
 (31) 202200312 (32) 07.02.22 (33) CL
 (43) 24.08.2023
 (72) VERA TORRES, Bernardo Luis; DE LA
 FUENTE LOPEZ, Fernando Esteban;
 FLORES, Antonio
 (74) Halfords IP

(71) Minetec S.A.
 (11) AU-A-2023200314
 (21) 2023200314 (22) 20.01.2023
 (54) MODIFIED BUCKET
 (51) Int. Cl.
E02F 3/60 (2006.01)
E02F 3/40 (2006.01)
 (31) 202200313 (32) 07.02.22 (33) CL
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 (72) VERA TORRES, Bernardo Luis; DE LA
 FUENTE LOPEZ, Fernando Esteban;
 FLORES, Antonio
 (74) Halfords IP

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 (21) 2023210606 (22) 03.08.2023
 (54) Combinations of mRNAs encoding im-
 mune modulating polypeptides and
 uses thereof
 (51) Int. Cl.
A61K 48/00 (2006.01)
C07K 14/54 (2006.01)
C07K 14/545 (2006.01)
C07K 14/705 (2006.01)
 (43) 24.08.2023
 (62) 2017266929
 (72) Frederick, Joshua; Hewitt, Susannah;
 Bai, Ailin; Hoge, Stephen; Presnyak,
 Vladimir; McFadyen, Iain; Benenato,
 Kerry; Kumarasinghe, Ellalahewage
 Sathyajith
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 (21) 2023210628

(71) National University Corporation
 Hokkaido University
 (11) AU-A-2022201472
 (21) 2022201472 (22) 03.03.2022
 (54) Information processing system and
 spectroscopic measuring instrument
 (51) Int. Cl.
G01J 3/44 (2006.01)
G01J 3/32 (2006.01)
G01N 21/17 (2006.01)
G01N 21/47 (2006.01)
 (31) 2022-017173 (32) 07.02.22 (33) JP
 (43) 24.08.2023
 (72) Takahashi, Yukihiro; Ono, Tatsuharu;
 Naruse, Nobuyasu; Ishida, Yurino
 (74) Davies Collison Cave Pty Ltd

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 Hokkaido University
 (11) AU-A-2022201481
 (21) 2022201481 (22) 03.03.2022
 (54) Spectroscopic measuring instrument
 (51) Int. Cl.
G01N 21/31 (2006.01)
G01N 21/84 (2006.01)
 (31) 2022-017171 (32) 07.02.22 (33) JP
 (43) 24.08.2023
 (72) Takahashi, Yukihiro; Moteki, Youhei;
 Naruse, Nobuyasu
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(71) Nicoventures Trading Limited
 (11) AU-A-2023210612
 (21) 2023210612 (22) 03.08.2023
 (54) Aerosol provision system
 (51) Int. Cl.
A24F 40/00 (2020.01)
 (43) 24.08.2023
 (62) 2020255320
 (72) MOLONEY, Patrick
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 (21) 2023210613 (22) 03.08.2023
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 (51) Int. Cl.
A24F 40/00 (2020.01)
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 (11) AU-A-2023210667
 (21) 2023210667 (22) 04.08.2023
 (54) Flux and production method of steel
 product with hot-dip Zn-Al-Mg coating
 using said flux
 (51) Int. Cl.
C23C 2/02 (2006.01)
C22C 18/00 (2006.01)
C22C 38/00 (2006.01)
C22C 38/06 (2006.01)
C23C 2/06 (2006.01)

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 (51) Int. Cl.
 B01L 3/00 (2006.01)
 B01L 7/00 (2006.01)
 G01N 21/64 (2006.01)
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 (74) Davies Collison Cave Pty Ltd

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 (11) AU-A-2023210626
 (21) 2023210626 (22) 03.08.2023
 (54) CUSTOM NUTRITIONAL SUPPLEMENT COMPOSITION PRODUCTION SYSTEM AND METHOD
 (51) Int. Cl.
 G06Q 50/22 (2018.01)
 A23L 2/52 (2006.01)
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 (62) 2021201936
 (72) NORTJE, Bernard Etienne; VILJOEN, Alwyn Johannes Jacobus
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 (21) 2023210543 (22) 31.07.2023
 (54) Uses of myostatin antagonists, combinations containing them and uses thereof
 (51) Int. Cl.
 A61K 31/282 (2006.01)
 A61K 31/436 (2006.01)
 A61K 39/395 (2006.01)
 A61P 35/00 (2006.01)
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 (11) AU-A-2023210550
 (21) 2023210550 (22) 31.07.2023
 (54) METHOD FOR REDUCING THE RISK OF A CARDIOVASCULAR EVENT WITH CONJUGATED ANTISENSE COMPOUNDS TARGETING APO(a)
 (51) Int. Cl.
 C12N 15/113 (2010.01)
 A61K 31/712 (2006.01)
 A61K 31/7125 (2006.01)

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 (21) 2023214234 (22) 08.08.2023
 (54) Vibration while drilling data processing methods
 (51) Int. Cl.
 G01V 1/28 (2006.01)
 G01V 1/30 (2006.01)
 G01V 1/36 (2006.01)
 G01V 1/37 (2006.01)
 G01V 1/42 (2006.01)
 G01V 1/44 (2006.01)
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 G01V 3/38 (2006.01)

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 (54) Kitchen arrangement
 (51) Int. Cl.
 B60R 9/06 (2006.01)
 A47B 77/10 (2006.01)
 B60N 3/16 (2006.01)
 B60P 3/36 (2006.01)
 B60R 11/00 (2006.01)

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 (21) 2023210619 (22) 03.08.2023
 (54) Treatment of retinitis pigmentosa using engineered meganucleases
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 C12N 9/22 (2006.01)
 C12N 15/861 (2006.01)
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 (72) Bartsevich, Victor; Jantz, Derek; Smith, James Jefferson; Nicholson, Michael G.
 (74) Davies Collison Cave Pty Ltd

(71) President and Fellows of Harvard College
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 (21) 2023210577 (22) 02.08.2023
 (54) Hybridization chain reaction methods for in situ molecular detection
 (51) Int. Cl.
 C12Q 1/68 (2018.01)
 C07H 21/02 (2006.01)
 C07H 21/04 (2006.01)
 C12N 15/11 (2006.01)
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 (74) Davies Collison Cave Pty Ltd

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 (54) Remote employment management system
 (51) Int. Cl.
 G06Q 10/06 (2012.01)
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 H04W 4/029 (2018.01)
 (31) 17/665,451 (32) 04.02.22 (33) US
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 (72) CARZOLI, Robert E.
 (74) FB Rice Pty Ltd

(71) Quantum-Si Incorporated
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 (21) 2023210629 (22) 03.08.2023
 (54) Integrated device with external light source for probing, detecting, and analyzing molecules
 (51) Int. Cl.
 G01N 21/64 (2006.01)
 C12Q 1/68 (2018.01)
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 (21) 2023210659 (22) 04.08.2023
 (54) READY TO USE LIQUID RECK FORMULATION
 (51) Int. Cl.
 A61K 9/00 (2006.01)
 A61K 31/37 (2006.01)
 A61K 31/407 (2006.01)
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(71) Rhombus Systems Group, Inc.
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 (21) 2023210584 (22) 02.08.2023
 (54) Radar system to track low flying unmanned aerial vehicles and objects
 (51) Int. Cl.
 G08G 5/00 (2006.01)
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 (72) Olson, Erlend
 (74) Intellepro Patent & Trade Mark Attorneys

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 (51) Int. Cl.
G06Q 20/38 (2012.01)
H04W 4/24 (2018.01)
H04W 12/04 (2021.01)
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(71) Sahajanand Medical Technologies Limited
 (11) AU-A-2022328990
 (21) 2022328990 (22) 13.06.2022
 (54) Percutaneous implant delivery system
 (51) Int. Cl.
A61F 2/24 (2006.01)
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(71) Sam King Pty Ltd
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 (21) 2023200613 (22) 07.02.2023
 (54) Structural Umbrella
 (51) Int. Cl.
E04H 15/28 (2006.01)
A45B 25/28 (2006.01)
A45B 23/00 (2006.01)
E04D 13/064 (2006.01)
E04D 13/068 (2006.01)
E04D 13/072 (2006.01)
E04H 15/32 (2006.01)
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 (31) 2022900248 (32) 08.02.22 (33) AU
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 (72) King, Sam
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Samsung Electronics Co., Ltd.
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 (21) 2023210665 (22) 04.08.2023
 (54) REFRIGERATOR
 (51) Int. Cl.
F25D 23/02 (2006.01)
F25D 21/14 (2006.01)
F25D 23/06 (2006.01)
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C07D 239/42 (2006.01)
A61P 3/06 (2006.01)
C07B 63/00 (2006.01)
 (43) 24.08.2023
 (72) GABRSCEK, Miran
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(71) Sequenom, Inc.
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 (54) Methods and processes for non-invasive assessment of genetic variations
 (51) Int. Cl.
C12Q 1/68 (2018.01)
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 (74) Davies Collison Cave Pty Ltd

(71) SES-Imagotag
 (11) AU-A-2023210567
 (21) 2023210567 (22) 01.08.2023
 (54) Method for locating electronic shelf labels in a retail area
 (51) Int. Cl.
G06Q 10/08 (2023.01)
G06Q 30/02 (2023.01)
 (43) 24.08.2023
 (62) 2017324473
 (72) Bottine, Philippe; Robin, François
 (74) FPA Patent Attorneys Pty Ltd

(71) SHANXI TIANBAO GROUP CO.,LTD
 (11) AU-A-2022204104
 (21) 2022204104 (22) 13.06.2022
 (54) PUNCHING DEVICE ARRANGED ON PRESS MACHINE TO FORGE WIND POWER FLANGE BLANK
 (51) Int. Cl.
B21K 23/04 (2006.01)
B21J 9/04 (2006.01)
B21J 13/10 (2006.01)
B21J 13/12 (2006.01)
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 (74) MOHAN MURALI KODIVEL

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 (11) AU-A-2023200681
 (21) 2023200681 (22) 08.02.2023
 (54) A PERIMETER FENCE AND METHOD OF CONSTRUCTION
 (51) Int. Cl.
E04H 17/14 (2006.01)
 (31) 2022900258 (32) 09.02.22 (33) AU
 (43) 24.08.2023
 (72) COOPER, PAUL
 (74) DAVIS IP PTY LTD

(71) Snap-on Incorporated
 (11) AU-A-2023210565
 (21) 2023210565 (22) 01.08.2023
 (54) TOOL ILLUMINATION SOURCE
 (51) Int. Cl.
B25B 23/18 (2006.01)
F21V 5/00 (2018.01)
F21V 33/00 (2006.01)
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 (54) PUMP
 (51) Int. Cl.
F04D 9/00 (2006.01)
F04D 29/22 (2006.01)
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 (21) 2023210615 (22) 03.08.2023
 (54) Waste collection unit for collecting waste material through a suction line during a medical procedure
 (51) Int. Cl.
A61M 1/00 (2006.01)
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 (21) 2023200674 (22) 08.02.2023
 (54) Side slope gully treatment structure
 (51) Int. Cl.
E02D 17/20 (2006.01)
E02D 31/06 (2006.01)
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 (54) Oral Hygiene Device
 (51) Int. Cl.
A61C 15/04 (2006.01)

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 (72) GIRO TEIXIDO, Andres
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 (54) SURGICAL CLIP
 (51) Int. Cl.
A61B 17/122 (2006.01)
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 (72) FOSHEE, David Lee; RAMSEY, Michael Dell
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(71) Thales DIS France SA
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 (21) 2023210595 (22) 02.08.2023
 (54) DATA CARRIER WITH TACTILE PRINTED AREA FOR INK WRITING DATA
 (51) Int. Cl.
B42D 25/425 (2014.01)
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 (72) Kaskiala, Toni
 (74) PHILLIPS ORMONDE FITZPATRICK

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 (54) Apparatuses and methods for inspecting a surface
 (51) Int. Cl.
G01S 17/894 (2020.01)
G01B 11/24 (2006.01)
G01B 11/25 (2006.01)
G01C 11/02 (2006.01)
G01C 11/04 (2006.01)
G01S 7/497 (2006.01)
G01S 17/04 (2020.01)
G01S 17/89 (2020.01)
G06T 7/00 (2017.01)
G06T 15/00 (2011.01)
 (31) 17/667,159 (32) 08.02.22 (33) US
 (43) 24.08.2023
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 (54) Situational awareness headset
 (51) Int. Cl.
G06T 19/00 (2011.01)
G02B 27/01 (2006.01)
G06F 3/01 (2006.01)
G06Q 50/30 (2012.01)
G06T 7/70 (2017.01)
G06T 7/80 (2017.01)
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(71) The Chinese University of Hong Kong
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 (54) Determination of base modifications of nucleic acids
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C12Q 1/6869 (2018.01)
C12N 15/11 (2006.01)
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 (54) RESOURCE RECOVERY FROM WOOD WASTES
 (51) Int. Cl.
C10B 57/02 (2006.01)
C10B 49/04 (2006.01)
C10B 53/02 (2006.01)
C10J 3/00 (2006.01)
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 (54) Management system
 (51) Int. Cl.
B60L 3/12 (2006.01)
B60L 58/10 (2019.01)
B60W 10/24 (2006.01)
B60W 50/00 (2006.01)
B60W 50/04 (2006.01)
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 (21) 2023214230 (22) 08.08.2023
 (54) TREATMENT OF SEPSIS AND RELATED INFLAMMATORY CONDITIONS BY LOCAL NEUROMODULATION OF THE AUTONOMIC NERVOUS SYSTEM
 (51) Int. Cl.
A61K 31/465 (2006.01)
A61K 9/10 (2006.01)
A61K 31/33 (2006.01)
A61K 39/395 (2006.01)
A61M 25/01 (2006.01)

A61P 29/00 (2006.01)
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 (21) 2023200520 (22) 01.02.2023
 (54) Vertical packaging machine
 (51) Int. Cl.
B65G 69/16 (2006.01)
B65B 9/20 (2012.01)
B65B 37/00 (2006.01)
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F16L 55/02 (2006.01)
 (31) EP2238211.7 (32) 10.02.22 (33) EP
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 (54) NEW COMPOSITION FOR INSECTICIDES
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A01N 65/36 (2009.01)
A01N 25/02 (2006.01)
A01N 35/02 (2006.01)
A01N 37/06 (2006.01)
A01N 43/20 (2006.01)
A01P 7/04 (2006.01)
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 (74) Baxter Patent Attorneys Pty Ltd

(71) University of Massachusetts
 (11) AU-A-2023210605
 (21) 2023210605 (22) 03.08.2023
 (54) Diagnosis and treatment of vitiligo
 (51) Int. Cl.
A61K 9/00 (2006.01)
C07K 14/715 (2006.01)
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 (51) Int. Cl.
C07D 333/38 (2006.01)
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(74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd

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(21) 2023210626

(71) VISA INTERNATIONAL SERVICE ASSOCIATION
(11) AU-A-2023210607
(21) 2023210607 **(22)** 03.08.2023
(54) SYSTEM, METHOD, AND COMPUTER PROGRAM PRODUCT FOR CONSENT MANAGEMENT
(51) Int. Cl.
G06F 21/60 (2013.01)
G06F 21/62 (2013.01)
H04W 12/08 (2021.01)
(43) 24.08.2023
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(72) Bella, Kimberly E.; Baid, Nirmal Kumar; Hedges, Robert B. Jr; Henstock, David Alan; Velur, Shashi Kumar; Gupta, Sonia; Hong, Cindy; Twichell, Jonathan
(74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd

(71) Vogelsang GmbH & Co. KG
(11) AU-A-2023200241
(21) 2023200241 **(22)** 18.01.2023
(54) SCREW CONVEYOR FOR A SCREW SEPARATOR AND MANUFACTURING METHOD FOR A SCREW CONVEYOR
(51) Int. Cl.
B30B 9/12 (2006.01)
B01D 29/11 (2006.01)
B30B 9/26 (2006.01)
B65G 33/14 (2006.01)
B65G 33/26 (2006.01)
C02F 11/125 (2019.01)
(31) 202022100751.9 **(32)** 10.02.22 **(33)** DE
(43) 24.08.2023
(72) Vogelsang, Hugo; Hartogh, Dr. Peter
(74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd

(71) Warrantee Inc.
(11) AU-A-2023210672
(21) 2023210672 **(22)** 04.08.2023
(54) Insurance management server, service providing system, and service providing method
(51) Int. Cl.
G06Q 40/08 (2012.01)
(43) 24.08.2023
(62) 2020242007
(72) SHONO, Yusuke
(74) LAMINAR IP PTY LTD

(71) WATSON, K.
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(21) 2022200766 **(22)** 04.02.2022
(54) A SWITCH
(51) Int. Cl.
H01R 13/213 (2006.01)

H01H 9/02 (2006.01)
H01R 13/02 (2006.01)
H01R 13/05 (2006.01)
H01R 13/11 (2006.01)
H01R 13/42 (2006.01)
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(43) 24.08.2023
(72) WATSON, Kevin
(74) Wynnes Patent and Trade Mark Attorneys Pty Ltd

(71) WATSON, C.
(11) AU-A-2022200800
(21) 2022200800 **(22)** 07.02.2022
(54) Biodegradable multifunctional fishing lure
(51) Int. Cl.
A01K 85/00 (2006.01)
A01K 85/18 (2006.01)
A01K 97/02 (2006.01)
(43) 24.08.2023
(72) WATSON, COREY
(74) COREY WATSON

(71) Wu, M.
(11) AU-A-2023200226
(21) 2023200226 **(22)** 17.01.2023
(54) ROTARY SHAFT OF A CEILING FAN AND CEILING FAN HAVING THE SAME
(51) Int. Cl.
F04D 25/08 (2006.01)
(31) 111104646 **(32)** 09.02.22 **(33)** TW
(43) 24.08.2023
(72) Wu, Meng-Tzu; Lee, Sheng-Pu
(74) Madderns Pty Ltd

Yang, H. see Zhang, W.
(21) 2023210573

(71) YEOH LIM, K.C.
(11) AU-A-2022200797
(21) 2022200797 **(22)** 04.02.2022
(54) All seeing eyes housing system
(51) Int. Cl.
H04N 7/18 (2006.01)
G02B 7/04 (2021.01)
G05B 15/02 (2006.01)
G05B 19/042 (2006.01)
H04N 17/00 (2006.01)
G06V 20/17 (2022.01)
G06V 20/52 (2022.01)
G06V 20/58 (2022.01)
G06V 40/16 (2022.01)
H04N 23/698 (2023.01)
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(72) YEOH LIM, Kelvin Chin
(74) Kelvin Chin YEOH LIM

(71) Zhang, W.; Yang, H.
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(21) 2023210573 **(22)** 01.08.2023
(54) Device And Method For Soil Moisture Stabilization And Tree Or Plant Protection
(51) Int. Cl.
A01G 13/02 (2006.01)
A01G 24/35 (2018.01)
A01G 25/02 (2006.01)
A01M 1/20 (2006.01)
(43) 24.08.2023
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(72) Zhang, Wei; Yang, Hailing
(74) WRAYS PTY LTD

(71) ZHEJIANG NARADA POWER SOURCE CO., LTD.; HANGZHOU NARADA POWER TECHNOLOGY CO., LTD.
(11) AU-A-2022374192
(21) 2022374192 **(22)** 09.02.2022
(54) CHARGING AND DISCHARGING ASSEMBLY, BATTERY CORE AND BATTERY MODULE
(51) Int. Cl.
G01R 31/36 (2020.01)
(43) 24.08.2023
(72) WANG, Yinglai; GUO, Feng; LI, Yanhong; JIANG, Qinxu; MA, Jing; XU, Likou; HUANG, Wen; FANG, Ling
(74) Madderns Pty Ltd

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2022200754	Pakd Outback Pty Ltd	2023210577	President and Fellows of Harvard College
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2022200766	WATSON, K.	2023210582	Sequenom, Inc.
2022200797	YEOH LIM, K.C.	2023210584	Rhombus Systems Group, Inc.
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2022200813	SAWANT, M.M.	2023210586	Hemispherian AS
2022201472	National University Corporation Hokkaido University	2023210587	Latch Systems, Inc.
2022201481	National University Corporation Hokkaido University	2023210591	Fundació Hospital Universitari Vall d'hebron - Institut de Recerca
2022202935	Procrewz, Inc.	2023210593	The Chinese University of Hong Kong
2022204104	SHANXI TIANBAO GROUP CO.,LTD	2023210594	Gilead Sciences, Inc.
2022271436	The Boeing Company	2023210595	Thales DIS France SA
2022287669	ABB Schweiz AG	2023210596	Locus Robotics Corp.
2022291442	Deere & Company	2023210598	Aristocrat Technologies Australia Pty Limited
2022291448	Deere & Company	2023210599	Ascendis Pharma Growth Disorders A/S
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2022328990	Sahajanand Medical Technologies Limited	2023210601	China Construction Science and Industry Corporation Ltd.
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2023200613	Sam King Pty Ltd	2023210648	EpinovaTech AB
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No IPC Mark

Innovation Patents Open to Public Inspection**Name Index**

. (*) Title not in Roman characters

. (**) Title not given

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

(71) Fantom Hardware Pty Ltd

(11) AU-A-2023100071

(21) 2023100071 **(22)** 28.07.2023

(54) A door stop

(51) Int. Cl.

E05C 17/56 (2006.01)

E05C 19/16 (2006.01)

(45) 24.08.2023

(62) 2022100147

(72) Sellar, Mark Andrew; Lush, Kylie Jane;
Lush, Clayton Steve

(74) BRM Patent Attorneys Pty Ltd

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PCT applications which have entered the National Phase

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

<p>(71) 10X GENOMICS, INC. (11) AU-A-2022227563 (21) 2022227563 (22) 22.02.2022 (54) PROBE-BASED ANALYSIS OF NUCLEIC ACIDS AND PROTEINS (51) Int. Cl. C12Q 1/6834 (2018.01) (87) WO2022/182682 (31) 63/152,709 (32) 23.02.21 (33) US 63/196,834 04.06.21 US 63/235,487 20.08.21 US 63/251,446 01.10.21 US (43) 01.09.2022 (72) PFEIFFER, Katherine; KOHLWAY, Andrew Scott; HILL, Andrew John; LUND, Paul Eugene (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd</p>	<p>(71) A2 BIOTHERAPEUTICS, INC. (11) AU-A-2022221606 (21) 2022221606 (22) 16.02.2022 (54) COMPOSITIONS AND METHODS FOR TREATING HER2 POSITIVE CANCERS (51) Int. Cl. C07K 14/705 (2006.01) C12N 5/0783 (2010.01) C12N 15/62 (2006.01) (87) WO2022/177979 (31) 63/149,952 (32) 16.02.21 (33) US (43) 25.08.2022 (72) OH, Julyun; XU, Han; KAMB, Carl Alexander; ANDO, Yuta; HAMBURGER, Agnes; MOCK, Jee Young (74) Davies Collison Cave Pty Ltd</p>	<p>(31) 202110985093.8 (32) 25.08.21 (33) CN (43) 02.03.2023 (72) FEI, Dai; XU, Shunli; GONG, Xiaopeng; WANG, Yu; YAO, Fengjie (74) Madderns Pty Ltd</p>
<p>(71) 4D MEDICINE LIMITED (11) AU-A-2022212775 (21) 2022212775 (22) 28.01.2022 (54) RESIN COMPOSITION (51) Int. Cl. C08G 18/44 (2006.01) B33Y 10/00 (2015.01) B33Y 70/10 (2020.01) C08G 18/75 (2006.01) C08G 18/81 (2006.01) C08G 75/045 (2016.01) C09D 175/06 (2006.01) (87) WO2022/162385 (31) 2101142.4 (32) 28.01.21 (33) GB (43) 04.08.2022 (72) DOVE, Andrew Peter; WEEMS, Andrew Christopher (74) WRAYS PTY LTD</p>	<p>(71) ABRAIN (11) AU-A-2022211959 (21) 2022211959 (22) 28.01.2022 (54) GENE THERAPY FOR TREATING NEURODEGENERATIVE DISEASES (51) Int. Cl. C07K 14/47 (2006.01) A61K 48/00 (2006.01) A61P 25/28 (2006.01) C12N 9/02 (2006.01) (87) WO2022/164259 (31) 10-2021-0012117 (32) 28.01.21 (33) KR (43) 04.08.2022 (72) PARK, Kyung Won (74) Davies Collison Cave Pty Ltd</p>	<p>(71) ACTIVE BIOTECH AB (11) AU-A-2022208424 (21) 2022208424 (22) 17.01.2022 (54) TASQUINIMOD OR A PHARMACEUTICALLY ACCEPTABLE SALT THEREOF FOR USE IN THE TREATMENT OF MYELODYSPLASTIC SYNDROME (51) Int. Cl. A61K 31/4704 (2006.01) A61K 9/00 (2006.01) A61K 35/00 (2006.01) A61N 5/00 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01) (87) WO2022/152902 (31) 21152018.4 (32) 18.01.21 (33) EP 21205665.9 29.10.21 EP 21201509.3 07.10.21 EP (43) 21.07.2022 (72) WOBUS, Manja; SOCKEL, Katja; BORNHÄUSER, Martin (74) Davies Collison Cave Pty Ltd</p>
<p>(71) 6K INC. (11) AU-A-2022224638 (21) 2022224638 (22) 18.02.2022 (54) SYSTEMS AND METHODS FOR SILICON OXYCARBIDE CERAMIC MATERIALS COMPRISING SILICON METAL (51) Int. Cl. C04B 35/00 (2006.01) C04B 35/56 (2006.01) C04B 35/571 (2006.01) C23C 4/134 (2016.01) C23C 16/511 (2006.01) C23C 16/513 (2006.01) (87) WO2022/178265 (31) 63/152,147 (32) 22.02.21 (33) US (43) 25.08.2022 (72) HOLMAN, Richard, K.; PULLEN, Adrian (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd</p>	<p>(71) ABRAIN (11) AU-A-2022213255 (21) 2022213255 (22) 28.01.2022 (54) GENE THERAPY FOR TREATING NEURODEGENERATIVE DISEASES (51) Int. Cl. C12N 15/62 (2006.01) A61K 48/00 (2006.01) A61P 25/28 (2006.01) C07K 14/47 (2006.01) C12N 15/86 (2006.01) (87) WO2022/164260 (31) 10-2021-0012118 (32) 28.01.21 (33) KR (43) 04.08.2022 (72) PARK, Kyung Won (74) Davies Collison Cave Pty Ltd</p>	<p>(71) ADAGENE PTE. LTD. (11) AU-A-2022219133 (21) 2022219133 (22) 11.02.2022 (54) ANTI-CD3 ANTIBODIES AND METHODS OF USE THEREOF (51) Int. Cl. C07K 16/18 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 16/46 (2006.01) C07K 19/00 (2006.01) C12N 15/13 (2006.01) C12N 15/63 (2006.01) C12P 21/08 (2006.01) (87) WO2022/171192 (31) PCT/ CN2021/076626 (32) 11.02.21 (33) CN PCT/ 28.07.21 CN CN2021/109057 (43) 18.08.2022 (72) DU, Fangyong; LUO, Peter Peizhi; LI, Yan; LIU, Guizhong (74) AJ PARK</p>
<p>(71) ACCU TARGET MEDIPHARMA (SHANGHAI) CO., LTD. (11) AU-A-2022334061 (21) 2022334061 (22) 10.08.2022 (54) METHOD FOR ACCURATELY POSITIONING NAVIGATION TARGET POINT (51) Int. Cl. A61B 34/20 (2016.01) (87) WO2023/024903</p>	<p>(71) ADAMA AUSTRALIA PTY LIMITED (11) AU-A-2022207358 (21) 2022207358 (22) 14.01.2022 (54) HIGHLY LOADED EMULSIFIABLE CONCENTRATE FORMULATION OF TRICLOPYR AND PICLORAM (51) Int. Cl. A01N 25/04 (2006.01)</p>	

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A01P 13/00 (2006.01)
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(72) JOHNSTONE, James; DALTON, Alan; LYNCH, Peter; LARGE, Matthew; OGILVIE, Sean
(74) FPA Patent Attorneys Pty Ltd

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C07K 14/005 (2006.01)
C12N 15/90 (2006.01)
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(74) FB Rice Pty Ltd

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B63C 9/01 (2006.01)
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(72) DAKE, Ben; NIVEN, Ralph
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B60K 37/06 (2006.01)
B62D 1/24 (2006.01)
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(72) BUCHER, Timothy; HOLMES, Steven; EAGER, Terrin
(74) AJ Pietras IP Limited

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(71) AIBERRY, INC.
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(54) MULTIMODAL ANALYSIS COMBINING MONITORING MODALITIES TO ELICIT COGNITIVE STATES AND PERFORM SCREENING FOR MENTAL DISORDERS
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(72) HOWARD, Newton; PORIA, Soujanya; MAJUMDER, Navonil; KANAREYKIN, Sergey; RAWLLEY, Sangit; JUAREZ, Tanya
(74) Spruson & Ferguson

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(54) ANTI-FGFR3 ANTIBODY AND USE THEREOF
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C07K 16/28 (2006.01)
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A61P 35/00 (2006.01)
C12Q 1/6886 (2018.01)
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A61K 38/00 (2006.01)
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(72) FANTON, Michael; TANG, Jordan; LOEWKE, Kevin; MAEDER-YORK, Paxton; TERAN, Melissa; LOWN, Mark; ROTHMAN, Arielle Sarah; NUTTING, Veronica Isabella
(74) RnB IP Pty Ltd

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(54) SUBTERRANEAN PLACEMENT OF LIGNOCELLULOSIC MATERIALS
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E02D 3/00 (2006.01)
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(72) ALLEN, III, Laurence E.; ALLEN, IV, Laurence E.
(74) BRM Patent Attorneys Pty Ltd

(71) ALNYLAM PHARMACEUTICALS, INC.
(11) AU-A-2022226098
(21) 2022226098 **(22)** 18.02.2022
(54) KETOHEXOKINASE (KHK) iRNA COMPOSITIONS AND METHODS OF USE THEREOF
(51) Int. Cl.
C12N 15/113 (2010.01)
A61K 31/713 (2006.01)
A61P 3/06 (2006.01)
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(72) NOETZLI, Leila; MCININCH, James, D.; TREMBLAY, Frederic; SCHLEGEL, Mark, K.; CASTORENO, Adam
(74) Griffith Hack

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 (21) 2022234754 (22) 18.02.2022
 (54) A PHOTOVOLTAIC MODULE HAVING A DESIRED APPEARANCE
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 H01L 31/0468 (2014.01)
 G09F 15/00 (2006.01)
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 (72) ALAMEH, Kamal
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- (71) AMICUS THERAPEUTICS, INC.
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 (54) RECOMBINANT HUMAN ACID AL-PHA-GLUCOSIDASE AND USES THEREOF
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 A61K 38/47 (2006.01)
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 (72) DO, Hung; GOTSCHALL, Russell; CHAR, Hing; BARTH, Jay
 (74) Dark IP
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- (71) AMO GRONINGEN B.V.
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 A61B 3/06 (2006.01)
 A61F 2/16 (2006.01)
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 (72) ALARCON HEREDIA, Aixa; ROSEN, Robert; STATE, Mihai; A. PIERS, Patricia
 (74) FPA Patent Attorneys Pty Ltd
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- (71) ANDRITZ HYDRO GMBH
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 (72) JOHN, Alexander; WEINBERGER, Christoph; STADLHOFER, Siegfried
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- (71) ANGIOWAVE IMAGING, LLC; BUTLER, W.E.
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 (72) BUTLER, William, E.; AN-DRADE-LOARCA, Hector
 (74) WRAYS PTY LTD
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 F16B 5/08 (2006.01)
 E04B 1/19 (2006.01)
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 (72) RAMSAY, Barry Warwick
 (74) AJ PARK
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 A61K 31/5025 (2006.01)
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 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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 A01J 7/04 (2006.01)
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C07D 401/04 (2006.01)
A61K 31/513 (2006.01)
A61P 9/10 (2006.01)
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 (72) OKADA Makoto; NAKANO Youichi; NOSE Takashi; MAEDA Satoshi; WATANABE Tomoaki
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F16K 11/065 (2006.01)
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 (72) AMARAL COSTA, André; PÉREZ REGIDOR, Jerónimo Francisco; ANDRADE RIBEIRO, João Nuno
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 (51) Int. Cl.
H01M 4/1399 (2010.01)
C08J 3/215 (2006.01)
C08K 3/04 (2006.01)
H01G 11/36 (2013.01)
H01M 4/62 (2006.01)
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A61P 31/00 (2006.01)
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A62B 18/00 (2006.01)
D21H 17/06 (2006.01)
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G06T 17/00 (2006.01)
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G16H 30/40 (2018.01)
G16H 50/50 (2018.01)
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F27B 21/02 (2006.01)
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A61M 11/02 (2006.01)
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A61M 16/06 (2006.01)
B65D 5/76 (2006.01)
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A61K 8/04 (2006.01)
A61K 8/25 (2006.01)
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G06Q 50/02 (2012.01)
G06V 40/20 (2022.01)
G08B 21/02 (2006.01)
G08B 21/04 (2006.01)
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C12N 15/10 (2006.01)
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D03D 15/513 (2021.01)
A62C 2/10 (2006.01)
E04B 1/94 (2006.01)
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C07K 16/36 (2006.01)
A61K 31/4162 (2006.01)
A61P 7/02 (2006.01)
C07K 16/42 (2006.01)
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A61P 7/02 (2006.01)
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C12N 5/078 (2010.01)
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C07K 17/02 (2006.01)
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C01B 3/26 (2006.01)
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A61K 47/42 (2017.01)
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C09K 5/04 (2006.01)
F25B 1/00 (2006.01)
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A61J 1/20 (2006.01)
A61M 39/10 (2006.01)
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A61K 31/4184 (2006.01)
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A61K 31/025 (2006.01)
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(51) Int. Cl.
A61K 31/715 (2006.01)
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 SYSTEM
(51) Int. Cl.
B01J 19/14 (2006.01)
C01B 32/05 (2017.01)
C08F 20/44 (2006.01)
C08F 220/44 (2006.01)
D01F 6/18 (2006.01)
D01F 6/38 (2006.01)
D01F 6/54 (2006.01)
D01F 9/12 (2006.01)
D01F 9/14 (2006.01)
D01F 9/16 (2006.01)
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A61K 38/00 (2006.01)
A61K 47/22 (2006.01)
A61K 47/28 (2006.01)
A61P 31/12 (2006.01)
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F21V 15/01 (2006.01)
E04F 13/06 (2006.01)
F21V 33/00 (2006.01)
F21Y 103/00 (2016.01)
F21Y 115/20 (2016.01)
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A61B 17/64 (2006.01)
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A61F 2/44 (2006.01)
B29C 64/106 (2017.01)
B29C 64/112 (2017.01)
B29C 64/118 (2017.01)
B29C 64/245 (2017.01)
B33Y 10/00 (2015.01)
B33Y 80/00 (2015.01)
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 A PRODUCT CONTAINER
(51) Int. Cl.
B05B 7/24 (2006.01)
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C02F 1/36 (2023.01)
C12N 1/20 (2006.01)
E02B 15/00 (2006.01)
G16Y 20/10 (2020.01)
G16Y 40/10 (2020.01)
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F25D 23/02 (2006.01)
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 (54) ANTI-AMYLOID BETA ANTIBODIES AND USES THEREOF
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C07K 16/18 (2006.01)
A61K 39/395 (2006.01)
A61P 25/00 (2006.01)
A61P 25/28 (2006.01)
G01N 33/50 (2006.01)
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A61K 31/4439 (2006.01)
A61K 31/4741 (2006.01)
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C07K 16/18 (2006.01)
A61K 39/395 (2006.01)
A61P 25/28 (2006.01)
G01N 33/53 (2006.01)
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C07H 17/00 (2006.01)
A61K 31/436 (2006.01)
A61P 35/00 (2006.01)
C07D 491/052 (2006.01)
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C07J 71/00 (2006.01)
A61P 17/00 (2006.01)
A61P 19/02 (2006.01)
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 (54) INCRETIN ANALOG-CONTAINING COMPOSITIONS AND USES THEREOF
 (51) Int. Cl.
A61K 9/00 (2006.01)
A61K 38/00 (2006.01)
A61K 47/10 (2017.01)
A61K 47/26 (2006.01)
A61P 3/10 (2006.01)
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C07K 16/18 (2006.01)
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B32B 27/12 (2006.01)
B32B 5/02 (2006.01)
B32B 5/26 (2006.01)
B32B 7/023 (2019.01)
B32B 27/18 (2006.01)
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A61N 1/36 (2006.01)
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C08L 63/00 (2006.01)
B32B 15/04 (2006.01)
B32B 15/085 (2006.01)
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A61J 1/20 (2006.01)
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A61K 9/51 (2006.01)
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B65D 85/804 (2006.01)
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(54) MEDIA PROCESSING METHOD, DEVICE AND SYSTEM
(51) Int. Cl.
G06F 3/01 (2006.01)
G06F 3/0484 (2022.01)
G11B 27/00 (2006.01)
H04N 21/00 (2011.01)
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G11B 27/00 (2006.01)
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 Aurélie
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G06Q 50/34 (2012.01)
G07F 17/32 (2006.01)
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(31) 2021900041 **(32)** 11.01.21 **(33)** AU
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(74) Murray Trento & Associates Pty Ltd

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 METHODS
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A61B 18/04 (2006.01)
A61B 1/015 (2006.01)

A61B 18/00 (2006.01)
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A61F 7/12 (2006.01)
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(31) 63/161,857 **(32)** 16.03.21 **(33)** US
(43) 22.09.2022
(72) HOEY, Michael; HASTINGS, Roger,
 Noel; FRENCH, Anthony, Christi-
 an; SCHROM, Mark; JERKE, Eric;
 ASKEGAARD, Gunnar; NAEGELI,
 Chad
(74) RnB IP Pty Ltd

(71) FREEDMAN ELECTRONICS PTY LTD
(11) AU-A-202225827
(21) 202225827 **(22)** 08.02.2022
(54) WIRELESS MICROPHONE SYSTEM
 AND METHODS
(51) Int. Cl.
H04R 3/00 (2006.01)
G10L 19/00 (2013.01)
G11B 20/10 (2006.01)
H04R 29/00 (2006.01)
(87) WO2022/178569
(31) 17/183,173 **(32)** 23.02.21 **(33)** US
(43) 01.09.2022
(72) SCHILLEBEECKX, Pieter; TER LAAK,
 Joost
(74) FOUNDRY INTELLECTUAL PROP-
 ERTY PTY LTD

(71) FREEDMAN ELECTRONICS PTY LTD
(11) AU-A-202226845
(21) 202226845 **(22)** 08.02.2022
(54) WINDSHIELD FOR WIRELESS MI-
 CROPHONE
(51) Int. Cl.
H04R 1/08 (2006.01)
G10K 11/00 (2006.01)
(87) WO2022/178570
(31) 17/183,173 **(32)** 23.02.21 **(33)** US
(43) 01.09.2022
(72) SCHILLEBEECKX, Pieter; TER LAAK,
 Joost
(74) FOUNDRY INTELLECTUAL PROP-
 ERTY PTY LTD

(71) FREEDMAN ELECTRONICS PTY LTD
(11) AU-A-202227433
(21) 202227433 **(22)** 08.02.2022
(54) ANTENNA FOR WIRELESS MICRO-
 PHONE
(51) Int. Cl.
H01Q 9/04 (2006.01)
H01Q 1/22 (2006.01)
H01Q 9/06 (2006.01)
H01Q 9/16 (2006.01)
H01Q 9/26 (2006.01)
H01Q 9/28 (2006.01)
(87) WO2022/178571
(31) 17/183,173 **(32)** 23.02.21 **(33)** US
(43) 01.09.2022
(72) SCHILLEBEECKX, Pieter; TER LAAK,
 Joost
(74) FOUNDRY INTELLECTUAL PROP-
 ERTY PTY LTD

(71) FREELAND, N.; FREELAND, D.
(11) AU-A-2021425005
(21) 2021425005 **(22)** 05.02.2021
(54) APPARATUS, SYSTEM AND/OR
 METHOD FOR BRAKING A SHOP-
 PING CART
(51) Int. Cl.
B62B 5/04 (2006.01)
B62B 3/00 (2006.01)
G06Q 30/02 (2023.01)
(87) WO2022/165579
(43) 11.08.2022
(72) FREELAND, Nathan; FREELAND, Dav-
 id
(74) Spruson & Ferguson

(71) FUJIKURA LTD.
(11) AU-A-2022276276
(21) 2022276276 **(22)** 27.04.2022
(54) OPTICAL CABLE
(51) Int. Cl.
G02B 6/44 (2006.01)
(87) WO2022/244609
(31) 2021-083454 **(32)** 17.05.21 **(33)** JP
(43) 24.11.2022
(72) SATO, Shinnosuke; HIKIMA, Daisuke;
 TAKEDA, Daiki; OSATO, Ken
(74) PHILLIPS ORMONDE FITZPATRICK

(71) FUJITSU LIMITED
(11) AU-A-2021432372
(21) 2021432372 **(22)** 12.03.2021
(54) RELAY CONTROL METHOD, RELAY
 CONTROL PROGRAM, RELAY CON-
 TROL DEVICE, AND INFORMATION
 PROCESSING SYSTEM
(51) Int. Cl.
G06F 21/34 (2013.01)
G06F 21/32 (2013.01)
(87) WO2022/190388
(43) 15.09.2022
(72) HANADA, Yuichi; SHINZAKI, Takashi;
 ONOZU, Takayuki; SUEYASU, Yoshi-
 taka; ISHISAKI, Wataru
(74) Spruson & Ferguson

(71) FUNDACIÓN PARA LA
 INVESTIGACIÓN DEL HOSPITAL UNI-
 VERSITARIO Y POLITÉCNICO LA FE
 DE LA COMUNIDAD VALENCIANA;
 UNIVERSITAT POLITÈCNICA DE
 VALÈNCIA; ASOCIACIÓN INSTITUTO
 DE BIOMECÁNICA DE VALENCIA;
 CONSEJO SUPERIOR DE INVEST-
 IGACIONES CIENTÍFICAS (CSIC)
(11) AU-A-2022219304
(21) 2022219304 **(22)** 14.02.2022
(54) DEVICE FOR PROSTATE PALPATION
(51) Int. Cl.
A61B 5/00 (2006.01)
A61B 8/00 (2006.01)
(87) WO2022/171924
(31) P202130115 **(32)** 15.02.21 **(33)** ES
(43) 18.08.2022
(72) VERA DONOSO, César David;
 BORONAT TORMO, Francisco de
 Paula; JIMÉNEZ GONZÁLEZ, Noé;
 CAMARENA FEMENÍA, Francisco;

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- ATIENZA VICENTE, Carlos Manuel;
MORAGA MAESTRE, Ramón
(74) Integrated IP
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- (71)** GAMMADDELTA THERAPEUTICS LTD
(11) AU-A-2022224391
(21) 2022224391 **(22)** 17.02.2022
(54) ANTI-TCR DELTA VARIABLE 1 ANTI-BODIES
(51) Int. Cl.
A61P 35/00 (2006.01)
A61K 35/17 (2015.01)
C07K 16/24 (2006.01)
C07K 16/28 (2006.01)
C07K 16/30 (2006.01)
C07K 16/32 (2006.01)
C07K 16/40 (2006.01)
C12N 5/0783 (2010.01)
(87) WO2022/175413
(31) 2102224.9 **(32)** 17.02.21 **(33)** GB
2111685.0 14.08.21 GB
(43) 25.08.2022
(72) TUNA, Mihriban; UDEN, Mark;
MOUNT, Natalie; FREEDMAN, Joshua;
POLYAKOVA, Oxana; GOOD, Robert;
BHUMBRA, Shefali; MCGINLEY, Aoife;
FOXLER, Dan
(74) Davies Collison Cave Pty Ltd
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- (71)** GC CORPORATION
(11) AU-A-2021425801
(21) 2021425801 **(22)** 07.12.2021
(54) DENTAL ADHESIVE COMPOSITION
(51) Int. Cl.
A61K 6/887 (2020.01)
(87) WO2022/168429
(31) 2021-017790 **(32)** 05.02.21 **(33)** JP
(43) 11.08.2022
(72) FUJIMORI, Kensuke; YAMASHITA,
Miki; HONDA, Kosuke
(74) Spruson & Ferguson
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- (71)** GD MIDEA HEATING & VENTILATING EQUIPMENT CO., LTD.; MIDEA GROUP CO., LTD.
(11) AU-A-2021425176
(21) 2021425176 **(22)** 26.09.2021
(54) HEAT EXCHANGER AND MANUFACTURING METHOD THEREFOR, ELECTRIC CONTROL BOX, AND AIR CONDITIONING SYSTEM
(51) Int. Cl.
F24F 1/0063 (2019.01)
F24F 1/0067 (2019.01)
F24F 1/24 (2011.01)
F25B 39/04 (2006.01)
(87) WO2022/166223
(31) 202110183051.2 **(32)** 08.02.21 **(33)** CN
(43) 11.08.2022
(72) LI, Zhaohui; LUO, Yuzhao; LI, Feng
(74) A.P.T. Patent and Trade Mark Attorneys
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- (71)** GD MIDEA HEATING & VENTILATING EQUIPMENT CO., LTD.; HEFEI MIDEA HEATING & VENTILATING EQUIPMENT CO., LTD.
(11) AU-A-2021426343
(21) 2021426343 **(22)** 30.09.2021
(54) HEAT EXCHANGER, ELECTRIC CONTROL BOX AND AIR CONDITIONING SYSTEM
(51) Int. Cl.
F28D 7/00 (2006.01)
F28F 9/00 (2006.01)
(87) WO2022/166236
(31) 202120368961.3 **(32)** 08.02.21 **(33)** CN
(43) 11.08.2022
(72) LI, Zhaohui; LI, Feng; LI, Hongwei;
WANG, Guochun; LUO, Yuzhao
(74) A.P.T. Patent and Trade Mark Attorneys
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- (71)** GENENTECH, INC.
(11) AU-A-2022232361
(21) 2022232361 **(22)** 08.03.2022
(54) ESTIMATING HLA EXPRESSION LOSS
(51) Int. Cl.
G16B 20/20 (2019.01)
G16B 30/00 (2019.01)
(87) WO2022/192304
(31) 63/158,306 **(32)** 08.03.21 **(33)** US
(43) 15.09.2022
(72) WU, Thomas Dee; ZILL, Oliver Anthony; CHEN, Jieming; FORREST, William Frederick, III; HAMMER, Christian
(74) Griffith Hack
-
- (71)** GENETECH, INC.
(11) AU-A-2022245325
(21) 2022245325 **(22)** 25.03.2022
(54) ESTIMATION OF MECHANISTIC CHROMATOGRAPHY MODEL UNCERTAINTY
(51) Int. Cl.
G06F 30/20 (2020.01)
G06F 111/08 (2020.01)
(87) WO2022/204453
(31) 63/166,939 **(32)** 26.03.21 **(33)** US
(43) 29.09.2022
(72) LYALL, Jessica Yang; THOMPSON, Connor James; BURGESS, Sean Mackenzie
(74) Griffith Hack
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- (71)** GENTEX CORPORATION
(11) AU-A-2022223975
(21) 2022223975 **(22)** 18.02.2022
(54) HELMET MOUNTED VISOR ASSEMBLY
(51) Int. Cl.
A42B 3/22 (2006.01)
A42B 3/00 (2006.01)
A42B 3/04 (2006.01)
A42B 3/18 (2006.01)
A42B 3/32 (2006.01)
(87) WO2022/178213
(31) 63/152,039 **(32)** 22.02.21 **(33)** US
(43) 25.08.2022
(72) NOORDZIJ, Duco
(74) Spruson & Ferguson
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- (71)** GEORG FISCHER HARVEL LLC
(11) AU-A-2022208351
(21) 2022208351 **(22)** 07.01.2022
(54) COUPLING ASSEMBLY FOR PIPES
(51) Int. Cl.
F16L 21/00 (2006.01)
(87) WO2022/153152
(31) 17/151,304 **(32)** 18.01.21 **(33)** US
(43) 21.07.2022
(72) BEUTLER, Michael Paul; PETERS, Nicholas Bryant
(74) FB Rice Pty Ltd
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- (71)** GEORGIA TECH RESEARCH CORPORATION
(11) AU-A-2022218696
(21) 2022218696 **(22)** 09.02.2022
(54) UNIFIED CONTROL STRATEGIES FOR GRID-CONNECTED CONVERTERS
(51) Int. Cl.
H02J 50/12 (2016.01)
(87) WO2022/173791
(31) 63/147,630 **(32)** 09.02.21 **(33)** US
(43) 18.08.2022
(72) MIRANBEIGI, Mohammadreza; KANDULA, Rajendra Prasad; DIVAN, Deepak M.
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71)** GOJO INDUSTRIES, INC.
(11) AU-A-2022217742
(21) 2022217742 **(22)** 31.01.2022
(54) SEQUENTIALLY ACTIVATED MULTI-DIAPHRAGM FOAM PUMPS, REFILL UNITS AND DISPENSER SYSTEMS HAVING A NON-UNIFORM WOBBLE PLATE
(51) Int. Cl.
F04B 13/02 (2006.01)
A47K 5/12 (2006.01)
F04B 23/02 (2006.01)
F04B 43/00 (2006.01)
F04B 43/02 (2006.01)
F04B 43/04 (2006.01)
F04B 45/04 (2006.01)
F04B 45/047 (2006.01)
(87) WO2022/169697
(31) 63/145,025 **(32)** 03.02.21 **(33)** US
(43) 11.08.2022
(72) LOUIS, Jeffrey S.
(74) Collison & Co
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- (71)** GOOGLE LLC
(11) AU-A-2022417378
(21) 2022417378 **(22)** 14.12.2022
(54) SAFE BATTERY CHARGING DURING HIGH AMBIENT TEMPERATURES
(51) Int. Cl.
H02J 7/00 (2006.01)
(87) WO2023/122464
(31) 63/293,255 **(32)** 23.12.21 **(33)** US
(43) 29.06.2023
(72) WANG, David; RAGHUPATHY, Arun Prakash; YE, Chang Hong; RYLANDER, Ford
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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<p>(71) GRAVITRICITY LTD (11) AU-A-2022221114 (21) 2022221114 (22) 09.02.2022 (54) ENERGY STORAGE SYSTEM WITH FUEL GAS (51) Int. Cl. <i>F03G 3/00</i> (2006.01) (87) WO2022/171695 (31) 2101753.8 (32) 09.02.21 (33) GB (43) 18.08.2022 (72) WRIGHT, Martin; FRAENKEL, Peter (74) Golja Haines & Friend</p>	<p><i>B32B 5/22</i> (2006.01) <i>B32B 5/02</i> (2006.01) <i>B32B 5/10</i> (2006.01) <i>B32B 5/12</i> (2006.01) <i>B32B 5/18</i> (2006.01) <i>B32B 5/26</i> (2006.01) <i>B32B 7/022</i> (2019.01) <i>B32B 7/03</i> (2019.01) (87) WO2022/150365 (31) 63/134,117 (32) 05.01.21 (33) US 63/162,066 17.03.21 US (43) 14.07.2022 (72) ROBERTZ, Troy; EVERS, Peter; DUMEAH, Joseph; AMBERS, Rick; LOPEZ, Arturo (74) LAMINAR IP PTY LTD</p>	<p>(43) 22.09.2022 (72) ZAJAC, Maciej; PATO, Nicolas; SKO-CEK, Jan (74) Griffith Hack</p>
<p>(71) Halliburton Energy Services, Inc. (11) AU-A-2022325171 (21) 2022325171 (22) 07.02.2022 (54) Organic esters with electron withdrawing groups for use in subterranean formations (51) Int. Cl. <i>C09K 8/72</i> (2006.01) (43) 24.08.2023 (72) ZHOU, Hui; BOSE, Sohini (74) Spruson & Ferguson</p>	<p>(71) HANWHA SOLUTIONS CORPORATION (11) AU-A-2021422021 (21) 2021422021 (22) 21.05.2021 (54) SOLAR CELL STACK PASSIVATION STRUCTURE AND PREPARATION METHOD THEREFOR (51) Int. Cl. <i>H01L 31/0216</i> (2014.01) <i>H01L 31/18</i> (2006.01) (87) WO2022/156102 (31) 202110065969.7 (32) 19.01.21 (33) CN 202110396614.6 14.04.21 CN (43) 28.07.2022 (72) ZHANG, Xuelling; LIU, Wei; CHEN, Hong; JIAN, Lei; CHEN, Yifeng (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD</p>	<p>(71) HELLA GMBH & CO. KGAA (11) AU-A-2021425715 (21) 2021425715 (22) 02.02.2021 (54) FLASHING LIGHT COMPRISING A PRINTED CIRCUIT BOARD ON WHICH LEDS ARE ARRANGED AS LIGHT SOURCES AND REFLECTORS FOR SHAPING THE LIGHT EMITTED BY THE LEDS (51) Int. Cl. <i>F21V 7/00</i> (2006.01) <i>B64F 1/20</i> (2006.01) <i>F21W 111/00</i> (2006.01) <i>F21Y 103/33</i> (2016.01) <i>F21Y 107/90</i> (2016.01) <i>F21Y 115/10</i> (2016.01) (87) WO2022/167053 (43) 11.08.2022 (72) BASALIGA, Doru-Calin; DRAGHICI, Marian; DRAGOMIR, Marius, Nicolae; FIRU, Adrian, Ciprian; GOGONEA, Adrian, Marius; MATEI, Florin, Ovidiu; PARDUT, Ovidiu, Cristian; SIRBU, Gabriel; STAN, Liviu, Nicolae (74) Griffith Hack</p>
<p>(71) HALLIBURTON ENERGY SERVICES, INC. (11) AU-A-2021439739 (21) 2021439739 (22) 06.04.2021 (54) NOZZLE ASSEMBLY FOR SHUNT TUBE SYSTEMS (51) Int. Cl. <i>E21B 43/08</i> (2006.01) <i>E21B 33/12</i> (2006.01) <i>E21B 43/10</i> (2006.01) (87) WO2022/216273 (31) 17/223,195 (32) 06.04.21 (33) US (43) 13.10.2022 (72) GRECI, Stephen Michael; NOVELEN, Ryan M.; GRANT, David; YIN, Weiqi (74) Spruson & Ferguson</p>	<p>(71) HEART REPAIR TECHNOLOGIES, INC. (11) AU-A-2022226323 (21) 2022226323 (22) 04.02.2022 (54) TRANSVALVULAR INTRAANNULAR IMPLANT FOR VALVE REPAIR (51) Int. Cl. <i>A61F 2/24</i> (2006.01) <i>A61L 27/06</i> (2006.01) <i>A61M 25/01</i> (2006.01) (87) WO2022/183159 (31) 63/154,268 (32) 26.02.21 (33) US 63/162,174 17.03.21 US (43) 01.09.2022 (72) SUBRAMANIAN, Valavanur A.; RE-IS, Gene; BUCHBINDER, Maurice; MACNEIL, Tim (74) Wallington-Dummer</p>	<p>(71) HIPURA PTY LTD (11) AU-A-2022306695 (21) 2022306695 (22) 05.07.2022 (54) "PROCESS FOR PRODUCING HIGH PURITY ALUMINIUM MATERIALS" (51) Int. Cl. <i>C01F 7/20</i> (2006.01) <i>C22B 7/00</i> (2006.01) <i>C22B 21/00</i> (2006.01) (87) WO2023/279151 (31) 2021902044 (32) 05.07.21 (33) AU (43) 12.01.2023 (72) WELHAM, Nicholas James (74) WRAYS PTY LTD</p>
<p>(71) HALLIBURTON ENERGY SERVICES, INC. (11) AU-A-2021440755 (21) 2021440755 (22) 12.04.2021 (54) EXPANDABLE METAL AS BACKUP FOR ELASTOMERIC ELEMENTS (51) Int. Cl. <i>E21B 33/128</i> (2006.01) <i>E21B 23/06</i> (2006.01) <i>E21B 33/1295</i> (2006.01) (87) WO2022/220792 (31) 17/228,291 (32) 12.04.21 (33) US (43) 20.10.2022 (72) FRIPP, Michael Linley; GRECI, Stephen Michael; PELTO, Christopher Michael (74) Spruson & Ferguson</p>	<p>(71) HEIDELBERG MATERIALS AG (11) AU-A-2022239669 (21) 2022239669 (22) 02.03.2022 (54) METHOD AND DEVICE FOR CARBONATION (51) Int. Cl. <i>C04B 18/06</i> (2006.01) <i>B03B 5/32</i> (2006.01) <i>B04B 1/10</i> (2006.01) <i>C04B 20/02</i> (2006.01) <i>C04B 22/06</i> (2006.01) (87) WO2022/194559 (31) 21163464.7 (32) 18.03.21 (33) EP</p>	<p>(71) HITACHI INDUSTRIAL PRODUCTS, LTD. (11) AU-A-2021430176 (21) 2021430176 (22) 15.10.2021 (54) ROTATING ELECTRIC MACHINE AND DUMP TRUCK ROTATING ELECTRIC MACHINE SYSTEM USING SAME (51) Int. Cl. <i>H02K 13/00</i> (2006.01) <i>H02K 16/00</i> (2006.01) (87) WO2022/180922 (31) 2021-028484 (32) 25.02.21 (33) JP (43) 01.09.2022 (72) KORI Daisuke; SUGIMOTO Shinji; FUJII Katsuhiko; TSUCHITANI Osamu; SATO Misato (74) Davies Collison Cave Pty Ltd</p>
<p>(71) HANWHA AZDEL, INC. (11) AU-A-2022206203 (21) 2022206203 (22) 05.01.2022 (54) FLOORING AND FLOOR PANELS AND VEHICLES INCLUDING THEM (51) Int. Cl.</p>	<p>(71) HOLLISTER INCORPORATED (11) AU-A-2022230435 (21) 2022230435 (22) 04.03.2022</p>	<p></p>

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

- (54) STOMA AND PERISTOMAL IMAGING AND QUANTIFICATION OF SIZE, SHAPE, AND COLOR
(51) Int. Cl.
G06T 7/00 (2017.01)
G06T 7/50 (2017.01)
(87) WO2022/187621
(31) 63/157,290 (32) 05.03.21 (33) US
(43) 09.09.2022
(72) EVERTS, Joshua; KRISHNAN, Arvind; ROSE, Ash; DEFANTE, Adrian, P.; JANIS, Abram, D.
(74) PHILLIPS ORMONDE FITZPATRICK
-
- (71) HUAWEI DIGITAL POWER TECHNOLOGIES CO., LTD.
(11) AU-A-2022218369
(21) 2022218369 (22) 11.01.2022
(54) PHOTOVOLTAIC SYSTEM AND POWER SUPPLY CURRENT CONTROL METHOD THEREFOR
(51) Int. Cl.
H02J 3/38 (2006.01)
(87) WO2022/166537
(31) 202110169413.2 (32) 07.02.21 (33) CN
(43) 11.08.2022
(72) XU, Zhiwu; LI, Lin; ZHAO, Huan
(74) Halfords IP
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- (71) HUAWEI TECHNOLOGIES CO., LTD.
(11) AU-A-2021420357
(21) 2021420357 (22) 02.08.2021
(54) DATA TRANSMISSION METHOD AND APPARATUS
(51) Int. Cl.
H04W 4/06 (2009.01)
H04W 68/02 (2009.01)
(87) WO2022/151715
(31) PCT/CN2021/071902 (32) 14.01.21 (33) CN
(43) 21.07.2022
(72) LI, Bingzhao
(74) Spruson & Ferguson
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- (71) HUAWEI TECHNOLOGIES CO., LTD.
(11) AU-A-2021426270
(21) 2021426270 (22) 06.04.2021
(54) TRANSMISSION METHOD AND COMMUNICATION APPARATUS
(51) Int. Cl.
H04W 72/04 (2023.01)
(87) WO2022/165981
(31) PCT/CN2021/076004 (32) 08.02.21 (33) CN
(43) 11.08.2022
(72) YU, Yawei; YU, Jian; GUO, Zhiheng; LU, Shaozhong
(74) Halfords IP
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- (71) HUAWEI TECHNOLOGIES CO., LTD.
(11) AU-A-2022218413
(21) 2022218413 (22) 18.01.2022
(54) METHOD FOR MEASURING PACKET LOSS RATE, AND COMMUNICATION APPARATUS AND COMMUNICATION SYSTEM
(51) Int. Cl.
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- H04L 12/00* (2006.01)
(87) WO2022/166577
(31) 202110152262.X (32) 03.02.21 (33) CN
(43) 11.08.2022
(72) YU, Youyang; SHI, Shufeng; WU, Wenfu
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71) HUNAN SINOBROOM INTELLIGENT EQUIPMENT CO., LTD.
(11) AU-A-2021434045
(21) 2021434045 (22) 23.12.2021
(54) FLOATING DEVICE FOR AERIAL WORK PLATFORM
(51) Int. Cl.
B66F 11/04 (2006.01)
F15B 13/01 (2006.01)
(87) WO2022/193770
(31) 202110295073.8 (32) 19.03.21 (33) CN
(43) 22.09.2022
(72) LIU, Guoliang; ZHAO, Junbo
(74) Spruson & Ferguson
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- (71) ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI; THE UNITED STATES GOVERNMENT AS REPRESENTED BY THE DEPARTMENT OF VETERANS AFFAIRS
(11) AU-A-2022221336
(21) 2022221336 (22) 09.02.2022
(54) OXADIAZOLYL DI-HYDROPYRANO[2,3-b]PYRIDINE INHIBITORS OF HIPK2 FOR TREATING KIDNEY FIBROSIS
(51) Int. Cl.
A61K 31/4245 (2006.01)
A61K 31/4433 (2006.01)
A61P 43/00 (2006.01)
C07D 271/06 (2006.01)
C07D 491/04 (2006.01)
C07D 491/044 (2006.01)
C07D 491/052 (2006.01)
(87) WO2022/173795
(31) 63/147,859 (32) 10.02.21 (33) US
(43) 18.08.2022
(72) BERESIS, Richard T.; HE, John Cijiang; LEE, Kyung
(74) Griffith Hack
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- (71) ID-FISH TECHNOLOGY, INC.
(11) AU-A-2022208290
(21) 2022208290 (22) 13.01.2022
(54) SPECIES-SPECIFIC ANTIGEN SEQUENCES FOR TICK-BORNE RELAPSING FEVER (TBRF) AND METHODS OF USE
(51) Int. Cl.
G01N 33/00 (2006.01)
C07H 21/04 (2006.01)
C07K 14/00 (2006.01)
C07K 16/00 (2006.01)
C12N 15/00 (2006.01)
G01N 33/53 (2006.01)
G01N 33/554 (2006.01)
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D06P 3/24 (2006.01)
D06P 3/26 (2006.01)
D06P 3/52 (2006.01)
D06P 3/54 (2006.01)
D06P 3/60 (2006.01)
D06P 3/70 (2006.01)
D06P 3/72 (2006.01)
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C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
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H01P 3/08 (2006.01)
H01P 5/107 (2006.01)
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E05B 47/00 (2006.01)
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A01K 67/027 (2006.01)
C12N 5/0735 (2010.01)
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C22C 38/00 (2006.01)
C21D 8/10 (2006.01)
C22C 38/06 (2006.01)
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B60G 17/016 (2006.01)
B60G 17/019 (2006.01)
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A61K 35/761 (2015.01)
A61P 21/00 (2006.01)
C12N 7/01 (2006.01)
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H04W 4/021 (2018.01)
B23Q 17/24 (2006.01)
E01C 19/00 (2006.01)
E21B 41/00 (2006.01)
F16P 3/14 (2006.01)
G05D 1/02 (2020.01)
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A61K 31/4995 (2006.01)
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C07D 401/14 (2006.01)
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C04B 28/08 (2006.01)
B66B 17/12 (2006.01)
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G01N 33/00 (2006.01)
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C07K 14/805 (2006.01)
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B29C 73/16 (2006.01)
B60C 23/10 (2006.01)
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A01N 43/80 (2006.01)
A01P 13/00 (2006.01)
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 (54) USE OF HRPN-TYPE MULTI-MIMOTOPE EPI TOPE LIGAND PROTEIN IN FOODS, COSMETICS, HEALTH CARE PRODUCTS OR PHARMACEUTICALS
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C07K 14/195 (2006.01)
A61K 38/16 (2006.01)
A61P 31/04 (2006.01)
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A61K 31/519 (2006.01)
A61P 35/00 (2006.01)
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C07D 401/14 (2006.01)
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G07C 9/00 (2020.01)
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 (54) SYSTEMS AND METHODS TO MAINTAIN TIME SYNCHRONIZATION BETWEEN NETWORKED DEVICES
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H04W 56/00 (2009.01)
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D06F 37/40 (2006.01)
D06F 37/42 (2006.01)
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A61K 47/32 (2006.01)
A61K 47/42 (2017.01)
A61L 15/60 (2006.01)
A61P 17/02 (2006.01)
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C12N 15/113 (2010.01)
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H01M 50/20 (2021.01)
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F24F 1/008 (2019.01)
F24F 1/0355 (2019.01)
F24F 11/61 (2018.01)
F24F 11/65 (2018.01)
F24F 11/74 (2018.01)
F24F 11/79 (2018.01)
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C22B 3/06 (2006.01)
C22B 3/22 (2006.01)
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B82Y 40/00 (2011.01)
H01B 1/22 (2006.01)
H01L 29/06 (2006.01)
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A61P 37/06 (2006.01)
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B01D 53/22 (2006.01)
C07C 29/152 (2006.01)
C07C 31/04 (2006.01)
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A24F 1/00 (2006.01)
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F16K 31/68 (2006.01)
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B03D 1/002 (2006.01)
C22B 1/11 (2006.01)
C22B 15/00 (2006.01)
B03D 101/02 (2006.01)
B03D 101/06 (2006.01)
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H01P 1/10 (2006.01)
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A61K 9/127 (2006.01)
A61K 9/14 (2006.01)
B82Y 5/00 (2011.01)
C12N 9/22 (2006.01)
C12N 15/11 (2006.01)
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B32B 27/36 (2006.01)
C08G 63/183 (2006.01)
C08G 63/20 (2006.01)
C08G 63/78 (2006.01)
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C08J 5/18 (2006.01)
C08L 67/04 (2006.01)
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C08G 63/183 (2006.01)
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C08G 63/85 (2006.01)
C08J 5/18 (2006.01)
C08J 9/00 (2006.01)
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A23C 11/10 (2021.01)
A23L 7/10 (2016.01)
A23L 7/104 (2016.01)
A23L 11/00 (2021.01)
A23L 11/40 (2021.01)
A23L 11/50 (2021.01)
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 (54) METHODS AND SYSTEMS AND APPARATUS TO SUPPORT REDUCED ENERGY AND WATER USAGE
 (51) Int. Cl.
F24D 17/00 (2022.01)
F24D 17/02 (2006.01)
F24D 19/10 (2006.01)
F24H 15/429 (2022.01)
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 (54) METHODS AND SYSTEMS FOR MODIFYING HEATED WATER USAGE
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H01M 8/18 (2006.01)
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 (51) Int. Cl.
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- (71) PAL-K DYNAMICS PVT. LTD.
 (11) AU-A-2021418177
 (21) 2021418177 (22) 08.12.2021
 (54) ENERGY EFFICIENT INDUCTION MOTOR
 (51) Int. Cl.
H02K 17/02 (2006.01)
H02K 53/00 (2006.01)
 (87) WO2022/149155
 (31) 202141001079 (32) 09.01.21 (33) IN
 (43) 14.07.2022
 (72) THEKKE PEEDIKAYIL, Kunjimon
 (74) KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD
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- (71) PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD.
 (11) AU-A-2021426744
 (21) 2021426744 (22) 19.08.2021
 (54) CARBON DIOXIDE ADSORPTION MATERIAL FOR AIR-CONDITIONING, ADSORPTION DEVICE, AND AIR-CONDITIONING DEVICE
 (51) Int. Cl.
B01J 20/26 (2006.01)
B01D 53/04 (2006.01)
B01J 20/28 (2006.01)
B01J 20/34 (2006.01)
C01B 32/50 (2017.01)
F24F 8/15 (2021.01)
 (87) WO2022/172490
 (31) 2021-019319 (32) 09.02.21 (33) JP
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- (43) 18.08.2022
 (72) NOBUNAGA Masaki; KOMURA Akiko; AKEYAMA Yukako
 (74) Griffith Hack
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- (71) PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD.
 (11) AU-A-2021427706
 (21) 2021427706 (22) 19.08.2021
 (54) CARBON DIOXIDE ADSORBENT FOR AIR CONDITIONING, ADSORPTION DEVICE AND AIR CONDITIONING DEVICE
 (51) Int. Cl.
B01J 20/26 (2006.01)
B01D 53/04 (2006.01)
B01J 20/28 (2006.01)
B01J 20/34 (2006.01)
C01B 32/50 (2017.01)
F24F 8/15 (2021.01)
 (87) WO2022/172489
 (31) 2021-019321 (32) 09.02.21 (33) JP
 (43) 18.08.2022
 (72) AKEYAMA Yukako; KOMURA Akiko; NOBUNAGA Masaki
 (74) Griffith Hack
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- (71) PARAGON 28, INC.
 (11) AU-A-2022210358
 (21) 2022210358 (22) 21.01.2022
 (54) SOFT TISSUE IMPLANTS, INSTRUMENTATION, AND METHODS
 (51) Int. Cl.
A61B 17/04 (2006.01)
A61B 17/00 (2006.01)
A61F 2/08 (2006.01)
 (87) WO2022/159695
 (31) 63/140,596 (32) 22.01.21 (33) US
 (43) 28.07.2022
 (72) DACOSTA, Albert; MAJORS, Benjamin; DEVASCONCELLOS, Paul; HARTSON, Kyle, James; ALLARD, Randy
 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) PARK, H.J.; LIM, S.G.; YU, J.W.; HAM, S.H.
 (11) AU-A-2021428496
 (21) 2021428496 (22) 20.10.2021
 (54) ARTIFICIAL INTELLIGENCE-BASED METHOD AND APPLICATION FOR MANUFACTURING 3D PROSTHESIS FOR TOOTH RESTORATION
 (51) Int. Cl.
A61C 13/00 (2006.01)
A61C 5/77 (2017.01)
A61C 9/00 (2006.01)
G06F 30/20 (2020.01)
G06N 3/08 (2023.01)
G06T 17/00 (2006.01)
G16H 20/30 (2018.01)
G16H 30/00 (2018.01)
 (87) WO2022/177095
 (31) 10-2021-0020702 (32) 16.02.21 (33) KR
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 (72) PARK, Hyuk Jun; LIM, Sung Gyeol; YU, Ji Woong; HAM, Seung Hyeon; NAM, Young Kwang
 (74) Adrian M Trioli Patent and Trade Mark Attorney
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 (21) 2022213452 (22) 13.01.2022
 (54) EVALUATING ACCESS REQUESTS USING ASSIGNED COMMON ACTOR IDENTIFIERS
 (51) Int. Cl.
G06F 15/173 (2006.01)
 (87) WO2022/165458
 (31) 17/162,617 (32) 29.01.21 (33) US
 (43) 04.08.2022
 (72) KAIDI, George Chen
 (74) FPA Patent Attorneys Pty Ltd
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- (71) PERSPECTUM LTD
 (11) AU-A-2022220823
 (21) 2022220823 (22) 11.02.2022
 (54) METHOD OF ANALYSING MEDICAL IMAGES
 (51) Int. Cl.
G01R 33/50 (2006.01)
A61B 5/055 (2006.01)
A61B 5/00 (2006.01)
 (87) WO2022/171807
 (31) 2101949.2 (32) 12.02.21 (33) GB
 (43) 18.08.2022
 (72) ROBSON, Matthew; SMITH, Alex; FERNANDEZ, Carolina
 (74) Spruson & Ferguson
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 (11) AU-A-2021414422
 (21) 2021414422 (22) 20.12.2021
 (54) INTEGRATED SYSTEM FOR REMOVING AND TREATING MARINE BIOFOULING ON SUBMERGED METAL SURFACES
 (51) Int. Cl.
B63B 59/08 (2006.01)
B08B 7/04 (2006.01)
B25J 9/16 (2006.01)
B63C 11/52 (2006.01)
C02F 1/32 (2023.01)
G01S 5/00 (2006.01)
G05B 19/00 (2006.01)
G05D 1/10 (2006.01)
H04N 23/00 (2023.01)
 (87) WO2022/140830
 (31) BR 10 2020 026998 4 (32) 30.12.20 (33) BR
 (43) 07.07.2022
 (72) LIGEIRO BARBOSA, Marcelo Luiz; DE SOUZA CORREIA, Edisiene; SARMENTO NEVES DA ROCHA, Lucas; DOS SANTOS ALMEIDA, Edna; DOS SANTOS DE MENESES, Mateus; DA SILVA JORGE, Carlos Eduardo; GARCIA DE OLIVEIRA, Fre-

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(71) PHAENO THERAPEUTICS CO., LTD.; MEDSHINE DISCOVERY INC.	(11) AU-A-2022205484	(43) 20.07.2023	(72) DE WIT, Bastiaan Johannes; WILERSEMA, Willem; VOORHORST, Fokke Roelof	(74) FB Rice Pty Ltd	(74) FPA Patent Attorneys Pty Ltd
(21) 2022205484	(22) 07.01.2022	(71) PHOTONIS FRANCE	(11) AU-A-2022215903	(21) 2022215903	(22) 31.01.2022
(54) PYRIDONE MULTIPLE-MEMBERED RING DERIVATIVES AND USE THEREOF	(51) Int. Cl.	(54) IMAGE INTENSIFIER DEVICE WITH POWER SUPPLY DISPOSED UPSTREAM OF THE PHOTOCATHODE	(51) Int. Cl.	(51) Int. Cl.	(51) Int. Cl.
(51) Int. Cl.	C07D 421/14 (2006.01) A61K 31/503 (2006.01) A61K 31/53 (2006.01) A61P 31/16 (2006.01) C07D 471/14 (2006.01) C07D 498/14 (2006.01) C07D 513/14 (2006.01) C07D 519/00 (2006.01) C07F 11/00 (2006.01)	(51) Int. Cl.	H01J 31/50 (2006.01) G02B 23/12 (2006.01)	(87) WO2022/173927	(31) 63/149,193 (32) 12.02.21 (33) US
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(31) 202110264686.5 11.03.21 CN	202110513447.9 11.05.21 CN	(31) FR2100975 (32) 02.02.21 (33) FR	(43) 11.08.2022	(72) STRANGE, Andrew C.; MCGUIRE, JR., James, E.; SCOTT, Shane, Michael	(74) Minter Ellison
(43) 14.07.2022	(72) CHEN, Kevin X; XIONG, Jian; WANG, Jingjing; HU, Guoping; LIU, Jinxin; HAN, Yu; LI, Jian; CHEN, Shuhui	(72) LAURENT, Nicolas; DE LA TORRE NOETZEL, Jorge; RODRIGUEZ-PEREZ, Diego; FERNANDEZ GUTIERREZ, David	(74) Griffith Hack	(74) Minter Ellison	(74) Minter Ellison
(74) PHILLIPS ORMONDE FITZPATRICK		(74) Griffith Hack			
(71) PHILIPS DOMESTIC APPLIANCES HOLDING B.V.	(11) AU-A-2023207420	(71) PLOTLOGIC PTY LTD	(11) AU-A-2022227434	(21) 2022227434	(22) 23.02.2022
(21) 2023207420	(22) 09.01.2023	(54) GEOLOGICAL SAMPLE HOLDER	(51) Int. Cl.	(54) GEOLOGICAL SAMPLE HOLDER	(51) Int. Cl.
(54) WET CLEANING APPARATUS AND CLEANER HEAD	(51) Int. Cl.	(51) Int. Cl.	B01L 3/00 (2006.01) G01N 1/28 (2006.01) G01V 1/30 (2006.01)	(51) Int. Cl.	B01L 3/00 (2006.01) G01N 1/28 (2006.01) G01V 1/30 (2006.01)
(51) Int. Cl.	A47L 9/06 (2006.01) A47L 11/30 (2006.01) A47L 11/40 (2006.01)	(87) WO2022/178576	(31) 2021900500 (32) 24.02.21 (33) AU	(31) 2021900500 (32) 24.02.21 (33) AU	(33) AU
(87) WO2023/135096	(31) 22150862.5 (32) 11.01.22 (33) EP	(31) 2021900500 (32) 24.02.21 (33) AU	(43) 01.09.2022	(72) JOB, Andrew; GARLAN, Matthew; WYSS, Johann	(74) Spruson & Ferguson
(31) 22150879.9 11.01.22 EP	22150883.1 11.01.22 EP	(72) JOB, Andrew; GARLAN, Matthew; WYSS, Johann	(74) Spruson & Ferguson		
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22150901.1 11.01.22 EP	22150906.0 11.01.22 EP	(11) AU-A-2022227607	(21) 2022227607	(22) 23.02.2022	
22150912.8 11.01.22 EP	(43) 20.07.2023	(54) COMPOSITIONS AND METHODS FOR DELIVERY OF NUCLEIC ACIDS	(51) Int. Cl.	(51) Int. Cl.	
(72) DE WIT, Bastiaan Johannes; WILERSEMA, Willem; VOORHORST, Fokke Roelof	(74) FB Rice Pty Ltd	(51) Int. Cl.	A61K 9/127 (2006.01) A61K 38/00 (2006.01) A61K 48/00 (2006.01) A61P 3/00 (2006.01)	(87) WO2022/243795	(31) 17/326,050 (32) 20.05.21 (33) US
(74) FB Rice Pty Ltd		(87) WO2022/182792	(31) 63/152,517 (32) 23.02.21 (33) US	(31) 17/326,050 (32) 20.05.21 (33) US	63/191,186 20.05.21 US 63/191,189 20.05.21 US 63/191,195 20.05.21 US 63/191,199 20.05.21 US 63/191,204 20.05.21 US
(71) PHILIPS DOMESTIC APPLIANCES HOLDING B.V.	(11) AU-A-2023207772	(31) 63/152,517 (32) 23.02.21 (33) US	(43) 01.09.2022	(43) 24.11.2022	
(21) 2023207772	(22) 09.01.2023	(43) 01.09.2022	(72) RYCHAK, Joshua; ESSEX, Sean; BUTCHER, Matthew; GRIFFIN, Peter; MADISON, Blair; MARTIN, Renata; PARAYATH, Neha; BENNETT, Michael	(72) SWANSON, Todd; LEVY, Kent; GANOZA, Joaquin; HARMAN, Reid	(74) Griffith Hack
(54) CLEANER HEAD AND WET CLEANING APPARATUS COMPRISING THE SAME	(51) Int. Cl.	(72) RYCHAK, Joshua; ESSEX, Sean; BUTCHER, Matthew; GRIFFIN, Peter; MADISON, Blair; MARTIN, Renata; PARAYATH, Neha; BENNETT, Michael			
(51) Int. Cl.	A47L 11/30 (2006.01) A47L 11/40 (2006.01)				
(87) WO2023/135092					
(71) PHILIPS DOMESTIC APPLIANCES HOLDING B.V.	(11) AU-A-2022276488				

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(54) AGRICULTURAL SAMPLING SYSTEM AND RELATED METHODS		63/191,172	20.05.21	US	63/191,189	20.05.21	US
(51) Int. Cl.		(43) 24.11.2022			63/191,195	20.05.21	US
F04B 15/02 (2006.01)		(72) SWANSON, Todd; LEVY, Kent; HARMAN, Reid; SEELYE, Josh; VACCARI, Adam; LITWILLER, Riley; KOCH, Dale			63/191,199	20.05.21	US
B01D 29/01 (2006.01)		(74) Griffith Hack			63/191,204	20.05.21	US
B01D 29/66 (2006.01)					(43) 24.11.2022		
B01D 29/90 (2006.01)					(72) SWANSON, Todd; LEVY, Kent; SCHAEFER, Timothy A; LITWILLER, Riley; HARMAN, Reid; SEELYE, Josh; KOCH, Dale; GANOZA, Joaquin; VACCARI, Adam		
B01D 35/02 (2006.01)					(74) Griffith Hack		
F04B 43/02 (2006.01)		(71) PRECISION PLANTING LLC					
F04B 43/073 (2006.01)		(11) AU-A-2022278004					
F04B 53/16 (2006.01)		(21) 2022278004	(22) 11.05.2022				
G01N 1/40 (2006.01)		(54) DOUBLE DIAPHRAGM SLURRY PUMP					
G01N 33/24 (2006.01)		(51) Int. Cl.					
(87) WO2022/243796		F04B 15/02 (2006.01)					
(31) 17/326,050	(32) 20.05.21	F04B 43/02 (2006.01)					
63/191,186	20.05.21	F04B 43/073 (2006.01)					
63/191,189	20.05.21	F04B 53/16 (2006.01)					
63/191,195	20.05.21	(87) WO2022/243793					
63/191,199	20.05.21	(31) 17/326,050	(32) 20.05.21	(33) US			
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(43) 24.11.2022		63/191,189	20.05.21	US			
(72) LEVY, Kent; HARMAN, Reid; KOCH, Dale		63/191,195	20.05.21	US			
(74) Griffith Hack		63/191,199	20.05.21	US			
		63/191,204	20.05.21	US			
		(43) 24.11.2022					
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(11) AU-A-2022277772		(74) Griffith Hack					
(21) 2022277772	(22) 11.05.2022						
(54) AGRICULTURAL SAMPLING SYSTEM AND RELATED METHODS		(71) PRECISION PLANTING LLC					
(51) Int. Cl.		(11) AU-A-2022278007					
F04B 15/02 (2006.01)		(21) 2022278007	(22) 13.05.2022				
F04B 11/00 (2006.01)		(54) METHODS OF ANALYZING ONE OR MORE AGRICULTURAL MATERIALS, AND SYSTEMS THEREOF					
F04B 43/02 (2006.01)		(51) Int. Cl.					
F04B 43/073 (2006.01)		G01N 1/38 (2006.01)					
F04B 53/16 (2006.01)		A01C 1/00 (2006.01)					
F15B 1/10 (2006.01)		G01N 9/00 (2006.01)					
G01N 1/38 (2006.01)		G01N 33/24 (2006.01)					
G01N 1/40 (2006.01)		G01N 1/40 (2006.01)					
G01N 9/00 (2006.01)		(87) WO2022/243808					
G01N 1/08 (2006.01)		(31) 63/191,147	(32) 20.05.21	(33) US			
(87) WO2022/243794		63/191,159	20.05.21	US			
(31) 17/326,050	(32) 20.05.21	63/191,166	20.05.21	US			
63/191,186	20.05.21	63/191,172	20.05.21	US			
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63/191,195	20.05.21	(72) SWANSON, Todd; LEVY, Kent; HARMAN, Reid; SEELYE, Josh; VACCARI, Adam; LITWILLER, Riley; KOCH, Dale					
63/191,199	20.05.21	(74) Griffith Hack					
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(43) 24.11.2022		(71) PRECISION PLANTING LLC					
(72) LEVY, Kent; HARMAN, Reid; KOCH, Dale		(11) AU-A-2022278697					
(74) Griffith Hack		(21) 2022278697	(22) 13.05.2022				
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		G01N 1/38 (2006.01)					
		A01C 1/00 (2006.01)					
		G01N 9/00 (2006.01)					
		G01N 33/24 (2006.01)					
		G01N 1/40 (2006.01)					
		(87) WO2022/243807					
		(31) 63/191,147	(32) 20.05.21	(33) US			
		63/191,159	20.05.21	US			
		63/191,166	20.05.21	US			
		63/191,172	20.05.21	US			
		(43) 24.11.2022					
		(72) LEVY, Kent; HARMAN, Reid; SEELYE, Josh; VACCARI, Adam; LITWILLER, Riley; KOCH, Dale					
		(74) Griffith Hack					
		(71) PRECISION PLANTING LLC					
		(11) AU-A-2022277775					
		(21) 2022277775	(22) 13.05.2022				
		(54) METHODS OF ANALYZING ONE OR MORE AGRICULTURAL MATERIALS, AND SYSTEMS THEREOF					
		(51) Int. Cl.					
		G01N 1/04 (2006.01)					
		A01C 1/00 (2006.01)					
		G01N 1/38 (2006.01)					
		G01N 9/00 (2006.01)					
		G01N 15/06 (2006.01)					
		G01N 33/24 (2006.01)					
		(87) WO2022/243809					
		(31) 63/191,147	(32) 20.05.21	(33) US			
		63/191,159	20.05.21	US			
		(71) PRECISION PLANTING LLC					
		(11) AU-A-2022278694					
		(21) 2022278694	(22) 11.05.2022				
		(54) AGRICULTURAL SAMPLING SYSTEM AND RELATED METHODS					
		(51) Int. Cl.					
		G01N 1/08 (2006.01)					
		A01C 1/00 (2006.01)					
		F04B 43/00 (2006.01)					
		F04B 53/00 (2006.01)					
		G01N 1/38 (2006.01)					
		G01N 1/40 (2006.01)					
		G01N 9/00 (2006.01)					
		G01N 33/24 (2006.01)					
		(87) WO2022/243792					
		(31) 17/326,050	(32) 20.05.21	(33) US			
		63/191,159	20.05.21	US			
		(71) PRECISION PLANTING LLC					
		(11) AU-A-2022290025					
		(21) 2022290025	(22) 25.05.2022				
		(54) GRAVITY-ASSISTED MICROFLUIDIC MANIFOLD					
		(51) Int. Cl.					
		G01N 33/24 (2006.01)					
		B01L 3/00 (2006.01)					
		F16K 99/00 (2006.01)					
		(87) WO2022/259074					

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- (43) 15.12.2022
- (72) SWANSON, Todd; SCHAEFER, Timothy; LITWILLER, Riley
- (74) Griffith Hack
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- (71) PRECISION PLANTING LLC
(11) AU-A-2022290650
(21) 2022290650 (22) 25.05.2022
(54) MICROVALVE
(51) Int. Cl.
G01N 33/24 (2006.01)
B01L 3/00 (2006.01)
F16K 99/00 (2006.01)
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- (72) SWANSON, Todd; SCHAEFER, Timothy; LITWILLER, Riley
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(21) 2022291017 (22) 25.05.2022
(54) MICROPUMP
(51) Int. Cl.
G01N 33/24 (2006.01)
B01L 3/00 (2006.01)
F16K 99/00 (2006.01)
- (87) WO2022/259071
- (31) 17/343,434 (32) 09.06.21 (33) US
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- (72) SWANSON, Todd; SCHAEFER, Timothy; LITWILLER, Riley
- (74) Griffith Hack
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(11) AU-A-202222757
(21) 202222757 (22) 18.02.2022
(54) INTEGRATED DIRECT AIR CAPTURE AND ELECTROCHEMICAL REDUCTION OF CARBON DIOXIDE
(51) Int. Cl.
C25B 3/25 (2021.01)
B01J 41/14 (2006.01)
C25B 9/19 (2021.01)
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- (74) RnB IP Pty Ltd
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A47G 19/00 (2006.01)
A47G 21/00 (2006.01)
A47G 21/04 (2006.01)
- (87) WO2022/192150
- (31) 63/159,831 (32) 11.03.21 (33) US
(43) 15.09.2022
- (72) ADKINS, Chastity; LOIZEAUX, Drew; MANNING, Scott; PIERCE, Lee
- (74) Spruson & Ferguson
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- (71) QUALCOMM INCORPORATED
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(21) 202220540 (22) 10.01.2022
- (54) DISCONNECTION ARC PREVENTION IN CABLE-SUPPLIED POWER CONNECTION
(51) Int. Cl.
H02J 7/00 (2006.01)
- (87) WO2022/173542
- (31) 17/172,870 (32) 10.02.21 (33) US
(43) 18.08.2022
- (72) MISHRA, Lalan Jee; WIETFELDT, Richard Dominic; PAPARRIZOS, Georgios Konstantinos; WARNER, Joshua
- (74) Madderns Pty Ltd
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- (71) QUALCOMM INCORPORATED
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(21) 2022256539 (22) 12.04.2022
- (54) INTRA-MODE DEPENDENT MULTIPLE TRANSFORM SELECTION FOR VIDEO CODING
(51) Int. Cl.
H04N 19/11 (2014.01)
H04N 19/12 (2014.01)
H04N 19/176 (2014.01)
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H04N 19/70 (2014.01)
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B65D 81/32 (2006.01)
C11D 3/04 (2006.01)
C11D 3/20 (2006.01)
C11D 3/22 (2006.01)
C11D 3/48 (2006.01)
C11D 11/00 (2006.01)
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C07K 14/50 (2006.01)
C12Q 1/6883 (2018.01)
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C01B 25/01 (2006.01)
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H04L 5/00 (2006.01)
H04W 72/04 (2023.01)
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A61F 2/72 (2006.01)
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G06F 3/01 (2006.01)
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F16L 55/115 (2006.01)
E02D 29/14 (2006.01)
E03C 1/28 (2006.01)
E03F 3/00 (2006.01)
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C09K 8/42 (2006.01)
A62D 1/00 (2006.01)
A62D 1/06 (2006.01)
B01J 20/08 (2006.01)
B01J 20/30 (2006.01)
C09K 21/06 (2006.01)
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E21B 33/13 (2006.01)
E21F 5/00 (2006.01)
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C07K 16/24 (2006.01)
A61K 39/395 (2006.01)
C12N 15/13 (2006.01)
G01N 33/68 (2006.01)
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C12N 15/53 (2006.01)
C12N 1/21 (2006.01)
C12N 9/02 (2006.01)
C12N 15/72 (2006.01)
C12P 7/02 (2006.01)
C12P 7/62 (2022.01)
C12P 17/18 (2006.01)
C12R 1/19 (2006.01)
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A61P 35/02 (2006.01)
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A61P 25/00 (2006.01)
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C12N 5/074 (2010.01)
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A61K 47/55 (2017.01)
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A47C 27/045 (2006.01)
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B32B 7/12 (2006.01)
B32B 27/08 (2006.01)
B32B 27/12 (2006.01)
B32B 27/26 (2006.01)
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B63B 21/27 (2006.01)
B63B 35/00 (2020.01)
E02D 5/54 (2006.01)
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A23L 2/56 (2006.01)
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A01P 5/00 (2006.01)
A01P 7/04 (2006.01)
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G06N 20/00 (2019.01)
G06Q 10/06 (2023.01)
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A61P 37/06 (2006.01)
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B01B 1/00 (2006.01)
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A61P 19/02 (2006.01)
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C07C 327/30 (2006.01)
C07D 277/22 (2006.01)
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A61L 27/20 (2006.01)
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A61P 35/00 (2006.01)
C07D 251/54 (2006.01)
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(54) PREPARATION METHOD FOR AND APPLICATION OF NOVEL INJECTION ABIRATERONE DERIVATIVE
(51) Int. Cl.
C07J 43/00 (2006.01)
A61K 9/19 (2006.01)
A61K 31/58 (2006.01)
A61K 47/54 (2017.01)
A61P 35/00 (2006.01)
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A47B 88/47 (2017.01)
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E05F 1/16 (2006.01)
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(54) METHOD FOR RAISING FLOATING BODY FOR SPAR-TYPE OFFSHORE WIND POWER GENERATION FACILITY
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B63B 35/00 (2020.01)
B63B 77/10 (2020.01)
F03D 13/25 (2016.01)
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A61L 31/18 (2006.01)
A61L 31/06 (2006.01)
A61L 31/14 (2006.01)
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H01L 21/288 (2006.01)
H01L 31/068 (2012.01)
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B32B 27/34 (2006.01)
B29B 15/08 (2006.01)
B32B 5/00 (2006.01)
B29K 101/10 (2006.01)
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(54) CONTAINER ADVERTISING
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G09F 21/04 (2006.01)
G06F 3/14 (2006.01)
G06Q 30/02 (2023.01)
G06Q 50/28 (2012.01)
G09F 23/00 (2006.01)
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B60P 3/36 (2006.01)
B60H 1/00 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd
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A61P 35/00 (2006.01)
A61K 31/541 (2006.01)
C07D 403/04 (2006.01)
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B29C 65/00 (2006.01)
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C11D 1/66 (2006.01)
C11D 1/83 (2006.01)
C11D 3/20 (2006.01)
C11D 3/37 (2006.01)
C11D 17/00 (2006.01)
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C11D 1/14 (2006.01)
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C12N 15/861 (2006.01)
A61K 38/16 (2006.01)
C07K 14/11 (2006.01)
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H01B 7/30 (2006.01)
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C07K 14/315 (2006.01)
C07K 16/12 (2006.01)
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B01D 53/04 (2006.01)
B01D 53/047 (2006.01)
F25J 3/02 (2006.01)
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B01J 21/18 (2006.01)
B01J 21/04 (2006.01)
B01J 21/06 (2006.01)
B01J 29/064 (2006.01)
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- (74) FPA Patent Attorneys Pty Ltd
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C12N 15/113 (2010.01)
C12Q 1/68 (2018.01)
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- (72) CURTIS, Edward Arthur; SVEHLOVA, Katerina; JAKUBEC, Martin; LUKSAN, Ondrej
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A61K 39/00 (2006.01)
A61K 39/35 (2006.01)
A61K 47/69 (2017.01)
A61P 35/00 (2006.01)
A61P 37/08 (2006.01)
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A61K 35/39 (2015.01)
A61K 35/545 (2015.01)
C12N 5/02 (2006.01)
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G01R 31/11 (2006.01)
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(54) GAS APPARATUS AND GAS WATER HEATER
(51) Int. Cl.
F24H 9/18 (2022.01)
F23D 14/02 (2006.01)
F23D 14/46 (2006.01)
F24H 9/00 (2022.01)
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(74) MINTER ELLISON
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(21) 2021422849 **(22)** 09.12.2021
(54) ASSET-LEVEL VULNERABILITY AND MITIGATION
(51) Int. Cl.
G06Q 10/06 (2023.01)
G06Q 40/08 (2012.01)
G06V 10/70 (2022.01)
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(72) MULLET, Benjamin Goddard
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G01R 31/36 (2020.01)
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(51) Int. Cl.
A61B 17/16 (2006.01)
A61B 17/92 (2006.01)
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(31) 63/154,219 **(32)** 26.02.21 **(33)** US
(43) 01.09.2022
(72) LEVY, David
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(21) 2021349301 **(22)** 28.09.2021
(54) CANINE ANTIBODY VARIANTS
(51) Int. Cl.
C07K 16/00 (2006.01)
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(54) MEDICAMENT DELIVERY SYSTEM, AND ASSOCIATED METHOD
(51) Int. Cl.
A61D 1/08 (2006.01)
A61D 7/00 (2006.01)
A61F 6/14 (2006.01)
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(11) AU-A-2022230450
(21) 2022230450 **(22)** 07.03.2022
(54) LATERAL FLOW ASSAY FOR DETECTING PATHOGENS IN MILK FROM MASTITIC COWS
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G01N 33/543 (2006.01)
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H04W 72/04 (2023.01)
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2021422021	HANWHA SOLUTIONS CORPORATION	2022206002	AGTONOMY
2021422849	X DEVELOPMENT LLC	2022206015	NANOMEDX, INC.
2021423596	SAMSUNG ELECTRONICS CO., LTD.	2022206090	EYEORA LIMITED
2021424076	SAMSUNG ELECTRONICS CO., LTD.	2022206101	BICYCLETX LIMITED
2021425005	FREELAND, N.; FREELAND, D.	2022206203	HANWHA AZDEL, INC.
2021425176	GD MIDEA HEATING & VENTILATING EQUIPMENT CO., LTD.; MIDEA GROUP CO., LTD.	2022206311	BEXION PHARMACEUTICALS INC.
2021425251	KONE CORPORATION	2022206356	AMO GRONINGEN B.V.
2021425425	SAMSUNG ELECTRONICS CO., LTD.	2022206391	CLOUDFM INTEGRATED SERVICES LIMITED
2021425715	HELLA GMBH & CO. KGAA	2022206394	BICYCLETX LIMITED
2021425801	GC CORPORATION	2022206424	DESIGN THERAPEUTICS, INC.
2021426187	DEAKIN UNIVERSITY	2022206434	REGENERON PHARMACEUTICALS, INC.; SANOFI BIOTECHNOLOGY
2021426270	HUAWEI TECHNOLOGIES CO., LTD.	2022206477	AGTONOMY
2021426343	GD MIDEA HEATING & VENTILATING EQUIPMENT CO., LTD.; HEFEI MIDEA HEATING & VENTILATING EQUIPMENT CO., LTD.	2022206495	SHANGHAI SHENGPING MEDICAL EQUIPMENT CO., LTD.; SHANGHAI VASTPRO TECHNOLOGY DEVELOPMENT CO., LTD.; ZHEJIANG BOXIAO BIOPHARMACEUTICAL CO., LTD.
2021426744	PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD.	2022206501	A SUCTION VALVE AND AN ENDOSCOPE
2021427201	MCCORMICK & COMPANY, INC.	2022206565	EYEORA LIMITED
2021427512	ARTANGE MAKİNA ELEKTRİK ELEKTRONİK MÜHENDİSLİK İNŞAAT MADENCİLİK SANAYİ VE TİCARET LİMİTED ŞİRKETİ	2022206577	BICYCLETX LIMITED
2021427526	WORLDPAY, LLC	2022206606	TORAY INDUSTRIES, INC.
2021427706	PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD.	2022206676	ONCORUS, INC.
2021427747	MEDVIE LIMITED	2022206989	BEIJING INNOCARE PHARMA TECH CO., LTD.
2021427824	TAISHO SKY BUILDING, INC.	2022207030	SUZHOU TRANSCENTA THERAPEUTICS CO., LTD.
2021427965	MITSUBISHI HEAVY INDUSTRIES THERMAL SYSTEMS, LTD.	2022207105	UNIVERSITY OF WASHINGTON
2021428033	MITSUBISHI HEAVY INDUSTRIES THERMAL SYSTEMS, LTD.	2022207133	NIAGARA BOTTLING, LLC
2021428218	COPRINAL GF, S.L.	2022207244	JCR PHARMACEUTICALS CO., LTD.
2021428496	PARK, H.J.; LIM, S.G.; YU, J.W.; HAM, S.H.	2022207358	ADAMA AUSTRALIA PTY LIMITED
2021428908	MASCHINENFABRIK KÖPPER N GMBH & CO. KG	2022207584	WUHU MIDEA KITCHEN AND BATH APPLIANCES MFG. CO., LTD.; MIDEA GROUP CO., LTD.
2021429979	PPG INDUSTRIES OHIO, INC.	2022207638	EVBIOTECH S.R.L.
2021430176	HITACHI INDUSTRIAL PRODUCTS, LTD.	2022207691	LETTUS GROW LTD
		2022208115	VIRSEC SYSTEMS, INC.
		2022208290	ID-FISH TECHNOLOGY, INC.
		2022208313	ANVAJO GMBH
		2022208351	GEORG FISCHER HARVEL LLC
		2022208424	ACTIVE BIOTECH AB

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2022208470	SPARX APP LTD.	2022215946	VERSIDAD NACIONAL DE TUCUMÁN; UNIVERSIDAD DE BUENOS AIRES; SISTEMA PROVINCIAL DE SALUD DE TUCUMÁN
2022208484	TRUSTEES OF TUFTS COLLEGE; THE BRIGHAM AND WOMEN'S HOSPITAL, INC.	2022215952	AORTO MEDICAL LLC
2022208671	CEPHEID	2022216141	OCTOPUS ENERGY HEATING LIMITED
2022209171	NRGTEK, INC.	2022216171	LG ELECTRONICS INC.
2022209187	CZERO INC.	2022216288	LG ELECTRONICS INC.
2022209720	DECOY THERAPEUTICS INC.	2022216318	CPG INTERNATIONAL LLC
2022210128	KUMIAI CHEMICAL INDUSTRY CO., LTD.	2022216464	OHIO STATE INNOVATION FOUNDATION
2022210358	PARAGON 28, INC.	2022216524	RAIN CARBON GERMANY GMBH
2022210426	LYNDRA THERAPEUTICS, INC.	2022216534	DEMATIC CORP.
2022210461	BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM	2022216537	OCTOPUS ENERGY HEATING LIMITED
2022210514	INTERCONTINENTAL GREAT BRANDS LLC	2022216551	OCTOPUS ENERGY HEATING LIMITED
2022210762	METAGENOMI, INC.	2022216577	TATA CONSULTANCY SERVICES LIMITED
2022210871	KENWAVE SOLUTIONS INC.	2022216649	NEURODAWN PHARMACEUTICAL CO., LTD.
2022210889	MIGAL GALILEE RESEARCH INSTITUTE LTD.	2022216691	MICROPORT NEUROTECH (SHANGHAI) CO., LTD.
2022210999	SOURCE GLOBAL, PBC		SHENYANG UNIVERSITY OF CHEMICAL TECHNOLOGY
2022211147	KT PROJEKTENTWICKLUNGS-GMBH	2022216802	NOVAMONT S.P.A.
2022211177	NEUROOLUTIONS, INC.	2022216810	LIMINAL BIOSCIENCES LIMITED
2022211185	SKIN2NEURON PTY LTD	2022216913	OCTOPUS ENERGY HEATING LIMITED
2022211302	TOKAI UNIVERSITY EDUCATIONAL SYSTEM; KEIO UNIVERSITY	2022216916	OCTOPUS ENERGY HEATING LIMITED
2022211360	BECTON, DICKINSON AND COMPANY	2022217019	VITRUVIAN INVESTMENTS PTY LTD
2022211624	LIGHTOX LIMITED	2022217020	MONASH UNIVERSITY
2022211709	THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	2022217085	UOP LLC
2022211738	KUMIAI CHEMICAL INDUSTRY CO., LTD.	2022217094	DAEWOONG CO., LTD.
2022211959	ABRAIN	2022217152	JCYTE, INC.
2022212029	THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES	2022217363	VESTESSEN HYBRID ENERGY APS
2022212563	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS); ECOLE NORMALE SUPERIEURE DE LYON; INSERM (INSTITUT NATIONAL DE LA SANTÉ ET DE LA RECHERCHE MÉDICALE); UNIVERSITE CLAUDE BERNARD LYON 1	2022217449	NEXT LEVEL COFFEE GMBH
2022212677	SHANGRAO JINKO SOLAR TECHNOLOGY DEVELOPMENT CO., LTD.	2022217475	BAUSCH HEALTH IRELAND LIMITED
2022212755	NOVASTEP	2022217490	DEFINELINE SYSTEMS LTD
2022212766	THE UNIVERSITY COURT OF THE UNIVERSITY OF EDINBURGH	2022217535	OCTOPUS ENERGY HEATING LIMITED
2022212775	4D MEDICINE LIMITED	2022217610	ASKA PHARMACEUTICAL CO., LTD.
2022212825	THE UNITED STATES GOVERNMENT AS REPRESENTED BY THE DEPARTMENT OF VETERANS AFFAIRS	2022217666	BUILDING ASSURANCE TECHNOLOGIES PTY LTD
2022212943	CAREFUSION 303, INC.	2022217677	SAMSUNG ELECTRONICS CO., LTD.
2022212996	BELGRAVIA WOOD LIMITED	2022217695	LG ELECTRONICS INC.
2022213016	MASSEY UNIVERSITY; NZ LEATHER & SHOE RESEARCH ASSOCIATION INC	2022217742	GOJO INDUSTRIES, INC.
2022213255	ABRAIN	2022217845	INNOVENT BIOLOGICS (SUZHOU) CO., LTD.
2022213262	JOINT STOCK COMPANY «BIOCAD»	2022217884	OPEC REMEDIATION TECHNOLOGIES PTY LTD
2022213427	LITTLE GIANT LADDER SYSTEMS, LLC	2022217899	OCTOPUS ENERGY HEATING LIMITED
2022213452	PAYPAL, INC.	2022218063	LG ELECTRONICS INC.
2022213509	MARGINUM OY	2022218084	AXIOS MEDIA INC.
2022213724	DAIKIN INDUSTRIES, LTD.	2022218137	MOZART THERAPEUTICS, INC.
2022214170	AERA THERAPEUTICS, INC.; UNIVERSITY OF UTAH RESEARCH FOUNDATION	2022218203	CAPSUGEL BELGIUM NV
2022214200	CSTS HEALTH CARE INC.	2022218237	AUSTRALIAN NUCLEAR SCIENCE AND TECHNOLOGY ORGANISATION
2022214304	NOKIA TECHNOLOGIES OY	2022218369	HUAWEI DIGITAL POWER TECHNOLOGIES CO., LTD.
2022214337	ESCO GROUP LLC	2022218377	METSO OUTOTEC FINLAND OY
2022214600	AUSTRALIAN ADVANCED MATERIALS PTY LTD	2022218413	HUAWEI TECHNOLOGIES CO., LTD.
2022214613	VUYK TECHNOLOGY HOLDINGS, LLC	2022218642	ONCORUS, INC.
2022214906	CONSEJO SUPERIOR DE INVESTIGACIONES CIENTÍFICAS (CSIC); NANOMOL TECHNOLOGIES, S.L.; LEANBIO	2022218682	NETFLIX, INC.
2022215543	MERCK SHARP & DOHME LLC	2022218696	GEORGIA TECH RESEARCH CORPORATION
2022215582	ILLUMINA, INC.	2022218770	PPG ADVANCED SURFACE TECHNOLOGIES, LLC
2022215675	MICROPORT NEUROTECH (SHANGHAI) CO., LTD.	2022218771	DANA-FARBER CANCER INSTITUTE, INC.
2022215837	NOVAMONT S.P.A.	2022218792	AMICUS THERAPEUTICS, INC.
2022215903	PHOTONIS FRANCE	2022218797	RECOVERY THERAPEUTICS, INC.
2022215936	SKYBIO LLC; CONSEJO NACIONAL DE INVESTIGACIONES CIENTÍFICAS Y TÉCNICAS (CONICET); UNIVERSIDAD NACIONAL DE TUCUMÁN; UNIVERSIDAD DE BUENOS AIRES; SISTEMA PROVINCIAL DE SALUD DE TUCUMÁN	2022218866	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
		2022218905	SENSEFUL TECHNOLOGIES AB
		2022218958	SANDBOX LIGHT ENGINEERING CORPORATION; EWINGTON, C.D.; WARD, M.; HOCHMAN, J.
		2022219025	RECOVERY THERAPEUTICS, INC.
		2022219107	CAN TECHNOLOGIES, INC.
		2022219108	BOSTON SCIENTIFIC NEUROMODULATION CORPORATION
		2022219133	ADAGENE PTE. LTD.
		2022219144	REMONDIS AQUA GMBH & CO. KG
		2022219182	BASF SE
		2022219304	FUNDACIÓN PARA LA INVESTIGACIÓN DEL HOSPITAL UNIVERSITARIO Y POLITÉCNICO LA FE DE LA COMUNIDAD VALENCIANA; UNIVERSITAT

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2022219373	TAKEDA PHARMACEUTICAL COMPANY LIMITED	2022223714	ZOETIS SERVICES LLC
2022219392	TYCO FIRE & SECURITY GMBH	2022223757	WINPAK LTD.
2022219461	UNIVERSITY OF BRISTOL	2022223890	MITSUBISHI MATERIALS CORPORATION
2022219514	NICOVENTURES TRADING LIMITED	2022223965	NIPPON THERMOSTAT CO., LTD.
2022219528	SCIENTIA BIOTECH S.L.; UNIVERSITAT DE VALÈNCIA	2022223975	GENTEX CORPORATION
2022219542	MERCK PATENT GMBH	2022223979	TEND HEALTH, INC.
2022219627	ATOBE - MOBILITY TECHNOLOGY, S.A.	2022224157	SUNTORY HOLDINGS LIMITED
2022219924	COPPER HARBOR INVESTMENTS, LLC	2022224236	REISACHER, R.
2022219939	SEWER SENTRY LLC	2022224391	GAMMADELTA THERAPEUTICS LTD
2022219941	JASPER THERAPEUTICS, INC.	2022224417	ELECTROLUX HOME PRODUCTS, INC.
2022219948	OPT INDUSTRIES, INC.; BARES, C.; RABE, A.	2022224447	SOLVAY SPECIALTY POLYMERS USA, LLC; CYTEC INDUSTRIES INC.
2022219963	TRADECORP INVESTMENTS PTY LTD	2022224494	TYR TACTICAL LLC
2022219984	INVUE SECURITY PRODUCTS INC.	2022224514	BECTON, DICKINSON AND COMPANY
2022220017	AEROVATE THERAPEUTICS, INC.	2022224560	CORNELL PUMP COMPANY LLC
2022220196	DANSTAR FERMENT AG	2022224567	VACCITECH NORTH AMERICA, INC.; THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES
2022220203	KONINKLIJKE NEDERLANDSE AKADEMIE VAN WETENSCHAPPEN	2022224633	COLGATE-PALMOLIVE COMPANY
2022220212	SCHREDER S.A.	2022224638	6K INC.
2022220332	ARBOR BIOTECHNOLOGIES, INC.	2022225827	FREEDMAN ELECTRONICS PTY LTD
2022220540	QUALCOMM INCORPORATED	2022225828	THE REMEDIATION GROUP PTY LTD
2022220611	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC.	2022225831	WOODSIDE ENERGY TECHNOLOGIES PTY LTD
2022220615	TARDIGRADE SPACE SYSTEMS LLC	2022225970	NITTETSU MINING CO., LTD.
2022220621	EVVE INC.	2022226098	ALNYLAM PHARMACEUTICALS, INC.
2022220693	SOUTHERN FELT COMPANY, INC.	2022226116	LANDIS+GYR TECHNOLOGY, INC.
2022220823	PERSPECTUM LTD	2022226323	HEART REPAIR TECHNOLOGIES, INC.
2022220863	THE SCRIPPS RESEARCH INSTITUTE	2022226373	ENSINGER GMBH
2022220869	KYMERA THERAPEUTICS, INC.	2022226577	BOSTON SCIENTIFIC NEUROMODULATION CORPORATION
2022220942	LYRUS LIFE SCIENCES PVT. LTD.; NOKHA TRADING LLP	2022226621	THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA; THE UNITED STATES GOVERNMENT AS REPRESENTED BY THE DEPARTMENT OF VETERANS AFFAIRS
2022220987	USTAV ORGANICKE CHEMIE A BIOCHEMIE AV CR, V. V. I.	2022226651	MYRIAD GENETICS, INC.
2022221114	GRAVITRICITY LTD	2022226671	TYRA BIOSCIENCES, INC.
2022221260	AXIAL MEDICAL PRINTING LIMITED	2022226845	FREEDMAN ELECTRONICS PTY LTD
2022221268	DANIELI & C. OFFICINE MECCANICHE S.P.A.	2022227016	THE METHODIST HOSPITAL
2022221309	VIRGINIA COMMONWEALTH UNIVERSITY	2022227433	FREEDMAN ELECTRONICS PTY LTD
2022221336	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI; THE UNITED STATES GOVERNMENT AS REPRESENTED BY THE DEPARTMENT OF VETERANS AFFAIRS	2022227434	PLOTLOGIC PTY LTD
2022221606	A2 BIOTHERAPEUTICS, INC.	2022227534	ENVOY MEDICAL CORPORATION
2022221692	EDGEWELL PERSONAL CARE BRANDS, LLC	2022227536	ENVOY MEDICAL CORPORATION
2022221719	CELLPHIRE, INC.	2022227537	ENVOY MEDICAL CORPORATION
2022221746	THE UNIVERSITY OF BRITISH COLUMBIA	2022227563	10X GENOMICS, INC.
2022222332	IMPERIAL COLLEGE INNOVATIONS LIMITED	2022227599	ZIMMER, INC.
2022222412	THE ROYAL VETERINARY COLLEGE	2022227607	POSEIDA THERAPEUTICS, INC.
2022222444	DISPENSING TECHNOLOGIES B.V.	2022227687	BOSTON SCIENTIFIC NEUROMODULATION CORPORATION; AUGUSTA UNIVERSITY RESEARCH INSTITUTE, INC.
2022222458	KALVISTA PHARMACEUTICALS LIMITED	2022227771	NORTHWESTERN UNIVERSITY
2022222528	LYRUS LIFE SCIENCES PVT LTD; NOKHA TRADING LLP	2022227977	SITA INFORMATION NETWORKING COMPUTING UK LIMITED
2022222753	JOY GLOBAL SURFACE MINING INC.	2022228414	CHEVRON U.S.A. INC.
2022222757	PROMETHEUS FUELS, INC.	2022228415	CHEVRON U.S.A. INC.
2022222768	W. L. GORE & ASSOCIATES, INC.	2022228662	BRAIN BIOTECH AG
2022222781	REGENTS OF THE UNIVERSITY OF MINNESOTA	2022228745	LENOVO (SINGAPORE) PTE. LTD.
2022222833	NEWSOUTH INNOVATIONS PTY LIMITED	2022229030	CARDEN, B.
2022222915	SUBSEA 7 DO BRASIL SERVICOS LTDA	2022229380	ELI LILLY AND COMPANY
2022223012	LUOSSAVAARA-KIIRUNAVAARA AB	2022229739	INTERNATIONAL BUSINESS MACHINES CORPORATION
2022223110	NORTHROP GRUMMAN SYSTEMS CORPORATION	2022229740	SCIRHOM GMBH; NEW YORK SOCIETY FOR THE RELIEF OF THE RUPTURED AND CRIPPLED, MAINTAINING THE HOSPITAL FOR SPECIAL SURGERY
2022223206	JONES FOOD COMPANY LIMITED	2022229834	ADVANCED MATERIAL DEVELOPMENT LIMITED
2022223224	NEWAMSTERDAM PHARMA B.V.	2022229928	JOY, P.
2022223241	MERCK SHARP & DOHME LLC	2022230052	BLIS TECHNOLOGIES LIMITED
2022223257	ALLEN, I.L.E.; ALLEN, I.L.E.	2022230100	EQUASHIELD MEDICAL LTD.
2022223330	UNIVERSITÄT BASEL	2022230387	EVAPCO, INC.
2022223365	RECKITT & COLMAN (OVERSEAS) HYGIENE HOME LIMITED	2022230435	HOLLISTER INCORPORATED
2022223548	EGET LIBER, INC.	2022230450	ZOETIS SERVICES LLC
2022223560	CELECOR THERAPEUTICS, INC.		

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2022230618	BAOSHAN IRON & STEEL CO., LTD.	2022278694	PRECISION PLANTING LLC
2022230685	SYNGENTA CROP PROTECTION AG	2022278695	PRECISION PLANTING LLC
2022230971	CRODA INTERNATIONAL PLC; CRODA, INC.	2022278697	PRECISION PLANTING LLC
2022230979	MARQUEZ LOPEZ, F.	2022280757	SICHUAN CREDIT PHARMACEUTICAL CO., LTD
2022231185	BRAIMAN, R.D.	2022289837	ALIFE HEALTH INC.; FANTON, M.; TANG, J.
2022231382	MOTOCADDY LIMITED	2022290025	PRECISION PLANTING LLC
2022231918	SHENZHEN JIKANG PHARMACEUTICAL TECHNOLOGY CO., LTD.	2022290650	PRECISION PLANTING LLC
2022232312	MILWAUKEE ELECTRIC TOOL CORPORATION	2022291017	PRECISION PLANTING LLC
2022232360	VERTEX PHARMACEUTICALS INCORPORATED	2022301223	WUHAN NARI LIMITED LIABILITY COMPANY OF STATE GRID ELECTRIC POWER RESEARCH INSTITUTE
2022232361	GENENTECH, INC.	2022306695	HIPURA PTY LTD
2022232936	ELI LILLY AND COMPANY	2022311574	EPL LIMITED
2022233176	SLEEP NUMBER CORPORATION	2022311812	MYDECINE INNOVATIONS GROUP INC.
2022233431	DANA-FARBER CANCER INSTITUTE, INC.	2022322637	BIRD HEALTHCARE PTY LTD
2022233781	UNILEVER GLOBAL IP LIMITED	2022325171	Halliburton Energy Services, Inc.
2022233841	BERICAP HOLDING GMBH	2022328990	Sahajanand Medical Technologies Limited
2022234195	CORN PRODUCTS DEVELOPMENT, INC.	2022329267	ANZ MODULAR LIMITED
2022234212	PROPEX OPERATING COMPANY, LLC	2022334061	ACCU TARGET MEDIPHARMA (SHANGHAI) CO., LTD.
2022234219	ELI LILLY AND COMPANY	2022354611	LALIGA CONTENT PROTECTION, SL
2022234459	MINE VISION SYSTEMS, INC.	2022368595	TONGWEI SOLAR (CHENGDU) CO., LTD.
2022234754	ALPHA SOLAR TECHNOLOGIES PTY LTD	2022374192	ZHEJIANG NARADA POWER SOURCE CO., LTD.; HANGZHOU NARADA POWER TECHNOLOGY CO., LTD.
2022234852	BERICAP HOLDING GMBH	2022395421	JEONG, H.
2022234971	ELI LILLY AND COMPANY	2022402874	JIANGSU XCMG STATE KEY LABORATORY TECHNOLOGY CO., LTD.; XUZHOU XUGONG AUTOMOBILE MANUFACTURING CO. LTD
2022235241	DAIKIN INDUSTRIES, LTD.	2022408465	NGK INSULATORS, LTD.
2022236485	MEDINCELL S. A.	2022417378	GOOGLE LLC
2022237583	TITUS D.O.O. DEKANI	2022434181	SHANGHAI NOVAMAB BIOPHARMACEUTICALS CO., LTD.
2022237949	ECOFILE LTD	2023207420	PHILIPS DOMESTIC APPLIANCES HOLDING B.V.
2022239312	AVIRABAN, LLC	2023207772	PHILIPS DOMESTIC APPLIANCES HOLDING B.V.
2022239489	FRANCIS MEDICAL, INC.	2023210630	BALANCED BODY, INC.
2022239669	HEIDELBERG MATERIALS AG		
2022240095	CALIX LTD		
2022240454	ELI LILLY AND COMPANY		
2022240606	MILWAUKEE ELECTRIC TOOL CORPORATION		
2022240935	F. HOFFMANN-LA ROCHE AG		
2022242173	AEROMECH PTY LTD		
2022242757	ELI LILLY AND COMPANY		
2022242994	BOSTON SCIENTIFIC SCIMED, INC.		
2022244858	TIANJIN HAIRUNJIAHE INNOVATIVE PHARMACEUTICAL RESEARCH LIMITED LIABILITY COMPANY		
2022245325	GENENTECH, INC.		
2022245632	INTERNATIONAL BUSINESS MACHINES CORPORATION		
2022246002	ELI LILLY AND COMPANY		
2022246238	BOSTON SCIENTIFIC SCIMED, INC.		
2022248613	TODA CORPORATION; KYUSHU UNIVERSITY, NATIONAL UNIVERSITY CORPORATION		
2022249476	JFE STEEL CORPORATION		
2022253891	CENTURY THERAPEUTICS, INC.		
2022256010	W. L. GORE & ASSOCIATES, INC.		
2022256539	QUALCOMM INCORPORATED		
2022257471	CHUGAI SEIYAKU KABUSHIKI KAISHA		
2022260857	MADAD PTY LTD		
2022261830	TEKION CORP		
2022262359	SIEMENS MOBILITY GMBH		
2022262752	APOLLOMICS INC.		
2022263256	TEKION CORP		
2022264245	ANDRITZ HYDRO GMBH		
2022264706	VICTAULIC COMPANY		
2022264861	ANDRITZ HYDRO GMBH		
2022265487	FERROGLOBE INNOVATION, S.L.		
2022266663	RAYTHEON COMPANY		
2022267228	BOSTON SCIENTIFIC SCIMED, INC.		
2022273005	ANGIOWAVE IMAGING, LLC; BUTLER, W.E.		
2022273191	JOHNSON MATTHEY DAVY TECHNOLOGIES LIMITED		
2022276161	PRECISION PLANTING LLC		
2022276276	FUJIKURA LTD.		
2022276488	PRECISION PLANTING LLC		
2022277772	PRECISION PLANTING LLC		
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2022278007	PRECISION PLANTING LLC		

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2022218866	2022216691	2022240606	2022239489	2022221692	2022216810
<u>A01J 7 /-</u>	2022230685	<u>A42B 3 /-</u>	<u>A61B 10 /-</u>	<u>A61F 2 /-</u>	2022217475
2021427512	<u>A01P 9 /-</u>	2022223975	2022223979	2021418288	2022217610
<u>A01K 29 /-</u>	2022230685	2022232312	<u>A61B 17 /-</u>	2022205805	2022218642
2021409582	<u>A23C 11 /-</u>	2022240606	2021416739	2022206015	2022218771
<u>A01K 67 /-</u>	2021417006	<u>A47B 88 /-</u>	2021417430	2022206356	2022219025
2022207244	<u>A23C 19 /-</u>	2022237583	2021427747	2022210358	2022220017
<u>A01M 1 /-</u>	2022210514	<u>A47C 21 /-</u>	2022210358	2022215946	2022220196
2022395421	<u>A23C 9 /-</u>	2022233176	2022211360	2022218905	2022220863
<u>A01N 25 /-</u>	2022210514	<u>A47C 27 /-</u>	2022212755	2022222768	2022220869
2022207358	<u>A23F 3 /-</u>	2022233176	2022227599	2022226323	2022221336
2022230685	2022224157	<u>A47F 1 /-</u>	2022246238	20222242994	2022221746
2022239312	<u>A23L 11 /-</u>	2022219984	2022267228	2022242994	2022222412
<u>A01N 31 /-</u>	2021417006	<u>A47F 5 /-</u>	<u>A61B 18 /-</u>	2022246238	2022222458
2022216691	<u>A23L 2 /-</u>	2022219984	2022239489	2022256010	2022223224
<u>A01N 37 /-</u>	2022205368	<u>A47F 8 /-</u>	<u>A61B 3 /-</u>	2022328990	2022223241
2022230971	2022224157	2022260857	2022234061	<u>A61F 6 /-</u>	2022223560
<u>A01N 43 /-</u>	<u>A23L 25 /-</u>	<u>A47G 19 /-</u>	<u>A61B 34 /-</u>	2022223714	2022226098
2022207358	2021417006	2022234212	2022234061	<u>A61F 7 /-</u>	2022226671
2022210128	<u>A23L 29 /-</u>	<u>A47G 21 /-</u>	<u>A61B 5 /-</u>	2022239489	2022231918
2022211738	2022234195	2022234212	2022208313	<u>A61H 1 /-</u>	2022234219
2022219182	<u>A23L 33 /-</u>	<u>A47G 33 /-</u>	2022211177	2022218905	2022236485
2022230971	2022218203	2022212996	2022211360	<u>A61H 15 /-</u>	2022240454
<u>A01N 47 /-</u>	2022234195	<u>A47J 31 /-</u>	2022217152	2022229030	2022240935
2022230971	<u>A23L 35 /-</u>	2022217449	2022219304	<u>A61H 23 /-</u>	2022244858
<u>A01N 51 /-</u>	2021428218	2022220621	2022220823	2021417003	2022262752
2022230685	<u>A23L 7 /-</u>	<u>A47J 42 /-</u>	2022273005	202229030	2022280757
<u>A01N 59 /-</u>	2021417006	2021427201	<u>A61B 6 /-</u>	<u>A61H 39 /-</u>	2022311812
2022230971	2022234195	2022217449	2022273005	2021417003	<u>A61K 33 /-</u>
2022239312		2022217449	<u>A61B 8 /-</u>	<u>A61H 7 /-</u>	2022213016
		2022217449	2022219304	2021417003	2022218771
		2021428496	<u>A61C 13 /-</u>	<u>A61H 15 /-</u>	<u>A61K 35 /-</u>
		2022217449	2021428496	2022229030	2022206676
		2022217449	<u>A61C 5 /-</u>	<u>A61H 23 /-</u>	2022208424
		2022217449	2021428496	2021417003	2022213262
		2022217449		2022229030	2022214200
		2022217449		2022229030	2022214906
		2022217449		2022229030	2022216551
		2022217449		2022229030	2022219941
		2022217449		2022229030	2022220196
		2022217449		2022229030	2022221719
		2022217449		2022229030	2022224391
		2022217449		2022229030	2022226621
		2022217449		2022229030	2022232360
		2022217449		2022229030	<u>A61K 36 /-</u>
		2022217449		2022229030	2022207638
		2022217449		2022229030	202222528
		2022217449		2022229030	<u>A61K 38 /-</u>
		2022217449		2022229030	2021412922

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2022205543	<u>A61K 8 /-</u>	<u>A61M 39 /-</u>	2022211959	2022244858	<u>A63B 55 /-</u>
2022205795			2022213255	2022262752	
2022206101	2022224633	2021419942	2022215936		2022231382
2022206311	2022230052	2022230100	2022216810	<u>A61P 37 /-</u>	
2022206394			2022217610		<u>A63F 13 /-</u>
2022206577	<u>A61K 9 /-</u>	<u>A61M 5 /-</u>	2022231918	2022206394	
2022209720			2022232936	2022206434	2022231185
2022217094	2022207638	2022230100	2022234971	2022215543	
2022218792	2022208424		2022236485	2022216810	<u>B01B 1 /-</u>
2022218797	2022208484	<u>A61N 1 /-</u>	2022240935	2022217475	
2022223330	2022210426			2022218137	2022225828
2022227607	2022213016	2022205971	<u>A61P 27 /-</u>	2022220869	
2022246002	2022214906	2022219108		2022224567	<u>B01D 21 /-</u>
2022289837	2022217094	2022219528	2022217610	2022227016	2022210889
	2022220017	2022226577	2022231918	2022229740	
<u>A61K 39 /-</u>	2022220196	2022227534		2022231918	<u>B01D 25 /-</u>
	2022220942	2022227536	<u>A61P 29 /-</u>		
2021418636	2022221746	2022227537		<u>A61P 43 /-</u>	2022218377
2022205325	2022227016	2022227687	2022217610		
2022205648	2022227607		2022219941	2022218792	<u>B01D 29 /-</u>
2022206434	2022227771	<u>A61N 2 /-</u>	2022222412	2022219941	
2022207030	2022236485		2022231918	2022220863	2022276488
2022210461	2022244858	2022219528		2022221336	
2022215543	2022246002	<u>A61N 5 /-</u>	<u>A61P 3 /-</u>		<u>B01D 3 /-</u>
2022217845	2022280757			<u>A61P 7 /-</u>	
2022219133		2022208424	2022218792		2022209187
2022219373	<u>A61L 15 /-</u>	2022229030	2022223224	2022205370	
2022221309			2022226098	2022221719	<u>B01D 35 /-</u>
2022224567	2022213016	<u>A61N 7 /-</u>	2022227607	2022221746	
2022232936			2022246002	2022222458	2022276488
2022234219	<u>A61L 24 /-</u>	2022219528			
2022234971			<u>A61P 31 /-</u>	<u>A61P 9 /-</u>	<u>B01D 53 /-</u>
2022253891	2022205500	<u>A61P 1 /-</u>			
2022434181	<u>A61L 26 /-</u>		2021412922	2022215946	2021426744
		2022217475	2022205484	2022216577	2021427706
<u>A61K 45 /-</u>	2022205500	2022220863	2022209720	2022217610	2022207105
	2022213016	<u>A61P 11 /-</u>	2022215543	2022219025	2022209187
2022215946			2022216810	2022220863	2022408465
2022218771	<u>A61L 27 /-</u>	2022215543	2022219025	2022222458	
2022223560		2022220196	2022220196	2022223224	<u>B01D 61 /-</u>
	2022226323	2022219941	2022220611		
<u>A61K 47 /-</u>	2022226621	2022220611	2022223241	<u>A61Q 11 /-</u>	2021432103
		2022231918	2022231918		
2022205325	<u>A61L 31 /-</u>	<u>A61P 13 /-</u>	2022239312	2022224633	<u>B01D 63 /-</u>
2022206394					
2022206424	2022211302		<u>A61P 35 /-</u>	<u>A61Q 19 /-</u>	2021432103
2022208484		2022217610			<u>B01F 23 /-</u>
2022209720	<u>A61M 11 /-</u>	2022226098	2021418636	2022230052	2022278695
2022213016			2022205325		
2022214200	2022322637	<u>A61P 17 /-</u>	2022206394	<u>A62B 18 /-</u>	
2022214906			2022206577		<u>B01F 25 /-</u>
2022215936	<u>A61M 15 /-</u>	2022213016	2022207030	2022239312	
2022217094		2022217610	2022208424		2022278695
2022217845	2022322637	2022220863	2022211624	<u>A62C 2 /-</u>	
2022222781		2022242757	2022212825		<u>B01F 27 /-</u>
2022224567	<u>A61M 16 /-</u>	<u>A61P 19 /-</u>	2022216810	2021382403	
2022236485			2022217610	<u>A62D 1 /-</u>	2022278695
2022244858	2022322637	2022217610	2022217845		<u>B01F 35 /-</u>
2022246002	<u>A61M 25 /-</u>	2022222412	2022218771	2021417688	
		2022242757	2022219133		2022278695
<u>A61K 48 /-</u>	2022206015	<u>A61P 21 /-</u>	2022219373	<u>A63B 21 /-</u>	
	2022211360		2022219941		<u>B01J 12 /-</u>
2022211959	2022215675	2022213262	2022220869	2022217019	
2022213255	2022216649	2022280757	2022221309	2023210630	2022225831
2022214906	2022224514	<u>A61P 23 /-</u>	2022222412		
2022218642	2022226323		2022224391	<u>A63B 23 /-</u>	<u>B01J 19 /-</u>
2022227607		2022213016	2022224567		
	<u>A61M 31 /-</u>		2022226671	2022217019	2021426187
<u>A61K 6 /-</u>		<u>A61P 25 /-</u>	2022229380	<u>A63B 24 /-</u>	2022225831
	2022223714		2022231918		
2021425801		2022206311	2022233431	2022217019	<u>B01J 20 /-</u>
			2022234219		
			2022240454		2021417688

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2021426744	<u>B05B 7/-</u>	<u>B32B 5/-</u>	<u>B62B 3/-</u>	<u>B65D 85/-</u>	<u>C04B 35/-</u>
2021427706					
2022210889	2022222444	2022206203	2021425005	2022220621	2022224638
		2022206606			
<u>B01J 21/-</u>	<u>B07B 11/-</u>	202220693	<u>B62B 5/-</u>		<u>C07C 229/-</u>
		2022224447		<u>B66B 17/-</u>	
2022217085	2022230979	2022226373	2021425005	2021425251	2022222412
<u>B01J 23/-</u>	<u>B07B 4/-</u>	<u>B32B 7/-</u>	<u>B62D 1/-</u>	<u>B66F 11/-</u>	<u>C07C 255/-</u>
2022225831	2022230979	2022206203	2022206002	2021434045	2022212029
		2022224447			
<u>B01J 29/-</u>	<u>B07B 7/-</u>	2022226373	<u>B62D 33/-</u>		<u>C07C 29/-</u>
				<u>B82Y 40/-</u>	
2022217085	2022230979	<u>B33Y 10/-</u>	2022206002	2022217020	2022273191
			2022402874		2022408465
<u>B01J 35/-</u>	<u>B07C 5/-</u>	2022205805	<u>B62D 6/-</u>	<u>B82Y 5/-</u>	<u>C07C 31/-</u>
		2022212775			
2022209187	2022221268	2022219948	2022206002	2022213016	2022273191
				2022227771	2022408465
<u>B01J 41/-</u>	<u>B08B 7/-</u>	<u>B33Y 30/-</u>	<u>B63B 21/-</u>	<u>C01B 25/-</u>	<u>C07C 323/-</u>
2022222757	2021414422	2022219948	2022222915	2022219144	2022216691
<u>B01J 6/-</u>	<u>B23Q 17/-</u>	<u>B33Y 70/-</u>	<u>B63B 35/-</u>	<u>C01B 3/-</u>	<u>C07C 327/-</u>
2022209187	2022222753	2022212775	2022222915	2022209187	2022222412
			2022242173	2022225831	
<u>B01J 7/-</u>	<u>B25B 15/-</u>	<u>B33Y 80/-</u>	2022248613	2022273191	<u>C07D 205/-</u>
2022225831	2022212755	2022205805	<u>B63B 59/-</u>	<u>C01B 32/-</u>	2022219025
<u>B01L 3/-</u>	<u>B25B 23/-</u>	<u>B60C 15/-</u>	2021414422	2021426187	<u>C07D 213/-</u>
				2021426744	
2022227434	2022212755	2021430672	<u>B63B 77/-</u>	2021427706	2022219542
2022290025				2022229834	
2022290650	<u>B25J 9/-</u>	<u>B60C 23/-</u>	2022248613		<u>C07D 249/-</u>
2022291017					
	2021414422	2022211147	<u>B63C 11/-</u>	<u>C01B 33/-</u>	2022216810
<u>B01L 7/-</u>	<u>B29B 15/-</u>	<u>B60G 17/-</u>	2021414422	2022265487	<u>C07D 251/-</u>
2022208671	2022206606	2022402874	<u>B63C 9/-</u>	<u>C01F 7/-</u>	2022212825
<u>B02C 4/-</u>	<u>B29C 64/-</u>	<u>B60H 1/-</u>	2022242173	2022306695	<u>C07D 261/-</u>
2021428908	2022205805	2021436633	<u>B64F 1/-</u>	<u>C02F 1/-</u>	2022219182
	2022219948				2022220863
<u>B02C 7/-</u>	<u>B29C 65/-</u>	<u>B60K 37/-</u>	2021425715	2021414422	
				2022210889	<u>C07D 271/-</u>
2021427201	202223757	2022206002	<u>B65D 1/-</u>	2022217884	
	2022224494			2022219144	2022221336
<u>B03B 5/-</u>	<u>B29C 73/-</u>	<u>B60L 50/-</u>	2022223757	2022223548	
2022239669	2022211147	2022231382	<u>B65D 47/-</u>	<u>C02F 9/-</u>	<u>C07D 277/-</u>
<u>B03C 3/-</u>	<u>B29K 101/-</u>	<u>B60L 53/-</u>	2022223757	2022210889	2022222412
			2022233841		
2021418882	2022206606	<u>B60P 3/-</u>	2022234852	<u>C04B 18/-</u>	<u>C07D 311/-</u>
<u>B03D 1/-</u>	<u>B32B 15/-</u>	2021436633	<u>B65D 5/-</u>	2022239669	2022222412
2022225970	2022311574	<u>B60R 16/-</u>	2022322637	<u>C04B 20/-</u>	<u>C07D 327/-</u>
<u>B03D 101/-</u>	<u>B32B 27/-</u>	<u>B60W 30/-</u>	<u>B65D 55/-</u>	2022239669	2022311812
2022225970	2022206606	2022262359	2022233841	<u>C04B 22/-</u>	<u>C07D 333/-</u>
	2022215837				
2022225970	2022216802	<u>B62B 1/-</u>	<u>B65D 71/-</u>	2022239669	2022211624
	2022218770				
<u>B04B 1/-</u>	2022224447	2022206477	2022207133	<u>C04B 28/-</u>	<u>C07D 401/-</u>
	2022226373				
2022239669	2022311574	2022231382	<u>B65D 81/-</u>	2021425251	2022216810
					2022217610
			2022223365		2022219542

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2022220869		2022210461	<u>C08J 9 /-</u>		<u>C12P 21 /-</u>
2022222458	<u>C07D 495 /-</u>	2022217845		<u>C12M 3 /-</u>	
<u>C07D 403 /-</u>	2022206424	2022218137	2022216802	2021421462	2022219133
2022206989	<u>C07D 498 /-</u>	2022219133	<u>C08K 3 /-</u>	2021421885	<u>C12P 7 /-</u>
2022216810		2022219373			
2022219025	2022205484	2022220611	2022214600	<u>C12N 1 /-</u>	2022206495
2022226671	2022223241	2022224391	<u>C08L 63 /-</u>	2022206495	<u>C12Q 1 /-</u>
2022231918	<u>C07D 513 /-</u>	2022229740		2022223548	
<u>C07D 405 /-</u>		2022232936			2022205325
	2022205484	2022234971			2022211185
	2022240935	2022257471	<u>C08L 67 /-</u>		2022215582
2022216810		2022434181		2021412922	2022216551
2022222458	<u>C07D 519 /-</u>	<u>C07K 17 /-</u>	2022215837	2021418636	2022218797
2022226671			2022216802	2022206495	2022220987
<u>C07D 407 /-</u>	2022205484	2022214200	<u>C09D 163 /-</u>	2022206676	2022226651
	2022222458	<u>C07K 19 /-</u>		2022207030	2022227563
2022211624	<u>C07F 11 /-</u>		2021429979	2022207244	2022233431
<u>C07D 409 /-</u>		2022219133	<u>C09D 175 /-</u>	2022208290	<u>C12R 1 /-</u>
	2022205484	<u>C07K 7 /-</u>		2022210762	
2022211624	<u>C07F 5 /-</u>	2022205543	2022212775	2022212766	2022206495
2022216810		2022205795	<u>C09D 181 /-</u>	2022213255	
<u>C07D 413 /-</u>	2021434552	2022206101		2022213262	<u>C12B 13 /-</u>
	<u>C07H 17 /-</u>	2022206394	2021429979	2022214170	
2022216810		<u>C08B 37 /-</u>	<u>C09D 5 /-</u>	2022217845	2022223012
2022219182	2022240454			2022218642	<u>C12D 8 /-</u>
2022220863	<u>C07H 21 /-</u>	2022212563	2021429979	2022218866	
2022222458		<u>C08F 20 /-</u>	<u>C09J 7 /-</u>	2022219133	2022230618
2022226671	2022208290	2021426187		2022220203	2022249476
<u>C07D 417 /-</u>	<u>C07J 43 /-</u>	<u>C08F 214 /-</u>	2022218770	2022220987	<u>C22B 1 /-</u>
				2022221309	
2022211624	2022244858	2022211709	<u>C09K 21 /-</u>	2022221606	<u>C22B 15 /-</u>
2022216810	<u>C07J 71 /-</u>	<u>C08F 216 /-</u>		2022221746	
2022220863		2022211709	<u>C09K 5 /-</u>	2022223330	2022225970
2022222412	2022242757	<u>C08F 220 /-</u>	2022213724	2022226098	
2022226671	<u>C07K 1 /-</u>	2021426187	<u>C09K 8 /-</u>	2022227771	<u>C22B 21 /-</u>
<u>C07D 421 /-</u>		<u>C08G 18 /-</u>		2022228662	
	2021412922	2022212775	2021417688	2022253891	2022225970
2022205484	<u>C07K 14 /-</u>	<u>C08G 59 /-</u>	<u>C09K 5 /-</u>	2022257471	<u>C22B 21 /-</u>
<u>C07D 453 /-</u>		2022216464	2022213724	2022434181	
2022216810	2021412922	<u>C08G 63 /-</u>	<u>C09K 8 /-</u>	<u>C12N 5 /-</u>	2022306695
<u>C07D 471 /-</u>	2022206394		2021417688		<u>C22B 26 /-</u>
	2022206577	2022212775	2022325171	2022206311	2022223890
2022205484	2022208290	<u>C08G 59 /-</u>	<u>C10G 2 /-</u>	2022207244	
2022212825	2022210461	2022216464		2022211185	<u>C22B 3 /-</u>
2022216810	2022211959	<u>C08G 63 /-</u>	2022408465	2022214200	
2022219182	2022213255		<u>C10G 45 /-</u>	2022219941	2022223890
2022222458	2022214170	<u>C08G 63 /-</u>	2022217085	2022221606	<u>C22B 7 /-</u>
2022222781	2022218797			2022224391	
2022226671	2022219373	<u>C08G 75 /-</u>	<u>C11D 1 /-</u>	2022227016	2022306695
2022229380	2022220203	2022215837		2022232360	
<u>C07D 487 /-</u>	2022220611	2022216802	<u>C11D 11 /-</u>	<u>C12N 7 /-</u>	<u>C22C 38 /-</u>
	2022221606				
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G01S 5/04 (2006.01)
G07C 9/00 (2020.01)
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H04B 1/034 (2006.01)
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A45C 11/00 (2006.01)
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A23L 13/00 (2016.01)
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C12N 1/20 (2006.01)
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C07K 16/00 (2006.01)
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B82Y 10/00 (2011.01)
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C12M 1/42 (2006.01)
C12N 5/0783 (2010.01)
C12N 5/10 (2006.01)
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C08G 18/24 (2006.01)
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C12N 15/00 (2006.01)
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H04L 67/02 (2022.01)
H04L 67/146 (2022.01)
H04L 67/53 (2022.01)
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C01B 3/30 (2006.01)
C01B 3/56 (2006.01)
C01B 32/05 (2017.01)
H01M 8/0612 (2016.01)

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C07D 401/14 (2006.01)
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A01H 3/00 (2006.01)
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C05F 11/08 (2006.01)
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A61P 25/28 (2006.01)
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C07D 413/14 (2006.01)
A61K 31/337 (2006.01)
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G05D 1/02 (2020.01)
G05D 3/00 (2006.01)
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E04C 3/293 (2006.01)
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2017347776	Rauch, M.; Kleineke, R.	2018328112	Airway Therapeutics, Inc.
2017363823	Alfred Health; Monash University	2018328192	Linde Engineering North America, Inc.
2017366895	Walmart Apollo, LLC	2018329467	Medos International Sàrl
2017368151	Chico's Brands Investments	2018335125	Bayer Aktiengesellschaft
2017374947	Università degli Studi di Padova; Fondazione Città della Speranza - Onlus	2018335587	McElroy Manufacturing, Inc.
2017377595	Indena S.p.A.	2018335612	Medos International Sàrl
2017379094	kaleo, Inc.	2018342471	Incyte Corporation
2017381876	Mirekaja A.G.	2018346326	Algorand, Inc.
2017382363	Calgon Carbon Corporation	2018346331	Dana-Farber Cancer Institute, Inc.; The Brigham and Women's Hospital, Inc.
2017382675	Caterpillar Trimble Control Technologies LLC	2018346998	Aimwell Holding Pty Ltd
2017384027	Hilti Aktiengesellschaft	2018350848	Liebherr-Copponents Biberach GmbH
2017388357	DePuy Synthes Products, Inc.	2018356031	PRC-DeSoto International, Inc.
2017397430	Kimberly-Clark Worldwide, Inc.	2018359655	Nextera AS
2017408066	Khondrion IP B.V.	2018360285	Universite Amiens Picardie Jules Verne; Centre Hospitalier Universitaire d'Amiens; Centre National de la Recherche Scientifique - CNRS -
2017423797	General Mills, Inc.	2018364990	The Henry M. Jackson Foundation for the Advancement of Military Medicine, Inc.
2017430696	Transitions Optical, Ltd.	2018379172	NTT DOCOMO, INC.
2017438137	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2018382368	Cockerill Maintenance & Ingenierie S.A.
2018201183	Noritz Corporation	2018389092	Synergia Life Sciences Pvt. Ltd.
2018201675	Johnson & Johnson Consumer Inc.	2018414508	Halliburton Energy Services, Inc.
2018201676	Johnson & Johnson Consumer Inc.	2018422676	Halliburton Energy Services, Inc.
2018201874	Miles, S.	2018427076	BBG, S.A.
2018202137	Otis Elevator Company	2018454447	Beijing Guanghe New Energy Technology Co., Ltd.
2018202232	Hunter Douglas Inc.	2019200796	Blue I.V. LLC
2018202288	Stramit Corporation Pty Limited	2019206560	Cyclerion Therapeutics, Inc.
2018203353	Covidien LP	2019213472	Create It REAL ApS
2018203360	Covidien LP	2019216773	Shutterstock Ventures LLC
2018204342	LOCINOX	2019226572	Life Technologies Corporation
2018204761	Caterpillar Global Mining Equipment LLC	2019227861	Expro North Sea Limited
2018205258	Conralline, Inc.; Grover, G.; Eisenfrats, K.; Moran, E.	2019228917	Seikagaku Corporation
2018205704	Bayer HealthCare LLC	2019231172	Phanes Therapeutics, Inc.
2018207300	The General Hospital Corporation	2019239273	Asahi Soft Drinks Co., Ltd.; Asahi Group Holdings, Ltd.
2018208659	Covidien LP	2019239955	Biohaven Therapeutics Ltd.
2018212974	Regeneron Pharmaceuticals, Inc.	2019240023	De La Rue International Limited
2018214450	Western Sydney Local Health District	2019241940	Block, Inc.
		2019262116	Becton, Dickinson and Company
		2019276969	Ab Initio Technology LLC

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2019277150	Omeros Corporation	2021200029	Board of Regents, The University of Texas System
2019280475	KA Imaging Inc.	2021200193	Regeneron Pharmaceuticals, Inc.
2019284918	Karsten Manufacturing Corporation	2021201683	The Broad Institute, Inc.; Massachusetts Institute of Technology
2019290018	Fivecast Pty Ltd	2021202832	MARA RENEWABLES CORPORATION
2019290197	Calico Life Sciences LLC; AbbVie Inc.	2021203700	STRYKER EUROPEAN OPERATIONS LIMITED
2019300019	GPB Scientific, Inc.; The Trustees of Princeton University; University of Maryland, Baltimore	2021203840	Emory University
2019330119	Lumus Ltd.	2021204301	Sorrento Therapeutics, Inc.
2019339446	Sinclair & Rush, Inc.	2021204323	Illumina, Inc.
2019343425	Huawei Digital Power Technologies Co., Ltd.	2021204433	IP Reserve Pty Ltd
2019424684	Guangzhou Shirui Electronics Co. Ltd.; Guangzhou Shiyuan Electronic Technology Company Limited	2021204735	Fenwal, Inc.
2019425998	Peng, S.	2021204743	YETI Coolers, LLC
2019450775	Mitsubishi Electric Corporation	2021205081	Genentech, Inc.; F. Hoffmann-La Roche AG
2019452577	Hangzhou Dac Biotech Co., Ltd.	2021206922	Integrated Technology Services IP Pty Ltd
2019463160	Nuovo Pignone Tecnologie S.r.l.	2021211989	The Regents of the University of California
2019463851	Shanghai Zhenhua Heavy Industries Co. Ltd	2021212021	Enterobiome Inc.
2019472434	Colgate-Palmolive Company	2021212117	Munters Corporation
2019475036	Telefonaktiebolaget LM Ericsson (publ)	2021212133	Zoetis Services LLC
2019478931	Fujitsu Frontech Limited	2021213061	American Sterilizer Company
2020204602	ImmunoGen, Inc.	2021214350	Kumiai Chemical Industry Co., Ltd.
2020208176	Glisten LLC	2021215159	Société des Produits Nestlé S.A.
2020218241	Daikin Industries, Ltd.	2021216601	China Mobile Communication Co., Ltd Research Institute; China Mobile Communications Group Co., Ltd.
2020220512	CSPC Zhongqi Pharmaceutical Technology (Shijiazhuang) Co., Ltd.	2021221407	Technological Resources Pty. Limited
2020229251	LG Electronics Inc.	2021221437	Westinghouse Air Brake Technologies Corporation
2020234441	Huawei Technologies Co., Ltd.	2021221485	Sovereign Wallet Co., Ltd.
2020235622	Qualcomm Incorporated	2021225146	Snap-on Incorporated
2020239160	Tyco Electronics UK Ltd.; Tyco Electronics Raychem GmbH	2021225809	Gilead Sciences, Inc.
2020252399	Tucker, S.	2021229240	Minerva Neurosciences, Inc.
2020252969	G H Enterprise (WA) Pty Ltd	2021231671	Cisco Technology, Inc.
2020253797	The Gillette Company LLC	2021236527	Terra Quantum AG
2020257174	Gilead Sciences, Inc.	2021236573	LG Electronics Inc.
2020260931	LG Chem, Ltd.	2021239327	IHI Corporation
2020262837	Caterpillar Inc.	2021240137	The Board of Trustees of the Leland Stanford Junior University
2020264105	Caterpillar Inc.	2021240160	24M Technologies, Inc.; Fukushima, T.
2020272576	Oetiker Tool Company	2021240297	Zelira Therapeutics Operations Pty Ltd
2020276667	Shell Internationale Research Maatschappij B.V.	2021246513	Carnival Corporation
2020277697	Pharvaris GmbH	2021247417	v2food Pty Ltd
2020280911	MEDSENIC	2021250918	XCMG, Construction Machinery Co., LTD. Building Machinery Co.
2020290475	Mekonos Inc.	2021250920	LG ELECTRONICS INC.
2020296188	Coopersurgical, Inc.	2021257378	Exedra AS
2020300853	Kuchimanchi, V.S.S.S.; Kuchimanchi, V.	2021261837	Hamm AG
2020305430	Vivo Mobile Communication Co., Ltd.	2021261969	S. C. Johnson & Son, Inc.
2020306672	F. Hoffmann-La Roche AG	2021266323	LG Electronics Inc.
2020308163	GC Corporation	2021266355	Gen-Probe Incorporated
2020309775	Clariant International Ltd; Omya International AG	2021269344	CRRC Changchun Railway Vehicles Co., Ltd.
2020319112	Qingdao Haier Refrigerator Co., Ltd; Haier Smart Home Co., Ltd.	2021273581	Yanggu Xiangguang Copper Co., Ltd
2020323967	Verton IP Pty Ltd	2021275732	Tata Consultancy Services Limited
2020334262	Bühler AG	2021277621	British American Tobacco (Investments) Limited
2020339526	Osho Filtration Co., Ltd.	2021277627	The United States of America, as represented by the Secretary, Department of Health and Human Services
2020343556	FUJIFILM Corporation	2021277663	Edrington Distillers Limited
2020343703	Crane Payment Innovations, Inc.	2021284167	Weatherford Technology Holdings, LLC
2020355359	Shenzhen TargetRx, Inc.	2021286370	Magic Leap, Inc.
2020362107	GACW Incorporated	2021287784	Chevron U.S.A. Inc.
2020363016	RAI Strategic Holdings Inc	2021290303	Illumina, Inc.
2020363144	Nanjing Sanhome Pharmaceutical Co., Ltd.	2021290322	Brius Technologies, Inc.
2020376138	Vetco Gray Scandinavia AS	2021298029	MycoTechnology, Inc.
2020378656	Peikko Group Oy	2021299284	Lyondellbasell Advanced Polymers Inc.
2020384121	Ildong Pharmaceutical Co., Ltd.	2021301454	IdentityRent Pty Ltd
2020384865	Zevex, Inc.	2021317121	Hisense (Shandong) Refrigerator Co., Ltd.
2020390789	Guangzhou Shiyuan Electronic Technology Company Limited; Guangzhou Shirui Electronics Co., Ltd.	2021325471	ContentsRights LLC
2020407100	PRC-DeSoto International, Inc.	2021329443	Ki Strategies Pty Ltd
2020418285	Vivo Mobile Communication Co., Ltd.	2021337530	4D Molecular Therapeutics Inc.
2020419581	Weber-Stephen Products LLC	2021343430	Nicolon Corporation D/B/A Tencate Geosynthetics Americas
2020420030	ShenZhen Rhegen Biotechnology Co., Ltd.	2021349215	CBN Nano Technologies Inc.
2020434523	Mitsubishi Electric Corporation	2021373070	ALBERT EINSTEIN COLLEGE OF MEDICINE
2020453094	Dalian Safe Technology Co., LTD	2021374676	TEREX SOUTH DAKOTA, INC.
2020466884	Contemporary Ampere Technology Co., Limited	2022200026	Amgen Inc.

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2022200112 S.D. Sight Diagnostics Ltd
2022200143 Sungrow Hefei Smart Maintenance Technology Co., Ltd
2022200282 Beijing Baidu Netcom Science and Technology Co., Ltd.
2022200525 Dalian Rongkepower Co., Ltd
2022201015 Transportation IP Holdings, LLC
2022201720 Apple Inc.
2022201798 SAMSUNG ELECTRONICS CO., LTD.
2022202148 Clementia Pharmaceuticals Inc.
2022202206 Research Triangle Institute
2022202826 DRAEGER SAFETY AG & CO. KGAA
2022202887 Tse, K.
2022203017 NAVICO HOLDING AS
2022203323 ESKP3 PTY LTD
2022203842 Google LLC
2022203912 JANOME Corporation
2022204349 ZHEJIANG JINKO SOLAR CO., LTD.; JINKO SOLAR CO., LTD.
2022204351 BNSF Railway Company
2022204805 Toshiba Energy Systems & Solutions Corporation
2022210967 HOLLISTER INCORPORATED
2022218559 Jetti Resources, LLC
2022235591 Apple Inc.
2022252700 Google LLC
2022252723 Magic Leap, Inc.
2022252824 Titan Trailers Inc.
2022267043 COOPERVISION INTERNATIONAL LIMITED
2022268359 Fusetec 3D Pty Ltd
2022283696 Sayfa R&D Pty Ltd
2022283793 LOAM BIO PTY LTD
2023200869 Gen-Probe Incorporated
2023201094 BeeHero Ltd.
2023202250 LOAM BIO PTY LTD
2023203552 Tau Motors, Inc.
2023204622 Apple Inc.
2023204655 Rustamzadeh, E.

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2021298029	2017423797	<u>A43B 7 /-</u>	2020252399	2021203700	2018201675 2018201676 2018264809
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<u>A01H 3 /-</u>	<u>A23B 4 /-</u>	<u>A45C 11 /-</u>	2022202826	<u>A61B 6 /-</u>	<u>A61L 2 /-</u>
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<u>A01H 5 /-</u>	<u>A23J 3 /-</u>	<u>A46B 9 /-</u>	2022202826	<u>A61B 90 /-</u>	<u>A61M 1 /-</u>
2017336343	2020334262 2021247417	<u>A46D 1 /-</u>	2022202826	2021213061	2017363823 2018265218 2021204735
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2023201094	2020343556	<u>A47D 1 /-</u>	2022202826	2021290322	2019200796
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<u>A01K 97 /-</u>	<u>A23L 17 /-</u>	<u>A47L 5 /-</u>	2020253797	<u>A61F 15 /-</u>	<u>A61M 29 /-</u>
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2022283793 2023202250	2020363016	<u>A47V 1 /-</u>	2021247417	2016331819 2016333175 2017335902 2019231172 2021200029 2021205081 2021211989 2021240137	2019200796
<u>A01P 3 /-</u>	<u>A24D 1 /-</u>	<u>A47W 1 /-</u>	2020363016	<u>A61F 2 /-</u>	<u>A61M 5 /-</u>
2018335125	2021277621	<u>A47X 1 /-</u>	2020363016	2018205258 2018335612	2017379094 2018205704 2018265218 2018277036 2018278199
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2021214350	2020363016	<u>A47Z 1 /-</u>	2020363016	2018265218	
		<u>A61B 1 /-</u>	2018287544	<u>A61F 9 /-</u>	
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2017252409	2018342471	<u>A63B 102 /-</u>	<u>B23B 51 /-</u>	<u>B60B 39 /-</u>	<u>B65D 71 /-</u>
2017374947	2018364990	2019284918	2017381876	2021204433	2017308725
2020260931	2018389092	<u>A63B 53 /-</u>	<u>B23P 17 /-</u>	<u>B60B 7 /-</u>	<u>B65D 81 /-</u>
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2020277697	2020220512	<u>B01D 12 /-</u>	<u>B25B 21 /-</u>	<u>B60C 7 /-</u>	2017307956
2021212021	2020280911	2017347776	2021225146	2020362107	2018312777
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2020277697	2020363144	2018212974	2021225146	2021374676	2018201183
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2018205258	2021205081	2017347776	2017258914	2021374676	<u>B65D 90 /-</u>
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2020277697	2017374947	<u>B01D 46 /-</u>	<u>B25B 7 /-</u>	<u>B60Q 1 /-</u>	2017366895
2021212021	2018364990	2018281331	2020272576	2017329182	<u>B65G 15 /-</u>
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2022202148	2020280911	2018313795	2017384027	2018252201	<u>B65G 21 /-</u>
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2018389092	<u>A61P 43 /-</u>	<u>B01J 23 /-</u>	<u>B29C 45 /-</u>	2021269344	2019425998
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<u>A61P 3 /-</u>	2020277697	2020407100	2020407100	2021221437	<u>B66C 6 /-</u>
2020260931	<u>A61Q 13 /-</u>	<u>B05D 5 /-</u>	<u>B62D 55 /-</u>	<u>B62D 55 /-</u>	2019463851
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2020264105	2018204761	<u>F04B 43 /-</u>	2021317121	2021212133	2022204805
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<u>G06K 19 /-</u>	2017347776	2018201874	
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Certified Innovation Patents**Name Index**

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

(71) Adama Australia Pty Limited
(11) AU-B-2019101065
(21) 2019101065 (22) 16.09.2019
(54) Mepiquat Formulations
(51) Int. Cl.
 A01N 43/40 (2006.01)
 A01N 25/02 (2006.01)
 A01N 25/22 (2006.01)
 A01N 25/30 (2006.01)
(45) 24.08.2023
(72) Horsfield, Andrew; Pickering, Harry
(74) Chrysiliou IP

Numerical Index

2019101065 Adama Australia Pty Limited

IPC Index

A01N 25 /-

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Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Lodged

- 2017342702 **Effusiontech IP Pty Ltd** (Commonwealth Scientific and Industrial Research Organisation)
- 2019340383 **Crane & Co., Inc.** (CCL Secure Pty Ltd)
- 2021203036 **ESCO Group LLC** (CQMS Pty Ltd)

Opposition under Section 104(4) - Lodged

- 2008340101 **Janssen Pharmaceutica NV** (Juno Pharmaceuticals Pty Ltd)

Patents Granted

Standard Patents

2016323066	2016341527	2016352592	2016363683
2016409077	2016416524	2016429662	2017203803
2017203846	2017203856	2017203878	2017204426
2017204648	2017207764	2017216561	2017217864
2017222296	2017239595	2017239832	2017242818
2017248553	2017248614	2017252750	2017255086
2017259988	2017261795	2017267804	2017276355
2017277803	2017283545	2017285486	2017286979
2017296966	2017301970	2017302551	2017313388
2017314951	2017315447	2017320580	2017321095
2017324486	2017326035	2017326428	2017326626
2017326739	2017326905	2017332816	2017332832
2017344873	2017347045	2017347838	2017349451
2017352032	2017356780	2017362464	2017362872
2017367224	2017367585	2017371223	2017372465
2017373322	2017373323	2017374459	2017376128
2017376233	2017379061	2017379313	2017380455
2017384386	2017385419	2017388969	2017400679
2017400680	2017409719	2017410234	2017411157
2017423114	2018201454	2018203343	2018210175
2018210637	2018211721	2018212139	2018212302
2018216283	2018219770	2018221015	2018221818
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2018235156	2018235890	2018241748	2018242217
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2018282873	2018286673	2018287610	2018289605
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2019338456	2019343079	2019350867	2019352422
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2019361191	2019366679	2019369917	2019370424
2019370892	2019379474	2019380202	2019388106
2019392876	2019398353	2019400865	2019400961
2019406537	2019409700	2019412346	2019414426
2019420455	2019424397	2019428180	2019431307
2019440859	2019442626	2019445845	2019446069
2019457513	2019460446	2019464927	2019469886
2020203507	2020203531	2020203860	2020204497
2020205304	2020206084	2020206761	2020216817
2020219488	2020220128	2020223773	2020228580

Patents Granted

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2020231781	2020232318	2020233880	2020237590
2020237604	2020241413	2020242599	2020245709
2020247684	2020249771	2020252116	2020259881
2020265628	2020267664	2020276328	2020277322
2020279477	2020280079	2020288050	2020319963
2020322869	2020336771	2020336808	2020342223
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2022204558	2022204679	2022215244	2022218463
2022221538	2022224701	2022231725	2023201142

Innovation Patents

- 2019101847 2023100071

Revocation

It is hereby notified that the offer by the Patentee **Hansen Price Pty Ltd** to surrender Patent 2022100174 which was advertised in the Official Journal of 06.07.2023 has been accepted and the Patent has been re-voked in accordance with Section 137 of the Patents Act.

Assignments Registered

- 2005337549 Bayer CropScience Inc. The patent has been assigned to **Discovery Purchaser Corporation**
- 2007200596 Exelis Inc. The patent has been assigned to **Adaptas Acquisition CO**
- 2007201217 Exelis Inc. The patent has been assigned to **Adaptas Acquisition CO**
- 2007301397 Chiyoda Corporation The patent has been assigned to **Kellogg Brown & Root, LLC**
- 2007324329 Funnelback Pty Ltd The patent has been assigned to **Squiz Pty Ltd**
- 2008215153 Funnelback Pty Ltd The patent has been assigned to **Squiz Pty Ltd**
- 2011252753 TRiiiON Holdings Pty Ltd The patent has been assigned to **NewTRiii Energy Pty Ltd t/a TRiiiON**

Assignments Registered

- 2013245693 SweetWater Energy, Inc. The patent has been assigned to **Apalta Patents OÜ**
- 2013387206 Fraunhofer-Gesellschaft Zur Förderung Der Angewandten Forschung E.V. The patent has been assigned to **Purenum GmbH**
- 2014201559 Valvoline Licensing and Intellectual Property LLC The patent has been assigned to **VGP IPCO LLC**
- 2014271200 Polywaste Intellectual Property Pty Limited The patent has been assigned to **Plastech Recycling Proprietary Limited**
- 2014331796 Zisman, Lawrence The patent has been assigned to **Gilead Sciences, Inc.; Pulmokine, Inc.**
- 2015203054 TRiiiON Holdings Pty Ltd The patent has been assigned to **NewTRiii Energy Pty Ltd t/a TRiiiON**
- 2015253417 Orphomed, Inc. The patent has been assigned to **DI-MERx, Inc.**
- 2015253434 Orphomed, Inc. The patent has been assigned to **DI-MERx, Inc.**
- 2015360513 Sweetwater Energy, Inc. The patent has been assigned to **Apalta Patents OÜ**
- 2017343671 Smith, Lorne The patent has been assigned to **Cruiser Accessories, LLC**
- 2018101267 Gekko Systems Pty Ltd The patent has been assigned to **Gaia Enviro Pty Ltd**
- 2018101308 ALL PURPOSE PUMPS HOLDINGS PTY LTD The patent has been assigned to **AKS Industries Australia Pty Ltd**
- 2019204001 Valvoline Licensing and Intellectual Property LLC The patent has been assigned to **VGP IPCO LLC**
- 2020103040 Airdrill Hammers and Bits Pty Ltd The patent has been assigned to **EPIROC ROCK DRILLS AB**
- 2021103296 MTC Contractors Pty Ltd The patent has been assigned to **Hunter, Robert**
- 2021107003 Player, Ben The patent has been assigned to **The Leisure Collective International Pty Ltd**
- 2021107669 Austworld Commodities Pty Ltd The patent has been assigned to **Hitch & Go Pty Ltd**
- 2021269567 IdeaPond LLC The patent has been assigned to **Infinity X1 LLC**
- 2022100127 MTC Contractors Pty Ltd The patent has been assigned to **Hunter, Robert**

Mortgages Registered - Section 187, Reg. 19

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

- 2018360878 Qoria Holdings Pty Ltd (AshGrove Capital Management Ltd)

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Extensions granted

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

- 2014318025 **Peloton Therapeutics, Inc.**

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Extensions granted

The earliest first regulatory approval date provided by the patentee 22 Dec 2022

For the goods WELIREG belzutifan

Extension of Term of patent pursuant to Section 77 expires on 22 Dec 2037

2016205435 **Eli Lilly and Company**

The earliest first regulatory approval date provided by the patentee 23 Dec 2022

For the goods MOUNJARO tirzepatide

Extension of Term of patent pursuant to Section 77 expires on 23 Dec 2037

2020203056 **Bristol-Myers Squibb Company**

The earliest first regulatory approval date provided by the patentee 07 Oct 2022

For the goods OPDUALAG nivolumab and relatlimab

Extension of Term of patent pursuant to Section 77 expires on 07 Oct 2037

Corrigenda

In Vol 36 , No 20 , Page(s) 2759 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Institute of Materia Medica, China Academy of Chinese Medical Sciences, Application No. 2020374923, under INID (71) correct the applicant name to Institute of Materia Medica, Chinese Academy of Chinese Medical Sciences

Specifications Republished

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

- 2017226172 **Editas Medicine, Inc.**
 2018449796 **Huawei Technologies Co., Ltd.**
 2019291111 **UCB Biopharma SRL**
 2019367448 **Huawei Digital Power Technologies Co., Ltd.**
 2020320527 **Daikin Industries, Ltd.**
 2021397206 **SEATTLE CHILDREN'S HOSPITAL (DBA SEATTLE CHILDREN'S RESEARCH INSTITUTE)**
 2021398061 **BEIJING DONGFANG BIOTECH CO., LTD; BEIJING JINGYITAI XIANG TECHNOLOGY DEVELOPMENT CO. LTD.**
 2021401316 **KINIKSA PHARMACEUTICALS, LTD.**
 2021402100 **ORION CORPORATION**
 2021411563 **WU, B.; WU, B.; KUNMING RUISIDE TECHNOLOGY CO., LTD**
 2021412202 **GUANGZHOU TOWE BIOTECH CO., LTD.**
 2021416258 **CLARA FOODS CO.**
 2021416274 **IDP DISCOVERY PHARMA, S.L.**
 2022205595 **MARCH THERAPEUTICS, INC.; DXLAB INC.**
 2022210404 **INSTITUT GUSTAVE ROUSSY**
 2022214192 **SPARK THERAPEUTICS, INC.**
 2022218320 **ONCOONE RESEARCH & DEVELOPMENT GMBH**
 2022223977 **INHIBRX, INC.**
 2022233704 **UNIVERSITEIT GENT**
 2022344527 **INDEX PHARMACEUTICALS AB**
 2022393856 **GENEQUANTUM HEALTHCARE (SUZHOU) CO., LTD.**