



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

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Professional Standards Board

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Requests for Information under Section 194 (c)

Country Codes

Trade Mark and Designs Hearing Sessions

INID (Internationally agreed Numbers for the Identification of Data)

GUIDE TO THE USE OF THIS JOURNAL

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

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

(i) FILING -

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

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

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

(iii) ACCEPTANCE –

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

(iv) OPPOSITION –

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

(v) GRANTING –

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

(vi) CERTIFICATION

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

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

How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

How Australian Patent Documents are Numbered

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

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

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

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

See Examples:

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

<p>NOTE: When ordering any patent document from us, whether accepted or not, please quote the application/patent number preceded by the appropriate prefix.</p>
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Arrangement of Information in the Journal

For each of the categories

(i) Provisional Applications Filed, (ii)

Complete Applications Filed, (iii)

Applications Open to Public Inspection

(iv) Applications Accepted, and (v)

Innovation Patent Certified.

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

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

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

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

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

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

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

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

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

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

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

The following Numerical Indices are available:

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

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

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

The indices to use are

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

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

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

'INID' NUMBERS in use on Australian Patent Documents

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

(10) Document identification

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

(20) Document filing data

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

(30) Priority data

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

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

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

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

(44) Date of publication by printing or similar process of a document, on which grant, or certification has taken place on or before the said date.

(50) Technical Information

(51) International Patent Classification

(52) Domestic or national classification

(54) Title of invention

(56) List of prior art documents, if separate from descriptive text

(57) Abstract or claim

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

(60) Related by cognate(s).

(61) Related by addition(s).

(62) Related by division(s).

(70) Identification of parties concerned with the document

(71) Name(s) of applicant(s)

(72) Name(s) of inventor(s) if known to be such

(74) Name(s) of attorney(s) or agent(s)

(75) Name(s) of inventor(s) who is (are) also applicant(s)

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

(86) PCT Application Number

(87) PCT Publication Number

NOTE

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

AU-A = Pre-examination

AU-B = Post-examination

(2) The classification used is the International Patent Classification and is identified by the INID code (51). Further editions of the classification are identified as (51)₂, (51)₃, (51)₄ and (51)₅.

(3) INID code 74 provides for the name of the patent attorney, or firm of attorneys, prosecuting an application.

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

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

AUSTRALIAN OFFICIAL JOURNAL OF PATENTS 4 July 2024

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

ADB Safegate Sweden AB [2024] APO 24

Patent Application: 2022201028

Title: Control system at an airport

Patent Applicant: ADB Safegate Sweden AB

Delegate: Tim Gillett

Decision Date: 21 June 2024

Hearing Date: Written submissions filed on 3 April 2024

Catchwords: PATENTS – section 45 – examiner’s objection – inventive step – manner of manufacture – airport gate assignment and control system– estimated arrival time – flight plan – not a manner of manufacture – application refused

Representation: Patent attorney for the Applicant: Michael Buck IP

AUSTRALIAN OFFICIAL JOURNAL OF PATENTS 4 July 2024

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

Apple Inc. [2024] APO 25

Patent Application: 2019281965

Title: Implementation of biometric authentication

Patent Applicant: Apple Inc.

Delegate: Shreyas Kumar

Decision Date: 25 June 2024

Hearing Date: Written submissions filed on 07 July 2023

Catchwords: **PATENTS** – examiner’s objection – amendments filed – claims construction – inventive step – prior art cited earlier still highly relevant – amendments allowable – application referred back to examination section for further consideration

Representation: Patent attorney for the applicant: FPA Patent Attorneys Pty Ltd

Proceedings under the Patents Act 1990

Provisional Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 18 Jun 2024 .

(71) Agriculture Victoria Services Pty Limited; Horticulture Innovation Australia Limited (21) 2024901919 (22) 24.06.2024 (54) Entomopathogenic fungi	(71) Breville Pty Limited (21) 2024901915 (22) 24.06.2024 (54) Accessory for a kitchen appliance and a kitchen appliance using the same	(71) COURSES2CAREERS PTY LTD (21) 2024901894 (22) 21.06.2024 (54) Decentralised Art Gallery Systems and Methods
(71) Albin, R. (21) 2024901873 (22) 19.06.2024 (54) Conduit identifying device	BROWNFIELD, L. see HERRIDGE, R. (21) 2024901883	(71) Cyber Security Research Centre Limited (21) 2024901866 (22) 19.06.2024 (54) Continuous Authentication
(71) Andonakis, J. (21) 2024901875 (22) 19.06.2024 (54) AN ELECTROLYSIS APPARATUS AND SYSTEM	(71) Bucceri, A. (21) 2024901859 (22) 18.06.2024 (54) Multi Level ice making container	(71) Di Berardino, L. (21) 2024901935 (22) 25.06.2024 (54) Hydropower Energy Generation Turbine for Building Drainage Systems
(71) Archer Materials Limited (21) 2024901889 (22) 21.06.2024 (54) Graphene Field Effect Transistors and Methods for their Production	(71) Bull, D. (21) 2024901872 (22) 19.06.2024 (54) Drone Drip Torch	(71) Digitasium (21) 2024901926 (22) 25.06.2024 (54) Device for obstacle and object detection for the vision impaired
(71) Auret, D. (21) 2024901909 (22) 23.06.2024 (54) Steam System and methods	(71) Carden, B. (21) 2024901888 (22) 21.06.2024 (54) Adaptive Modular Light Therapy Insert with External Control for Pressure Cuff Systems	(71) Everflo Australia Pty Ltd (21) 2024901903 (22) 21.06.2024 (54) CRYOGENIC DEHYDRATOR FOR A SLURRY
(71) Baynham, N. (21) 2024901878 (22) 20.06.2024 (54) Underwear gusset	(71) Chase Building Supplies Pty Ltd (21) 2024901877 (22) 19.06.2024 (54) A Building Cavity Closer	(71) Formo Bio GmbH (21) 2024901923 (22) 24.06.2024 (54) POLYPHOSPHATE ACMs
(71) Biotron Limited (21) 2024901920 (22) 24.06.2024 (54) ANTI-VIRAL COMPOUNDS	(71) coles, g. (21) 2024901907 (22) 23.06.2024 (54) Battery powered hand blower attachment to broadcast various media	(71) Gallaway Innovations Pty Ltd (21) 2024901922 (22) 24.06.2024 (54) Level
(71) Biotron Limited (21) 2024901921 (22) 24.06.2024 (54) ANTI-VIRAL COMPOUNDS	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2024901860 (22) 18.06.2024 (54) Asymmetric RNA Molecules	(71) Gilson, S. (21) 2024901912 (22) 24.06.2024 (54) Fall Assist Device
(71) BRC Piling & Foundations Pty Ltd (21) 2024901898 (22) 21.06.2024 (54) Method and apparatus for concrete removal	(71) Corvus Technology Solutions Pty Ltd (21) 2024901893 (22) 21.06.2024 (54) Launcher and launch system and method	(71) Hamal, M. (21) 2024901913 (22) 24.06.2024 (54) Gripping Apparatus

Provisional Applications Filed - Name Index cont'd

(71) Hari Babu, S.
(21) 2024901925 (22) 25.06.2024
(54) PICKLEBALL TRAINING AND PRACTICE AID

(71) HERRIDGE, R.; BROWNFIELD, L.; MACKNIGHT, R.
(21) 2024901883 (22) 20.06.2024
(54) METHODS AND COMPOSITIONS FOR PRODUCING INBRED LINES AND F1 HYBRIDS FROM SELF-INCOMPATIBLE SPECIES

Horticulture Innovation Australia Limited
see Agriculture Victoria Services Pty Limited
(21) 2024901919

(71) Illinois Tool Works Inc.
(21) 2024901861 (22) 18.06.2024
(54) Anchor

(71) Imtrade Australia Pty Ltd
(21) 2024901901 (22) 21.06.2024
(54) Pesticide formulation comprising pinoxaden and means to monitor the stability thereof

(71) Innovation Corp Pty Limited
(21) 2024901867 (22) 19.06.2024
(54) SUPPORT HEAD FOR USE IN HELICAL FLIGHT FORMING APPARATUS

(71) Innovation Corp Pty Limited
(21) 2024901868 (22) 19.06.2024
(54) BLANK HOLDER FOR USE IN HELICAL FLIGHT FORMING APPARATUS

(71) Innovation Corp Pty Limited
(21) 2024901869 (22) 19.06.2024
(54) IMPROVED SUPPORT HEAD AND BLANK HOLDER FOR USE IN HELICAL FLIGHT FORMING APPARATUS

(71) Innovation Corp Pty Limited
(21) 2024901870 (22) 19.06.2024
(54) HELICAL FLIGHT FORMATION HOLDER PROFILE

(71) Innovation Corp Pty Limited
(21) 2024901871 (22) 19.06.2024
(54) BLANK HOLDER PROFILE FOR FLIGHT FORMING APPARATUS

(71) Ironman 4 x 4 Pty Ltd
(21) 2024901916 (22) 24.06.2024
(54) Vehicle canopy

(71) Kalsi, S.; Lumsden, G.; Storey, J.
(21) 2024901882 (22) 20.06.2024
(54) HOMOPOLAR ELECTRIC MACHINE

(71) Lava Blue Ltd
(21) 2024901876 (22) 19.06.2024
(54) A METHOD OF FORMING ALUMINA FROM SULPHATE MATRICES

(71) Little, G.
(21) 2024901910 (22) 24.06.2024
(54) A Therapy Apparatus and Method of Use

Lumsden, G. see Kalsi, S.
(21) 2024901882

MACKNIGHT, R. see HERRIDGE, R.
(21) 2024901883

(71) Macquarie University
(21) 2024901895 (22) 21.06.2024
(54) Novel cell culture model

(71) Matthews, N.
(21) 2024901914 (22) 21.06.2024
(54) Auto Mobiles

McGregor, J. see Wait, A.
(21) 2024901879

(71) McPhee, J.
(21) 2024901928 (22) 25.06.2024
(54) INTERACTION ENTERTAINMENT SPORTS EVENTS

(71) Morrison, M.
(21) 2024901906 (22) 22.06.2024
(54) Fire-Resistant and Ballistic-Resistant Cement and Plaster Composition with Metal Composite Additive Abstract:

Neal, G. see Wait, A.
(21) 2024901879

(71) Netgate
(21) 2024901864 (22) 19.06.2024
(54) Digital Scoring and Management System for Clay Target Competitions

(71) NewSouth Innovations Pty Limited
(21) 2024901896 (22) 21.06.2024
(54) A method of patterning materials

(71) NewSouth Innovations Pty Limited
(21) 2024901900 (22) 21.06.2024
(54) Method of producing a patterned material on a film

(71) Ng, A.
(21) 2024901892 (22) 21.06.2024
(54) DOSING APPARATUS

(71) Offset Australia Pty Ltd
(21) 2024901897 (22) 21.06.2024
(54) Panel assembly

(71) Physical Goods Pty Ltd
(21) 2024901885 (22) 20.06.2024
(54) SPORTS APPARATUS

(71) Player, B.
(21) 2024901884 (22) 20.06.2024
(54) Polymer Composite Foam Article & Associated Method

(71) Player, B.
(21) 2024901917 (22) 24.06.2024
(54) Novel Polymer Composite Foam Article & Associated Method

Presti, P. see Syndicate Hub
(21) 2024901791

(71) Proteomics International (IP) Pty Ltd
(21) 2024901874 (22) 19.06.2024
(54) Biomarkers for endometriosis

(71) Ribber, M.
(21) 2024901924 (22) 25.06.2024
(54) AN INTERCONNECTABLE SYSTEM OF LIGHT GAUGE STEEL FRAME PARTS

(71) Rooney Surveys
(21) 2024901905 (22) 22.06.2024
(54) Pole Mount

(71) Sanders, S.D.
(21) 2024901881 (22) 20.06.2024
(54) EMERGENCY BRAKING APPARATUS

(71) Scholz, S.
(21) 2024901908 (22) 23.06.2024
(54) Pool skimmer and method of its use

(71) Scolaro, A.
(21) 2024901887 (22) 20.06.2024
(54) A Power Drive

(71) SIERRA CARBON SOLUTIONS PTY. LTD.
(21) 2024901863 (22) 18.06.2024
(54) Universal flame controller

Provisional Applications Filed - Name Index cont'd

(71) Signage Systems Limited; Stanners, R.
(21) 2024901911 (22) 24.06.2024
(54) SIGN AND METHOD OF ASSEMBLY

(71) SITECRAFT PTY LTD.
(21) 2024901891 (22) 21.06.2024
(54) IMPROVED PIVOTING TROLLEY

Smith, R. see Wait, A.
(21) 2024901879

Smith, N. see Wait, A.
(21) 2024901879

(71) SOUTHERN INNOVATION INTERNATIONAL PTY LTD
(21) 2024901902 (22) 21.06.2024
(54) Measurement of input count rate and material characterisation

Stanners, R. see Signage Systems Limited
(21) 2024901911

Storey, J. see Kalsi, S.
(21) 2024901882

(71) Syndicate Hub; Presti, P.
(21) 2024901791 (22) 20.06.2024
(54) Syndication App for syndicate managers of horses a management structure to make it easier to navigate bills and surplus winnings

(71) TACTICAGEAR PTY LTD
(21) 2024901890 (22) 21.06.2024
(54) Apparatus and Method for Holding a Canister relative to an Air Powered Gun

(71) Tauhara Enterprises Limited
(21) 2024901865 (22) 19.06.2024
(54) SEISMO-ELECTRIC DETECTOR

(71) The University of Newcastle
(21) 2024901918 (22) 24.06.2024
(54) Method of recovering high-density particles

(71) Thompson, D.
(21) 2024901880 (22) 20.06.2024
(54) Multipurpose Shoe Covering from Recycled Materials

(71) Thompson, M.
(21) 2024901904 (22) 22.06.2024
(54) Creating Composite Metal Foams using Graphitized Microballoons

(71) UniQuest Pty Ltd
(21) 2024901899 (22) 21.06.2024
(54) Transient receptor potential Vanilloid 6 inhibitors

(71) Wait, A.; Neal, G.; McGregor, J.; Smith, R.; Smith, N.
(21) 2024901879 (22) 20.06.2024
(54) MOBILE ABATTOIR APPARATUS, AND COMPONENTS, SYSTEMS, AND METHODS THEREFOR

(71) WIREMAN PTY LIMITED
(21) 2024901927 (22) 25.06.2024
(54) A Wire Gripper with Improved Wire Grabber

Y4PS Biotechnology Pty Ltd see Y4PS Biotechnology Pty Ltd
(21) 2024901886

Y4PS Biotechnology Pty Ltd see Y4PS Biotechnology Pty Ltd
(21) 2024901886

(71) Y4PS Biotechnology Pty Ltd; Y4PS Biotechnology Pty Ltd; Y4PS Biotechnology Pty Ltd
(21) 2024901886 (22) 20.06.2024
(54) Support

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2024901866	Cyber Security Research Centre Limited		
2024901867	Innovation Corp Pty Limited		
2024901868	Innovation Corp Pty Limited		
2024901869	Innovation Corp Pty Limited		
2024901870	Innovation Corp Pty Limited		
2024901871	Innovation Corp Pty Limited		
2024901872	Bull, D.		
2024901873	Albin, R.		
2024901874	Proteomics International (IP) Pty Ltd		
2024901875	Andonakis, J.		
2024901876	Lava Blue Ltd		
2024901877	Chase Building Supplies Pty Ltd		
2024901878	Baynham, N.		
2024901879	Wait, A.; Neal, G.; McGregor, J.; Smith, R.; Smith, N.		
2024901880	Thompson, D.		
2024901881	Sanders, S.D.		
2024901882	Kalsi, S.; Lumsden, G.; Storey, J.		
2024901883	HERRIDGE, R.; BROWNFIELD, L.; MACKNIGHT, R.		
2024901884	Player, B.		
2024901885	Physical Goods Pty Ltd		
2024901886	Y4PS Biotechnology Pty Ltd; Y4PS Biotechnology Pty Ltd; Y4PS Biotechnology Pty Ltd		
2024901887	Scolaro, A.		
2024901888	Carden, B.		
2024901889	Archer Materials Limited		
2024901890	TACTICAGEAR PTY LTD		
2024901891	SITECRAFT PTY LTD.		
2024901892	Ng, A.		
2024901893	Corvus Technology Solutions Pty Ltd		
2024901894	COURSES2CAREERS PTY LTD		
2024901895	Macquarie University		
2024901896	NewSouth Innovations Pty Limited		
2024901897	Offset Australia Pty Ltd		
2024901898	BRC Piling & Foundations Pty Ltd		
2024901899	UniQuest Pty Ltd		
2024901900	NewSouth Innovations Pty Limited		
2024901901	Imtrade Australia Pty Ltd		
2024901902	SOUTHERN INNOVATION INTERNATIONAL PTY LTD		
2024901903	Everflo Australia Pty Ltd		
2024901904	Thompson, M.		
2024901905	Rooney Surveys		
2024901906	Morrison, M.		
2024901907	coles, g.		
2024901908	Scholz, S.		
2024901909	Auret, D.		
2024901910	Little, G.		
2024901911	Signage Systems Limited; Stanners, R.		
2024901912	Gilson, S.		
2024901913	Hamal, M.		
2024901914	Matthews, N.		
2024901915	Breville Pty Limited		
2024901916	Ironman 4 x 4 Pty Ltd		
2024901917	Player, B.		
2024901918	The University of Newcastle		
2024901919	Agriculture Victoria Services Pty Limited; Horticulture Innovation Australia Limited		
2024901920	Biotron Limited		
2024901921	Biotron Limited		
2024901922	Gallaway Innovations Pty Ltd		
2024901923	Formo Bio GmbH		

Complete Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 18 Jun 2024 .

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

<hr/> <p>(71) Abbott Diabetes Care Inc. (21) 2024204183 (22) 19.06.2024 (54) Sensor array systems and methods for detecting multiple analytes</p> <hr/> <p>(71) Abiomed Europe GmbH (21) 2024204311 (22) 24.06.2024 (54) Cannula for intravascular blood pump</p> <hr/> <p>(71) Aché Laboratórios Farmacêuticos S.A (21) 2024204318 (22) 24.06.2024 (54) Treatment of Post-Traumatic Syndrome Disorder</p> <hr/> <p>(71) ACT Therapeutics Inc. (21) 2024204219 (22) 20.06.2024 (54) Chimeric Antigen Receptor For Solid Cancer And T Cells Expressing Chimeric Antigen Receptor</p> <hr/> <p>(71) Adobe Inc. (21) 2024204160 (22) 19.06.2024 (54) GENERATING TILE-ABLE IMAGES UTILIZING A DIFFERENTIABLE MESH GENERATION AND RENDERING PIPELINE</p> <hr/> <p>(71) Aim Energy Holdings Pty Ltd (21) 2024204215 (22) 20.06.2024 (54) A GAS SEPARATOR APPARATUS</p> <hr/> <p>(71) Alcon Inc. (21) 2024204226 (22) 20.06.2024 (54) Weekly and monthly disposable water gradient contact lenses</p> <hr/> <p>Ambrecht, A. see Halstead, J. (21) 2024204298</p> <hr/> <p>(71) Amgen Inc. (21) 2024204313 (22) 24.06.2024 (54) Process For Manipulating The Level Of Glycan Content Of A Glycoprotein</p> <hr/> <p>(71) Angel Group Co., Ltd. (21) 2024204154 (22) 18.06.2024 (54) TABLE GAME SYSTEM</p> <hr/>	<p>(71) Angel Group Co., Ltd. (21) 2024204329 (22) 25.06.2024 (54) Game token management system</p> <hr/> <p>(71) Angel Group Co., Ltd. (21) 2024204332 (22) 25.06.2024 (54) Game token management system</p> <hr/> <p>(71) Apple Inc. (21) 2024204249 (22) 21.06.2024 (54) Context-specific user interfaces</p> <hr/> <p>(71) Applied Medical Resources Corporation (21) 2024204239 (22) 20.06.2024 (54) Hysterectomy model</p> <hr/> <p>(71) Applied Medical Resources Corporation (21) 2024204287 (22) 22.06.2024 (54) Surgical stapler having a powered handle</p> <hr/> <p>(71) Arcellx, Inc. (21) 2024204188 (22) 19.06.2024 (54) Multifunctional immune cell therapies</p> <hr/> <p>(71) Aristocrat Technologies, Inc. (21) 2024204299 (22) 24.06.2024 (54) REVERSE DRIVE PROTECTION ASSEMBLY FOR A GAMING MACHINE HANDLE</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2024204271 (22) 21.06.2024 (54) A METHOD OF GAMING, A GAME CONTROLLER AND A GAMING SYSTEM</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2024204289 (22) 23.06.2024 (54) GAMING SYSTEM AND METHOD OF GAMING</p> <hr/> <p>(71) Assa Abloy AB (21) 2024204187 (22) 19.06.2024 (54) Upper layer device architecture for ultra-wide band enabled device</p> <hr/> <p>Bayer HealthCare LLC see Regeneron Pharmaceuticals, Inc.</p>	<p>(21) 2024204244</p> <hr/> <p>(71) Berlin Cures GmbH (21) 2024204344 (22) 25.06.2024 (54) Aptamers for use in the treatment of Coronaviridae infections</p> <hr/> <p>(71) Biogen MA Inc. (21) 2024204241 (22) 20.06.2024 (54) Benzoazepine analogs as inhibiting agents for Bruton's tyrosine kinase</p> <hr/> <p>Board of Regents, The University of Texas System see City of Hope (21) 2024204218</p> <hr/> <p>(71) Boston Scientific Scimed, Inc. (21) 2024204221 (22) 20.06.2024 (54) Fluid management system with integrated laser fiber cooling</p> <hr/> <p>(71) Boston Scientific Scimed, Inc. (21) 2024204320 (22) 24.06.2024 (54) Devices and methods for tissue ligation</p> <hr/> <p>(71) Canva Pty Ltd (21) 2024204338 (22) 25.06.2024 (54) Systems and methods for automatically generating designs</p> <hr/> <p>(71) Cardionomic, Inc. (21) 2024204281 (22) 21.06.2024 (54) Cardiac contractility neurostimulation systems and methods</p> <hr/> <p>(71) Caterpillar Inc. (21) 2024204192 (22) 19.06.2024 (54) Locking feature for a filter</p> <hr/> <p>(71) Caterpillar Inc. (21) 2024204351 (22) 25.06.2024 (54) Heavy duty shroud</p> <hr/> <p>(71) Caterpillar Inc. (21) 2024204352 (22) 25.06.2024 (54) Heavy duty shroud</p> <hr/> <p>(71) Chase Therapeutics Corporation (21) 2024204167 (22) 19.06.2024</p>
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Complete Applications Filed - Name Index cont'd

(54) COMPOSITIONS AND METHODS FOR TREATING SYNNUCLEINOPATHIES

(71) Chase Therapeutics Corporation
(21) 2024204179 (22) 19.06.2024
(54) COMPOSITIONS AND METHOD FOR TREATING DEPRESSION

(71) ChemoCentryx, Inc.
(21) 2024204212 (22) 20.06.2024
(54) Combination therapy using a Chemokine Receptor 2 (CCR2) antagonist and a PD-1/PD-L1 inhibitor

(71) City of Hope; Board of Regents, The University of Texas System
(21) 2024204218 (22) 20.06.2024
(54) BAFF-R TARGETED CHIMERIC ANTIGEN RECEPTOR-MODIFIED T-CELLS AND USES THEREOF

(71) CJ CHEILJEDANG CORPORATION
(21) 2024204305 (22) 24.06.2024
(54) Composition containing polyphenol

(71) Climate LLC
(21) 2024204214 (22) 20.06.2024
(54) Digital modeling and tracking of agricultural fields for implementing agricultural field trials

(71) Commonwealth Scientific and Industrial Research Organisation
(21) 2024204180 (22) 19.06.2024
(54) Methods

(71) Commonwealth Scientific and Industrial Research Organisation
(21) 2024204217 (22) 20.06.2024
(54) PROCESS AND SYSTEM FOR CAPTURE OF CARBON DIOXIDE

(71) Covenant Eyes, Inc.
(21) 2024204230 (22) 20.06.2024
(54) Tunneled monitoring service and methods

(71) CSR Building Products Limited
(21) 2024204259 (22) 21.06.2024
(54) MODULAR BUILDING STRUCTURES, METHODS AND SYSTEMS

(71) Daintree Property Holdings Pty Ltd
(21) 2024204322 (22) 24.06.2024
(54) Flat-pack kit for constructing a building structure and associated method of manufacture

Dana-Farber Cancer Institute, Inc. see The General Hospital Corporation
(21) 2024204248

(71) Deciphera Pharmaceuticals, LLC
(21) 2024204210 (22) 20.06.2024
(54) Aminopyrimidine amide autophagy inhibitors and methods of use thereof

(71) Deere & Company
(21) 2024204216 (22) 20.06.2024
(54) Arrangement for guiding an agricultural vehicle across a field with sensor fusion and corresponding method

(71) Deere & Company
(21) 2024204254 (22) 21.06.2024
(54) Picker header lubrication system and method thereof

(71) Dexcom, Inc.
(21) 2024204270 (22) 21.06.2024
(54) Advanced calibration for analyte sensors

(71) Dibiasse, J.; Rite-Hite Holding Corporation
(21) 2024204237 (22) 20.06.2024
(54) Maneuverable Ergonomic Trailer Stands

(71) DM Orthotics Limited
(21) 2024204202 (22) 20.06.2024
(54) ORTHOTIC SHOULDER SUPPORT

(71) Dragonfly Therapeutics, Inc.
(21) 2024204260 (22) 21.06.2024
(54) Multispecific binding proteins targeting CAIX, ANO1, mesothelin, TROP2, CEA, or claudin-18.2

(71) Duracell U.S. Operations, Inc.; National Technology & Engineering Solutions of Sandia, LLC
(21) 2024204334 (22) 25.06.2024
(54) BATTERY CELL WITH SAFETY LAYERS

(71) Eddy Current Limited Partnership
(21) 2024204245 (22) 21.06.2024
(54) Eddy Current Brake Configurations

(71) Erasmus University Medical Center Rotterdam
(21) 2024204316 (22) 24.06.2024
(54) Reagents, methods and kits for diagnosing primary immunodeficiencies

(71) Evolva SA
(21) 2024204171 (22) 19.06.2024

(54) Recombinant production of steviol glycosides

(71) EVOLVE MEDICUS, INC.
(21) 2024204268 (22) 21.06.2024
(54) INTEGRATED CATHETER ASSEMBLY

(71) Ewald Dörken AG
(21) 2024204189 (22) 19.06.2024
(54) Aqueous stabilizer composition and its use

(71) F. Hoffmann-La Roche AG
(21) 2024204243 (22) 21.06.2024
(54) Multispecific antibodies

(71) Fisher & Paykel Healthcare Limited
(21) 2024204292 (22) 24.06.2024
(54) HUMIDIFICATION SYSTEM

(71) Flat Planet Limited
(21) 2024204285 (22) 21.06.2024
(54) FLOWER CARTRIDGE FOR HERB DELIVERY

(71) Gambro Lundia AB
(21) 2024204207 (22) 20.06.2024
(54) Apparatus for extracorporeal blood treatment

(71) Geomni, Inc.
(21) 2024204170 (22) 19.06.2024
(54) Computer vision systems and methods for geospatial property feature detection and extraction from digital images

(71) GW Research Limited
(21) 2024204208 (22) 20.06.2024
(54) Use of cannabinoids in the treatment of epilepsy

(71) Hagen, T.; Raison, LLC
(21) 2024204258 (22) 21.06.2024
(54) MICROBIAL INOCULANT COMPOSITIONS AND METHODS

(71) Halstead, J.; Weibye, M.; True Essence Foods Inc.; Ambrecht, A.; Rubin, M.
(21) 2024204298 (22) 24.06.2024
(54) Methods and apparatus for processing chocolate

(71) Hangzhou Dazhong boao Technology Co., Ltd.
(21) 2024204282 (22) 21.06.2024
(54) CABLE-FREE POWERED STEREO GARAGE BASED ON MULTI ROW PARKING SPACES

Complete Applications Filed - Name Index cont'd

Hanna, D.M. see Hanna, M.H.
(21) 2024204276

(71) Hanna, M.H.; Hanna, D.M.
(21) 2024204276 (22) 21.06.2024
(54) Distributed-battery aerial vehicle and a powering method therefor

(71) HedoniaUSA, Inc.
(21) 2024204290 (22) 23.06.2024
(54) COMPOSITIONS AND METHODS FOR TREATING DEPRESSION

(71) HELAINA, INC.
(21) 2024204195 (22) 19.06.2024
(54) METHODS AND COMPOSITIONS FOR PROTEIN SYNTHESIS AND SECRETION

(71) HEM Pharma Inc.
(21) 2024204201 (22) 20.06.2024
(54) METHOD AND DEVICE FOR PROVIDING CUSTOMIZED SOLUTION FOR IMPROVING INTESTINAL ENVIRONMENT

(71) Hoselink Pty Ltd
(21) 2024204253 (22) 21.06.2024
(54) HOSE CONNECTION ADAPTOR

(71) IGT
(21) 2024204176 (22) 19.06.2024
(54) SYSTEM AND METHOD FOR COORDINATING TRANSACTIONS INVOLVING CASHLESS WAGERING ACCOUNTS AND GAMING ESTABLISHMENT RETAIL ACCOUNTS

(71) IGT
(21) 2024204177 (22) 19.06.2024
(54) SYSTEM AND METHOD FOR TRACKING FUND TRANSFERS BETWEEN AN ELECTRONIC GAMING MACHINE AND A PLURALITY OF FUNDING SOURCES

(71) IGT
(21) 2024204178 (22) 19.06.2024
(54) SYSTEM AND METHOD FOR INVOKING COMMANDS UTILIZING A MOBILE DEVICE AND A GAMING ESTABLISHMENT DEVICE

(71) Immutep S.A.S.
(21) 2024204196 (22) 19.06.2024
(54) COMBINED PREPARATIONS FOR THE TREATMENT OF CANCER OR INFECTION

(71) Immutrix Therapeutics, Inc.
(21) 2024204227 (22) 20.06.2024

(54) Novel carbon foams and methods of making and using same

(71) Imtrade Australia Pty Ltd
(21) 2024204327 (22) 25.06.2024
(54) Pesticide formulation comprising acetamiprid and means to monitor the stability thereof

(71) Incyte Holdings Corporation
(21) 2024204283 (22) 21.06.2024
(54) HETEROARYL SUBSTITUTED PYRROLO[2,3-B]PYRIDINES AND PYRROLO[2,3-B]PYRIMIDINES AS JANUS KINASE INHIBITORS

(71) INFINEUM INTERNATIONAL LIMITED
(21) 2024204203 (22) 20.06.2024
(54) Catalytic anodes and processes for use in electro-chlorination

(71) INFINEUM INTERNATIONAL LIMITED
(21) 2024204206 (22) 20.06.2024
(54) Catalytic anodes and processes for use in electro-chlorination

(71) INFINEUM INTERNATIONAL LIMITED
(21) 2024204211 (22) 20.06.2024
(54) Catalytic anodes and processes for use in electro-chlorination

(71) Infusion Innovations Pty Ltd
(21) 2024204228 (22) 20.06.2024
(54) Assemblies, Systems and Methods for Programming Medical Devices

(71) Ingram Micro Inc.
(21) 2024204340 (22) 25.06.2024
(54) SYSTEMS AND METHODS FOR DISTRIBUTION MANAGEMENT INCLUDING SINGLE PANE OF GLASS USER INTERFACE

Inpex Corporation see Toshiba Energy Systems & Solutions Corporation
(21) 2024204337

(71) Interacoustics A/S
(21) 2024204343 (22) 25.06.2024
(54) KEYBOARD

(71) International Business Machines Corporation
(21) 2024204321 (22) 24.06.2024
(54) Radio-frequency (RF) to direct current (DC) converter and bipolar quantized supercurrent generator (QSG)

(71) Iovance Biotherapeutics, Inc.
(21) 2024204323 (22) 24.06.2024

(54) Engineered artificial antigen presenting cells for tumor infiltrating lymphocyte expansion

(71) Itron, Inc.
(21) 2024204172 (22) 19.06.2024
(54) Methods and apparatus of determining bypass of electrical meter

(71) J. D. Theile GmbH & Co. KG
(21) 2024204222 (22) 20.06.2024
(54) CHAIN LOCK FOR A LINK CHAIN AND FASTENING BOLT FOR SUCH CHAIN LOCK

(71) Janssen Pharmaceutica NV
(21) 2024204213 (22) 20.06.2024
(54) Dosing regimens associated with extended release paliperidone injectable formulations

JAPAN AVIATION ELECTRONICS INDUSTRY, LIMITED see TOKYO INSTITUTE OF TECHNOLOGY
(21) 2024204293

(71) Johnson & Johnson Consumer Inc.
(21) 2024204312 (22) 24.06.2024
(54) Oral care composition

(71) Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation
(21) 2024204330 (22) 25.06.2024
(54) CO2 gas removal device and CO2 gas absorbent purification device used therein

(71) KABUSHIKI KAISHA TOYOTA JIDOSHOKKI
(21) 2024204296 (22) 24.06.2024
(54) Obstacle detection device and obstacle detection method

(71) Keros Therapeutics, Inc.
(21) 2024204342 (22) 25.06.2024
(54) Activin receptor type IIB variants and methods of use thereof

(71) Kieran McShane
(21) 2024204223 (22) 20.06.2024
(54) Exercise blocks

Kosnic Lighting Limited see Suzhou Cyantronic Technology Co. Ltd.
(21) 2024204335

(71) Kraftanlagen Energies & Services SE
(21) 2024204294 (22) 24.06.2024

Complete Applications Filed - Name Index cont'd

(54) HEATING DEVICE, HEATING SYSTEM, HEAT STORAGE DEVICE AND HEAT STORAGE SYSTEM

(71) Kraftanlagen Energies & Services SE
(21) 2024204295 (22) 24.06.2024

(54) HEATING DEVICE, HEATING SYSTEM, HEAT STORAGE DEVICE AND HEAT STORAGE SYSTEM

(71) L'Air Liquide, Société Anonyme pour l'Etude et l'Exploitation des Procédés Georges Claude
(21) 2024204158 (22) 19.06.2024

(54) INSTALLATION FOR THE PRODUCTION OF A CRYOGENIC FLUID

(71) LG Electronics Inc.
(21) 2024204169 (22) 19.06.2024
(54) Dishwasher

(71) LG Electronics Inc.
(21) 2024204278 (22) 21.06.2024
(54) METHOD AND APPARATUS FOR SIGNALING IMAGE INFORMATION

(71) LG Electronics Inc.
(21) 2024204300 (22) 24.06.2024
(54) METHOD AND DEVICE FOR PROCESSING IMAGE INFORMATION FOR IMAGE/VIDEO CODING

(71) LG Electronics Inc.
(21) 2024204315 (22) 24.06.2024
(54) IMAGE CODING APPARATUS AND METHOD BASED ON SIGNALING OF INFORMATION FOR FILTERING

(71) LG Electronics Inc.
(21) 2024204346 (22) 25.06.2024
(54) Method and device for performing image decoding on basis of intra prediction in image coding system

(71) LG ELECTRONICS INC.
(21) 2024204256 (22) 21.06.2024
(54) Lighting module and refrigerator having dispenser

(71) Manitou Italia S.r.l.
(21) 2024204273 (22) 21.06.2024
(54) Method for controlling the rotation speed of a motor

(71) MannKind Corporation
(21) 2024204262 (22) 21.06.2024
(54) A DRY POWDER INHALER AND SYSTEM FOR DRUG DELIVERY

(71) Marquette University
(21) 2024204353 (22) 25.06.2024

(54) MEDICAL AND DENTAL INTEGRATED MULTIPHASIC BIOMATERIALS FOR SINGLE OR MULTI-TISSUE RECONSTRUCTION/REGENERATION

(71) Maytronics Ltd.
(21) 2024204333 (22) 25.06.2024
(54) Filtering unit

(71) Melcare Medical Pty Ltd
(21) 2024204272 (22) 21.06.2024
(54) Compositions and Methods of Use

(71) Mettler Packaging Pty. Ltd.
(21) 2024204251 (22) 21.06.2024
(54) Plastic carrier bag

(71) Minnetronix Neuro, Inc.
(21) 2024204345 (22) 25.06.2024
(54) Systems for treating along the central nervous system

(71) Mitsubishi Heavy Industries, Ltd.
(21) 2024204194 (22) 19.06.2024
(54) Aircraft position control system, aircraft, and aircraft position control method

(71) Mitsui Chemicals Agro, Inc.
(21) 2024204182 (22) 19.06.2024
(54) PROLONGED ECTOPARASITE-CONTROLLING AGENT FOR ANIMAL

(71) Mountain Top (Denmark) ApS
(21) 2024204304 (22) 24.06.2024
(54) Slat connecting system for a roll-up truck bed cover

(71) MVA Diagnostics, Inc.
(21) 2024204200 (22) 20.06.2024
(54) Method and system for acquiring, tracking, and testing asset sample data

(71) MX Technologies, Inc.
(21) 2024204157 (22) 18.06.2024
(54) RISK ASSESSMENT BASED DATA ACCESS

National Technology & Engineering Solutions of Sandia, LLC see Duracell U.S. Operations, Inc.
(21) 2024204334

(71) O'Keeffe, P.
(21) 2024204291 (22) 23.06.2024
(54) Dual chamber syringe for staged injections

(71) Obeid, M.
(21) 2024204286 (22) 22.06.2024
(54) My invention falls under the umbrella of a mechanical device that contributes to warfare solutions.

(71) Oliver, J.
(21) 2024204229 (22) 19.06.2024
(54) Hydro Power Generator

(71) OLYMPUS Winter & Ibe GmbH
(21) 2024204236 (22) 20.06.2024
(54) Cabinet and method for drying surgical instruments

PGI Drug Discovery LLC. see Sunovion Pharmaceuticals Inc.
(21) 2024204310

(71) Phenogy AG
(21) 2024204224 (22) 20.06.2024
(54) BATTERY

(71) Phoenix Spine Holdings, Inc.
(21) 2024204231 (22) 20.06.2024
(54) Methods and apparatus for facilitating direct visualized rhizotomy

(71) Polaris Industries Inc.
(21) 2024204168 (22) 19.06.2024
(54) Brake booster assembly

(71) Poly Gain Pte Ltd
(21) 2024204161 (22) 19.06.2024
(54) Use of sugar cane extracts in the treatment or prevention of microbial infections and dysbiosis

(71) Praeventix, LLC; Temple University-of The Commonwealth System of Higher Education
(21) 2024204240 (22) 20.06.2024
(54) Novel modulators of the 5-hydroxytryptamine receptor 7 and their method of use

(71) Prelude Therapeutics, Incorporated
(21) 2024204264 (22) 21.06.2024
(54) Selective inhibitors of protein arginine methyltransferase 5 (PRMT5)

(71) Pro9 Global Pty Ltd
(21) 2024204198 (22) 19.06.2024
(54) A load bearing module and method for constructing an insulated structure

(71) Process Plants International Pty Ltd
(21) 2024204238 (22) 20.06.2024
(54) Sparge for a High-Pressure Vessel

Complete Applications Filed - Name Index cont'd

(71) Prologium Holding Inc.; Prologium Technology Co., Ltd.
 (21) 2024204162 (22) 19.06.2024
 (54) Thermal Runaway Suppression Element and Related Applications

Prologium Technology Co., Ltd. see Prologium Holding Inc.
 (21) 2024204162

(71) Prowse Holdings Pty Ltd
 (21) 2024204181 (22) 19.06.2024
 (54) Wheel Component Handling Device

(71) Purus Power Corporation
 (21) 2024204232 (22) 20.06.2024
 (54) Vehicular wind turbine system for power generation and drag reduction

(71) PyroGenesis Canada Inc.
 (21) 2024204275 (22) 21.06.2024
 (54) METHOD AND APPARATUS FOR PRODUCING FINE SPHERICAL POWDERS FROM COARSE AND ANGULAR POWDER FEED MATERIAL

(71) QEDMA Quantum Computing Ltd.
 (21) 2024204331 (22) 25.06.2024
 (54) Methods and systems for multi-type probabilistic quantum error mitigation

(71) RADEXEL INC.
 (21) 2024204339 (22) 25.06.2024
 (54) ELECTRON BEAM OUTPUT DEVICE FOR MEDICAL USE

Raison, LLC see Hagen, T.
 (21) 2024204258

(71) Raven Industries, Inc.
 (21) 2024204174 (22) 19.06.2024
 (54) Duct throttled sprayer nozzle assemblies and methods for same

(71) REA Innovations, Inc.
 (21) 2024204308 (22) 24.06.2024
 (54) Systems and methods for blending solid-shell cosmetic ingredient capsules and blendable cosmetic ingredient capsules

(71) Red Surcos Colombia LTDA.
 (21) 2024204199 (22) 19.06.2024
 (54) Herbicide formulation in the form of a microemulsion

(71) Regeneron Pharmaceuticals, Inc.
 (21) 2024204175 (22) 19.06.2024

(54) Anti-C5 antibodies and uses thereof

(71) Regeneron Pharmaceuticals, Inc.; Bayer HealthCare LLC
 (21) 2024204244 (22) 21.06.2024
 (54) Extended, High Dose VEGF Antagonist Regimens for Treatment of Angiogenic Eye Disorders

(71) ResMed Pty Ltd
 (21) 2024204185 (22) 19.06.2024
 (54) Patient Interface

(71) ResMed Pty Ltd
 (21) 2024204191 (22) 19.06.2024
 (54) CONDUIT HEADGEAR CONNECTOR FOR PATIENT INTERFACE

Rite-Hite Holding Corporation see Dibiasi, J.
 (21) 2024204237

Rubin, M. see Halstead, J.
 (21) 2024204298

(71) SAGEMCOM BROADBAND SAS
 (21) 2024204225 (22) 20.06.2024
 (54) METHOD FOR TRANSMITTING DATA IN A CELLULAR COMMUNICATION NETWORK

(71) SAPP Australia Pty Ltd (trading as SAPP International)
 (21) 2024204274 (22) 21.06.2024
 (54) RETAIL TOOL HOLDER

(71) Sarepta Therapeutics, Inc.
 (21) 2024204309 (22) 24.06.2024
 (54) Antisense oligomers and methods of using the same for treating diseases associated with the acid alpha-glucosidase gene

(71) Scholar Rock, Inc.
 (21) 2024204159 (22) 19.06.2024
 (54) Anti-pro/latent myostatin antibodies and methods of use thereof

(71) Shenzhen Shuye Technology Co., Ltd.
 (21) 2024204242 (22) 21.06.2024
 (54) ELECTRIC TOOTHBRUSH, AND MOTOR CONTROL METHOD, DEVICE, SYSTEM, CONTROL BOARD, AND MEDIUM FOR THE SAME

(71) Shenzhen Ulike Smart Electronics Co. Ltd
 (21) 2024204184 (22) 19.06.2024
 (54) Portable Hair Removal Device

(71) SHINE Technologies, LLC
 (21) 2024204247 (22) 21.06.2024
 (54) High power ion beam generator systems and methods

(71) Siemens Mobility, Inc.
 (21) 2024204190 (22) 19.06.2024
 (54) Crossing gate mechanism with programmable electronic switching devices

(71) Siemens Mobility Pty Ltd.
 (21) 2024204205 (22) 20.06.2024
 (54) Gripping auto-adjusting rail clamp

(71) Sino Iron Holdings Pty Ltd
 (21) 2024204234 (22) 20.06.2024
 (54) Mill Feed Cart

(71) SK Innovation Co., Ltd.
 (21) 2024204324 (22) 25.06.2024
 (54) APPARATUS FOR CONTROLLING AMMONIA FUEL CELL VEHICLE AND METHOD FOR CONTROLLING THE SAME

(71) Snap-on Incorporated
 (21) 2024204306 (22) 24.06.2024
 (54) Pivoting swivel illumination device

(71) Specialized Desanders Inc.
 (21) 2024204193 (22) 19.06.2024
 (54) PARTICULATE SENSING SYSTEM AND METHODS FOR DETECTING PARTICULATES IN A FLUID STREAM

(71) Stormwater360 Group Limited
 (21) 2024204347 (22) 25.06.2024
 (54) A STORM WATER DRAIN SYSTEM AND COMPONENTS THEREOF AND METHODS OF USE

(71) STRONG FORCE EE PORTFOLIO 2022, LLC
 (21) 2024204140 (22) 18.06.2024
 (54) AI-BASED ENERGY EDGE PLATFORM, SYSTEMS, AND METHODS

(71) Stryker Corporation
 (21) 2024204257 (22) 21.06.2024
 (54) Surgical instrument with telescoping nose mechanism

(71) Sungrow Power Supply Co., Ltd.
 (21) 2024204246 (22) 21.06.2024
 (54) Operation control method and device for battery cluster, and related apparatus

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(71) Sunovion Pharmaceuticals Inc.; PGI Drug Discovery LLC.

(21) 2024204310 (22) 24.06.2024

(54) FUSED DIHYDRO-4H-PYRAZOLO[5,1-C][1,4]OXAZINYL COMPOUNDS AND ANALOGS FOR TREATING CNS DISORDERS

(71) Suzhou Cyantronic Technology Co. Ltd.; Kosnic Lighting Limited

(21) 2024204335 (22) 25.06.2024

(54) Luminaire Function Module Mounting Buckle Assembly, Luminaire with Same, and Assembling Method

(71) T.J. Elevator Engineering Co., Ltd.

(21) 2024204233 (22) 20.06.2024

(54) AUTOMOBILE SPACE EXTENSION MECHANISM

(71) TAM International, Inc.

(21) 2024204265 (22) 21.06.2024

(54) Strain absorbing downhole packer

(71) TARIS Biomedical LLC

(21) 2024204252 (22) 21.06.2024

(54) Multi-unit drug delivery devices and methods

(71) Techtronic Cordless GP

(21) 2024204279 (22) 21.06.2024

(54) Method for preparing lithium carbonate suspension

(71) Techtronic Cordless GP

(21) 2024204317 (22) 24.06.2024

(54) An autonomous lawn mower and a system for navigating thereof

(71) Techtronic Cordless GP

(21) 2024204328 (22) 25.06.2024

(54) Battery electrode sheet, cylindrical battery and method for manufacturing same

(71) Ted R. Dimitroff

(21) 2024204166 (22) 19.06.2024

(54) NON-DISRUPTIVE UNDERGROUND PIPE REPLACEMENT PROCESS

(71) Telefonaktiebolaget LM Ericsson (publ)

(21) 2024204326 (22) 25.06.2024

(54) COSHARING RADIO FREQUENCY WITH HETEROGENEOUS NETWORKS

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(21) 2024204240

(71) Terra Quantum AG

(21) 2024204165 (22) 19.06.2024

(54) A system and method for selecting an optimal action with a quantum computer

The Broad Institute, Inc. see The General Hospital Corporation

(21) 2024204248

(71) The Council of The Queensland Institute of Medical Research

(21) 2024204269 (22) 21.06.2024

(54) HPV Immunotherapy

(71) The General Hospital Corporation; The Broad Institute, Inc.; Dana-Farber Cancer Institute, Inc.

(21) 2024204248 (22) 21.06.2024

(54) COMBINATION THERAPY WITH NEOANTIGEN VACCINE

(71) The Liv Group Inc.

(21) 2024204277 (22) 21.06.2024

(54) Composition for enhanced absorption of supplements

(71) The Raymond Corporation

(21) 2024204255 (22) 21.06.2024

(54) Systems and Methods for Material Handling Vehicle Tiller Arm Angle Detection

(71) The Regents of the University of Colorado, a Body Corporate

(21) 2024204307 (22) 24.06.2024

(54) MAp44 polypeptides and constructs based on natural antibodies and uses thereof

(71) THINKONE PTY LTD

(21) 2024204314 (22) 24.06.2024

(54) SIP AND CHUG LID

(71) TMA Capital Australia Pty Ltd

(21) 2024204319 (22) 24.06.2024

(54) System, method and computer program for a monitoring system

(71) TOKYO INSTITUTE OF TECHNOLOGY; JAPAN AVIATION ELECTRONICS INDUSTRY, LIMITED

(21) 2024204293 (22) 24.06.2024

(54) Inertial sensor

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(21) 2024204330

(71) Toshiba Energy Systems & Solutions Corporation; Inpex Corporation

(21) 2024204337 (22) 25.06.2024

(54) Acidic gas recovery apparatus and acidic gas recovery method

(71) Transportation IP Holdings, LLC

(21) 2024204186 (22) 19.06.2024

(54) SYSTEM AND METHOD FOR ENERGY CONVERSION

True Essence Foods Inc. see Halstead, J.

(21) 2024204298

(71) TuSimple, Inc.

(21) 2024204267 (22) 21.06.2024

(54) Monitoring system for autonomous vehicle operation

(71) Universitätsspital Basel

(21) 2024204336 (22) 25.06.2024

(54) MDMA response prediction

(71) Uridan Waterless Solutions GmbH

(21) 2024204266 (22) 21.06.2024

(54) Odour trap element for installation in a drain, in particular in the drain of a waterless urinal

(71) Valunor AG

(21) 2024204197 (22) 19.06.2024

(54) Expandable silica particle

(71) Veratin Pty Ltd

(21) 2024204220 (22) 20.06.2024

(54) FERTILISER AND/OR SOIL IMPROVER COMPOSITION, METHOD OF PREPARATION AND METHOD OF USE

(71) Vortech Water Solutions Limited

(21) 2024204235 (22) 20.06.2024

(54) Fluid treatment apparatus

(71) Wake Forest University Health Sciences

(21) 2024204173 (22) 19.06.2024

(54) Compositions, cell constructs, and methods of making and using the same

Weibye, M. see Halstead, J.

(21) 2024204298

(71) Wei Dat Steel Wire Sdn. Bhd.

(21) 2024204263 (22) 21.06.2024

(54) Steel product and its producing method thereof

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(71) Wonderland Switzerland AG
(21) 2024204209 (22) 20.06.2024
(54) FOLDABLE CHILD CARRIER

(71) Wonderland Switzerland AG
(21) 2024204250 (22) 21.06.2024
(54) ANTI-SHIMMY DEVICE ADAPTED
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(71) Xencor, Inc.
(21) 2024204284 (22) 21.06.2024
(54) HETERODIMERIC PROTEINS

(71) Yantai Chungway New Energy Techno-
logy Co., Ltd.
(21) 2024204280 (22) 21.06.2024
(54) METHOD AND SYSTEM FOR PRE-
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(71) Zhejiang Goodnessplus Holding Group
Co., Ltd
(21) 2024204288 (22) 23.06.2024
(54) CONSTRUCTING HOUSES WITH ITS
ROOFS/FLOORS INSTALLED ON THE
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(71) Zhejiang Orient Gene Biotech Co., Ltd
(21) 2024204341 (22) 25.06.2024
(54) TESTING DEVICE AND METHOD

(71) ZTE Corporation
(21) 2024204204 (22) 20.06.2024
(54) Network handover method and apparat-
us, device, and storage medium

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2024204304	Mountain Top (Denmark) ApS
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2024204308	REA Innovations, Inc.
2024204309	Sarepta Therapeutics, Inc.
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2024204311	Abiomed Europe GmbH
2024204312	Johnson & Johnson Consumer Inc.
2024204313	Amgen Inc.
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2024204315	LG Electronics Inc.
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2024204319	TMA Capital Australia Pty Ltd
2024204320	Boston Scientific Scimed, Inc.
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2024204330	Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation
2024204331	QEDMA Quantum Computing Ltd.
2024204332	Angel Group Co., Ltd.
2024204333	Maytronics Ltd.
2024204334	Duracell U.S. Operations, Inc.; National Technology & Engineering Solutions of Sandia, LLC
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2024204347	Stormwater360 Group Limited
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2024204353	Marquette University

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

- A Applications on which examination has not been requested or directed
- B Applications on which a direction to request examination has been given
- C Applications on which examination has been requested or on which an examination report has been issued
- D Applications which have been accepted or advertised accepted
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- G Patents Certified
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2014363686 (14)	2014363701 (14)	2014363961 (14)	2019401934 (4C)	2019402945 (14)	2019406995 (4B)
2014363992 (14)	2014364155 (14)	2014365189 (14)	2019418343 (14)	2019420059 (4B)	2019420859 (4B)
2014365860 (14)	2014366391 (14)	2014366429 (14)	2019421068 (14)	2019426170 (4B)	2019427817 (4B)
2014375677 (14)	2014378324 (14)	2014382358 (14)	2019444631 (1B)	2019456718 (1B)	2019476839 (14)
2014384605 (14)	2014401440 (14)		2020		
2015			2020102352 (22)	2020103946 (22E)	2020103957 (22E)
2015203186 (14)	2015207834 (14)	2015210394 (14)	2020103960 (22E)	2020103970 (22E)	2020103976 (22E)
2015230746 (14)	2015249051 (14)	2015264934 (14)	2020103979 (22E)	2020103986 (22E)	2020103987 (22E)
2015357496 (14)	2015357498 (14)	2015359285 (14)	2020200014 (14)	2020202629 (14)	2020203921 (14)
2015359503 (14)	2015359626 (14)	2015360364 (14)	2020204328 (1B)	2020204452 (1B)	2020204471 (1B)
2015360700 (14)	2015362045 (14)	2015362073 (14)	2020264365 (14)	2020298459 (1B)	2020298571 (1B)
2015362095 (14)	2015362952 (14)	2015366578 (14)	2020298635 (1B)	2020298647 (1B)	2020298662 (1B)
2015368154 (14)	2015368963 (14)	2015377905 (14)	2020298783 (1B)	2020298850 (1B)	2020298870 (1B)
			2020298880 (1B)	2020299016 (1B)	2020299027 (1B)
			2020299059 (1B)	2020299251 (1B)	2020299410 (1B)
			2020299430 (1B)	2020299448 (1B)	2020299541 (1B)
			2020299544 (1B)	2020299632 (1B)	2020299636 (1B)
			2020299965 (1B)	2020299992 (1B)	2020300106 (1B)
			2020300115 (1B)	2020300124 (1B)	2020300351 (1B)
			2020300357 (1B)	2020300586 (1B)	2020300598 (1B)
			2020300613 (1B)	2020300618 (1B)	2020300619 (1B)
			2020300692 (1B)	2020300781 (1B)	2020300851 (1B)
			2020309202 (1B)	2020309511 (1B)	2020309724 (1B)
			2020309729 (1B)	2020309802 (1B)	2020310107 (1B)
			2020310397 (1B)	2020310478 (1B)	2020311022 (1B)
			2020311298 (1B)	2020311579 (1B)	2020311864 (1B)
			2020311867 (1B)	2020312230 (1B)	2020324210 (5C)
			2020325409 (5C)	2020331892 (1B)	2020335963 (1B)
			2020369008 (5C)	2020382453 (5C)	2020382794 (5C)
			2020384249 (5C)	2020395121 (5C)	2020401387 (5C)
			2020406724 (5C)		
			2021		
			2021200334 (14)	2021204620 (5C)	2021206796 (5C)
			2021218178 (5C)	2021221611 (5C)	2021221646 (5C)
			2021221706 (4C)	2021235261 (25D)	2021250930 (5C)
			2021251496 (5C)	2021258031 (4C)	2021259515 (25D)
			2021266336 (5C)	2021269426 (14)	2021273617 (4C)
			2021286248 (4C)	2021286326 (5C)	2021290232 (4C)
			2021290255 (4C)	2021290385 (4C)	2021369950 (5C)
			2021383120 (5C)		
			2022		
			2022200199 (5C)	2022200752 (25D)	2022200806 (4C)
			2022200935 (16C)	2022201341 (5C)	2022201562 (5C)
			2022202132 (5C)	2022202303 (5C)	2022202387 (5C)
			2022202392 (5C)	2022202404 (5C)	2022202449 (5C)
			2022202634 (5C)	2022202818 (5C)	2022202852 (5C)
			2022202937 (5C)	2022203283 (5C)	2022203633 (4C)
			2022203648 (5C)	2022203737 (4C)	2022203765 (5C)
			2022204049 (5C)	2022204474 (4C)	2022204493 (5C)
			2022224716 (5C)		
			2023		
			2023200824 (5CN)	2023201657 (4C)	2023202038 (5CN)
			2023237064 (16CN)	2023902237 (12AN)	
			2024		
			2024202086 (1B)	2024202110 (1B)	2024202155 (1B)
			2024202354 (7AN)	2024202407 (7CN)	2024202419 (7CN)
			2024202426 (7AN)	2024202494 (7AN)	

Complete Specifications Treated as Provisional Specifications, Section 37

2023

2023229511 **Berry Global, Inc.** Provisional Number: 2023904260

Assignments before Grant, Section 113

2017

2017220012 Genisphere LLC The application has been assigned to **Code Biotherapeutics, Inc.**

2018

2018211203 Electrical Home-Aids Pty Ltd The application has been assigned to **Atlam Holdings Pty Ltd.**

2018267948 Novozymes A/S The application has been assigned to **Kerry Group Services International Ltd**

2018269327 Novozymes A/S The application has been assigned to **Kerry Group Services International Ltd**

2018321383 AMDT Holdings, Inc. The application has been assigned to **Arthrex, Inc.**

2018380015 ActivOrtho, Inc. The application has been assigned to **Conventus Orthopaedics, Inc.**

2019

2019202646 Oticon Medical A/S The application has been assigned to **Cochlear Limited**

2019208230 Oticon Medical A/S The application has been assigned to **Cochlear Limited**

2019209481 Slager, Benjamin; Cohen, Peter The application has been assigned to **Alliance BioEnergy Plus Inc.**

2019210513 Oticon Medical A/S The application has been assigned to **Cochlear Limited**

2019222901 Oticon Medical A/S The application has been assigned to **Cochlear Limited**

2019233901 Intergalactic Therapeutics, Inc. The application has been assigned to **Aldevron, LLC**

2019250174 Oticon Medical A/S The application has been assigned to **Cochlear Limited**

2019250175 Oticon Medical A/S The application has been assigned to **Cochlear Limited**

2019250178 Oticon Medical A/S The application has been assigned to **Cochlear Limited**

Assignments before Grant, Section 113

2019265730 Tremblay, Mario The application has been assigned to **Lanvira, LLC**

2019284152 BEJJAM, Ratna Divya Kanthi; GHARAT, Tejashree V.; KAMAVARAPU, Srinivas M. The application has been assigned to **TeleTracking Technologies, Inc.**

2019299459 Groupon, Inc. The application has been assigned to **Bytedance Inc.**

2019379425 The University of Western Australia The application has been assigned to **Onalpa Pty Ltd**

2019413436 Excel Med, LLC; National Cheng Kung University The application has been assigned to **National Cheng Kung University**

2020

2020204375 Oticon Medical A/S The application has been assigned to **Cochlear Limited**

2020204389 Oticon Medical A/S The application has been assigned to **Cochlear Limited**

2020216061 Assured IT Pty Ltd The application has been assigned to **Kinchington Holdings Pty Ltd**

2020220198 SEI MANUFACTURING INC. The application has been assigned to **SEI INDUSTRIES LTD**

2020260439 Oticon Medical A/S The application has been assigned to **Cochlear Limited**

2020286217 Oticon Medical A/S The application has been assigned to **Cochlear Limited**

2020286219 Oticon Medical A/S The application has been assigned to **Cochlear Limited**

2020289830 Oticon Medical A/S The application has been assigned to **Cochlear Limited**

2020293083 MSB Global, Inc. The application has been assigned to **PARTANNA GLOBAL, INC.**

2020332806 Longyear TM, Inc. The application has been assigned to **Boart Longyear Company**

2020347909 The University of Birmingham The application has been assigned to **Tagomics Limited**

2020350164 The University of Birmingham The application has been assigned to **Tagomics Limited**

2020351204 Intergalactic Therapeutics, Inc. The application has been assigned to **Aldevron, LLC**

2020397901 Palo Alto Research Center Incorporated The application has been assigned to **SRI International**

Assignments before Grant, Section 113

2020454698 Tremblay, Mario The application has been assigned to **Lanvira, LLC**

2021

2021200620 SEI MANUFACTURING INC. The application has been assigned to **SEI INDUSTRIES LTD**

2021201810 Hexima Limited The application has been assigned to **Deftbiotech Pty Ltd**

2021204182 Oticon Medical A/S The application has been assigned to **Cochlear Limited**

2021204574 Evelo Biosciences, Inc. The application has been assigned to **PharmaBiome AG**

2021215240 Oticon Medical A/S The application has been assigned to **Cochlear Limited**

2021218085 Oticon Medical A/S The application has been assigned to **Cochlear Limited**

2021232663 Oticon Medical A/S The application has been assigned to **Cochlear Limited**

2021241514 Cure Medical LLC The application has been assigned to **CONVATEC INC.**

2021250912 Rapid Cooling Research Pty Ltd The application has been assigned to **Futurepro Pty Ltd**

2021254619 Oticon Medical A/S The application has been assigned to **Cochlear Limited**

2021254668 SEI MANUFACTURING INC. The application has been assigned to **SEI INDUSTRIES LTD**

2021258095 Oticon Medical A/S The application has been assigned to **Cochlear Limited**

2021261850 Oticon Medical A/S The application has been assigned to **Cochlear Limited**

2021261926 ActivOrtho, Inc. The application has been assigned to **Conventus Orthopaedics, Inc.**

2021264583 Cure Medical LLC The application has been assigned to **CONVATEC INC.**

2021273111 Renson Sunprotection-Screens NV The application has been assigned to **Renson NV**

2021327680 Moddex NZ LP The application has been assigned to **MODDEX NZ LIMITED**

2021344973 DIRTSAT, INC. The application has been assigned to **Tiballi, Christine**

Assignments before Grant, Section 113

2021414121 PRECISE-THERAPEUTICS LLC The application has been assigned to **SuZhou XinXin Biopharma CO., LTD**

2021420578 MONCLER S.P.A. The application has been assigned to **Industries S.p.A.**

2022

2022200962 SEI MANUFACTURING INC. The application has been assigned to **SEI INDUSTRIES LTD**

2022202060 Chr. Hansen A/S The application has been assigned to **Kerry Group Services International Ltd**

2022203983 Oticon Medical A/S The application has been assigned to **Cochlear Limited**

2022205242 Chr. Hansen A/S The application has been assigned to **Kerry Group Services International Ltd**

2022206727 Chr. Hansen A/S The application has been assigned to **Kerry Group Services International Ltd**

2022217102 ALEXANDER, Alan Moana; NEUMANN, Eric James; RAZZAK, Majid Hameed Abdul; EDWARDS, Paul The application has been assigned to **NICLOSAVIR LIMITED**

2022231927 MONCLER S.P.A. The application has been assigned to **Industries S.p.A.**

2022234865 CHR. HANSEN A/S The application has been assigned to **Kerry Group Services International Ltd**

2022238492 INTERGALACTIC THERAPEUTICS, INC. The application has been assigned to **Aldevron, LLC**

2022239744 MONCLER S.P.A. The application has been assigned to **Industries S.p.A.**

2022243063 MCGRATH, Graeme The application has been assigned to **Advanced Diagnostics Solutions Pty Ltd**

2022308566 MODDEX NZ LIMITED PARTNERSHIP The application has been assigned to **MODDEX NZ LIMITED**

2022353201 THE UNIVERSITY OF BIRMINGHAM The application has been assigned to **Tagomics Limited**

2023

2023201385 SEI MANUFACTURING INC. The application has been assigned to **SEI INDUSTRIES LTD**

2023201530 CCTEG CHINA COAL RESEARCH INSTITUTE The application has been assigned to **CCERI (Beijing) New Material Technology Co., Ltd.; CCTEG CHINA COAL RESEARCH INSTITUTE**

2023902052 ResMed Pty Ltd; ResMed Asia Pte. Ltd. The application has been assigned to **ResMed Pty Ltd**

Assignments before Grant, Section 113

2023902621 Herford, Nick; Hanson, Mathew Guy The application has been assigned to **Hello Claims Pty Ltd**

2024

2024202345 Genisphere LLC The application has been assigned to **Code Biotherapeutics, Inc.**

2024202396 Chr. Hansen A/S The application has been assigned to **Kerry Group Services International Ltd**

2024203899 DUSA Pharmaceuticals, Inc. The application has been assigned to **Sun Pharmaceutical Industries, Inc.**

2024203917 AMDT Holdings, Inc. The application has been assigned to **Arthrex, Inc.**

2024900907 Moroney, Paul The application has been assigned to **TBL AUS Pty Ltd**

2024901343 Glass Outlet IP Pty Ltd The application has been assigned to **Glass Outlet BNE Pty Ltd**

Extensions of Time, Section 223

Applications Received

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

2007

2007288125 **Intellectual Property Development Corporation Pty Ltd** An application to extend the time from 24 Aug 2023 to 24 Apr 2024 in which to pay a renewal fee has been filed . Address for service - Wulff Partners Pty Ltd U 5005 1 Queensbridge Sq Southbank VIC 3006 AU

2019

2019264551 **QUIDNET ENERGY INC.** An application to extend the time from 12 Nov 2023 to 12 Jun 2024 in which to pay a continuation fee has been filed . Address for service - Michael Buck IP PO Box 78 Red Hill QLD 4059 AU

2021

2021268127 **Raspect Intelligence Inspection Limited** An application to extend the time from 08 Dec 2022 to 08 Dec 2023 in which to enter the National Phase has been filed . Address for service - RNB IP PTY LTD PO Box 9530 Deakin ACT 2600 AU

2022

2022210955 **NGLTECH SERVICES SDN. BHD.** An application to extend the time from 21 Aug 2023 to 21 Jan 2024 in which to enter the national phase has been filed . Address for service - PHILLIPS ORMONDE FITZPATRICK PO Box 323 COLLINS STREET WEST VIC 8007 AU

2024

2024202408 **NZP1027 Ltd** An application to extend the time from 14 Dec 2023 to 14 Apr 2024 in which to make a further application for a di-

Extensions of Time, Section 223

visional patent has been filed . Address for service - Eagar & Associates Pty Ltd Level 2 35-39 Scarborough Street Southport QLD 4215 AU

Applications Allowed - Section 223(2)

2017

2017353378 **Boehringer Ingelheim Vetmedica GmbH** The time in which to pay the acceptance fee has been extended to 14 Jul 2024 . Address for service - FB Rice Pty Ltd L 33 477 Collins Street Melbourne VIC 3000 AU

2020

2020284633 **Guala Pack S.p.A.** The time in which to request examination has been extended to 26 Jun 2024 . Address for service - Murray Trento & Associates Pty Ltd PO Box 2191 Blackburn South VIC 3130 AU

2020292722 **Cappeller Futura SRL** The time in which to request examination has been extended to 13 Jun 2024 . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2021

2021211977 **Urigen N.A.** The time in which to pay the acceptance fee has been extended to 23 May 2024 . Address for service - Pizzey's Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2021250917 **PedalCell LLC** The time in which to pay a continuation fee has been extended to 01 Nov 2023 . Address for service - K&L Gates Level 25 South Tower 525 Collins Street Melbourne VIC 3000 AU

2021282825 **Kim, E.** The time in which to pay the acceptance fee has been extended to 02 Mar 2024 . Address for service - eun bee kim Australia Fair Post Shop 42 Marine Pde Southport QLD 4215 AU

2021304541 **ILONANDRE PTY LTD** The time in which to pay the acceptance fee has been extended to 04 Jun 2024 . Address for service - Vaun Turner 34 Hayman St Redland QLD 4165 AU

2022

2022374467 **DIGITAL HEAT LTD** The time in which to enter the National Phase has been extended to 27 Jun 2024 . Address for service - FOUNDRY INTELLECTUAL PROPERTY PTY LTD PO Box Q1466 Queen Victoria Building NSW 1230 AU

2022377297 **DIGITAL HEAT LTD** The time in which to enter the National Phase has been extended to 27 Jun 2024 . Address for service - FOUNDRY INTELLECTUAL PROPERTY PTY LTD PO Box Q1466 Queen Victoria Building NSW 1230 AU

2022377298 **DIGITAL HEAT LTD** The time in which to enter the National Phase has been extended to 27 Jun 2024 . Address for service - FOUNDRY INTELLECTUAL PROPERTY PTY LTD PO Box Q1466 Queen Victoria Building NSW 1230 AU

2023

2023204033 **DISTRIBUTED CREATION INC.** The time in which to claim the convention priority date has been extended to 15 Feb 2023 . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

Extensions of Time, Section 223**2024**

2024202615 **EXEL Industries** The time in which to claim the convention priority date has been extended to 20 May 2024 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

Amendments**Applications for Amendment**

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

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

2014

2014298495 Method for producing hydrolysed keratinaceous material **Tessengerlo Group NV/SA** The nature of the amendment is as shown in the statement(s) filed 04 May 2024 . Address for service - Pizzeyes Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2018

2018404905 Light-blocking fabric and manufacturing method therefor **Winplus Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 19 Apr 2024 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2019

2019448467 An organic natural microbial inhibitor **Kuchimanchi , V. ; Kuchimanchi , V.** The nature of the amendment is as shown in the statement(s) filed 14 Jun 2024 . Address for service - Davies Collison Cave Pty Ltd Level 4 7 Macquarie Place Sydney NSW 2000 AU

2020

2020281026 ELEVATED STORAGE APPARATUS FOR STORING OR MOVING ITEMS **Miles , S.** The nature of the amendment is: Remove divisional status claim, 2019208179 23 Jul 2019 . Address for service - Ahearn Fox PO Box 9398 Wynnum Plaza Brisbane QLD 4178 AU

2020382581 Transformation-based image coding method and device therefor **LG Electronics Inc.** The nature of the amendment is as shown in the statement(s) filed 19 Jun 2024 . Address for service - Dentons Patent Attorneys Australasia Limited 18 Viaduct Harbour Avenue Auckland CBD 1142 NZ

2022

2022202309 FEMALE PART, RETAINING DEVICE AND PIN SYSTEM FOR EXCAVATORS AND THE LIKE **Metalogenia Research & Technologies S.L.** The nature of the amendment is as shown in the statement(s) filed 18 Jun 2024 . Address for service - Allens Patent & Trade Mark Attorneys 101 Collins Street MELBOURNE VIC 3000 AU

2022202948 MODIFIED LIGAND-GATED ION CHANNELS AND METHODS OF USE **Howard Hughes Medical Institute** The nature of the amendment is as shown in the statement(s) filed 07 Jun 2024 .

Amendments

Address for service - Pizzeyes Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2022281121 GENERATING NEURAL NETWORK OUTPUTS BY CROSS ATTENTION OF QUERY EMBEDDINGS OVER A SET OF LATENT EMBEDDINGS **DEEPMIND TECHNOLOGIES LIMITED** The nature of the amendment is as shown in the statement(s) filed 20 Jun 2024 . Address for service - Pizzeyes Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

Amendments Made**2016**

2016206432 **Technological Resources Pty. Limited** The nature of the amendment is as shown in the statement filed 27 Feb 2024

2016332900 **Amgen Inc.** The nature of the amendment is as shown in the statement(s) filed 15 Jan 2024

2017

2017268641 **Vajda, J.; Felix, M.** The nature of the amendment is: Amend the name of the inventor to read Vajda, Jessica Beryl and Felix, Meagan Kelsey

2017329182 **Haulotte Group** The nature of the amendment is as shown in the statement(s) filed 12 Feb 2024

2017338253 **Wickham, A.; Seneviratne, S.** The nature of the amendment is: Application is to proceed under the number 2017101947

2018

2018101203 **Mine Site Technologies Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 12 Apr 2022

2018246382 **VIVORYON THERAPEUTICS N.V.** The nature of the amendment is as shown in the statement(s) filed 23 Feb 2024

2018342997 **Deutsches Krebsforschungszentrum** The nature of the amendment is as shown in the statement(s) filed 06 Feb 2024

2019

2019207761 **BioNTech SE; TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz gGmbH** The nature of the amendment is: Amend the name of the inventor to read SAHIN, Ugur; HAAS, Heinrich; VOGEL, Annette; ERBAR, Stephanie; WALZER, Kerstin; SCHLEGEL, Anne; HÖRNER, Sebastian; MORENO HERRERO, Jorge; KLAMP, Thorsten; KREITER, Sebastian; DIKEN, Mustafa and HELLER, Philipp

2019229417 **Progressive IP Limited** The nature of the amendment is: Application is to proceed under the number 2019229417

2019309130 **Sumitomo Pharma Co., Ltd.** The nature of the amendment is: Amend the invention title to read Condensed lactam derivative

Amendments

2020

2020311877 **Case Western Reserve University** The nature of the amendment is: Amend the name of the inventor to read BUKULMEZ, Hulya; CAPLAN, Arnold and BONFIELD, Tracey Leigh

2021

2021205029 **Werner Co.** The nature of the amendment is: Amend the name of co-inventor to read Kolawole, Oladapo

2021262730 **Stepan Company** The nature of the amendment is: Add the name of co-inventor FLIEGER, Sebastian

2021459317 **JGC Corporation** The nature of the amendment is: Amend the invention title to read Carbon dioxide recovery method and carbon dioxide recovery system using carbon dioxide cycle power generation unit

2021473799 **WINBO-DONGJIAN AUTOMOTIVE TECHNOLOGY CO., LTD.** The nature of the amendment is: Amend the invention title to read CONNECTING ROD STRUCTURE, FOOTBOARD DEVICE, AND VEHICLE

2021479259 **OLIMENT® GMBH** The nature of the amendment is: Amend the invention title to read COMPOSITE MATERIAL

2022

2022249318 **ENTRADA THERAPEUTICS, INC.** The nature of the amendment is: Add the names of co-inventors Liu, Haoming and Shen, Xiulong

2022271873 **ENTRADA THERAPEUTICS, INC.** The nature of the amendment is: Add inventor LI, Xiang

2022278011 **FRIDMAN-MINTZ, B.** The nature of the amendment is: Amend the invention title to read Recognition of human-uttered harmonic sounds

2022372236 **AUSTRALIAN NATIONAL UNIVERSITY** The nature of the amendment is as shown in the statement(s) filed 20 May 2024

2022379954 **SHELTERED WINGS, INC. D/B/A VORTEX OPTICS** The nature of the amendment is: Amend the priority details to read 63/275,658 04 Nov 2021 US

2022391267 **NATIONAL UNIVERSITY CORPORATION TOKYO MEDICAL AND DENTAL UNIVERSITY** The nature of the amendment is: Amend the invention title to read Cell population comprising mesenchymal stem cells, cell sheet, and method for producing a cell sheet

2022394015 **LANDIS+GYR GMBH** The nature of the amendment is: Amend the name of the inventor to read MOßNER, Johannes and STUREK, Robert

2022394553 **TRUCLEAR WATER SOLUTIONS, INC.** The nature of the amendment is as shown in the statement(s) filed 04 Jun 2024

2022398467 **NFLECTION THERAPEUTICS, INC.** The nature of the amendment is: Amend the priority details to read 63/282,395 23 Nov 2021 US

Amendments

2022398817 **DAIWA CAN COMPANY** The nature of the amendment is: Amend the invention title to read Method for manufacturing can container and manufacturing apparatus

2022407830 **EARTH CORPORATION** The nature of the amendment is: Amend the invention title to read METERED-SPRAY AEROSOL

2022421841 **SAIL BIOMEDICINES, INC.** The nature of the amendment is: Amend the invention title to read MRNA THERAPEUTIC COMPOSITIONS

2023

2023222734 **DEERE & COMPANY; IOWA STATE UNIVERSITY RESEARCH FOUNDATION, INC.** The nature of the amendment is: Amend the priority details to read 63/442,294 31 Jan 2023 US; 63/307,765 08 Feb 2022 US; 63/269,314 14 Mar 2022 US; 63/438,404 11 Jan 2023 US; 63/440,455 23 Jan 2023 US and 63/442,283 31 Jan 2023 US

2024

2024203297 **The Trustees of the University of Pennsylvania; Inovio Pharmaceuticals, Inc.; The Wistar Institute of Anatomy and Biology** The nature of the amendment is: Amend the name of the inventor to read WEINER, David; ELLIOTT, Sarah; PATEL, Ami and YAN, Jian

Amendments Withdrawn

2023

2023100062 **Kumiai Chemical Industry Co., Ltd.** The amendments dated 30 Sep 2023 have been withdrawn.
Alteration of Name(s) of Applicant(s)/Patentee(s)

2006

2006214437 **IVERIC bio, Inc.** The name of the patentee has been altered to **Astellas US LLC**

2012

2012311429 **GEO27 S.ar.l.** The name of the patentee has been altered to **GEO27, Inc.**

2013

2013241675 **Geo27 S.ar.l.** The name of the patentee has been altered to **GEO27, Inc.**

2013299487 **DUSA Pharmaceuticals, Inc.** The name of the patentee has been altered to **Sun Pharmaceutical Industries, Inc.**

2013302822 **DUSA Pharmaceuticals, Inc.** The name of the patentee has been altered to **Sun Pharmaceutical Industries, Inc.**

2013313105 **DUSA Pharmaceuticals, Inc.** The name of the patentee has been altered to **Sun Pharmaceutical Industries, Inc.**

2017

2017292906 **Precision Nanosystems ULC** The name of the patentee has been altered to **Global Life Sciences Solutions Canada ULC**

Amendments

2017306576 Lithium Australia NL The name of the patentee has been altered to **Lithium Australia Limited**

2017333595 Segnut Pty Ltd The name of the patentee has been altered to **Engentus Pty Ltd**

2018

2018280264 The Board of Trustees of the Leland Stanford Junior University; Myoforte Therapeutics Inc. The name of the applicant has been altered to **The Board of Trustees of the Leland Stanford Junior University; Myoforte Therapeutics, Inc.**

2018302103 DUSA Pharmaceuticals, Inc. The name of the applicant has been altered to **Sun Pharmaceutical Industries, Inc.**

2020

2020103365 DUSA Pharmaceuticals, Inc. The name of the patentee has been altered to **Sun Pharmaceutical Industries, Inc.**

2020220579 Giesecke+Devrient Mobile Security GmbH The name of the applicant has been altered to **Giesecke+Devrient ePayments GmbH**

2020233532 Legochem Biosciences, Inc.; Y-Biologics Inc. The name of the applicant has been altered to **LigaChem Biosciences Inc.; Y-Biologics Inc.**

2020260280 Precision Nanosystems ULC The name of the patentee has been altered to **Global Life Sciences Solutions Canada ULC**

2020267186 DUSA Pharmaceuticals, Inc. The name of the patentee has been altered to **Sun Pharmaceutical Industries, Inc.**

2020296961 The Martin-Bower Company, L.L.C. The name of the applicant has been altered to **The Martin-Brower Company, L.L.C.**

2020303417 DUSA Pharmaceuticals, Inc. The name of the applicant has been altered to **Sun Pharmaceutical Industries, Inc.**

2020321023 Xenon-VR, Inc. The name of the applicant has been altered to **Xenon Ophthalmics Inc.**

2020378982 IVERIC bio, Inc. The name of the applicant has been altered to **Astellas US LLC**

2021

2021102111 DUSA Pharmaceuticals, Inc. The name of the patentee has been altered to **Sun Pharmaceutical Industries, Inc.**

2021107564 DUSA Pharmaceuticals, Inc. The name of the patentee has been altered to **Sun Pharmaceutical Industries, Inc.**

2021268127 SUN, Chi Chun The name of the applicant has been altered to **Respect Intelligence Inspection Limited**

2021372540 IVERIC bio, Inc. The name of the applicant has been altered to **Astellas US LLC**

Amendments**2022**

2022201404 IVERIC bio, Inc. The name of the patentee has been altered to **Astellas US LLC**

2022209242 DUSA Pharmaceuticals, Inc. The name of the applicant has been altered to **Sun Pharmaceutical Industries, Inc.**

2022253524 SIMCERE ZAIMING PHARMACEUTICAL CO., LTD. The name of the applicant has been altered to **HAINAN SIMCERE ZAIMING PHARMACEUTICAL CO., LTD.**

2022330892 SIMCERE ZAIMING PHARMACEUTICAL CO., LTD. The name of the applicant has been altered to **Hainan Simcere Zaiming Pharmaceutical Co., Ltd.**

2022389462 PG13 LAUNCHPAD ALPHA, INC. dba KINDRA The name of the applicant has been altered to **Kindra Corporation**

2023

2023285927 DUSA Pharmaceuticals, Inc. The name of the applicant has been altered to **Sun Pharmaceutical Industries, Inc.**

2023901884 Move Engineering Group Pty Limited The name of the applicant has been altered to **Move Engineering Group Pty Ltd**

2024

2024200948 IVERIC bio, Inc. The name of the applicant has been altered to **Astellas US LLC**

Amendments Made Under Section 105

Court Order by the Federal Court of New South Wales, NSD1909/2018 Australian Patent/Patent Application 2013335451 in the name of Tool-Gen Incorporated
The amendments advertised in the Official Journal of Patents dated 28 Sep 2023 have been made in accordance with a Court Order 23 May 2024 .

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

(71) Alcon Inc.
 (11) AU-A-2024203942
 (21) 2024203942 (22) 11.06.2024
 (54) INTRAOCULAR LENS DELIVERY SYSTEMS AND METHODS OF USE
 (51) Int. Cl.
 A61F 2/16 (2006.01)
 A61F 2/14 (2006.01)
 A61F 2/76 (2006.01)
 (43) 04.07.2024
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 (72) Matthews, Gregory Vinton
 (74) PHILLIPS ORMONDE FITZPATRICK

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 (21) 2024204130

(71) Alkahest Inc.
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 (21) 2024204133 (22) 18.06.2024
 (54) Methods and Compositions for Treating Retina-Associated Disease Using CCR3-Inhibitors
 (51) Int. Cl.
 A61K 31/4523 (2006.01)
 A61K 9/00 (2006.01)
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 A61K 31/4545 (2006.01)
 A61P 31/00 (2006.01)
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 (43) 04.07.2024
 (62) 2018248425
 (72) Coradini, Laura; Jackson, Sam; Nikolic, Karoly
 (74) Catalyst Intellectual Property

(71) Almendra Pte. Ltd.
 (11) AU-A-2024204097
 (21) 2024204097 (22) 17.06.2024
 (54) Taste modulator composition, beverage and flavoring composition thereof
 (51) Int. Cl.
 A23L 2/56 (2006.01)
 A23L 2/60 (2006.01)
 A23L 27/00 (2016.01)
 A23L 27/30 (2016.01)
 (43) 04.07.2024
 (62) 2019253969
 (72) DUBOIS, Grant E.; SAN MIGUEL, Rafael I.
 (74) FPA Patent Attorneys Pty Ltd

(71) Alnylam Pharmaceuticals, Inc.; TAKE-DA PHARMACEUTICAL COMPANY LIMITED
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 (54) DI-ALIPHATIC SUBSTITUTED PEGYLATED LIPIDS
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 C07C 235/74 (2006.01)
 A61K 9/127 (2006.01)
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 C07C 237/06 (2006.01)
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 (72) MANOHARAN, Muthiah; RAJEEV, Kalanthottathil G.; NAIR, Jayaprakash K.; JAYARAMAN, Muthusamy; MATSUMOTO, Satoru
 (74) Griffith Hack

(71) Amryt Endo, Inc.
 (11) AU-A-2024203939
 (21) 2024203939 (22) 11.06.2024
 (54) Method of treating diseases
 (51) Int. Cl.
 A61K 38/08 (2019.01)
 A61K 9/48 (2006.01)
 A61P 3/00 (2006.01)
 (43) 04.07.2024
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 (72) MAMLUK, Roni
 (74) Spruson & Ferguson

(71) Anago Limited
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 (21) 2024204139 (22) 18.06.2024
 (54) A Blade Sharpness Testing Device
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 G01N 3/58 (2006.01)
 B23Q 3/06 (2006.01)
 B23Q 17/09 (2006.01)
 G01L 5/04 (2006.01)
 (43) 04.07.2024
 (62) 2023202762
 (72) Dowd, Peter
 (74) AJ Pietras IP Limited

(71) Angel Group Co., Ltd.
 (11) AU-A-2024204069
 (21) 2024204069 (22) 14.06.2024
 (54) SUBSTITUTE CURRENCY FOR GAMING, INSPECTION DEVICE, AND MANUFACTURING METHOD OF SUBSTITUTE CURRENCY FOR GAMING, AND MANAGEMENT SYSTEM FOR TABLE GAMES
 (51) Int. Cl.
 G06Q 50/10 (2012.01)
 A63F 1/06 (2006.01)
 A63F 11/00 (2006.01)

(43) 04.07.2024
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 (72) Shigeta, Yasushi
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Angel Group Co., Ltd.
 (11) AU-A-2024204154
 (21) 2024204154 (22) 18.06.2024
 (54) TABLE GAME SYSTEM
 (51) Int. Cl.
 A63F 1/14 (2006.01)
 (43) 04.07.2024
 (62) 2022203210
 (72) Shigeta, Yasushi
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) AOBiome LLC
 (11) AU-A-2024202444
 (21) 2024202444 (22) 15.04.2024
 (54) Ammonia-oxidizing nitrosomonas eutropha strain D23
 (51) Int. Cl.
 A61K 9/00 (2006.01)
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 (72) WHITLOCK, David R.; GRYLLOS, Ioannis; JAMAS, Spiros; WEISS, Larry
 (74) Davies Collison Cave Pty Ltd

(71) Apple Inc.
 (11) AU-A-2024203944
 (21) 2024203944 (22) 11.06.2024
 (54) Portable multifunction device with interface reconfiguration mode
 (51) Int. Cl.
 G06F 3/048 (2013.01)
 (43) 04.07.2024
 (62) 2022224726
 (72) HERZ, Scott; CHAUDHRI, Imran; CHRISTIE, Greg
 (74) FPA Patent Attorneys Pty Ltd

(71) Applied Medical Resources Corporation
 (11) AU-A-2024203993
 (21) 2024203993 (22) 12.06.2024
 (54) Surgical training model for laparoscopic procedures
 (51) Int. Cl.
 G09B 23/28 (2006.01)
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 (72) HOFSTETTER, Gregory K.; BRESLIN, Tracy; SALEH, Khodr; FELSINGER, Natasha; BLACK, Katie; DRAGANOV, Milan
 (74) Griffith Hack

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(71) Aristocrat Technologies, Inc.
 (11) AU-A-2023266330
 (21) 2023266330 (22) 16.11.2023
 (54) ELECTRONIC GAMING MACHINE WITH MULTI-STACKED TRANSPARENT DISPLAY PANELS
 (51) Int. Cl.
G07F 17/32 (2006.01)
 (31) 18/473,804 (32) 25.09.23 (33) US
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 (43) 04.07.2024
 (72) Michael Baum; Rajendrasinh Jadeja
 (74) James & Wells Intellectual Property

(71) Aristocrat Technologies Australia Pty Limited
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 (21) 2024204080 (22) 14.06.2024
 (54) ELECTRONIC GAMING SYSTEM FOR AWARDED MULTIPLE OF WAGER AND METHOD OF USE
 (51) Int. Cl.
A63F 13/45 (2014.01)
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 (72) HAWKINS, Ryan; HONEYCUTT, Robert; JOHNS, Stephanie
 (74) Griffith Hack

(71) Arthrex, Inc.
 (11) AU-A-2024203917
 (21) 2024203917 (22) 07.06.2024
 (54) Methods and systems for determining adjustment prescriptions of external fixation devices
 (51) Int. Cl.
A61B 17/00 (2006.01)
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G06T 7/00 (2017.01)
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 (72) MULLANEY, Michael
 (74) Spruson & Ferguson

(71) Aurigene Oncology Limited
 (11) AU-A-2024203943
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 (54) Compounds and compositions for treating hematological disorders
 (51) Int. Cl.
A61K 31/5377 (2006.01)
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 (72) Gummadi, Venkateshwar Rao; Samajdar, Susanta; Nellore, Kavitha; Dagainakatte, Girish; Balasubramanian, Wesley Roy
 (74) Pearce IP Pty Ltd

(71) Avalyn Pharma Inc.
 (11) AU-A-2024203957
 (21) 2024203957 (22) 11.06.2024
 (54) Aerosol tyrosine kinase inhibitor compounds and uses thereof
 (51) Int. Cl.
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 (43) 04.07.2024
 (62) 2022202349
 (72) SURBER, Mark William
 (74) FB Rice Pty Ltd

(71) Avery Dennison Retail Information Services LLC
 (11) AU-A-2024203931
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 (54) Systems and methods for using RFID technology to identify products
 (51) Int. Cl.
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 (72) ROTH, Mark W.
 (74) AJ Pietras IP Limited

(71) B.PRODUCT PTY LTD
 (11) AU-A-2022287643
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 (54) A CLIP-ON HANGER ASSEMBLY FOR A BRICK WALL
 (51) Int. Cl.
F16B 2/24 (2006.01)
A47F 5/08 (2006.01)
A47G 1/20 (2006.01)
A47G 25/06 (2006.01)
F16M 13/02 (2006.01)
 (43) 04.07.2024
 (72) Tallarida, Marco
 (74) IP Guardian Pty Ltd

(71) Bambino Prezioso Switzerland AG
 (11) AU-A-2024204028
 (21) 2024204028 (22) 13.06.2024
 (54) CARRYCOT, CARRYCOT STRUCTURE AND CHILD CARRIER
 (51) Int. Cl.
B60N 2/28 (2006.01)
 (43) 04.07.2024
 (62) 2021272362
 (72) CHEN, Yingzhong
 (74) Griffith Hack

(71) Bavarian Nordic A/S
 (11) AU-A-2024202790
 (21) 2024202790 (22) 30.04.2024
 (54) Compositions and methods vectors for inducing an enhanced immune response using poxvirus vectors
 (51) Int. Cl.
C12N 15/86 (2006.01)

(43) 04.07.2024
 (62) 2021200985
 (72) Hausmann, Jurgen; Wolferstatter, Michael
 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

(71) BEAUTIFUL WINDOW FASHIONS CO., LTD.; TAICANG KINGFU PLASTIC MANUFACTURE CO., LTD.
 (11) AU-A-2023258416
 (21) 2023258416 (22) 02.11.2023
 (54) JALOUSIE WINDOW DEVICE
 (51) Int. Cl.
E06B 7/096 (2006.01)
E06B 7/086 (2006.01)
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 (31) 111213847 (32) 15.12.22 (33) TW
 (43) 04.07.2024
 (72) Szu-Chang HUANG
 (74) AJ PARK

(71) Becton, Dickinson and Company
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 (21) 2024204051 (22) 14.06.2024
 (54) Extension housing a probe or intravenous catheter
 (51) Int. Cl.
A61M 25/01 (2006.01)
A61B 5/15 (2006.01)
A61B 5/153 (2006.01)
A61M 25/00 (2006.01)
A61M 25/06 (2006.01)
 (43) 04.07.2024
 (62) 2018303661
 (72) BURKHOLZ, Jonathan Karl; BIHLMAIER, Bryan; SPATARO, Joseph
 (74) FB Rice Pty Ltd

(71) Becton, Dickinson and Company
 (11) AU-A-2024204132
 (21) 2024204132 (22) 18.06.2024
 (54) Biological fluid micro-sample management device
 (51) Int. Cl.
A61B 5/15 (2006.01)
A61B 5/153 (2006.01)
 (43) 04.07.2024
 (62) 2019263068
 (72) EDELHAUSER, Adam
 (74) FB Rice Pty Ltd

(71) Beijing Jitai Pharmaceutical Technology Co., Ltd.; Hangzhou Jitai Pharmaceutical Technology Co., Ltd.
 (11) AU-A-2023203043
 (21) 2023203043 (22) 16.05.2023
 (54) Lipid-based topical injection formulations
 (51) Int. Cl.
A61K 9/127 (2006.01)
A61K 31/7105 (2006.01)
A61K 47/14 (2017.01)
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A61K 47/28 (2006.01)
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(74) FB Rice Pty Ltd

(71) Biogen MA Inc.
(11) AU-A-2024202423
(21) 2024202423 **(22)** 12.04.2024
(54) COMPOSITIONS FOR MODULATING SOD-1 EXPRESSION
(51) Int. Cl.
A61K 31/713 (2006.01)
A61K 48/00 (2006.01)
A61P 25/28 (2006.01)
C07H 21/02 (2006.01)
C07H 21/04 (2006.01)
C12N 15/11 (2006.01)
C12N 15/113 (2010.01)
C12Q 1/68 (2018.01)
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(72) Swayze, Eric E.; Cole, Tracy; Kor-dasiewicz, Holly; Freier, Susan M.; Con-don, Thomas P.; Wancewicz, Edward; Lockhart, Trisha; Vickers, Timothy; Singh, Priyam
(74) Pizeys Patent and Trade Mark Attor-neys Pty Ltd

(71) Bioniz Therapeutics, Inc.
(11) AU-A-2024203941
(21) 2024203941 **(22)** 11.06.2024
(54) STABLE MODULATORS OF GAMMA-C-CYTOKINE ACTIVITY
(51) Int. Cl.
C07K 7/50 (2006.01)
A61K 8/64 (2006.01)
A61K 38/00 (2006.01)
C07K 1/107 (2006.01)
C07K 1/113 (2006.01)
C07K 7/06 (2006.01)
C07K 7/08 (2006.01)
C07K 14/54 (2006.01)
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(43) 04.07.2024
(62) 2022209272
(72) Doerr, Nicholas; Al-Mawsawi, Laith Q.; Azimi, Nazli
(74) Davies Collison Cave Pty Ltd

(71) Boehringer Ingelheim International GmbH
(11) AU-A-2024203978
(21) 2024203978 **(22)** 12.06.2024
(54) Methods of treating inflammatory dis-eases
(51) Int. Cl.
C07K 16/24 (2006.01)
A61K 39/395 (2006.01)
A61P 17/06 (2006.01)
(43) 04.07.2024
(62) 2017250583
(72) BAUM, Patrick; FLACK, Mary Ruth; GALLER, Annette Bettina; LALOVIC, Bojan; MAINO, Kaori; PADULA, Steven

John; SCHOLL, Paul; SHA, Koji; VIS-VANATHAN, Sudha
(74) Spruson & Ferguson

(71) Boston Scientific Scimed, Inc.
(11) AU-A-2024204116
(21) 2024204116 **(22)** 17.06.2024
(54) Tissue traction devices, systems, and methods
(51) Int. Cl.
A61B 17/02 (2006.01)
A61B 17/08 (2006.01)
A61B 17/10 (2006.01)
A61B 17/128 (2006.01)
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(62) 2020398163
(72) LEE, Danny; UNGER, John; SLUTI, Anne; LALIBERTE, Kathleen M.; RIAZ, Talha; ANDREOTTI, Tracy; SIM, Routha; RODRIGUEZ SALAZAR, Juan C.; RIEDEL, Caroline; GARCIA-CORD-ERO, Jose L.; WALES, Ryan V.
(74) Spruson & Ferguson

(71) Britax Romer Kindersicherheit GmbH
(11) AU-A-2024204155
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(54) Child Safety Seat with Headrest Height Adjustment Mechanism
(51) Int. Cl.
B60N 2/28 (2006.01)
(43) 04.07.2024
(62) 2018226466
(72) Schmitz, Michael; Henseler, Richard
(74) K&L Gates

(71) CAAMTECH, INC.
(11) AU-A-2024204128
(21) 2024204128 **(22)** 18.06.2024
(54) Crystalline bufotenidine compounds
(51) Int. Cl.
A61K 31/4045 (2006.01)
A61P 3/10 (2006.01)
A61P 35/00 (2006.01)
(43) 04.07.2024
(62) 2022208661
(72) CHADEAYNE, Andrew R.
(74) Allens Patent & Trade Mark Attorneys

(71) CAAMTECH, INC.
(11) AU-A-2024204129
(21) 2024204129 **(22)** 18.06.2024
(54) Crystalline 5-methoxy-dipropyl tryptam-ine compounds
(51) Int. Cl.
A61K 31/4045 (2006.01)
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A61K 31/675 (2006.01)
(43) 04.07.2024
(62) 2022220590
(72) CHADEAYNE, Andrew
(74) Allens Patent & Trade Mark Attorneys

(71) CHEN, S.
(11) AU-A-2023278036
(21) 2023278036 **(22)** 06.12.2023

(54) SEESAW-TYPE HYDROELECTRIC POWER GENERATION DEVICE
(51) Int. Cl.
F03B 17/06 (2006.01)
F03G 7/08 (2006.01)
(31) 111147962 **(32)** 14.12.22 **(33)** TW
(43) 04.07.2024
(72) CHEN, Shih-Hsiung
(74) LESICAR MAYNARD ANDREWS PTY LTD

(71) CHEN, S.
(11) AU-A-2023278039
(21) 2023278039 **(22)** 06.12.2023
(54) IMITATED PIRATE SHIP TYPE HY-DROELECTRIC POWER GENERA-TION DEVICE
(51) Int. Cl.
F03B 17/06 (2006.01)
F03G 7/08 (2006.01)
(31) 111147960 **(32)** 14.12.22 **(33)** TW
(43) 04.07.2024
(72) CHEN, Shih-Hsiung
(74) LESICAR MAYNARD ANDREWS PTY LTD

(71) CMBlu Energy AG
(11) AU-A-2024204002
(21) 2024204002 **(22)** 13.06.2024
(54) Aminated lignin-derived compounds and uses thereof
(51) Int. Cl.
C07C 309/13 (2006.01)
C07C 50/24 (2006.01)
C07C 211/27 (2006.01)
C07C 309/44 (2006.01)
H01M 8/18 (2006.01)
(43) 04.07.2024
(62) 2019220364
(72) HARTWIG, Jan; KRAWCZYK, Nastaran; MÖLLER, Alexander; GEIGLE, Peter; LARIONOV, Evgeny
(74) Allens Patent & Trade Mark Attorneys

(71) Codagenix, Inc.; The USA, As Rep-resented By The Secretary, Dept. Of Health And Human Services
(11) AU-A-2024203948
(21) 2024203948 **(22)** 11.06.2024
(54) VACCINE CANDIDATES FOR HUMAN RESPIRATORY SYNCYTIAL VIRUS (RSV) HAVING ATTENUATED PHENO-TYPES
(51) Int. Cl.
C07K 14/08 (2006.01)
A61K 39/155 (2006.01)
C12N 7/04 (2006.01)
(43) 04.07.2024
(62) 2022256195
(72) Lenouen , Cyril; Buchholz , Ursula J.; Collins, Peter L.; Mueller, Steffen
(74) Madderns Pty Ltd

(71) Coulter Ventures, LLC
(11) AU-A-2024204081
(21) 2024204081 **(22)** 14.06.2024
(54) BARBELL

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A63B 21/072 (2006.01)
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 (62) 2020355227
 (72) GARCIA, Nicolas
 (74) Griffith Hack

(71) CSR Building Products Limited
 (11) AU-A-2024204072
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 (54) FORMWORK SYSTEM
 (51) Int. Cl.
E04G 11/00 (2006.01)
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 (43) 04.07.2024
 (62) 2018247206
 (72) DARWELL, STEPHEN W.
 (74) Griffith Hack

(71) Cybin IRL Limited
 (11) AU-A-2024203974
 (21) 2024203974 (22) 12.06.2024
 (54) Deuterated tryptamine derivatives and methods of use
 (51) Int. Cl.
C07D 209/16 (2006.01)
A61K 9/20 (2006.01)
A61K 31/4045 (2006.01)
A61K 31/675 (2006.01)
A61P 25/00 (2006.01)
C07F 9/572 (2006.01)
 (43) 04.07.2024
 (62) 2021276656
 (72) NIVOROZHKIN, Alex; PALFREYMAN, Michael
 (74) FPA Patent Attorneys Pty Ltd

(71) Daifuku Co., Ltd.
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 (21) 2023282295 (22) 15.12.2023
 (54) Self-driving device control system
 (51) Int. Cl.
G07C 9/10 (2020.01)
B60W 60/00 (2020.01)
G07C 9/00 (2020.01)
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 (31) 2022-203374 (32) 20.12.22 (33) JP
 (43) 04.07.2024
 (72) FURUYA, Haruhito
 (74) Davies Collison Cave Pty Ltd

(71) DAIKIN INDUSTRIES, LTD.
 (11) AU-A-2024204006
 (21) 2024204006 (22) 13.06.2024
 (54) Ventilation device and air-conditioning system
 (51) Int. Cl.
F24F 7/08 (2006.01)
F24F 1/02 (2019.01)
F24F 13/28 (2006.01)
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 (62) 2022356567
 (72) SAEKI, Kumiko; IYOSHI, Yuta; YAMANOI, Yoshiki; TAKAHASHI, Takashi; ODO, Tsunahiro; TSURUZONO, Shota
 (74) FB Rice Pty Ltd

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 (21) 2024204077

(71) Deere & Company
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 (54) Controlling image capture based on event timing during planting operation
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 (72) Rains, Gerald E.
 (74) Davies Collison Cave Pty Ltd

(71) Dematic Corp.
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 (54) Multiple temperature automated storage system and method
 (51) Int. Cl.
B65G 1/04 (2006.01)
B65G 1/137 (2006.01)
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 (72) BOER, William R.; HASMAN, Anthony W.
 (74) Griffith Hack

(71) DePuy Synthes Products, Inc.
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 (54) Surgical torque limiting locking cap
 (51) Int. Cl.
A61B 17/88 (2006.01)
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B25B 23/14 (2006.01)
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 (72) HEALEY, Richard; WATT, Philip; NELSON, Adam; GRECO, Steven
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 (11) AU-A-2023274254
 (21) 2023274254 (22) 05.12.2023
 (54) Initiation component of an LE-EFI initiation module
 (51) Int. Cl.
F42B 3/12 (2006.01)
 (31) 102022004814.0 (32) 20.12.22 (33) DE
 (43) 04.07.2024
 (72) KUGLER, Dietmar; MARX, Felicitas; SCHMITZ, Benjamin
 (74) Spruson & Ferguson

Disney Enterprises, Inc. see ETH Zürich (Eidgenössische Technische Hochschule Zürich)
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(71) Dispensing Technologies B.V.
 (11) AU-A-2024203922
 (21) 2024203922 (22) 07.06.2024
 (54) Improved pre-forms for flair applications
 (51) Int. Cl.
B29B 11/14 (2006.01)
B29C 49/06 (2006.01)
B29C 49/28 (2006.01)
 (43) 04.07.2024
 (62) 2022202303
 (72) MAAS, Wilhelmus Johannes Joseph; HURKMANS, Petrus Lambertus Wilhelmus; HALEVA, Aaron S.
 (74) Spruson & Ferguson

(71) Dyno Nobel Asia Pacific Pty Limited
 (11) AU-A-2024203979
 (21) 2024203979 (22) 12.06.2024
 (54) Explosive compositions for use in reactive ground and related methods
 (51) Int. Cl.
C06B 31/28 (2006.01)
C06B 31/06 (2006.01)
 (43) 04.07.2024
 (62) 2019207518
 (72) PETERSEN, Jade; MCPHAIL, Emma; GORE, Jeff
 (74) Spruson & Ferguson

(71) Ecolab USA Inc.
 (11) AU-A-2024204079
 (21) 2024204079 (22) 14.06.2024
 (54) Dry lubricator for plastic and stainless steel surfaces
 (51) Int. Cl.
C10M 169/00 (2006.01)
C10M 169/04 (2006.01)
 (43) 04.07.2024
 (62) 2022202777
 (72) MORALES ARRIAGA, Fabiola; TREVINO GARZA, Sara; OCHOA GUERRA, Jesus; MENDOZA SANTOS, Jaime
 (74) Spruson & Ferguson

(71) Eidos Therapeutics, Inc.
 (11) AU-A-2024204057
 (21) 2024204057 (22) 14.06.2024
 (54) Processes for preparing AG-10, its intermediates, and salts thereof
 (51) Int. Cl.
A61K 31/415 (2006.01)
A61P 13/12 (2006.01)
A61P 17/06 (2006.01)
 (43) 04.07.2024
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 (72) CHAND, Pooran; GUPTA, Yogesh Kumar; KUMAWAT, Rakesh Kumar; AL-

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(74) FPA Patent Attorneys Pty Ltd
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- (71)** Emerging Acquisitions, LLC
(11) AU-A-2023233185
(21) 2023233185 **(22)** 22.09.2023
(54) Autonomous data collection and system control for material recovery facilities
(51) Int. Cl.
B07B 13/18 (2006.01)
B07B 1/06 (2006.01)
B07C 5/08 (2006.01)
B07C 5/16 (2006.01)
B07C 5/20 (2006.01)
B07C 5/28 (2006.01)
B07C 5/342 (2006.01)
G01N 21/01 (2006.01)
G05B 13/02 (2006.01)
G05B 19/042 (2006.01)
(31) 18/082,358 **(32)** 15.12.22 **(33)** US
(43) 04.07.2024
(72) Parr, Christopher; Brooks, Thomas; Cole, James
(74) Davies Collison Cave Pty Ltd
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- (71)** Endotronix, Inc.
(11) AU-A-2024204109
(21) 2024204109 **(22)** 17.06.2024
(54) PHYSIOLOGICAL MONITORING SYSTEM
(51) Int. Cl.
A61B 5/00 (2006.01)
(43) 04.07.2024
(62) 2018304316
(72) NAGY, Michael; ROWLAND, Harry; JOHNSON, Ariel; QUAS, Brett
(74) Maxwells Patent & Trade Mark Attorneys Pty Ltd
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- (71)** ENERGERA INC.
(11) AU-A-2024204120
(21) 2024204120 **(22)** 17.06.2024
(54) Fuel delivery system and method
(51) Int. Cl.
B67D 7/78 (2010.01)
B65D 90/48 (2006.01)
B65D 90/54 (2006.01)
B67D 7/04 (2010.01)
B67D 7/08 (2010.01)
(43) 04.07.2024
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(72) Van Vliet, Scott M.; Van Vliet, J. Todd; Brotzel, Glen M.
(74) Ascot Martin Registered Patent & Trade Mark Attorneys
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(11) AU-A-2024204050
(21) 2024204050 **(22)** 14.06.2024
(54) Implantable vein frame
(51) Int. Cl.
A61F 2/86 (2013.01)
A61F 2/04 (2013.01)
A61F 2/06 (2013.01)
A61F 2/24 (2006.01)
A61F 2/82 (2013.01)
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- (43)** 04.07.2024
(62) 2022224694
(72) Glickman, Marc; Montoya, Susan I.; Zhivilo, Yury
(74) Griffith Hack
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- (71)** EpinovaTech AB
(11) AU-A-2024204149
(21) 2024204149 **(22)** 18.06.2024
(54) A MONOLITHIC MICROWAVE INTEGRATED CIRCUIT FRONT-END MODULE
(51) Int. Cl.
H01L 21/8258 (2006.01)
H01L 27/06 (2006.01)
H01L 27/085 (2006.01)
H03F 3/195 (2006.01)
H03F 3/24 (2006.01)
(43) 04.07.2024
(62) 2021220276
(72) OLSSON, Martin Andreas
(74) Michael Buck IP
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- (71)** Equifax Inc.
(11) AU-A-2024204085
(21) 2024204085 **(22)** 14.06.2024
(54) Facilitating entity resolution, keying, and search match without transmitting personally identifiable information in the clear
(51) Int. Cl.
G06F 16/23 (2019.01)
G06F 16/27 (2019.01)
(43) 04.07.2024
(62) 2019205341
(72) JONES, Gregory Dean; CYZIO, Marek Ludomir; WORRELL, Amy Michelle
(74) FB Rice Pty Ltd
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- (71)** Essity Hygiene and Health Aktiebolag
(11) AU-A-2024204011
(21) 2024204011 **(22)** 13.06.2024
(54) Waste bin and method of servicing the same
(51) Int. Cl.
B65F 1/02 (2006.01)
B65F 1/04 (2006.01)
B65F 1/06 (2006.01)
B65F 1/14 (2006.01)
(43) 04.07.2024
(62) 2019477491
(72) KLING, Robert; SVEDBERG, Agne
(74) Griffith Hack
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- (71)** ETH Zürich (Eidgenössische Technische Hochschule Zürich); Disney Enterprises, Inc.
(11) AU-A-2024204025
(21) 2024204025 **(22)** 13.06.2024
(54) Techniques for re-aging faces in images and video frames
(51) Int. Cl.
G06T 15/00 (2011.01)
G06N 20/00 (2019.01)
G06T 7/00 (2017.01)
G06T 11/00 (2006.01)
G06T 17/00 (2006.01)
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(72) ZOISS, Gaspard; EDWARD BRADLEY, Derek; CHANDRAN, Prashanth; FABIANO URNAU GOTARDO, Paulo; SIFAKIS, Eftychios
(74) FPA Patent Attorneys Pty Ltd
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- (71)** ETS Technology Holdings LLC
(11) AU-A-2024204076
(21) 2024204076 **(22)** 14.06.2024
(54) PROTECTIVE PACKAGING STRUCTURE FOR COMPRESSIBLE MATERIALS
(51) Int. Cl.
B65D 25/10 (2006.01)
A61F 2/00 (2006.01)
A61F 13/00 (2006.01)
A61L 27/00 (2006.01)
B65D 75/22 (2006.01)
B65D 85/07 (2017.01)
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(72) Jung, Steven B.
(74) Kings Patent & Trade Marks Attorneys Pty Ltd
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(11) AU-A-2024204020
(21) 2024204020 **(22)** 13.06.2024
(54) Process for the preparation of iloprost
(51) Int. Cl.
C07C 59/46 (2006.01)
C07C 69/608 (2006.01)
(43) 04.07.2024
(62) 2019256800
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(74) Griffith Hack
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- (71)** EVO Inventions LLC
(11) AU-A-2024203984
(21) 2024203984 **(22)** 12.06.2024
(54) Collapsible adjustable height table
(51) Int. Cl.
A47B 3/02 (2006.01)
A47B 3/00 (2006.01)
A47B 3/08 (2006.01)
A47B 9/00 (2006.01)
A47B 9/16 (2006.01)
D06F 81/00 (2006.01)
(43) 04.07.2024
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(74) FPA Patent Attorneys Pty Ltd
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- (71)** EXEL INDUSTRIES
(11) AU-A-2023278025
(21) 2023278025 **(22)** 06.12.2023
(54) Multiple nozzle holder for agricultural spray system

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A01M 7/00 (2006.01)
B05B 17/00 (2006.01)
(31) 2213888 (32) 19.12.22 (33) FR
(43) 04.07.2024
(72) PITAUD, Sylvain
(74) Alder IP Pty Ltd

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(21) 2024204016

(71) Eyepoint Pharmaceuticals, Inc
(11) AU-A-2024203955
(21) 2024203955 (22) 11.06.2024
(54) BIOERODIBLE DRUG DELIVERY DEVICES
(51) Int. Cl.
A61K 9/00 (2006.01)
A61K 9/28 (2006.01)
A61K 9/70 (2006.01)
(43) 04.07.2024
(62) 2018282874
(72) Guo, Hong; Chen, Jian
(74) WRAYS PTY LTD

(71) Fasteners for Retail, Inc.
(11) AU-A-2024203608
(21) 2024203608 (22) 29.05.2024
(54) RETAIL MERCHANDISE TRAY
(51) Int. Cl.
A47F 1/12 (2006.01)
A47F 5/00 (2006.01)
(43) 04.07.2024
(62) 2018375072
(72) NAGEL, Thomas O.
(74) Baxter Patent Attorneys Pty Ltd

(71) Fellowship of Orthopaedic Researchers, Inc.; Gomboc, LLC
(11) AU-A-2024204099
(21) 2024204099 (22) 17.06.2024
(54) Magnetic devices for altering loading across joints
(51) Int. Cl.
A61B 17/86 (2006.01)
(43) 04.07.2024
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(74) FB Rice Pty Ltd

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(11) AU-A-2024203930
(21) 2024203930 (22) 10.06.2024
(54) RESPIRATORY MASK SYSTEM
(51) Int. Cl.
A61M 16/06 (2006.01)
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(72) COLLINS, Janine Elizabeth; BETTERIDGE, Max Leon; KAPELEVICH, Vitaly
(74) AJ PARK

(71) Fisher & Paykel Healthcare Limited
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(21) 2024203949 (22) 11.06.2024
(54) NASAL CANNULA
(51) Int. Cl.
A61M 16/06 (2006.01)
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(72) Van Beurden, Jason; White, Craig Karl; Hobson, Nicholas Alexander; Korner, Steven Charles
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(21) 2024204001 (22) 13.06.2024
(54) INTRA-MOULD SUBSTRATE
(51) Int. Cl.
A61M 16/06 (2006.01)
A42B 3/08 (2006.01)
A62B 18/08 (2006.01)
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(62) 2022203147
(72) Felix, David Monroy; Kapelevich, Vitaly
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(54) LID CONSTRUCTION FOR BREATHING APPARATUS
(51) Int. Cl.
A61M 16/16 (2006.01)
B65D 43/16 (2006.01)
E05D 3/00 (2006.01)
E05D 7/10 (2006.01)
(43) 04.07.2024
(62) 2022200565
(72) Miller, Jeremy Livingston; Kat, Arjen David
(74) AJ PARK

(71) FISHER & PAYKEL HEALTHCARE LIMITED
(11) AU-A-2024204106
(21) 2024204106 (22) 17.06.2024
(54) A CONDUIT CONNECTOR ASSEMBLY OF A PATIENT INTERFACE, AN ANTI-ASPHYXIA VALVE FOR A CONDUIT CONNECTOR ASSEMBLY AND A CONNECTOR
(51) Int. Cl.
A61M 16/20 (2006.01)
A61M 16/06 (2006.01)
A61M 16/08 (2006.01)
(43) 04.07.2024
(62) 2018263267
(72) NELSON, Grant Leigh; CORAZZA, Carsten Ma On Wong; SCHEIRLINCK, Erik Robertus; LIM, Jae Yun
(74) AJ PARK

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(11) AU-A-2024204061
(21) 2024204061 (22) 14.06.2024

(54) PRESSURE RANGE ADJUSTMENT FOR RESPIRATORY THERAPY DEVICE
(51) Int. Cl.
A61M 16/00 (2006.01)
A61B 5/087 (2006.01)
(43) 04.07.2024
(62) 2022200397
(72) WHITING, David Robin; WYSOSKI, Simeil Gomes
(74) AJ PARK

(71) Flagship Pioneering, Inc.
(11) AU-A-2024203956
(21) 2024203956 (22) 11.06.2024
(54) Methods and compositions for modulating gene expression
(51) Int. Cl.
C12N 15/09 (2006.01)
C12N 15/11 (2006.01)
C12N 15/63 (2006.01)
C12N 15/90 (2006.01)
(43) 04.07.2024
(62) 2017324550
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(71) Fresenius Medical Care Holdings, Inc.
(11) AU-A-2024204014
(21) 2024204014 (22) 13.06.2024
(54) Systems and methods for determining patient hospitalization risk and treating patients
(51) Int. Cl.
G16H 50/30 (2018.01)
G16H 50/70 (2018.01)
(43) 04.07.2024
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(74) Davies Collison Cave Pty Ltd

(71) FuelCell Energy, Inc.; ExxonMobil Technology and Engineering Company
(11) AU-A-2024204016
(21) 2024204016 (22) 13.06.2024
(54) FUEL CELL MODULE ASSEMBLY AND SYSTEMS USING SAME
(51) Int. Cl.
H01M 8/04014 (2016.01)
H01M 8/2475 (2016.01)
H01M 8/2484 (2016.01)
H01M 8/249 (2016.01)
H01M 8/14 (2006.01)
(43) 04.07.2024
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(72) DAVIS, Keith E.; HERSHKOWITZ, Frank; HAN, Lu; SUTTON, Clay R.; RUBAS, Paul J.
(74) Allens Patent & Trade Mark Attorneys

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 (21) 2024204044 (22) 14.06.2024
 (54) Environmental impact management device
 (51) Int. Cl.
G06Q 30/0645 (2023.01)
 (43) 04.07.2024
 (62) 2022374188
 (72) MATSUMURA, Akihiko
 (74) Spruson & Ferguson

(71) Genisphere LLC
 (11) AU-A-2024202764
 (21) 2024202764 (22) 29.04.2024
 (54) Nucleic acid carriers and therapeutic methods of use
 (51) Int. Cl.
C12N 15/11 (2006.01)
A61K 49/00 (2006.01)
A61K 49/12 (2006.01)
C08G 83/00 (2006.01)
 (43) 04.07.2024
 (62) 2017221437
 (72) Getts, Robert C.; Kadushin, James M.; Getts, Lori
 (74) Davies Collison Cave Pty Ltd

(71) Gen-Probe Incorporated
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 (21) 2024204112 (22) 17.06.2024
 (54) Method of isolating nucleic acid from specimens in liquid-based cytology preservatives containing formaldehyde
 (51) Int. Cl.
C12P 19/34 (2006.01)
C07H 21/04 (2006.01)
 (43) 04.07.2024
 (62) 2021254645
 (72) WILSON, Timothy Joseph; KIRKCONNELL, Brett Wolfe; JENSEN, Deborah Christine
 (74) FB Rice Pty Ltd

(71) Geomni, Inc.
 (11) AU-A-2024204049
 (21) 2024204049 (22) 14.06.2024
 (54) Systems and methods for rapid alignment of digital imagery datasets to models of structures
 (51) Int. Cl.
G06T 7/30 (2017.01)
G06T 7/33 (2017.01)
G06T 7/38 (2017.01)
 (43) 04.07.2024
 (62) 2019212616
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 (74) Davies Collison Cave Pty Ltd

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(71) GITTENS PTY LTD
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 (54) A TROLLEY
 (51) Int. Cl.
B62B 1/00 (2006.01)
B62B 1/12 (2006.01)
B62B 5/00 (2006.01)
B63B 34/26 (2020.01)
 (31) 2022903887 (32) 18.12.22 (33) AU
 (43) 04.07.2024
 (72) GITTENS, Martyn
 (74) Stellar Law Pty Ltd

(71) Globberide, Inc.
 (11) AU-A-2024204053
 (21) 2024204053 (22) 14.06.2024
 (54) REEL SEAT
 (51) Int. Cl.
A01K 87/06 (2006.01)
 (43) 04.07.2024
 (62) 2022201598
 (72) AKIBA, Masaru
 (74) Griffith Hack

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 (21) 2024204099

(71) Google LLC
 (11) AU-A-2024204009
 (21) 2024204009 (22) 13.06.2024
 (54) COLLABORATIVE SEARCH SESSIONS THROUGH AN AUTOMATED ASSISTANT
 (51) Int. Cl.
G10L 15/00 (2013.01)
G06F 16/00 (2019.01)
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 (62) 2022268339
 (72) Sharifi, Matthew; Carbune, Victor
 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

(71) Greenworks (Jiangsu) Co., Ltd
 (11) AU-A-2023282200
 (21) 2023282200 (22) 12.12.2023
 (54) GARDEN TOOL AND METHOD FOR CONTROL GARDEN TOOL
 (51) Int. Cl.
A01D 34/00 (2006.01)
 (31) 202211641704.8 (32) 20.12.22 (33) CN
 202223423687.9 20.12.22 CN
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 (74) Madderns Pty Ltd

(71) Half Moon Medical, Inc.
 (11) AU-A-2024204015
 (21) 2024204015 (22) 13.06.2024
 (54) Prosthetic leaflet device
 (51) Int. Cl.
A61F 2/24 (2006.01)

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 (62) 2018324358
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 (74) FB Rice Pty Ltd

Hangzhou Jitai Pharmaceutical Technology Co., Ltd. see Beijing Jitai Pharmaceutical Technology Co., Ltd.
 (21) 2023203043

(71) HANWHA CORPORATION
 (11) AU-A-2023219943
 (21) 2023219943 (22) 07.07.2023
 (54) APPARATUS AND METHOD FOR CORRECTING COMMUNICATION FREQUENCY OF ELECTRONIC DETECTOR
 (51) Int. Cl.
F42C 19/00 (2006.01)
 (31) 10-2022-0177010 (32) 16.12.22 (33) KR
 (43) 04.07.2024
 (72) CHOI, Jeong Ho; KIM, Se Ho
 (74) WRAYS PTY LTD

(71) HANWHA CORPORATION
 (11) AU-A-2023226667
 (21) 2023226667 (22) 07.07.2023
 (54) Detonator connector having leg wire locking structure
 (51) Int. Cl.
F42D 1/04 (2006.01)
 (31) 10-2022-0174431 (32) 14.12.22 (33) KR
 (43) 04.07.2024
 (72) JANG, Woo Young
 (74) WRAYS PTY LTD

(71) Harpoon Therapeutics, Inc.
 (11) AU-A-2024202642
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 (54) Single chain variable fragment CD3 binding proteins
 (51) Int. Cl.
C07K 16/18 (2006.01)
A61K 39/395 (2006.01)
C07K 16/28 (2006.01)
 (43) 04.07.2024
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 (72) DUBRIDGE, Robert B.; SETO, Pui; AUSTIN, Richard J.; EVNIN, Luke; GUENOT, Jeanmarie; LEMON, Bryan D.
 (74) FB Rice Pty Ltd

(71) HiODZ Limited
 (11) AU-A-2024204118
 (21) 2024204118 (22) 17.06.2024
 (54) System for Collaborative Transactions
 (51) Int. Cl.
G06Q 30/00 (2023.01)
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 (62) 2022228105
 (72) RICHARDSON, Ric B.
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 (11) AU-A-2023222847
 (21) 2023222847 (22) 29.08.2023
 (54) A HOUSING FOR A SCATTERED LIGHT DETECTION UNIT OF A SMOKE DETECTION DEVICE
 (51) Int. Cl.
 G08B 17/107 (2006.01)
 H05K 7/14 (2006.01)
 H05K 7/20 (2006.01)
 (31) a202204859 (32) 19.12.22 (33) UA
 (43) 04.07.2024
 (72) Hlushchenko, Mykhailo; Maiorov, Volodymyr
 (74) Argon IP Advisory Pty Ltd

(71) HUNAN SINOBOOM INTELLIGENT EQUIPMENT CO., LTD.
 (11) AU-A-2022478675
 (21) 2022478675 (22) 29.12.2022
 (54) FLOATING CONTROL SYSTEM FOR FIXED DISPLACEMENT PUMP SYSTEM
 (51) Int. Cl.
 F15B 13/02 (2006.01)
 F15B 11/16 (2006.01)
 F15B 19/00 (2006.01)
 (31) 202211653209.9 (32) 19.12.22 (33) CN
 (43) 04.07.2024
 (72) LIU, Guoliang; DU, Changhui; ZHANG, Yuxiao; ZHAO, Junbo
 (74) Flint Intellectual Property Limited

(71) IGT
 (11) AU-A-2023270284
 (21) 2023270284 (22) 23.11.2023
 (54) FUNDING GAMING ESTABLISHMENT ACCOUNT WITH EXTERNAL ACCOUNT PAYMENT INSTRUMENT
 (51) Int. Cl.
 G06Q 50/34 (2012.01)
 G06Q 20/20 (2012.01)
 G06Q 20/34 (2012.01)
 (31) 18/081,380 (32) 14.12.22 (33) US
 (43) 04.07.2024
 (72) Jeffery Shepherd; Kevin Higgins
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) IGT
 (11) AU-A-2023270285
 (21) 2023270285 (22) 23.11.2023
 (54) ORCHESTRATING ACCOUNT SECURITY MEASURES BETWEEN GAMING ESTABLISHMENT ACCOUNT AND ASSOCIATED PAYMENT INSTRUMENT
 (51) Int. Cl.
 G06Q 20/42 (2012.01)
 G06Q 20/20 (2012.01)
 G06Q 20/30 (2012.01)
 G06Q 20/34 (2012.01)
 G06Q 20/40 (2012.01)
 G06Q 50/34 (2012.01)
 G07F 17/32 (2006.01)
 G07F 19/00 (2006.01)
 (31) 18/081,418 (32) 14.12.22 (33) US
 (43) 04.07.2024
 (72) Kevin Higgins; Jeffery Shepherd
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) IGT
 (11) AU-A-2024203935
 (21) 2024203935 (22) 11.06.2024
 (54) SYSTEM AND METHOD FOR PROVIDING A GAMING ESTABLISHMENT ACCOUNT PRE-APPROVED ACCESS TO FUNDS
 (51) Int. Cl.
 G06Q 40/06 (2012.01)
 G07F 17/32 (2006.01)
 (43) 04.07.2024
 (62) 2018211298
 (72) Higgins, Kevin; Shepherd, Jeffery
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) IGT
 (11) AU-A-2024203936
 (21) 2024203936 (22) 11.06.2024
 (54) SYSTEM AND METHOD FOR TRACKING FUNDS FROM A PLURALITY OF FUNDING SOURCES
 (51) Int. Cl.
 G06Q 50/34 (2012.01)
 G06Q 20/00 (2012.01)
 G06Q 90/00 (2006.01)
 G07F 17/32 (2006.01)
 (43) 04.07.2024
 (62) 2018211299
 (72) Higgins, Kevin; Shepherd, Jeffery
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) IGT
 (11) AU-A-2024204121
 (21) 2024204121 (22) 18.06.2024
 (54) SYSTEM AND METHOD FOR UTILIZING A MOBILE DEVICE TO FACILITATE FUND TRANSFERS BETWEEN A CASHLESS WAGERING ACCOUNT AND A GAMING ESTABLISHMENT RETAIL ACCOUNT
 (51) Int. Cl.
 G06Q 50/34 (2012.01)
 G06Q 20/36 (2012.01)
 (43) 04.07.2024
 (62) 2018211301
 (72) Higgins, Kevin; Shepherd, Jeffery
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) IGT
 (11) AU-A-2024204122
 (21) 2024204122 (22) 18.06.2024
 (54) SYSTEM AND METHOD FOR MANAGING PLAYER ACCOUNT ACCESS USING MULTIPLE DEVICES
 (51) Int. Cl.
 G07F 17/32 (2006.01)
 (43) 04.07.2024
 (62) 2018226447
 (72) Petersen, Erik; Nelson, Dwayne R.
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Infrabuild Wire Pty Ltd
 (11) AU-A-2024203937
 (21) 2024203937 (22) 11.06.2024
 (54) Strainer

(51) Int. Cl.
 E04H 17/26 (2006.01)
 B25B 25/00 (2006.01)
 E04H 17/02 (2006.01)
 (43) 04.07.2024
 (62) 2018274897
 (72) O'TOOLE, LAWRENCE; TAYLOR, BRADLEY
 (74) Griffith Hack

(71) Innovator Energy, LLC
 (11) AU-A-2024204078
 (21) 2024204078 (22) 14.06.2024
 (54) Fluid Displacement Systems
 (51) Int. Cl.
 B60V 1/04 (2006.01)
 B60V 3/06 (2006.01)
 B63B 1/02 (2006.01)
 B63B 1/38 (2006.01)
 B63B 59/04 (2006.01)
 F03B 13/06 (2006.01)
 (43) 04.07.2024
 (62) 2019266329
 (72) NOVEK, Ethan J.
 (74) WRAYS PTY LTD

(71) Institut National D'etudes Supérieures Agronomiques de Montpellier (Montpellier SupAgro); Institut national de recherche pour l'agriculture, l'alimentation et l'environnement; Danstar Ferment AG
 (11) AU-A-2024204077
 (21) 2024204077 (22) 14.06.2024
 (54) Compositions comprising yeast cells and polyphenols and their use
 (51) Int. Cl.
 A61K 36/87 (2006.01)
 A61K 36/064 (2006.01)
 (43) 04.07.2024
 (62) 2022201675
 (72) VERNHET, Aude; MEKOUÉ NGUELA, Julie; BRILLOUET, Jean-Marc; SIECZKOWSKI, Nathalie
 (74) Spruson & Ferguson

(71) Institut National de la Sante et de la Recherche Medicale; Alexion Pharmaceuticals, Inc.
 (11) AU-A-2024204130
 (21) 2024204130 (22) 18.06.2024
 (54) Methods for treating diseases associated with ciliopathies
 (51) Int. Cl.
 A61P 43/00 (2006.01)
 A61K 31/5575 (2006.01)
 G01N 33/00 (2006.01)
 (43) 04.07.2024
 (62) 2018347460
 (72) SAUNIER, Sophie; BRISENO-ROA, Luis; SIN-MONNOT, Soraya; ANNÉREAU, Jean-philippe; DELOUS, Marion; GARCIA, Hugo; DEL ANGEL, Guillermo; LEGENDRE, Flora
 (74) Davies Collison Cave Pty Ltd

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(71) Integrated DNA Technologies, Inc.
(11) AU-A-2024204029
(21) 2024204029 (22) 13.06.2024
(54) CRISPR/Cpf1 systems and methods
(51) Int. Cl.
C12N 9/22 (2006.01)
C12N 15/10 (2006.01)
C12N 15/113 (2010.01)
C12N 15/90 (2006.01)

(43) 04.07.2024
(62) 2017364084
(72) BEHLKE, Mark Aaron; COLLINGWOOD, Michael Allen; TURK, Rolf; VAKULSKAS, Christopher Anthony
(74) Spruson & Ferguson

(71) Interel Pte Ltd
(11) AU-A-2023282193
(21) 2023282193 (22) 12.12.2023
(54) Control system for the control of accesses in a room
(51) Int. Cl.
G06F 21/31 (2013.01)
E05B 47/00 (2006.01)
E05B 49/00 (2006.01)
G07C 9/00 (2020.01)

(31) 102022000025572 (32) 14.12.22 (33) IT
(43) 04.07.2024
(72) GALLINI, Stefano Francesco Florian
(74) FB Rice Pty Ltd

(71) International Business Machines Corporation
(11) AU-A-2024204082
(21) 2024204082 (22) 14.06.2024
(54) Quantum device facilitating a cross-resonance operation in a dispersive regime
(51) Int. Cl.
G06N 10/00 (2022.01)
G06N 10/40 (2022.01)

(43) 04.07.2024
(62) 2021343288
(72) GAMBETTA, Jay; CHOW, Jerry; MAGESAN, Easwar; KANDALA, Abhinav; MINEV, Zlatko
(74) Spruson & Ferguson

(71) International Business Machines Corporation
(11) AU-A-2024204083
(21) 2024204083 (22) 14.06.2024
(54) Current biased tunable qubit
(51) Int. Cl.
G06N 10/00 (2022.01)

(43) 04.07.2024
(62) 2021349118
(72) PHUNG, Timothy
(74) Spruson & Ferguson

(71) Itron, Inc
(11) AU-A-2023282236
(21) 2023282236 (22) 13.12.2023
(54) Forced forwarding addressing communications
(51) Int. Cl.
H04W 84/22 (2009.01)
H04W 84/18 (2009.01)

(31) 18/069,130 (32) 20.12.22 (33) US
(43) 04.07.2024
(72) BARNES, Keith Wayne; JAMIL, Imad; UHLING, Thomas F.
(74) Spruson & Ferguson

(71) Janssen Biotech, Inc.; Tufts Medical Center, Inc.
(11) AU-A-2024204056
(21) 2024204056 (22) 14.06.2024
(54) Anti-CD38 antibodies for treatment of light chain amyloidosis and other CD38-positive hematological malignancies
(51) Int. Cl.
A61P 37/06 (2006.01)
A61K 39/395 (2006.01)
C12N 15/13 (2006.01)

(43) 04.07.2024
(62) 2021202895
(72) DOSHI, Parul; SASSER, Amy; CHAULAGAIN, Chakra; COMENZO, Raymond; MA, Xun
(74) Spruson & Ferguson

(71) KACHE MEDIA HOLDINGS PTY LTD
(11) AU-A-2024204091
(21) 2024204091 (22) 14.06.2024
(54) METHOD AND SYSTEM FOR GENERATING A DIGITAL SPECIFICATION SHEET
(51) Int. Cl.
G06Q 10/10 (2023.01)
G06Q 30/02 (2023.01)

(43) 04.07.2024
(62) 2022399046
(72) GRAY, Sharon; MCLALLEN, Jesse
(74) Blackwattle IP

(71) Kidde Technologies Inc.
(11) AU-A-2023278094
(21) 2023278094 (22) 08.12.2023
(54) Battery fire suppression system
(51) Int. Cl.
A62C 3/16 (2006.01)
A62C 3/07 (2006.01)
A62C 35/13 (2006.01)
A62C 37/40 (2006.01)
A62D 1/00 (2006.01)

(31) 18/083,513 (32) 17.12.22 (33) US
(43) 04.07.2024
(72) Porterfield, John; Dunster, Robert; Rouse, Albert; Berns, Eugen
(74) Griffith Hack

(71) Kidde Technologies Inc.
(11) AU-A-2023278097
(21) 2023278097 (22) 08.12.2023
(54) Ducted gas detector
(51) Int. Cl.

A62C 3/07 (2006.01)
A62C 3/08 (2006.01)
A62C 35/13 (2006.01)
G08B 17/10 (2006.01)
(31) 18/083,512 (32) 17.12.22 (33) US
(43) 04.07.2024
(72) Porterfield, John; Rouse, Albert
(74) Griffith Hack

(71) Kidde Technologies Inc.
(11) AU-A-2023278098
(21) 2023278098 (22) 08.12.2023
(54) Lithium ion battery gas and optical detector
(51) Int. Cl.
A62C 3/07 (2006.01)
A62C 3/08 (2006.01)
A62C 35/13 (2006.01)
G08B 17/12 (2006.01)
G08B 21/16 (2006.01)
(31) 18/083,511 (32) 17.12.22 (33) US
(43) 04.07.2024
(72) Porterfield, John; Dunster, Robert; Rouse, Albert; Lewis, John; Stein, Barret
(74) Griffith Hack

(71) Kidde Technologies Inc.
(11) AU-A-2023278099
(21) 2023278099 (22) 08.12.2023
(54) Battery outgassing detector
(51) Int. Cl.
G01R 31/392 (2019.01)
A62C 3/07 (2006.01)
G01R 31/378 (2019.01)
G01R 31/385 (2019.01)
G08B 17/10 (2006.01)
G08B 21/16 (2006.01)
(31) 18/083,510 (32) 17.12.22 (33) US
(43) 04.07.2024
(72) Porterfield, John; Dunster, Robert; Rouse, Albert; Lewis, John; Stein, Barret
(74) Griffith Hack

(71) Kidde Technologies Inc.
(11) AU-A-2023278118
(21) 2023278118 (22) 08.12.2023
(54) Emergency fire suppression system
(51) Int. Cl.
A62C 3/16 (2006.01)
A62C 3/07 (2006.01)
A62C 35/13 (2006.01)
A62C 37/40 (2006.01)
A62D 1/00 (2006.01)
(31) 18/083,514 (32) 17.12.22 (33) US
(43) 04.07.2024
(72) Porterfield, John; Dunster, Robert; Rouse, Albert; Berns, Eugen
(74) Griffith Hack

(71) Komatsu Ltd.
(11) AU-A-2024204117
(21) 2024204117 (22) 17.06.2024
(54) Unmanned vehicle control system, unmanned vehicle, and unmanned vehicle control method

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G05D 1/43 (2024.01)
G01C 21/34 (2006.01)
G08G 1/00 (2006.01)
G08G 1/09 (2006.01)
G08G 1/16 (2006.01)
(43) 04.07.2024
(62) 2021291475
(72) OSAGAWA, Kenta; YAMADA, Yasuyuki
(74) Spruson & Ferguson
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- (71) Laminex Group Pty Limited
(11) AU-A-2023282282
(21) 2023282282 (22) 14.12.2023
(54) Coated Panel
(51) Int. Cl.
E04C 2/16 (2006.01)
B32B 3/30 (2006.01)
B32B 21/02 (2006.01)
B32B 21/06 (2006.01)
E04C 2/24 (2006.01)
E04B 1/66 (2006.01)
(31) 2022903860 (32) 15.12.22 (33) AU
(43) 04.07.2024
(72) Polley, Alex; Agustin, Jan Aldrich; Abaricia, Emmanuel Jay; Knight, Christopher Donald
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71) Laminex Group Pty Limited
(11) AU-A-2023282297
(21) 2023282297 (22) 15.12.2023
(54) JOINING MEANS AND SYSTEM FOR PANELLING
(51) Int. Cl.
E04F 15/02 (2006.01)
E04F 13/08 (2006.01)
(31) 2022903858 (32) 15.12.22 (33) AU
(43) 04.07.2024
(72) de Marco, Rosanna; Moulton, Natasha; Tracey, David; Harrison, Peter; Mercer, Dale Robert
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71) Leader Capital Asset Management (Cayman) Limited
(11) AU-A-2022287651
(21) 2022287651 (22) 16.12.2022
(54) Server Hosting System
(51) Int. Cl.
G06Q 30/0251 (2023.01)
G06F 9/54 (2006.01)
G06F 16/957 (2019.01)
(43) 04.07.2024
(72) LIN, YI-HSIU
(74) ALDRICH PROJECTS PTY LTD
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- (71) LEE, C.
(11) AU-A-2023266242
(21) 2023266242 (22) 14.11.2023
(54) VIBRATION MODULE EQUIPPED WITH SECTION-TYPE VIBRATION PLATES USING MAGNETIC FORCE
(51) Int. Cl.
A61H 23/02 (2006.01)
A43B 7/32 (2006.01)
H01F 7/02 (2006.01)
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- (31) 10-2022-0178837 (32) 20.12.22 (33) KR
(43) 04.07.2024
(72) Cheonggeun LEE
(74) Acacia Law
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- (71) Leica Geosystems Technology A/S
(11) AU-A-2023278037
(21) 2023278037 (22) 06.12.2023
(54) Controlling an excavation operation based on load sensing
(51) Int. Cl.
E02F 9/26 (2006.01)
(31) 22215077.3 (32) 20.12.22 (33) EP
(43) 04.07.2024
(72) Kean, Michael Goulet; Kanaan, Adnan; Costello, Sean; Kauppinen, Tommi Juhani
(74) Integrated IP
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- (71) LG Electronics Inc.
(11) AU-A-2023282311
(21) 2023282311 (22) 15.12.2023
(54) Refrigerator
(51) Int. Cl.
F25D 23/04 (2006.01)
F25D 11/00 (2006.01)
F25D 17/08 (2006.01)
(31) 10-2022-0177597 (32) 16.12.22 (33) KR
10-2023-0175979 06.12.23 KR
(43) 04.07.2024
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(74) FB Rice Pty Ltd
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- (71) LG Electronics Inc.
(11) AU-A-2024204090
(21) 2024204090 (22) 14.06.2024
(54) Clothes treatment apparatus
(51) Int. Cl.
D06F 71/36 (2006.01)
D06F 58/10 (2006.01)
D06F 71/29 (2006.01)
D06F 71/40 (2006.01)
(43) 04.07.2024
(62) 2020331355
(72) PARK, Sunghoo; NAM, Wansik; PARK, Jaehyoung; KIM, Chaewon
(74) FB Rice Pty Ltd
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- (71) LG Electronics Inc.
(11) AU-A-2024204100
(21) 2024204100 (22) 17.06.2024
(54) IMAGE DECODING METHOD USING BDPCM AND APPARATUS THEREOF
(51) Int. Cl.
H04N 19/573 (2014.01)
H04N 19/132 (2014.01)
H04N 19/176 (2014.01)
H04N 19/186 (2014.01)
H04N 19/70 (2014.01)
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- (43) 04.07.2024
(62) 2020420364
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(74) Dentons Patent Attorneys Australasia Limited
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- (71) Light Bio, Inc
(11) AU-A-2024203378
(21) 2024203378 (22) 21.05.2024
(54) Novel luciferases and methods for using same
(51) Int. Cl.
C12N 9/02 (2006.01)
C07K 14/00 (2006.01)
C07K 16/40 (2006.01)
C12N 15/53 (2006.01)
C12N 15/79 (2006.01)
C12Q 1/66 (2006.01)
C12Q 1/68 (2018.01)
(43) 04.07.2024
(62) 2017395644
(72) YAMPOL'SKY, Il'ya Viktorovich
(74) FB Rice Pty Ltd
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- (71) Linhai Weihong Christmas Lighting Co., Ltd.
(11) AU-A-2023200663
(21) 2023200663 (22) 08.02.2023
(54) THREE-WIRE FOUR-WAY LED LAMP STRING
(51) Int. Cl.
H05B 45/42 (2020.01)
F21K 9/20 (2016.01)
F21S 4/10 (2016.01)
F21S 10/06 (2006.01)
F21V 15/00 (2015.01)
F21V 19/04 (2006.01)
F21Y 103/10 (2016.01)
(31) 2022233910544 (32) 18.12.22 (33) CN
(43) 04.07.2024
(72) Qu, Weiwei
(74) Madderns Pty Ltd
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- (71) Lockheed Martin Corporation
(11) AU-A-2023263505
(21) 2023263505 (22) 09.11.2023
(54) PI-SHAPED PREFORM AND BONDED JOINTS THEREOF
(51) Int. Cl.
B29C 70/02 (2006.01)
B32B 1/00 (2006.01)
B32B 5/12 (2006.01)
B64C 1/12 (2006.01)
(31) 18/065,850 (32) 14.12.22 (33) US
(43) 04.07.2024
(72) ROBERT WARNER KOON; FELIX NHANCHAU NGUYEN; DANIEL H. HECHT; CARL Q. ROUSSEAU
(74) RnB IP Pty Ltd
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- (71) Lone Gull Holdings, Ltd.
(11) AU-A-2024203973
(21) 2024203973 (22) 12.06.2024
(54) Self-powered computing buoy
(51) Int. Cl.

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H02J 4/00 (2006.01)
(43) 04.07.2024
(62) 2022209252
(72) Moffat, Brian Lee; Sheldon-Coulson, Garth
(74) Pearce IP Pty Ltd
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(11) AU-A-2024203967
(21) 2024203967 **(22)** 11.06.2024
(54) Macrocyclic ligands with pendant chelating moieties and complexes thereof
(51) Int. Cl.
C07D 401/14 (2006.01)
C07D 471/22 (2006.01)
G01N 21/76 (2006.01)
(43) 04.07.2024
(62) 2022252848
(72) Tatum, David; Xu, Jide; Magda, Darren; Butlin, Nathaniel
(74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd
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- Maierov, V. see Hlushchenko, M.**
(21) 2023222847
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- (71)** Manitou Italia S.r.l.
(11) AU-A-2023278108
(21) 2023278108 **(22)** 08.12.2023
(54) Adjustable fork for heavy loads
(51) Int. Cl.
B66F 9/12 (2006.01)
B66F 9/22 (2006.01)
(31) 102022000026055 **(32)** 20.12.22 **(33)** IT
(43) 04.07.2024
(72) IOTTI, Marco
(74) Spruson & Ferguson
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- (71)** MannKind Corporation
(11) AU-A-2024204126
(21) 2024204126 **(22)** 18.06.2024
(54) Apparatus, system and method for detecting and monitoring inhalations
(51) Int. Cl.
A61M 15/00 (2006.01)
(43) 04.07.2024
(62) 2022203725
(72) POCREVA III, John J.; ADAMO, Benoit; LAURENZI, Brendan; SMUTNEY, Chad C.; KINSEY, P. Spencer
(74) FPA Patent Attorneys Pty Ltd
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- (71)** MasterCard International Incorporated
(11) AU-A-2024204110
(21) 2024204110 **(22)** 17.06.2024
(54) Method and system for improved transaction processing and routing
(51) Int. Cl.
G06Q 20/08 (2012.01)
G06Q 20/32 (2012.01)
G06Q 20/38 (2012.01)
G06Q 20/40 (2012.01)
(43) 04.07.2024
(62) 2020223728
(72) Narwal, Rajesh; Fairman, David; Robbins, Paul; Liang, Meina; Schneider, Amy; Chavez, Carlos; Herl, Carina;
(74) Davies Collison Cave Pty Ltd
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- (71)** MatSing, Inc.
(11) AU-A-2024204086
(21) 2024204086 **(22)** 14.06.2024
(54) Anisotropic lenses for remote parameter adjustment
(51) Int. Cl.
H01Q 15/02 (2006.01)
H01Q 1/28 (2006.01)
(43) 04.07.2024
(62) 2020367815
(72) MATITSINE, Serguei; TIMOFEEV, Igor; MATYTSINE, Leonid
(74) Davies Collison Cave Pty Ltd
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- (71)** Maytronics Ltd.
(11) AU-A-2023285746
(21) 2023285746 **(22)** 19.12.2023
(54) Prediction of water parameters based on multivariate regression trees estimation
(51) Int. Cl.
G06N 3/082 (2023.01)
G06N 20/00 (2019.01)
(31) 299281 **(32)** 19.12.22 **(33)** IL
(43) 04.07.2024
(72) AMIT, Bar; DUVDEVANI, Adva; GUPTA, Vishal
(74) FB Rice Pty Ltd
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- (71)** MedImmune Limited
(11) AU-A-2024203898
(21) 2024203898 **(22)** 07.06.2024
(54) ANTI-B7-H1 ANTIBODIES FOR TREATING TUMORS
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C07K 16/30 (2006.01)
(43) 04.07.2024
(62) 2020223728
(72) Narwal, Rajesh; Fairman, David; Robbins, Paul; Liang, Meina; Schneider, Amy; Chavez, Carlos; Herl, Carina;
(74) Davies Collison Cave Pty Ltd
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(74) PHILLIPS ORMONDE FITZPATRICK
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- (71)** MERISTEM CROP PERFORMANCE GROUP, LLC
(11) AU-A-2023375285
(21) 2023375285 **(22)** 20.12.2023
(54) TANK MIX ADJUVANT SYSTEM FOR SPORE FORMING AND NONSPORE FORMING BACTERIA FOR RESIDUE BREAKDOWN
(51) Int. Cl.
C05F 17/20 (2020.01)
C05C 3/00 (2006.01)
C05F 11/08 (2006.01)
C05G 1/00 (2006.01)
C05G 3/00 (2020.01)
C05G 3/50 (2020.01)
(31) 63/434,376 **(32)** 21.12.22 **(33)** US
(43) 04.07.2024
(72) LOVELESS, Lucas; FIENE, Larry; GEDNALSKE, Joe; HASCHEMEYER, Brian
(74) Michael Buck IP
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- (71)** Metso Brasil Indústria e Comércio Ltda.
(11) AU-A-2024203986
(21) 2024203986 **(22)** 12.06.2024
(54) A VIBRATING SCREEN
(51) Int. Cl.
B07B 1/34 (2006.01)
B07B 1/28 (2006.01)
B07B 1/36 (2006.01)
B07B 1/44 (2006.01)
B07B 1/49 (2006.01)
B07B 1/50 (2006.01)
(43) 04.07.2024
(62) 2018382236
(72) KATO, Sadao; REZENDE JR., Fausto; OGAWA, Ricardo Maerschner
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
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- (71)** Mitsubishi Tanabe Pharma Corporation
(11) AU-A-2024203990
(21) 2024203990 **(22)** 12.06.2024
(54) Prophylactic or therapeutic agent for photodermatitis
(51) Int. Cl.
A61K 31/454 (2006.01)
A61P 17/00 (2006.01)
A61P 37/08 (2006.01)
C07D 401/14 (2006.01)
(43) 04.07.2024
(62) 2021289054
(72) SUZUKI, Tsuyoshi; KONDO, Masahiro; KAWANO, Yuko; MATSUMOTO, Atsushi
(74) Spruson & Ferguson
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- (71)** Mitsubishi Tanabe Pharma Corporation
(11) AU-A-2024203992
(21) 2024203992 **(22)** 12.06.2024

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(54) Prophylactic or therapeutic agent for porphyria
 (51) Int. Cl.
A61K 31/4545 (2006.01)
A61P 7/00 (2006.01)
A61P 17/00 (2006.01)
A61P 43/00 (2006.01)
C07D 401/14 (2006.01)
 (43) 04.07.2024
 (62) 2021289913
 (72) SUZUKI, Tsuyoshi; KONDO, Masahiro; TAKAHASHI, Fumihito; OGASAWARA, Akihito; HYODOU, Kazumi
 (74) Spruson & Ferguson

(71) Modular Mining Systems, Inc.
 (11) AU-A-2024203952
 (21) 2024203952 (22) 11.06.2024
 (54) VEHICLE SLIDE DETECTION
 (51) Int. Cl.
B60T 8/172 (2006.01)
B60T 8/1755 (2006.01)
B60W 30/02 (2012.01)
B60W 40/10 (2012.01)
B60W 40/101 (2012.01)
B60W 40/103 (2012.01)
 (43) 04.07.2024
 (62) 2018225666
 (72) Utter, Christopher J.; Casson, William M.; Branscombe, Edward A.
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) MonoSol, LLC
 (11) AU-A-2024204084
 (21) 2024204084 (22) 14.06.2024
 (54) Multilayer water-dispersible articles
 (51) Int. Cl.
C08J 7/04 (2020.01)
B32B 9/04 (2006.01)
B32B 27/08 (2006.01)
B32B 27/30 (2006.01)
B65D 65/46 (2006.01)
C08J 5/18 (2006.01)
C08J 7/048 (2020.01)
C11D 17/04 (2006.01)
 (43) 04.07.2024
 (62) 2020371791
 (72) KNIGHT, Jonathon; GOETZ, Richard; ROMINE, Jason; NISHIMI, Akio
 (74) Spruson & Ferguson

(71) MPO, Inc.
 (11) AU-A-2024204031
 (21) 2024204031 (22) 13.06.2024
 (54) Egg, fertilized egg, or embryo quality improving agent
 (51) Int. Cl.
A61K 39/395 (2006.01)
A61K 45/00 (2006.01)
A61P 15/00 (2006.01)
C12N 5/0735 (2010.01)
C12N 5/075 (2010.01)
C12Q 1/02 (2006.01)
G01N 33/68 (2006.01)

(43) 04.07.2024
 (62) 2017330741
 (72) KAWAMURA, Kazuhiro; KAWAGOE, Yuta
 (74) Spruson & Ferguson

(71) Muffett, R.
 (11) AU-A-2024204036
 (21) 2024204036 (22) 13.06.2024
 (54) Absorption of Atmospheric Carbon Dioxide
 (51) Int. Cl.
B01D 53/62 (2006.01)
A01G 15/00 (2006.01)
C01B 32/50 (2017.01)

(43) 04.07.2024
 (62) 2022203885
 (72) MUFFETT, RUTH; DOUGLAS, DELWYN
 (74) Griffith Hack

(71) NANOGRID LIMITED. (HK)
 (11) AU-A-2024203997
 (21) 2024203997 (22) 13.06.2024
 (54) SYSTEMS AND METHODS FOR CONNECTING AND CONTROLLING CONFIGURABLE LIGHTING UNITS
 (51) Int. Cl.
F21S 2/00 (2016.01)
F21V 17/00 (2006.01)
F21V 17/10 (2006.01)
H05B 45/00 (2022.01)

(43) 04.07.2024
 (62) 2022204317
 (72) RODINGER, Tomas; ESKI, Aliakbar Juzer; CHOW, Henry; SADR, Arash; OHRN, John Anders; CHU, Gimmy
 (74) Oxygene IP

(71) NAVICO, INC.
 (11) AU-A-2023263507
 (21) 2023263507 (22) 09.11.2023
 (54) BEAMFORMING SONAR SYSTEMS FOR SIDE LIVE SONAR, AND ASSOCIATED METHODS
 (51) Int. Cl.
G01S 15/89 (2006.01)
G01S 7/493 (2006.01)
 (31) 18/065,774 (32) 14.12.22 (33) US
 (43) 04.07.2024
 (72) Alan Lee PROCTOR; Jeremiah D. CLARK; Dustyn P. PENDERGRAFT
 (74) AJ PARK

(71) nevernot GmbH
 (11) AU-A-2023210608
 (21) 2023210608 (22) 03.08.2023
 (54) Soft tampon, soft tampon assembly, method of packing a soft tampon, and vacuum-packed soft tampon assembly
 (51) Int. Cl.
A61F 13/20 (2006.01)
A61F 13/34 (2006.01)
A61F 13/551 (2006.01)
 (31) 10 2022 133 336.1 (32) 14.12.22 (33) DE

(43) 04.07.2024
 (72) KÖSSEL, Anna; TREBITSCH, Katharina
 (74) Spruson & Ferguson

(71) Ningbo Xingwei Cutting-Tools Technology Co., Ltd.
 (11) AU-A-2023201800
 (21) 2023201800 (22) 22.03.2023
 (54) MULTIFUNCTIONAL CUTTER
 (51) Int. Cl.
B26B 1/08 (2006.01)
B26B 5/00 (2006.01)
B26B 29/02 (2006.01)
 (31) 202211633756.0 (32) 19.12.22 (33) CN
 (43) 04.07.2024
 (72) Du, Jianfu; Pan, Mingxiang; Yao, Qi
 (74) Madderns Pty Ltd

(71) Nooter/Eriksen, Inc.
 (11) AU-A-2024204150
 (21) 2024204150 (22) 18.06.2024
 (54) Improved omega-3 containing compositions
 (51) Int. Cl.
C11B 1/04 (2006.01)
A23L 29/256 (2016.01)
A61K 8/68 (2006.01)
A61K 36/05 (2006.01)
 (43) 04.07.2024
 (62) 2020477490
 (72) GOODALL, Brian L.; KUKLEV, Dmitry; BOSTICK, Glen L.
 (74) Spruson & Ferguson

(71) Nordco Inc.
 (11) AU-A-2023274079
 (21) 2023274079 (22) 28.11.2023
 (54) ROUTE MAINTENANCE SYSTEM AND METHOD
 (51) Int. Cl.
E01B 29/26 (2006.01)
E01B 27/11 (2006.01)
E01B 27/16 (2006.01)
 (31) 18/084,042 (32) 19.12.22 (33) US
 (43) 04.07.2024
 (72) Allan Irion; William D. Straub; Bruce Michael Boczkiewicz; Justin Jerome Pipol; Kyle Matthew Neubauer; Nichalos Lee Schultz; Jim Boyd
 (74) K&L Gates

(71) Nunhems B.V.
 (11) AU-A-2023285736
 (21) 2023285736 (22) 19.12.2023
 (54) Tomato variety NUN 08801 TOF
 (51) Int. Cl.
A01H 6/82 (2018.01)
A01H 1/04 (2006.01)
A01H 5/08 (2018.01)
 (31) 63/476,311 (32) 20.12.22 (33) US
 (43) 04.07.2024
 (72) Wanten, Pascal
 (74) Davies Collison Cave Pty Ltd

Applications Open to Public Inspection - Name Index cont'd

(71) Nunhems B.V.
 (11) AU-A-2023285743
 (21) 2023285743 (22) 19.12.2023
 (54) Tomato variety NUN 09399 TOF
 (51) Int. Cl.
A01H 6/82 (2018.01)
A01H 1/04 (2006.01)
A01H 5/08 (2018.01)
A01H 5/10 (2018.01)
 (31) 63/476,311 (32) 20.12.22 (33) US
 (43) 04.07.2024
 (72) Wanten, Pascal
 (74) Davies Collison Cave Pty Ltd

(71) Nunhems B.V.
 (11) AU-A-2023285847
 (21) 2023285847 (22) 21.12.2023
 (54) Lettuce variety NUN 06304 LTL
 (51) Int. Cl.
A01H 6/14 (2018.01)
A01H 1/02 (2006.01)
A01H 1/04 (2006.01)
A01H 5/10 (2018.01)
A01H 5/12 (2018.01)
 (31) 63/476,360 (32) 20.12.22 (33) US
 (43) 04.07.2024
 (72) Munoz Munoz, Juan Francisco
 (74) Davies Collison Cave Pty Ltd

(71) Nuseed Global Innovation Ltd.
 (11) AU-A-2024204021
 (21) 2024204021 (22) 13.06.2024
 (54) Methods of agricultural production of Brassica carinata oilseed crop
 (51) Int. Cl.
A01G 7/00 (2006.01)
A01H 6/20 (2018.01)
A23K 10/30 (2016.01)
B01D 53/62 (2006.01)
B01D 53/84 (2006.01)
C05F 3/00 (2006.01)
C10G 3/00 (2006.01)
 (43) 04.07.2024
 (62) 2018329245
 (72) FABIJANSKI, Steven; LINDENBAUM, Michael; BENALI, Mejda
 (74) FB Rice Pty Ltd

(71) PANGANG GROUP PANZHUIHUA IRON & STEEL RESEARCH INSTITUTE CO., LTD.; PANGANG GROUP PANZHUIHUA STEEL & VANADIUM CO., LTD.
 (11) AU-A-2023216728
 (21) 2023216728 (22) 15.05.2023
 (54) Method for producing bainite frog steel with large compression ratio
 (51) Int. Cl.
C21D 1/00 (2006.01)
 (31) 202211616354.X (32) 15.12.22 (33) CN
 (43) 04.07.2024
 (72) YUAN, Jun; WANG, Daiwen; YANG, Dawei; LI, Ruoxi
 (74) FB Rice Pty Ltd

PANGANG GROUP PANZHUIHUA STEEL & VANADIUM CO., LTD. see PANGANG

GROUP PANZHUIHUA IRON & STEEL RESEARCH INSTITUTE CO., LTD.
 (21) 2023216728

(71) PepsiCo, Inc.
 (11) AU-A-2024204067
 (21) 2024204067 (22) 14.06.2024
 (54) Compositions and methods for improving taste of non-nutritive sweeteners
 (51) Int. Cl.
A23L 2/60 (2006.01)
A23G 3/00 (2006.01)
A23L 27/30 (2016.01)
C07H 1/00 (2006.01)
C07H 5/02 (2006.01)
C07K 5/075 (2006.01)
 (43) 04.07.2024
 (62) 2022203917
 (72) Browne, Damian; Johnson, Winsome
 (74) Allens Patent & Trade Mark Attorneys

(71) PipeFusion CIPP Corporation
 (11) AU-A-2024204145
 (21) 2024204145 (22) 18.06.2024
 (54) CURABLE COMPOSITION FOR CURED IN PLACE PIPES
 (51) Int. Cl.
C08G 59/68 (2006.01)
 (43) 04.07.2024
 (62) 2018440151
 (72) NAWRACAJ, Richard E.; URBIETA, Gabriel; DEJESUS, Radames
 (74) Michael Buck IP

(71) Polyplastic Groep B.V.
 (11) AU-A-2024203946
 (21) 2024203946 (22) 11.06.2024
 (54) MOBILE ACCOMODATION, CASING FRAME AND FASTENING CLIP
 (51) Int. Cl.
B60J 1/00 (2006.01)
F16B 2/12 (2006.01)
F16B 2/22 (2006.01)
F16B 2/24 (2006.01)
 (43) 04.07.2024
 (62) 2018266414
 (72) Veeneman, Jan Peter
 (74) LESICAR MAYNARD ANDREWS PTY LTD

(71) Proda Biotech LLC; Georgia State University Research Foundation, Inc.
 (11) AU-A-2024203940
 (21) 2024203940 (22) 11.06.2024
 (54) Integrin-targeting protein and methods of use thereof
 (51) Int. Cl.
C07K 14/705 (2006.01)
A61K 38/17 (2006.01)
C12N 15/12 (2006.01)
 (43) 04.07.2024
 (62) 2020280987
 (72) Liu, Zhi-Ren; Yang, Jenny; Turaga, Chakra Ravi
 (74) Michael Buck IP

(71) Progressive IP Limited
 (11) AU-A-2024203980
 (21) 2024203980 (22) 12.06.2024
 (54) Improvements In and Relating to Blade and Powered Accessory Attachments
 (51) Int. Cl.
E02F 3/80 (2006.01)
E02F 3/76 (2006.01)
E02F 3/815 (2006.01)
E02F 3/84 (2006.01)
 (43) 04.07.2024
 (62) 2019229417
 (72) Sharp, Rodney Warwick
 (74) Antonia Luz Ines SIMS

(71) PROGRESS RAIL SERVICES CORPORATION
 (11) AU-A-2023270307
 (21) 2023270307 (22) 23.11.2023
 (54) HYBRID CONSIST TRACTIVE EFFORT MANAGEMENT
 (51) Int. Cl.
G06F 30/27 (2020.01)
B60W 10/04 (2006.01)
B60W 10/18 (2012.01)
 (31) 18/081003 (32) 14.12.22 (33) US
 (43) 04.07.2024
 (72) Keith Wesley WAIT; Sidarta Fornari BELTRAMIN
 (74) FPA Patent Attorneys Pty Ltd

(71) Prysmian S.p.A.
 (11) AU-A-2023285705
 (21) 2023285705 (22) 18.12.2023
 (54) Optical cable for blown installation
 (51) Int. Cl.
G02B 6/44 (2006.01)
G02B 6/52 (2006.01)
 (31) 102022000026130 (32) 20.12.22 (33) IT
 (43) 04.07.2024
 (72) Sutehall, Ralph; Santamaria, Susanna; Lucas, George Stephen
 (74) Davies Collison Cave Pty Ltd

(71) RAYTHEON BBN TECHNOLOGIES, CORP.
 (11) AU-A-2023266249
 (21) 2023266249 (22) 14.11.2023
 (54) IMPROVED SIMULTANEOUS TRANSMIT SIGNALS AND RECEIVE SIGNALS
 (51) Int. Cl.
H04B 17/391 (2015.01)
H04B 7/0452 (2017.01)
H04B 17/309 (2015.01)
H04B 17/345 (2015.01)
H04L 25/03 (2006.01)
 (31) 63/433,200 (32) 16.12.22 (33) US
 (43) 04.07.2024
 (72) Neil Judell
 (74) RnB IP Pty Ltd

(71) Regeneron Pharmaceuticals, Inc.; Sanofi Biotechnology
 (11) AU-A-2024203951
 (21) 2024203951 (22) 11.06.2024

Applications Open to Public Inspection - Name Index cont'd

(54) Methods for treating severe atopic dermatitis by administering an IL-4R inhibitor

(51) Int. Cl.
A61K 38/00 (2006.01)
A61P 17/00 (2006.01)

(43) 04.07.2024
 (62) 2017332732
 (72) Radin, Allen; Graham, Neil; Akinlade, Bolanle; Pirozzi, Gianluca; Sun, Xing; Hultsch, Thomas; Shumel, Brad S.; Bansal, Ashish
 (74) Griffith Hack

(71) Regeneron Pharmaceuticals, Inc.
 (11) AU-A-2024204125
 (21) 2024204125 (22) 18.06.2024
 (54) TAURINE SUPPLEMENTED CELL CULTURE MEDIUM AND METHODS OF USE

(51) Int. Cl.
C12N 5/00 (2006.01)
 (43) 04.07.2024
 (62) 2022291430

(72) Johnson, Amy S.; Casey, Meghan E.; Oshodi, Shadia; Lawrence, Shawn
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Regeneron Pharmaceuticals, Inc.
 (11) AU-A-2024204127
 (21) 2024204127 (22) 18.06.2024
 (54) TAURINE SUPPLEMENTED CELL CULTURE MEDIUM AND METHODS OF USE

(51) Int. Cl.
C12N 5/00 (2006.01)
 (43) 04.07.2024
 (62) 2022291430

(72) Johnson, Amy S.; Casey, Meghan E.; Oshodi, Shadia; Lawrence, Shawn
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Reschke, D.
 (11) AU-A-2024204037
 (21) 2024204037 (22) 13.06.2024
 (54) Product Authentication Code

(51) Int. Cl.
G06K 19/06 (2006.01)
 (43) 04.07.2024
 (62) 2023203317
 (72) Reschke, Dru
 (74) Arceo IP

(71) Royal Bank of Canada
 (11) AU-A-2024203965
 (21) 2024203965 (22) 11.06.2024
 (54) Secure processing of electronic payments

(51) Int. Cl.
G06Q 20/40 (2012.01)
G06F 3/0484 (2022.01)

(43) 04.07.2024
 (62) 2022202404
 (72) SCOTT, Stephen James; YIN, Weiqiang; ORTIZ, Edison U.; LEE, Terry W.;

WOO, Gabriel Y.; LAM, Chai; DINN, Judy
 (74) FB Rice Pty Ltd

(71) Sage Products, LLC
 (11) AU-A-2024203962
 (21) 2024203962 (22) 11.06.2024
 (54) Patient transport apparatus and method

(51) Int. Cl.
A61G 7/057 (2006.01)
A61G 7/10 (2006.01)

(43) 04.07.2024
 (62) 2022215290
 (72) Roberts, Jay; Rigoni, Michael J.; Fletcher, Hester C.; Keaty Jr., Thomas; Davis, Gregory T.; Hanifi, Paul H.; Beck, David P.; Alvarez, Ryan A.; Sweetwood, Garrett W.

(74) FB Rice Pty Ltd

Sanofi Biotechnology see Regeneron Pharmaceuticals, Inc.

(21) 2024203951
 (71) Savage Medical, Inc.
 (11) AU-A-2024204137
 (21) 2024204137 (22) 18.06.2024
 (54) Devices and methods for anchoring a sheath in a tissue cavity

(51) Int. Cl.
A61B 17/00 (2006.01)
A61F 2/00 (2006.01)
A61F 2/04 (2013.01)
A61F 2/848 (2013.01)

(43) 04.07.2024
 (62) 2022202828
 (72) FONG, Kenton D.; LEE, Jan; ETTER, Jeffrey W.
 (74) Spruson & Ferguson

(71) Schneider Electric (Australia) Pty Limited
 (11) AU-A-2023282332
 (21) 2023282332 (22) 15.12.2023
 (54) IMPROVEMENTS IN PUSH BUTTON

(51) Int. Cl.
H01H 13/14 (2006.01)
H01H 13/20 (2006.01)
H01H 13/36 (2006.01)
H01H 13/50 (2006.01)
H01H 23/00 (2006.01)
H01H 13/52 (2006.01)

(31) 2022903872 (32) 16.12.22 (33) AU
 (43) 04.07.2024
 (72) Gransbury, Kenneth Basil
 (74) Madderns Pty Ltd

(71) Schneider Toshiba Inverter Europe SAS
 (11) AU-A-2023278053
 (21) 2023278053 (22) 06.12.2023
 (54) METHOD FOR IDENTIFICATION OF IMPELLER WEAR AND EXCESSIVE WEAR-RING CLEARANCE IN CENTRIFUGAL PUMPS

(51) Int. Cl.
F04D 15/00 (2006.01)

F04D 27/00 (2006.01)
 (31) EP22306872.7 (32) 14.12.22 (33) EP
 (43) 04.07.2024
 (72) Ejjabraoui, Kamal
 (74) Madderns Pty Ltd

(71) Sequenom, Inc.
 (11) AU-A-2024204048
 (21) 2024204048 (22) 14.06.2024
 (54) Methods and processes for non-invasive assessment of chromosome alterations

(51) Int. Cl.
C12Q 1/68 (2018.01)
 (43) 04.07.2024
 (62) 2021209224

(72) KIM, Sung; JENSEN, Taylor Jacob; EHRICH, Mathias
 (74) Davies Collison Cave Pty Ltd

(71) Shandong INOV Polyurethane Co., Ltd.
 (11) AU-A-2023270197
 (21) 2023270197 (22) 20.11.2023
 (54) THERMAL CONDUCTIVE POLYURETHANE STRUCTURAL ADHESIVE WITH IMPROVED HIGH TEMPERATURE RETENTION AND ITS PREPARATION METHOD

(51) Int. Cl.
C08G 18/32 (2006.01)
C08G 18/75 (2006.01)
C08G 18/76 (2006.01)
C09J 11/04 (2006.01)
C09J 175/06 (2006.01)
C09J 175/08 (2006.01)

(31) 202211631331.6 (32) 19.12.22 (33) CN
 (43) 04.07.2024
 (72) Jun Xu; Zhaoyang Liu; Shengkui Han; Yujun Fang; Zhenzhen Fang
 (74) Madderns Pty Ltd

Shanghai Sanme Mining Machinery Co., Ltd see Zhengzhou Yifan Machinery Co., Ltd
 (21) 2023285806

(71) Sharp Kabushiki Kaisha
 (11) AU-A-2023201203
 (21) 2023201203 (22) 28.02.2023
 (54) Systems and methods for signaling neural network post-filter purpose information in video coding

(51) Int. Cl.
H04N 19/117 (2014.01)
G06N 3/02 (2006.01)
H04N 19/187 (2014.01)
H04N 19/42 (2014.01)
H04N 19/635 (2014.01)
H04N 19/70 (2014.01)
H04N 19/82 (2014.01)

(31) 18/084,346 (32) 19.12.22 (33) US
 (43) 04.07.2024
 (72) DESHPANDE, Sachin G.
 (74) Davies Collison Cave Pty Ltd

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(71) Shoulder Innovations, Inc.
 (11) AU-A-2024203972
 (21) 2024203972 (22) 12.06.2024
 (54) CONVERTIBLE TOTAL SHOULDER PROSTHESIS
 (51) Int. Cl.
 A61F 2/40 (2006.01)
 A61F 2/30 (2006.01)
 A61F 2/46 (2006.01)
 (43) 04.07.2024
 (62) 2019234645
 (72) Ball, Robert J.; Running, Donald E.
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Sicona Battery Technologies Pty Ltd
 (11) AU-A-2024204111
 (21) 2024204111 (22) 17.06.2024
 (54) Dispersible edge functionalised graphene platelets
 (51) Int. Cl.
 C01B 32/198 (2017.01)
 B82Y 30/00 (2011.01)
 B82Y 40/00 (2011.01)
 C01B 32/15 (2017.01)
 C01B 32/174 (2017.01)
 C01B 32/23 (2017.01)
 C08K 3/04 (2006.01)
 H01M 4/133 (2010.01)
 (43) 04.07.2024
 (62) 2022202850
 (72) WALLACE, Gordon George; OFFICER, David Leslie; JALILI, Rouhollah; WALKER, Ashley John; RYDER, Gregory Michael; FAISAL, Shaikh Nayeem
 (74) Spruson & Ferguson

(71) Sleepme Inc.
 (11) AU-A-2024204146
 (21) 2024204146 (22) 18.06.2024
 (54) Stress Reduction And Sleep Promotion System
 (51) Int. Cl.
 A61M 21/02 (2006.01)
 A47C 21/02 (2006.01)
 A47C 21/04 (2006.01)
 A47C 31/00 (2006.01)
 A61B 5/00 (2006.01)
 A61B 5/024 (2006.01)
 A61B 5/11 (2006.01)
 F25D 17/02 (2006.01)
 F25D 29/00 (2006.01)
 (43) 04.07.2024
 (62) 2018332812
 (72) YOUNGBLOOD, Todd; YOUNGBLOOD, Tara
 (74) WRAYS PTY LTD

(71) Snap-on Corporated
 (11) AU-A-2023282328
 (21) 2023282328 (22) 15.12.2023
 (54) Multi-position pliers with elongated recesses
 (51) Int. Cl.
 B25B 7/10 (2006.01)
 B25B 7/04 (2006.01)
 (31) 18/535,207 (32) 11.12.23 (33) US
 63/433,424 16.12.22 US

(43) 04.07.2024
 (72) EGGERT, Daniel M.
 (74) Spruson & Ferguson

(71) Snap-On Incorporated
 (11) AU-A-2024204144
 (21) 2024204144 (22) 18.06.2024
 (54) Controlling brushless motor commutation
 (51) Int. Cl.
 H02P 6/16 (2016.01)
 H02P 6/28 (2016.01)
 H02P 101/00 (2015.01)
 (43) 04.07.2024
 (62) 2022201937
 (72) GENZ, Jason; RAJZER, Michael T.; FOX, Christoffer S.; NITZSCHE, Daniel
 (74) Griffith Hack

(71) SNIPR Biome ApS.
 (11) AU-A-2024204060
 (21) 2024204060 (22) 14.06.2024
 (54) Treating & preventing microbial infections
 (51) Int. Cl.
 A61K 38/46 (2006.01)
 A61P 31/00 (2006.01)
 A61P 31/04 (2006.01)
 C12N 9/22 (2006.01)
 C12N 15/113 (2010.01)
 (43) 04.07.2024
 (62) 2019246043
 (72) SOMMER, Morten; MARTINEZ, Virginia; VAN DER HELM, Eric; HAABER, Jakob Krause; DE SANTIAGO TORIO, Ana; GRØNDAHL, Christian; CLUBE, Jasper
 (74) Griffith Hack

(71) Snugglevest
 (11) AU-A-2022291437
 (21) 2022291437 (22) 19.12.2022
 (54) Weighted Garment for Animals
 (51) Int. Cl.
 A01K 13/00 (2006.01)
 (43) 04.07.2024
 (72) Symonds, Brenna
 (74) Snugglevest

(71) Stevens, C.
 (11) AU-A-2022291421
 (21) 2022291421 (22) 19.12.2022
 (54) PROTECTIVE SLEEVE
 (51) Int. Cl.
 B60J 11/06 (2006.01)
 B60R 19/44 (2006.01)
 (43) 04.07.2024
 (72) Stevens, Christopher
 (74) IP Guardian Pty Ltd

(71) Stryker Corporation
 (11) AU-A-2024204138
 (21) 2024204138 (22) 18.06.2024
 (54) Robotic System And Method For Reorienting A Surgical Instrument Moving Along A Tool Path

(51) Int. Cl.
 A61B 17/16 (2006.01)
 (43) 04.07.2024
 (62) 2023206084
 (72) Bowling, David Gene; Stuart, John Michael; Beer, Joel N.
 (74) Davies Collison Cave Pty Ltd

(71) Swell Energy Inc.
 (11) AU-A-2024203988
 (21) 2024203988 (22) 12.06.2024
 (54) Method and apparatus for facilitating the operation of an on-site energy storage system to co-optimize battery dispatch
 (51) Int. Cl.
 G05D 17/00 (2006.01)
 G05D 3/12 (2006.01)
 G05D 5/00 (2006.01)
 G05D 9/00 (2006.01)
 (43) 04.07.2024
 (62) 2022202616
 (72) LEE, Ja-Chin Audrey; NOONE, Corey; KNOX, Kate
 (74) Spruson & Ferguson

(71) SynDevRx, Inc.
 (11) AU-A-2024204027
 (21) 2024204027 (22) 13.06.2024
 (54) Treatment for tumors driven by metabolic dysfunction
 (51) Int. Cl.
 A61K 47/65 (2017.01)
 A61P 3/00 (2006.01)
 A61P 35/00 (2006.01)
 (43) 04.07.2024
 (62) 2021286420
 (72) SHANAHAN, James; CORNELIUS, Peter
 (74) FPA Patent Attorneys Pty Ltd

TAICANG KINGFU PLASTIC MANUFACTURE CO., LTD. see BEAUTIFUL WINDOW FASHIONS CO., LTD.
 (21) 2023258416

TAKEDA PHARMACEUTICAL COMPANY LIMITED see Alnylam Pharmaceuticals, Inc.
 (21) 2024204113

(71) Techtronic Cordless GP
 (11) AU-A-2023282204
 (21) 2023282204 (22) 12.12.2023
 (54) Quick change collet
 (51) Int. Cl.
 B23B 31/20 (2006.01)
 B23B 31/02 (2006.01)
 (31) 63/476,208 (32) 20.12.22 (33) US
 63/506,775 07.06.23 US
 (43) 04.07.2024
 (72) LOFTIS, Jonathan C.; O'SHIELDS, Steven T.; HU, Long Long; LIU, Fu; LIAO, Jia Ming
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 (11) AU-A-2024204005
 (21) 2024204005 (22) 13.06.2024
 (54) Handling communication
 (51) Int. Cl.
H04W 36/00 (2009.01)
H04W 28/02 (2009.01)
H04W 28/08 (2023.01)
H04W 92/20 (2009.01)
 (43) 04.07.2024
 (62) 2021292881
 (72) BARAC, Filip; TEYEB, Oumer; MILDH,
 Gunnar; SCHLIWA-BERTLING, Paul;
 MUHAMMAD, Ajmal
 (74) AJ PARK

(71) Tencent America LLC
 (11) AU-A-2024203985
 (21) 2024203985 (22) 12.06.2024
 (54) SIGNALING OF CODING TOOLS FOR
 ENCODING A VIDEO COMPONENT
 AS MONOCHROME VIDEO
 (51) Int. Cl.
H04N 11/02 (2006.01)
 (43) 04.07.2024
 (62) 2023201230
 (72) AUYEUNG, Cheung; LI, Xiang; LIU,
 Shan
 (74) Golja Haines & Friend

(71) Tencent America LLC
 (11) AU-A-2024204007
 (21) 2024204007 (22) 13.06.2024
 (54) METHOD FOR WRAP AROUND MO-
 TION COMPENSATION WITH REFER-
 ENCE PICTURE RESAMPLING
 (51) Int. Cl.
H04N 13/00 (2018.01)
H04N 19/44 (2014.01)
H04N 19/583 (2014.01)
 (43) 04.07.2024
 (62) 2023202527
 (72) Choi, Byeongdo; Wenger, Stephan;
 Liu, Shan
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Tencent America LLC
 (11) AU-A-2024204059
 (21) 2024204059 (22) 14.06.2024
 (54) METHOD FOR SIGNALING OUTPUT
 LAYER SET WITH SUB-PICTURE
 (51) Int. Cl.
H04N 19/33 (2014.01)
H04N 19/172 (2014.01)
H04N 19/177 (2014.01)
H04N 19/597 (2014.01)
H04N 19/70 (2014.01)
 (43) 04.07.2024
 (62) 2023201809
 (72) CHOI, Byeongdo; WENGER, Stephan;
 LIU, Shan
 (74) Griffith Hack

(71) Tencent America LLC
 (11) AU-A-2024204068
 (21) 2024204068 (22) 14.06.2024

(54) SIGNALING OF INTER LAYER PRE-
 DICTION IN VIDEO BITSTREAM
 (51) Int. Cl.
H04N 19/39 (2014.01)
H04N 19/105 (2014.01)
H04N 19/33 (2014.01)
H04N 19/507 (2014.01)
H04N 19/70 (2014.01)
 (43) 04.07.2024
 (62) 2023202413
 (72) CHOI, Byeongdo; WENGER, Stephan;
 LIU, Shan
 (74) Griffith Hack

(71) The Board of Trustees of the Leland
 Stanford Junior University
 (11) AU-A-2024203919
 (21) 2024203919 (22) 07.06.2024
 (54) Methods of treating T cell exhaustion by
 inhibiting or modulating T cell receptor
 signaling
 (51) Int. Cl.
A61K 31/497 (2006.01)
A61P 43/00 (2006.01)
 (43) 04.07.2024
 (62) 2018243571
 (72) LYNN, Rachel; MACKALL, Crystal;
 WEBER, EVAN; MALHOTRA, Sanjay
 (74) Spruson & Ferguson

(71) The Broad Institute, Inc.
 (11) AU-A-2024203909
 (21) 2024203909 (22) 07.06.2024
 (54) FORMULATIONS FOR NEOPLASIA
 VACCINES
 (51) Int. Cl.
A61K 39/00 (2006.01)
 (43) 04.07.2024
 (62) 2020230295
 (72) Fritsch, Edward F.; Nellaiappan, Kaliap-
 panadar; Javeri, Indu
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) The Rockefeller University
 (11) AU-A-2024202924
 (21) 2024202924 (22) 02.05.2024
 (54) ANTIBODIES TO CD40 WITH EN-
 HANCED AGONIST ACTIVITY
 (51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/00 (2006.01)
 (43) 04.07.2024
 (62) 2016394956
 (72) Ravetch, Jeffrey V.; Dahan, Rony
 (74) Maxwells Patent & Trade Mark Attor-
 neys Pty Ltd

The USA, As Represented By The Secret-
 ary, Dept. Of Health And Human Services
 see Codagenix, Inc.
 (21) 2024203948

(71) TNBT Holdings Pty Limited
 (11) AU-A-2023282333
 (21) 2023282333 (22) 15.12.2023
 (54) Improved Lock

(51) Int. Cl.
E05B 59/00 (2006.01)
E05B 17/20 (2006.01)
E05B 21/06 (2006.01)
E05B 41/00 (2006.01)
E05B 63/12 (2006.01)
E05B 65/06 (2006.01)
E05C 1/00 (2006.01)
E05C 1/12 (2006.01)
E05B 1/00 (2006.01)
E05B 9/02 (2006.01)
E05B 15/02 (2006.01)
E05B 15/04 (2006.01)
E05B 47/00 (2006.01)
 (31) 2022903859 (32) 15.12.22 (33) AU
 (43) 04.07.2024
 (72) Butt, Simon; Bartos, Ian
 (74) Chrysiliou IP

(71) Tompkins Robotics, Inc.
 (11) AU-A-2024204013
 (21) 2024204013 (22) 13.06.2024
 (54) SEQUENCING PARCEL SORTER
 (51) Int. Cl.
G06Q 10/08 (2023.01)
B07C 3/00 (2006.01)
G06Q 10/04 (2023.01)
G06Q 10/10 (2023.01)
 (43) 04.07.2024
 (62) 2020340248
 (72) SERSTAD, James M.; FUTCH, Michael
 C.
 (74) RnB IP Pty Ltd

(71) Torque Fitness, LLC
 (11) AU-A-2024203924
 (21) 2024203924 (22) 07.06.2024
 (54) WEIGHT TRAINING SLED
 (51) Int. Cl.
A63B 21/005 (2006.01)
A63B 21/06 (2006.01)
A63B 24/00 (2006.01)
 (43) 04.07.2024
 (62) 2022200335
 (72) Baumler, Thomas K.; Novak, Michael
 G.; Rosenow, Charles J.
 (74) WRAYS PTY LTD

(71) Transportation IP Holdings, LLC
 (11) AU-A-2023254870
 (21) 2023254870 (22) 23.10.2023
 (54) Method and systems for a gaseous fuel
 turbo-compressor
 (51) Int. Cl.
B61C 5/00 (2006.01)
F02D 41/00 (2006.01)
F02M 21/02 (2006.01)
 (31) 18/066,907 (32) 15.12.22 (33) US
 (43) 04.07.2024
 (72) HOMISON, Christopher; PEDDER, Jac-
 ob Kenneth
 (74) K&L Gates

(71) Transportation IP Holdings, LLC
 (11) AU-A-2023270201
 (21) 2023270201 (22) 21.11.2023

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- (54) SYSTEM AND METHOD FOR IDENTIFYING EVENT SOURCE LOCATION ALONG VEHICLE SYSTEM
(51) Int. Cl.
B60T 17/22 (2006.01)
B60W 50/02 (2012.01)
B61L 15/00 (2006.01)
B61L 23/02 (2006.01)
B61L 25/02 (2006.01)
B61L 27/50 (2022.01)
(31) 63/387,804 (32) 16.12.22 (33) US
18/499,628 01.11.23 US
(43) 04.07.2024
(72) Ryan Hurst; Jason Quigley; David Schroeck
(74) K&L Gates
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- (71) Transportation IP Holdings, LLC
(11) AU-A-2023270202
(21) 2023270202 (22) 21.11.2023
(54) MOBILE RANGE EXTENDER
(51) Int. Cl.
B60L 50/62 (2019.01)
(31) 63/387,699 (32) 16.12.22 (33) US
18/498,771 31.10.23 US
(43) 04.07.2024
(72) Gladys Anyenya
(74) K&L Gates
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- Tufts Medical Center, Inc. see Janssen Biotech, Inc.
(21) 2024204056
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- (71) Urovant Sciences GmbH
(11) AU-A-2024204108
(21) 2024204108 (22) 17.06.2024
(54) Dosing of vibegron for treatment of overactive bladder
(51) Int. Cl.
A61K 45/06 (2006.01)
A61K 31/137 (2006.01)
A61K 31/496 (2006.01)
A61K 31/519 (2006.01)
A61K 31/554 (2006.01)
A61K 31/7048 (2006.01)
A61P 13/10 (2006.01)
(43) 04.07.2024
(62) 2018282105
(72) PISCITELLI, Stephen C.; MUDD, Paul
(74) Spruson & Ferguson
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- (71) Vermeer Manufacturing Company
(11) AU-A-2023285693
(21) 2023285693 (22) 18.12.2023
(54) Handheld water drill and method
(51) Int. Cl.
E21B 7/18 (2006.01)
E21B 7/04 (2006.01)
(31) 63/476,074 (32) 19.12.22 (33) US
18/535,958 11.12.23 US
(43) 04.07.2024
(72) Anderson, Thor; Peters, Logan
(74) Griffith Hack
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- (71) VERSUNI HOLDING B.V.
(11) AU-A-2023379423
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- (21) 2023379423 (22) 28.11.2023
(54) LIFTING APPARATUS FOR CLEANING ASSEMBLY, CLEANING ASSEMBLY, AND CLEANER
(51) Int. Cl.
A47L 13/20 (2006.01)
A47L 11/18 (2006.01)
(31) 202211567678.9 (32) 07.12.22 (33) CN
202223287313.9 07.12.22 CN
23155669.7 08.02.23 EP
(43) 04.07.2024
(72) WANG, Jian; LI, Lavin
(74) FB Rice Pty Ltd
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- (71) Viavi Solutions Inc.
(11) AU-A-2024204062
(21) 2024204062 (22) 14.06.2024
(54) Multispectral Sensor Response Balancing
(51) Int. Cl.
G02B 5/20 (2006.01)
(43) 04.07.2024
(62) 2022204869
(72) HOUCK, William D.; SAXE, Steven
(74) WRAYS PTY LTD
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- (71) VIDEO GAMING TECHNOLOGIES, INC.
(11) AU-A-2024204012
(21) 2024204012 (22) 13.06.2024
(54) A GAMING MACHINE
(51) Int. Cl.
G07F 17/32 (2006.01)
A63F 13/25 (2014.01)
(43) 04.07.2024
(62) 2022202654
(72) CASEY, Michael P.
(74) Griffith Hack
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- (71) VOLVO AUTONOMOUS SOLUTIONS AB
(11) AU-A-2023278007
(21) 2023278007 (22) 05.12.2023
(54) Path determination for vehicles
(51) Int. Cl.
B60W 60/00 (2020.01)
B60W 40/06 (2012.01)
G05D 1/43 (2024.01)
(31) 22214552.6 (32) 19.12.22 (33) EP
(43) 04.07.2024
(72) SKILLSÄTER, Calle; SJÖBERG, Johan
(74) Griffith Hack
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- (71) VOLVO AUTONOMOUS SOLUTIONS AB
(11) AU-A-2023278009
(21) 2023278009 (22) 05.12.2023
(54) Reducing wear on paths
(51) Int. Cl.
B60W 60/00 (2020.01)
B60W 40/06 (2012.01)
(31) 22214550.0 (32) 19.12.22 (33) EP
(43) 04.07.2024
(72) WIBERG, Wilhelm; LJUNGQVIST, Oskar; SKILLSÄTER, Calle; SJÖBERG, Johan
(74) Griffith Hack
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- (71) Weber-Stephen Products LLC
(11) AU-A-2024203932
(21) 2024203932 (22) 10.06.2024
(54) Adjustable Warming Racks For Cook-boxes Of Grills
(51) Int. Cl.
A47J 37/06 (2006.01)
A47J 37/07 (2006.01)
(43) 04.07.2024
(62) 2021392592
(72) MASEK, Douglas W.; KECLIK, James; GRAEF, Michael A.; MATTHEWS, Brian; MELLAS, Nathan; NANOS Jr., Nicholas N.
(74) WRAYS PTY LTD
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- (71) WEBSTER, J.
(11) AU-A-2023282307
(21) 2023282307 (22) 15.12.2023
(54) INFLATABLE FURNITURE
(51) Int. Cl.
A47C 4/54 (2006.01)
A47C 27/08 (2006.01)
(31) 795730 (32) 16.12.22 (33) NZ
(43) 04.07.2024
(72) WEBSTER, James
(74) AJ PARK
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- (71) WENZHOU EYEKEPPER TECHNOLOGY CO., LTD
(11) AU-A-2023248057
(21) 2023248057 (22) 09.10.2023
(54) Mechanical Elastic Structure Glasses Without Metal Spring Cores and Without Metal Screws
(51) Int. Cl.
G02C 5/16 (2006.01)
G02C 5/22 (2006.01)
(31) 202223378983.1 (32) 16.12.22 (33) CN
18/139,920 26.04.23 US
(43) 04.07.2024
(72) Fang, Kai
(74) MOHAN KODIVEL
-
- (71) Wilcox Industries Corp.
(11) AU-A-2023285761
(21) 2023285761 (22) 19.12.2023
(54) Battery System For Helmet Mount Assembly
(51) Int. Cl.
A42B 3/04 (2006.01)
(31) 63/433,661 (32) 19.12.22 (33) US
(43) 04.07.2024
(72) TEETZEL, James W; TURNER, Elliott S
(74) WRAYS PTY LTD
-
- (71) Willowtree Holdings Pty Ltd
(11) AU-A-2023285708
(21) 2023285708 (22) 18.12.2023
(54) TEMPORARY BULKHEAD
(51) Int. Cl.
B65D 90/00 (2006.01)
B65D 88/12 (2006.01)
B65D 88/54 (2006.01)

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- B65D 90/04** (2006.01)
(31) 2022903867 **(32)** 16.12.22 **(33)** AU
(43) 04.07.2024
(72) Tsoutsoulis, Angelo
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71)** Wonderland Switzerland AG
(11) AU-A-2024204131
(21) 2024204131 **(22)** 18.06.2024
(54) Buckle
(51) Int. Cl.
A44B 11/25 (2006.01)
B60R 22/48 (2006.01)
(43) 04.07.2024
(62) 2020381882
(72) GUO, Zheng-wen; CHENG, Manqun
(74) Griffith Hack
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- (71)** Wuhan Research Institute of Materials Protection
(11) AU-A-2024204102
(21) 2024204102 **(22)** 17.06.2024
(54) Sample for measuring galvanic corrosion between conductive coating and protected base material and evaluation method
(51) Int. Cl.
G01N 27/00 (2006.01)
(43) 04.07.2024
(62) 2021410946
(72) LI, Dongdong; LIU, Lanxuan; WANG, Yang; LIU, Xiusheng; QIN, Weihua; FENG, Zenghui; WU, Dongheng; GUO, Bei; SHU, Junjie
(74) Remarkable IP
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- Xie, D. see Zhao, A.**
(21) 2023285730
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- (71)** Yardistry US, LLC
(11) AU-A-2023282203
(21) 2023282203 **(22)** 12.12.2023
(54) TUBE SLIDE HAVING A TELESCOPING BASE
(51) Int. Cl.
A63G 21/10 (2006.01)
(31) 18/066,598 **(32)** 15.12.22 **(33)** US
(43) 04.07.2024
(72) Rieber, Frederick
(74) James & Wells Intellectual Property
-
- (71)** Youngdo Ind. Co., Ltd.
(11) AU-A-2022291480
(21) 2022291480 **(22)** 20.12.2022
(54) VALVE ASSEMBLY FOR GAS VESSEL
(51) Int. Cl.
F16K 17/30 (2006.01)
B60K 15/03 (2006.01)
F16K 31/18 (2006.01)
F17C 13/04 (2006.01)
(43) 04.07.2024
(72) Lee, Kwang Ho
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71)** Zhao, A.; Xie, D.
(11) AU-A-2023285730
(21) 2023285730 **(22)** 19.12.2023
(54) Drywall Finisher Box
(51) Int. Cl.
E04F 21/165 (2006.01)
E04F 21/02 (2006.01)
E04F 21/08 (2006.01)
(31) 2022903907 **(32)** 19.12.22 **(33)** AU
(43) 04.07.2024
(72) Zhao, Andrew
(74) MEYER WEST IP
-
- (71)** Zhengzhou Yifan Machinery Co., Ltd; Shanghai Sanme Mining Machinery Co., Ltd
(11) AU-A-2023285806
(21) 2023285806 **(22)** 20.12.2023
(54) Intelligent monitoring and warning method for the construction waste treatment process
(51) Int. Cl.
B09B 3/00 (2022.01)
G06G 10/04 (2023.01)
G06Q 10/0633 (2023.01)
G06Q 50/08 (2012.01)
G06T 7/00 (2017.01)
G06T 7/73 (2017.01)
G06T 7/529 (2017.01)
G06T 7/90 (2017.01)
B09B 101/00 (2022.01)
(31) 202211636606.5 **(32)** 20.12.22 **(33)** CN
(43) 04.07.2024
(72) ZHOU, Weidong; ZHANG, Xiantuan; DAI, Hualei; YANG, Anmin; DING, Xing; WANG, Huaikun; CHEN, He; YANG, Chenglin
(74) LAMINAR IP PTY LTD

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2023266249	RAYTHEON BBN TECHNOLOGIES, CORP.	2024203922	Dispensing Technologies B.V.
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2023282236	Itron, Inc	2024203974	Cybin IRL Limited
2023282277	Deere & Company	2024203978	Boehringer Ingelheim International GmbH
2023282282	Laminex Group Pty Limited	2024203979	Dyno Nobel Asia Pacific Pty Limited
2023282295	Daifuku Co., Ltd.	2024203980	Progressive IP Limited
2023282297	Laminex Group Pty Limited	2024203984	EVO Inventions LLC
2023282307	WEBSTER, J.	2024203985	Tencent America LLC
2023282311	LG Electronics Inc.	2024203986	Metso Brasil Indústria e Comércio Ltda.
2023282328	Snap-on Corporated	2024203988	Swell Energy Inc.
2023282332	Schneider Electric (Australia) Pty Limited	2024203990	Mitsubishi Tanabe Pharma Corporation
2023282333	TNBT Holdings Pty Limited	2024203992	Mitsubishi Tanabe Pharma Corporation
2023285693	Vermeer Manufacturing Company	2024203993	Applied Medical Resources Corporation
2023285705	Prysmian S.p.A.	2024203997	NANOGRID LIMITED. (HK)
2023285708	Willowtree Holdings Pty Ltd	2024204001	Fisher & Paykel Healthcare Limited
2023285730	Zhao, A.; Xie, D.	2024204002	CMBlu Energy AG
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2024204006	DAIKIN INDUSTRIES, LTD.	2024204122	IGT
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2024204013	Tompkins Robotics, Inc.	2024204129	CAAMTECH, INC.
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2024204015	Half Moon Medical, Inc.	2024204131	Wonderland Switzerland AG
2024204016	FuelCell Energy, Inc.; ExxonMobil Technology and En- gineering Company	2024204132	Becton, Dickinson and Company
2024204020	EUROAPI Hungary Limited Liability Company	2024204133	Alkahest Inc.
2024204021	Nuseed Global Innovation Ltd.	2024204137	Savage Medical, Inc.
2024204025	ETH Zürich (Eidgenössische Technische Hochschule Zürich); Disney Enterprises, Inc.	2024204138	Stryker Corporation
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2024204028	Bambino Prezioso Switzerland AG	2024204143	Dematic Corp.
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2024204031	MPO, Inc.	2024204145	PipeFusion CIPP Corporation
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2024204037	Reschke, D.	2024204149	EpinovaTech AB
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2024204049	Geomni, Inc.	2024204155	Britax Romer Kindersicherheit GmbH
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2024204051	Becton, Dickinson and Company		
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2024204055	Fisher & Paykel Healthcare Limited		
2024204056	Janssen Biotech, Inc.; Tufts Medical Center, Inc.		
2024204057	Eidos Therapeutics, Inc.		
2024204059	Tencent America LLC		
2024204060	SNIPR Biome ApS.		
2024204061	Fisher & Paykel Healthcare Limited		
2024204062	Viavi Solutions Inc.		
2024204067	PepsiCo, Inc.		
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2024204069	Angel Group Co., Ltd.		
2024204072	CSR Building Products Limited		
2024204076	ETS Technology Holdings LLC		
2024204077	Institut National D'etudes Supérieures Agronomiques de Montpellier (Montpellier SupAgro); Institut national de recherche pour l'agriculture, l'alimentation et l'environnement; Danstar Ferment AG		
2024204078	Innovator Energy, LLC		
2024204079	Ecolab USA Inc.		
2024204080	Aristocrat Technologies Australia Pty Limited		
2024204081	Coulter Ventures, LLC		
2024204082	International Business Machines Corporation		
2024204083	International Business Machines Corporation		
2024204084	MonoSol, LLC		
2024204085	Equifax Inc.		
2024204086	MatSing, Inc.		
2024204090	LG Electronics Inc.		
2024204091	KACHE MEDIA HOLDINGS PTY LTD		
2024204097	Almendra Pte. Ltd.		
2024204099	Fellowship of Orthopaedic Researchers, Inc.; Gomboc, LLC		
2024204100	LG Electronics Inc.		
2024204102	Wuhan Research Institute of Materials Protection		
2024204103	MASTERCARD INTERNATIONAL INCORPORATED		
2024204106	FISHER & PAYKEL HEALTHCARE LIMITED		
2024204108	Urovant Sciences GmbH		
2024204109	Endotronix, Inc.		
2024204110	MasterCard International Incorporated		
2024204111	Sicona Battery Technologies Pty Ltd		
2024204112	Gen-Probe Incorporated		
2024204113	Alnylam Pharmaceuticals, Inc.; TAKEDA PHARMA- CEUTICAL COMPANY LIMITED		
2024204116	Boston Scientific Scimed, Inc.		
2024204117	Komatsu Ltd.		
2024204118	HiODZ Limited		
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. (*) Title not in Roman characters

. (**) Title not given

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

(71) Belgiorno-Nettis, A.; Goodwin, H.; Scarfone, R.

(11) AU-A-2019101855

(21) 2019101855 **(22)** 04.06.2019

(54) Convertible furniture

(51) Int. Cl.

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A47B 5/00 (2006.01)

A47B 5/04 (2006.01)

A47C 17/38 (2006.01)

A47C 17/40 (2006.01)

(45) 04.07.2024

(72) Belgiorno-Nettis, Alessandro; Goodwin, Henry; Scarfone, Robert

(74) Spruson & Ferguson

Goodwin, H. see Belgiorno-Nettis, A.

(21) 2019101855

Scarfone, R. see Belgiorno-Nettis, A.

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- . (**) Title not given

<p>(71) 101 THERAPEUTICS LTD. (11) AU-A-2023213185 (21) 2023213185 (22) 24.01.2023 (54) COMPOSITIONS AND METHODS FOR COVID-19 TREATMENT (51) Int. Cl. <i>C07H 15/24</i> (2006.01) <i>A61K 31/573</i> (2006.01) <i>A61K 31/704</i> (2006.01) <i>A61P 11/00</i> (2006.01) <i>A61P 31/16</i> (2006.01) <i>C07J 7/00</i> (2006.01) (87) WO2023/144815 (31) 63/302,575 (32) 25.01.22 (33) US (43) 03.08.2023 (72) GOLDBERG, Alec M.; GOLDBERG, Samuel H.; GOLDBERG, James I.; GOLDBERG, Isaiah Z.; GOLDBERG, Michael M. (74) SR Intellectual Property</p>	<p>(43) 22.06.2023 (72) OSTERKAMP, Frank; HÖHNE, Aileen; PASCHKE, Matthias; ZBORALSKI, Dirk; SCHNEIDER, Eberhard; HAASE, Christian; UNGEWISS, Jan; BREDEBECK, Anne; SMERLING, Christiane; REINEKE, Ulrich; WILKENING, Ina (74) FB Rice Pty Ltd</p>	<p>(31) 63/294,344 (32) 28.12.21 (33) US (43) 06.07.2023 (72) MCQUISTON, Beth; DATWYLER, Saul; CHANDRAN, Raj (74) FPA Patent Attorneys Pty Ltd</p>
<p>(71) 1NHALER LTD (11) AU-A-2023217295 (21) 2023217295 (22) 08.02.2023 (54) INHALER (51) Int. Cl. <i>A61M 11/02</i> (2006.01) <i>A61M 15/00</i> (2006.01) (87) WO2023/152482 (31) 2201567.1 (32) 08.02.22 (33) GB 2212133.9 19.08.22 GB (43) 17.08.2023 (72) BAUMHAKL, Patrick; WOLBERS, Kai; SMITH, Donald (74) Michael Buck IP</p>	<p>(71) ABBISKO THERAPEUTICS CO., LTD. (11) AU-A-2023232372 (21) 2023232372 (22) 06.03.2023 (54) HOLOSMMETRIC BIPHENYL DERIVATIVE, AND PREPARATION METHOD THEREFOR AND USE THEREOF (51) Int. Cl. <i>C07D 213/81</i> (2006.01) <i>A61K 31/443</i> (2006.01) <i>A61K 31/4433</i> (2006.01) <i>A61K 31/4439</i> (2006.01) <i>A61K 31/444</i> (2006.01) <i>A61P 35/00</i> (2006.01) <i>A61P 37/02</i> (2006.01) <i>C07D 401/02</i> (2006.01) <i>C07D 401/12</i> (2006.01) (87) WO2023/169373 (31) 202210216572.8 (32) 07.03.22 (33) CN (43) 14.09.2023 (72) YANG, Fei; ZHANG, Yongxian; YU, Hongping; CHEN, Zhui; XU, Yaochang (74) FPA Patent Attorneys Pty Ltd</p>	<p>(71) ADAMA MAKHTESHIM LTD. (11) AU-A-2022403979 (21) 2022403979 (22) 06.12.2022 (54) COMPOSITION CONTAINING A MACROLIDE INSECTICIDAL COMPOUND AND POLYCATIONIC RHEOLOGY MODIFIER (51) Int. Cl. <i>A01N 43/90</i> (2006.01) <i>A01N 25/04</i> (2006.01) <i>A01N 43/56</i> (2006.01) <i>A01P 7/04</i> (2006.01) (87) WO2023/105518 (31) 63/286,590 (32) 07.12.21 (33) US (43) 15.06.2023 (72) DAHAN, Yogev; FRIEDMAN, Jacob (74) Davies Collison Cave Pty Ltd</p>
<p>(71) 3B PHARMACEUTICALS GMBH (11) AU-A-2022410422 (21) 2022410422 (22) 19.12.2022 (54) CARBONIC ANHYDRASE IX LIGANDS (51) Int. Cl. <i>C07K 7/06</i> (2006.01) <i>A61K 38/10</i> (2006.01) <i>A61K 47/64</i> (2017.01) <i>C07K 7/08</i> (2006.01) (87) WO2023/111350 (31) PCT/EP2021/086592 (32) 17.12.21 (33) EP PCT/ 25.02.22 EP EP2022/054857 PCT/ 18.03.22 EP EP2022/057170 PCT/ 24.03.22 EP EP2022/057840 PCT/ 24.06.22 EP EP2022/067424 PCT/ 24.10.22 EP EP2022/079606 PCT/ 11.11.22 EP EP2022/081674</p>	<p>(71) ABBOTT DIABETES CARE INC. (11) AU-A-2023236555 (21) 2023236555 (22) 16.03.2023 (54) SYSTEMS, DEVICES, AND METHODS FOR ANALYTE MONITORING (51) Int. Cl. <i>A61B 5/145</i> (2006.01) <i>A61B 5/1486</i> (2006.01) (87) WO2023/177783 (31) 63/320,451 (32) 16.03.22 (33) US (43) 21.09.2023 (72) PACE, Louis; COLE, Jean-Pierre; HOSS, Udo; MITCHELL, Steven; SIMMONS, Matthew (74) FPA Patent Attorneys Pty Ltd</p>	<p>(71) ADASUNE S.R.O. (11) AU-A-2022412905 (21) 2022412905 (22) 13.12.2022 (54) METHOD FOR DISSOCIATING WATER MOLECULES TO OBTAIN HYDROGEN AND OXYGEN GAS AND APPARATUS FOR DISSOCIATING WATER MOLECULES (51) Int. Cl. <i>C01B 3/06</i> (2006.01) (87) WO2023/109989 (31) 2021-568 (32) 14.12.21 (33) CZ (43) 22.06.2023 (72) KORBEL, Viktor (74) PHILLIPS ORMONDE FITZPATRICK</p>
<p>(71) ADB SAFEGATE BV (11) AU-A-2023206789 (21) 2023206789 (22) 12.01.2023 (54) VOLTAGE LIMITING DEVICE FOR CONSTANT CURRENT CIRCUITS (51) Int. Cl. <i>H02H 3/20</i> (2006.01) <i>H02H 9/04</i> (2006.01) <i>H02H 3/02</i> (2006.01) (87) WO2023/135224 (31) 22151680.0 (32) 14.01.22 (33) EP (43) 20.07.2023 (72) GRIMM, Florian; SAUVAGE, Nicolas; DE VLEESCHAUWER, Eric (74) Spruson & Ferguson</p>	<p>(71) ABBOTT LABORATORIES (11) AU-A-2022423989 (21) 2022423989 (22) 28.12.2022 (54) USE OF BIOMARKERS TO DETERMINE SUB-ACUTE TRAUMATIC BRAIN INJURY (TBI) IN A SUBJECT HAVING RECEIVED A HEAD COMPUTERIZED TOMOGRAPHY (CT) SCAN THAT IS NEGATIVE FOR A TBI OR NO HEAD CT SCAN (51) Int. Cl. <i>G01N 33/68</i> (2006.01) (87) WO2023/129942</p>	<p>(71) ADCENTRX THERAPEUTICS INC. (11) AU-A-2022422015 (21) 2022422015 (22) 21.12.2022</p>

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A61K 47/68 (2017.01)
C07K 7/02 (2006.01)
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 (31) 63/293,583 (32) 23.12.21 (33) US
 (43) 29.06.2023
 (72) LI, Richard Hui; LEE, Dong Jun
 (74) FB Rice Pty Ltd
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- (71) AERIE PHARMACEUTICALS, INC.
 (11) AU-A-2022433635
 (21) 2022433635 (22) 02.11.2022
 (54) SYNTHETIC INTERMEDIATES AND IMPROVED PROCESSES FOR PREPARING ROCK INHIBITORS
 (51) Int. Cl.
C07C 271/22 (2006.01)
C07D 217/02 (2006.01)
C07D 295/027 (2006.01)
 (87) WO2023/136942
 (31) 63/298,751 (32) 12.01.22 (33) US
 (43) 20.07.2023
 (72) MCCLURE, Michael Scott; MINKLER, Daniel Francis; HAXELL, Thomas Francis Nelson
 (74) K&L Gates
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 (11) AU-A-2023206842
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 (51) Int. Cl.
F03D 17/00 (2016.01)
F03D 80/30 (2016.01)
G01R 31/54 (2020.01)
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 (72) PUTRAMS, Janis
 (74) GLMR
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- (71) AERONES ENGINEERING SIA
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 (21) 2022433871 (22) 14.01.2022
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 (51) Int. Cl.
F03D 80/50 (2016.01)
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 (74) GLMR
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- (71) AFINITI, LTD.
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 (21) 2022419381 (22) 22.12.2022
 (54) TECHNIQUES FOR OPTIMIZING ASSISTANCE CHANNEL ROUTING
 (51) Int. Cl.
H04M 3/51 (2006.01)
H04M 3/523 (2006.01)
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- H04Q 3/64* (2006.01)
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 (72) GARCIA-LOPEZ, Julian, Lopez-Portillo; O'BRIEN, Caroline, Cecilia; SINHA, Alekshandra, Arjun; DUJOL, Felix Xavier Soliman, Marie
 (74) Allens Patent & Trade Mark Attorneys
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- (71) AGB-PHARMA AB
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 (54) AQUEOUS MELATONIN FORMULATION
 (51) Int. Cl.
A61K 9/08 (2006.01)
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A61K 31/4045 (2006.01)
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 (31) 21216042.8 (32) 20.12.21 (33) EP
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 (72) WAXEGÅRD, Staffan
 (74) Davies Collision Cave Pty Ltd
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- (71) AGRESEARCH LIMITED
 (11) AU-A-2022422610
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 (54) METHODS FOR REDUCING NITROUS OXIDE PRODUCTION
 (51) Int. Cl.
C12N 15/82 (2006.01)
C12N 5/00 (2006.01)
 (87) WO2023/119102
 (31) 2021904161 (32) 21.12.21 (33) AU
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 (72) ROBERTS, Nicholas John; BRYAN, Gregory; COONEY, Luke James; REID, Michele Lee; WINICHAYAKUL, Somrutai; BEECHEY-GRADWELL, Zachariah; BOWATTE, Willora Mudiyansealage Saman Deepal; NEWTON, Paul Charles Dummere; HOOGENDOORN, Coby Jean
 (74) Foote Intellectual Property Limited
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- (71) ALBEMARLE GERMANY GMBH
 (11) AU-A-2022430223
 (21) 2022430223 (22) 27.12.2022
 (54) POWDERED LITHIUM OXIDE, PROCESS FOR ITS PREPARATION AND ITS USE
 (51) Int. Cl.
C01D 15/02 (2006.01)
C01G 45/12 (2006.01)
C01G 49/00 (2006.01)
C01G 51/00 (2006.01)
C01G 53/00 (2006.01)
 (87) WO2023/131569
 (31) 10 2022 100 361.2 (32) 10.01.22 (33) DE
 (43) 13.07.2023
 (72) MAI, Mary; WIETELMANN, Ulrich; HUEBNER, Alexander; KLÖSENER, Johannes; WESSELS, Katrin; WEILAND, Anja; JANSEN, Thomas; FROMMER, Tanita; REMPEL, Henrike; SANDERS, Rolf
 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd
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- (71) ALCHEMEDIK, INC.
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 (54) COMPOUND, ALDEHYDE DEHYDROGENASE 2 ACTIVATOR, PHARMACEUTICAL COMPOSITION, AND TREATMENT AND/OR PREVENTATIVE DRUG
 (51) Int. Cl.
C07D 213/56 (2006.01)
A61K 31/444 (2006.01)
A61P 1/16 (2006.01)
A61P 1/18 (2006.01)
A61P 3/06 (2006.01)
A61P 3/10 (2006.01)
A61P 7/06 (2006.01)
A61P 9/00 (2006.01)
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A61P 25/04 (2006.01)
A61P 25/16 (2006.01)
A61P 25/28 (2006.01)
A61P 27/02 (2006.01)
A61P 29/00 (2006.01)
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C07D 213/64 (2006.01)
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 (31) 2022-070667 (32) 22.04.22 (33) JP
 (43) 26.10.2023
 (72) TANAKA, Keigo
 (74) FPA Patent Attorneys Pty Ltd
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- (71) ALLFLEX AUSTRALIA PTY. LTD.
 (11) AU-A-2022417291
 (21) 2022417291 (22) 23.12.2022
 (54) IMPROVEMENTS IN ELECTRONIC IDENTIFICATION TAG READER SYSTEMS
 (51) Int. Cl.
A01K 11/00 (2006.01)
G06K 7/016 (2006.01)
G06K 7/10 (2006.01)
H01Q 1/22 (2006.01)
H04L 25/40 (2006.01)
 (87) WO2023/115153
 (31) 2021904264 (32) 24.12.21 (33) AU
 (43) 29.06.2023
 (72) WILKINSON, Benjamin Thomas John; BATEMAN, Leigh Andrew; CLAYTON, Brian Antony
 (74) Spruson & Ferguson
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 (54) A SYSTEM AND METHOD FOR TRACING MEMBERS OF AN ANIMAL POPULATION
 (51) Int. Cl.
H04W 4/029 (2018.01)
A01K 11/00 (2006.01)
A01K 29/00 (2006.01)
G06K 7/14 (2006.01)

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G06V 40/10 (2022.01)
H04W 4/02 (2018.01)
H04W 4/021 (2018.01)
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(43) 06.07.2023
(72) WILKINSON, Benjamin Thomas John
(74) Spruson & Ferguson
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- (71)** ALLFLEX EUROPE SAS; ALLFLEX AUSTRALIA PTY. LTD.
(11) AU-A-2022417597
(21) 2022417597 **(22)** 22.12.2022
(54) EAR-TAG APPLICATOR
(51) Int. Cl.
A01K 11/00 (2006.01)
(87) WO2023/119205
(31) 21306911.5 **(32)** 23.12.21 **(33)** EP
(43) 29.06.2023
(72) TEYCHENE, Bruno Philippe Jean; LE MAY, Quentin Serge; WILKINSON, Benjamin Thomas John
(74) Spruson & Ferguson
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- (71)** ALPARIS S.A. DE C.V.
(11) AU-A-2022410715
(21) 2022410715 **(22)** 16.12.2022
(54) PHARMACEUTICAL COMBINATION FOR THE TREATMENT OF THE RESPIRATORY INFECTION CAUSED BY SARS-COV-2
(51) Int. Cl.
A61K 31/12 (2006.01)
A61K 31/198 (2006.01)
A61P 11/02 (2006.01)
A61P 31/14 (2006.01)
(87) WO2023/111967
(31) MX/a/2021/016108 **(32)** 17.12.21 **(33)** MX
(43) 22.06.2023
(72) BARRANCO HERNÁNDEZ, Gustavo; SENOSIAIN ARROYO, Héctor
(74) James & Wells Intellectual Property
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- (71)** ALPHA ESS CO., LTD.
(11) AU-A-2022468688
(21) 2022468688 **(22)** 23.09.2022
(54) ENERGY STORAGE SYSTEM AND CONTROL METHOD AND APPARATUS THEREFOR, ELECTRONIC DEVICE, AND STORAGE MEDIUM
(51) Int. Cl.
H04L 47/50 (2022.01)
H02J 7/00 (2006.01)
(87) WO2024/007455
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(72) SI, Xiuli; LIU, Xiongjiang; ZHU, Songhua; SUN, Liyan; JIANG, Siwei; ZHANG, Haiyan
(74) Davies Collison Cave Pty Ltd
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- (71)** ALPHA ESS CO., LTD.
(11) AU-A-2022469423
(21) 2022469423 **(22)** 23.09.2022
(54) ENERGY STORAGE SYSTEM
(51) Int. Cl.
- H02J 7/00** (2006.01)
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(31) 202210834152.6 **(32)** 14.07.22 **(33)** CN
(43) 18.01.2024
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(74) Davies Collison Cave Pty Ltd
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- (71)** ALPHA ESS CO., LTD.
(11) AU-A-2022473400
(21) 2022473400 **(22)** 23.09.2022
(54) INTERLOCKING DEVICE, ENERGY STORAGE SYSTEM COMPRISING SAME, AND CONTROL METHOD AND DEVICE FOR ENERGY STORAGE SYSTEM
(51) Int. Cl.
H02J 7/00 (2006.01)
H02H 7/18 (2006.01)
H03K 19/0175 (2006.01)
H03K 19/14 (2006.01)
(87) WO2024/031795
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(74) Davies Collison Cave Pty Ltd
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(11) AU-A-2022417295
(21) 2022417295 **(22)** 20.05.2022
(54) METHOD FOR RECYCLING ELASTOMERS, RECYCLED ELASTOMERS, AND USE OF THE RECYCLED ELASTOMERS
(51) Int. Cl.
C08L 17/00 (2006.01)
B29B 17/00 (2006.01)
C07C 45/30 (2006.01)
C08C 19/00 (2006.01)
C08J 5/00 (2006.01)
C08J 11/10 (2006.01)
C08L 9/06 (2006.01)
(87) WO2023/115173
(31) BR1020210257164 **(32)** 20.12.21 **(33)** BR
(43) 29.06.2023
(72) ALVAREZ, Bernardo Barreto
(74) Spruson & Ferguson
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(54) USE OF N-(3-(4-(3-(DIISOBUTYLAMINO)PROPYL)PIPERAZIN-1-YL)PROPYL)-1H-BENZO[d]IMIDAZOL-2-AMINE SUCCINATE SALTS AND SOLVATES THEREOF FOR THE TREATMENT OF MOTOR NEURON DISEASES AND NEUROMUSCULAR JUNCTION DISORDERS
(51) Int. Cl.
A61K 31/4184 (2006.01)
A61P 21/04 (2006.01)
A61P 25/02 (2006.01)
A61P 25/14 (2006.01)
A61P 25/28 (2006.01)
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(31) 21306863.8 **(32)** 20.12.21 **(33)** EP
(43) 29.06.2023
(72) CALLIZOT, Noëlle; ESTRELLA, Cécilia; VERWAERDE, Philippe; BRANTIS, Cyrille; BURLET, Stéphane
(74) Spruson & Ferguson
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(11) AU-A-2022432793
(21) 2022432793 **(22)** 14.01.2022
(54) A TAMPER EVIDENT CLOSURE FOR A THREADED CONTAINER
(51) Int. Cl.
B65D 41/34 (2006.01)
(87) WO2023/136836
(43) 20.07.2023
(72) COLLINS, Jonathan; CARRE, Lionel Sylvain Olivier
(74) Origin Patent and Trade Mark Attorneys
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- (71)** AMGEN INC.
(11) AU-A-2023208644
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(54) METHODS FOR DETECTING ANTI-BODY SELF-ASSOCIATION
(51) Int. Cl.
G01N 33/543 (2006.01)
G01N 33/68 (2006.01)
(87) WO2023/141319
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(43) 63/306,842 04.02.22 US
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(72) SHEN, Yuqing; PELEGRI-O'DAY, Emma, Montserrat
(74) Spruson & Ferguson
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(11) AU-A-2023215171
(21) 2023215171 **(22)** 03.02.2023
(54) CRYSTALLINE SALT AND SOLVATE FORMS OF MURIZATOCLAX (AMG 397)
(51) Int. Cl.
C07D 519/00 (2006.01)
A61K 31/553 (2006.01)
A61P 35/00 (2006.01)
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(31) 63/306,781 **(32)** 04.02.22 **(33)** US
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(74) Spruson & Ferguson
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- (71)** AMGEN INC.
(11) AU-A-2023216691
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(51) Int. Cl.
C07D 519/00 (2006.01)
A61K 31/553 (2006.01)

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(74) Spruson & Ferguson

(71) AMOS POWER, INC.
(11) AU-A-2022427664
(21) 2022427664 **(22)** 16.05.2022
(54) MODULAR ROBOTIC VEHICLE
(51) Int. Cl.

B62D 55/06 (2006.01)
B62D 55/084 (2006.01)
B62D 55/125 (2006.01)
B62D 55/065 (2006.01)
(87) WO2023/129201
(31) 17/562,847 **(32)** 27.12.21 **(33)** US
(43) 06.07.2023
(72) BOE, Thomas, Cedric; WELLS, Parker; KOOISTRA, Zachary; BEELER, Forrest; BOE, Kyle; MACUCH, Louis; DUCHARME, Broc; ZWART, Terry
(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) ANAXIS PHARMA PTY LTD
(11) AU-A-2022420983
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(54) BIFUNCTIONAL SULPHONAMIDE COMPOUNDS
(51) Int. Cl.

C07D 401/14 (2006.01)
A61K 31/437 (2006.01)
A61K 31/4545 (2006.01)
A61K 31/513 (2006.01)
A61K 47/55 (2017.01)
A61P 1/00 (2006.01)
A61P 9/00 (2006.01)
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A61P 43/00 (2006.01)
C07D 417/14 (2006.01)

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(31) 2021904204 **(32)** 22.12.21 **(33)** AU
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(72) BRZOZOWSKI, Martin; GARNIER, Jean-Marc Daniel; GARDNER, Christopher; LESSENE, Guillaume Laurent; KERSTEN, Wilco
(74) FPA Patent Attorneys Pty Ltd

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(11) AU-A-2022421952
(21) 2022421952 **(22)** 22.12.2022
(54) ARYLSULPHONAMIDE COMPOUNDS
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C07D 471/04 (2006.01)

A61P 35/00 (2006.01)
C07D 487/04 (2006.01)
C07D 491/048 (2006.01)
C07D 519/00 (2006.01)
(87) WO2023/115142
(31) 2021904206 **(32)** 22.12.21 **(33)** AU
(43) 29.06.2023
(72) BRZOZOWSKI, Martin; POITEVIN, Christophe; GARNIER, Jean-Marc Daniel; GARDNER, Christopher; LESSENE, Guillaume Laurent; CZABOTAR, Peter Edward; SCHUSTER-KLEIN, Carole Annie; DAVIES, Katherine; COWAN, Angus; KERSTEN, Wilco
(74) FPA Patent Attorneys Pty Ltd

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(11) AU-A-2022422212
(21) 2022422212 **(22)** 22.12.2022
(54) BIFUNCTIONAL ARYLSULPHONAMIDE COMPOUNDS
(51) Int. Cl.

C07D 471/04 (2006.01)
A61K 31/437 (2006.01)
A61K 31/4545 (2006.01)
A61K 31/513 (2006.01)
A61K 47/55 (2017.01)
A61P 1/00 (2006.01)
A61P 9/00 (2006.01)
A61P 11/00 (2006.01)
A61P 19/00 (2006.01)
A61P 21/00 (2006.01)
A61P 25/00 (2006.01)
A61P 29/00 (2006.01)
A61P 31/00 (2006.01)
A61P 35/00 (2006.01)
A61P 37/00 (2006.01)
A61P 43/00 (2006.01)

(87) WO2023/115150
(31) 2021904198 **(32)** 22.12.21 **(33)** AU
(43) 29.06.2023
(72) GARNIER, Jean-Marc Daniel; GARDNER, Christopher; LESSENE, Guillaume Laurent
(74) FPA Patent Attorneys Pty Ltd

(71) ANNEXON, INC.
(11) AU-A-2022425559
(21) 2022425559 **(22)** 29.12.2022
(54) COMPOSITIONS AND METHODS FOR TREATING HUNTINGTON'S DISEASE
(51) Int. Cl.
C07K 16/18 (2006.01)
A61K 39/395 (2006.01)
G01N 33/00 (2006.01)
G01N 33/48 (2006.01)

(87) WO2023/130001
(31) 63/295,213 **(32)** 30.12.21 **(33)** US
(43) 06.07.2023
(72) MONGAN, Ann; YEDNOCK, Ted; CAHIR-MCFARLAND, Ellen
(74) Pearce IP Pty Ltd

(71) ANNEX PRODUCTS PTY. LTD.
(11) AU-A-2022410026
(21) 2022410026 **(22)** 14.12.2022

(54) WIRELESS CHARGER ASSEMBLY FOR A CELLPHONE
(51) Int. Cl.
H02J 50/10 (2016.01)
G06F 1/16 (2006.01)
H01F 27/02 (2006.01)
H02J 50/90 (2016.01)
H04B 1/3888 (2015.01)
H04B 5/00 (2006.01)
H05K 5/02 (2006.01)
(87) WO2023/111915
(31) 63/290,799 **(32)** 17.12.21 **(33)** US
(43) 17/859,528 07.07.22 US
(43) 22.06.2023
(72) PETERS, Christopher L.; SEBASTIANI, Marco
(74) Griffith Hack

(71) ANNEX PRODUCTS PTY. LTD.
(11) AU-A-2022410697
(21) 2022410697 **(22)** 14.12.2022
(54) WIRELESS CHARGER MOUNTING SYSTEM
(51) Int. Cl.
F16M 13/02 (2006.01)
G06F 1/16 (2006.01)
H02J 7/00 (2006.01)
H02J 50/00 (2016.01)
H02J 50/10 (2016.01)
H05K 5/00 (2006.01)
H05K 5/02 (2006.01)
(87) WO2023/111917
(31) 63/290,799 **(32)** 17.12.21 **(33)** US
(43) 17/859,512 07.07.22 US
(43) 22.06.2023
(72) PETERS, Christopher L.; SEBASTIANI, Marco
(74) Griffith Hack

(71) APPLIED MEDICAL RESOURCES CORPORATION
(11) AU-A-2023205897
(21) 2023205897 **(22)** 09.01.2023
(54) FORCE PERCEPTION MECHANISM FOR PHYSICAL LAPAROSCOPIC SIMULATION MODELS
(51) Int. Cl.
G09B 23/28 (2006.01)
(87) WO2023/133324
(31) 63/297,392 **(32)** 07.01.22 **(33)** US
(43) 13.07.2023
(72) GRILL, Daiane, Aizen; HOFSTETTER, Gregory, K.
(74) Griffith Hack

(71) APTAR FRANCE SAS
(11) AU-A-2022416913
(21) 2022416913 **(22)** 15.12.2022
(54) SPRAYING HEAD
(51) Int. Cl.
B05B 1/34 (2006.01)
A61M 11/00 (2006.01)
A61M 15/08 (2006.01)
B05B 11/10 (2023.01)
(87) WO2023/111470
(31) FR2113871 **(32)** 17.12.21 **(33)** FR
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(72) PETIT, Ludovic
(74) Griffith Hack

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 (11) AU-A-2022413551
 (21) 2022413551 (22) 14.12.2022
 (54) STABLE FORMULATIONS OF SHR0302
 (51) Int. Cl.
A61K 9/00 (2006.01)
A61K 9/113 (2006.01)
A61K 31/52 (2006.01)
A61K 47/08 (2006.01)
A61K 47/12 (2006.01)
A61K 47/18 (2017.01)
A61K 47/20 (2006.01)
A61P 29/00 (2006.01)
 (87) WO2023/114832
 (31) 63/289,780 (32) 15.12.21 (33) US
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- (71) ASAKA RIKEN CO., LTD.
 (11) AU-A-2022434298
 (21) 2022434298 (22) 28.12.2022
 (54) METHOD FOR RECOVERING LITHIUM FROM LITHIUM-SALT-CONTAINING AQUEOUS SOLUTION
 (51) Int. Cl.
C22B 26/12 (2006.01)
C01B 25/30 (2006.01)
C01B 25/36 (2006.01)
C01D 15/02 (2006.01)
C01D 15/08 (2006.01)
C01F 7/14B (2022.01)
C22B 3/22 (2006.01)
C22B 3/44 (2006.01)
C25B 1/16 (2006.01)
 (87) WO2023/140084
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 (43) 27.07.2023
 (72) YAMADA Keita; SAKUMA Yukio;
 HIRAOKA Taro; INOUE Hiroto
 (74) HENRY HUGHES IP LTD
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- (71) ASFI SPÓŁKA Z O.O.
 (11) AU-A-2022429418
 (21) 2022429418 (22) 04.11.2022
 (54) THE SYSTEM AND THE METHOD FOR RECOVERY OF WASTE HEAT ENERGY CONTAINED IN OIL IN AN OIL-COOLED AIR COMPRESSOR
 (51) Int. Cl.
F04C 29/00 (2006.01)
F04B 39/06 (2006.01)
F04C 18/16 (2006.01)
F04C 29/04 (2006.01)
F24H 7/00 (2022.01)
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 (31) P.440055 (32) 31.12.21 (33) PL
 (43) 06.07.2023
 (72) BARTCZAK, Mateusz; BARTCZAK,
 Łukasz; BARTCZAK, Grzegorz
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 (21) 2022423990 (22) 28.12.2022
 (54) SYSTEM, METHOD, AND COMPUTER PROGRAM PRODUCT FOR LOCATION AWARE DEVICE FAULT DETECTION
 (51) Int. Cl.
G06F 11/34 (2006.01)
G06F 11/07 (2006.01)
G06F 11/22 (2006.01)
G06N 3/08 (2023.01)
H04L 41/06 (2022.01)
H04W 24/08 (2009.01)
H04W 48/00 (2009.01)
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 (31) 63/266,225 (32) 30.12.21 (33) US
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 (72) IONESCU, Mircea; MCLAUGHLIN,
 Patrick, Scott
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 (54) APPARATUSES, COMPUTER-IMPLEMENTED METHODS, AND COMPUTER PROGRAM PRODUCTS FOR NETWORK-CENTRIC AUGMENTED REALITY PROCESSING
 (51) Int. Cl.
G06T 11/20 (2006.01)
G06T 11/60 (2006.01)
H04W 24/10 (2009.01)
 (87) WO2023/129950
 (31) 63/266,232 (32) 30.12.21 (33) US
 (43) 06.07.2023
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 (74) Spruson & Ferguson
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- (71) ATOSSA THERAPEUTICS, INC.
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 (54) COMPOSITIONS OF (Z)-ENDOXIFEN AND METHODS OF ENRICHMENT THEREOF
 (51) Int. Cl.
C07C 213/08 (2006.01)
C07C 213/10 (2006.01)
C07C 217/20 (2006.01)
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 Kun-Chih; HSU, Chia-Chen; QUAY,
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 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
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- (71) AURA NETWORK SYSTEMS, INC.
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 (54) SYSTEMS AND METHODS FOR IMPLEMENTING AN AIR TRAFFIC CONTROL VOICE RELAY FOR UNMANNED AIRCRAFT SYSTEMS OVER AN AVIATION NETWORK
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 (54) METHODS AND TREATMENT FOR ADULT-ONSET STILL'S DISEASE AND SYSTEMIC-ONSET JUVENILE IDIOPATHIC ARTHRITIS INVOLVING ANTIBODIES TO IL-18
 (51) Int. Cl.
C07K 16/24 (2006.01)
A61K 38/17 (2006.01)
G01N 33/68 (2006.01)
 (87) WO2023/121643
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 (72) NEIL, Garry A.; WILKINS, H. Jeffrey
 (74) FB Rice Pty Ltd
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 (11) AU-A-2021474103
 (21) 2021474103 (22) 18.11.2021
 (54) COMBINATION THERAPY FOR TREATMENT OF CANCER
 (51) Int. Cl.
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
A61P 35/04 (2006.01)
G01N 33/569 (2006.01)
 (87) WO2023/091137
 (43) 25.05.2023
 (72) BAUMAN, Julie E.
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 (21) 2023245174 (22) 15.03.2023
 (54) SAWTOOTH STATION, BIDIRECTIONAL SAWTOOTH PLATFORM, CAR TETHER, AND ELEVATED AUTONOMOUS PEOPLE MOVER SYSTEM
 (51) Int. Cl.
E01F 1/00 (2006.01)
B61B 1/02 (2006.01)
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- (71) BASF AGRICULTURAL SOLUTIONS SEED US LLC
 (11) AU-A-2022417496
 (21) 2022417496 (22) 21.12.2022
 (54) USE OF TAWOX FOR IMPROVING REGENERATION OF PLANT CELLS
 (51) Int. Cl.
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- (71) G08G 5/00 (2006.01)
 H04B 7/185 (2006.01)
 H04L 45/00 (2022.01)
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A01H 4/00 (2006.01)
C07K 14/415 (2006.01)
C12N 5/14 (2006.01)
C12N 9/22 (2006.01)
C12N 15/82 (2006.01)
 C12N 15/11 (2006.01)
 C12N 15/29 (2006.01)
(87) WO2023/122640
(31) 21216778.7 (32) 22.12.21 (33) EP
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(72) GOLDS, Timothy James; SAIDI, Younouss; BOSSIER, Eveline; VAN AUDENHOVE, Katrien
(74) Griffith Hack
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- (71) BASF AGRICULTURAL SOLUTIONS SEED US LLC
(11) AU-A-2022422286
(21) 2022422286 (22) 20.12.2022
(54) IMPROVED SCREENING METHOD FOR GENOME EDITED EVENTS
(51) Int. Cl.
A01H 1/04 (2006.01)
C12Q 1/6895 (2018.01)
(87) WO2023/118136
(31) 21216795.1 (32) 22.12.21 (33) EP
(43) 29.06.2023
(72) GOLDS, Timothy James; DE VLEESSCHAUWER, David; BOSSIER, Eveline; D'HALLUIN, Katelijjn; MEULEWAETER, Frank
(74) Griffith Hack
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- (71) BASF SE
(11) AU-A-2022413641
(21) 2022413641 (22) 16.12.2022
(54) CHROMATOGRAPHIC SEPARATION PROCESS FOR EFFICIENT PURIFICATION OF POLYUNSATURATED FATTY ACIDS
(51) Int. Cl.
B01D 15/18 (2006.01)
B01J 20/28 (2006.01)
B01J 20/283 (2006.01)
C07C 67/56 (2006.01)
C11B 3/10 (2006.01)
C11C 1/08 (2006.01)
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(72) SÁ GOMES, Pedro; MORRISON, Angus; BILLING, Johan Fredrik; MACARTHUR, Iseabal
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(21) 2022422307 (22) 22.12.2022
(54) USE OF POLYMER DISPERSIONS IN WATERBORNE COATING FORMULATIONS AND POLYMER DISPERSIONS THEREFOR
(51) Int. Cl.
C08F 2/26 (2006.01)
C08F 220/14 (2006.01)
C08F 220/18 (2006.01)
C09D 133/08 (2006.01)
C09D 133/12 (2006.01)
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(31) 21217412.2 (32) 23.12.21 (33) EP
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(21) 2022433412 (22) 10.10.2022
(54) HULL STRUCTURE FOR A SEMI-SUBMERSIBLE WIND POWER TURBINE PLATFORM
(51) Int. Cl.
B63B 1/12 (2006.01)
B63B 35/00 (2020.01)
B63B 35/44 (2006.01)
B63B 77/10 (2020.01)
(87) WO2023/134889
(31) 2250021-9 (32) 14.01.22 (33) SE
 2250022-7 14.01.22 SE
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 2251139-8 30.09.22 SE
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(74) Griffith Hack
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(11) AU-A-2022417007
(21) 2022417007 (22) 23.11.2022
(54) REFILLABLE PERSONAL HYGIENE PRODUCT DISPENSER
(51) Int. Cl.
A46B 11/02 (2006.01)
A45D 40/04 (2006.01)
A45D 40/16 (2006.01)
A47K 7/03 (2006.01)
A47L 1/15 (2006.01)
A47L 13/17 (2006.01)
A47L 17/08 (2006.01)
(87) WO2023/108256
(31) 3142766 (32) 17.12.21 (33) CA
 3147337 01.02.22 CA
 3178005 30.09.22 CA
(43) 22.06.2023
(72) ROBERTS, James; HANSEN, Todd
(74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD
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(11) AU-A-2022422563
(21) 2022422563 (22) 23.12.2022
(54) THERAPY FOR MODULATING IMMUNE RESPONSE WITH RECOMBINANT MVA ENCODING IL-12
(51) Int. Cl.
A61K 39/00 (2006.01)
C12N 15/86 (2006.01)
(87) WO2023/118563
(31) 63/293,170 (32) 23.12.21 (33) US
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- (71) BAXTER INTERNATIONAL INC.; BAXTER HEALTHCARE SA
(11) AU-A-2022420480
(21) 2022420480 (22) 16.12.2022
(54) BODY-WORN DEVICE FOR MEASURING BLOOD FLOW
(51) Int. Cl.
A61B 5/0295 (2006.01)
A61B 5/0538 (2021.01)
 A61B 5/026 (2006.01)
(87) WO2023/122493
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(74) K&L Gates
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- (71) BAXTER INTERNATIONAL INC.; BAXTER HEALTHCARE SA
(11) AU-A-2022425536
(21) 2022425536 (22) 28.12.2022
(54) PERITONEAL DIALYSIS CYCLER HAVING DECREASED PH DISINFECTION
(51) Int. Cl.
A61M 1/28 (2006.01)
(87) WO2023/129945
(31) 63/294,172 (32) 28.12.21 (33) US
(43) 06.07.2023
(72) NILSSON, Markus; PETTERSSON, Michael; FALLMAN, Oskar Erik Frode Styrbjorn; BORGQUIST, Per-Olof; SANDBLAD, Sophie
(74) K&L Gates
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- (71) BAXTER INTERNATIONAL INC.; BAXTER HEALTHCARE SA; LEUKOCARE AG
(11) AU-A-2022426762
(21) 2022426762 (22) 09.12.2022
(54) FIBRINOGEN AND THROMBIN SOLUTIONS FOR A FIBRIN SEALANT AND FIBRIN SEALANT KIT
(51) Int. Cl.
A61L 24/10 (2006.01)
(87) WO2023/129802
(31) 63/266,239 (32) 30.12.21 (33) US
(43) 06.07.2023
(72) GULLE, Heinz; SINGH, Rahul Kumar; RABAS, Julia; REINAUER, Eva; GROSSO, Stella
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- (71) BAYER AKTIENGESELLSCHAFT
(11) AU-A-2022418121
(21) 2022418121 (22) 20.12.2022

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- (54) COMBINATION OF AN A2-ADRENOCEPTOR SUBTYPE C (ALPHA-2C) ANTAGONIST WITH A NOREPINEPHRINE REUPTAKE INHIBITOR FOR THE TREATMENT OF SLEEP APNEA
(51) Int. Cl.
A61K 31/138 (2006.01)
A61K 31/425 (2006.01)
A61K 45/06 (2006.01)
A61P 11/00 (2006.01)
(87) WO2023/118123
(31) 21216872.8 (32) 22.12.21 (33) EP
(43) 29.06.2023
(72) DELBECK, Martina; HAHN, Michael
(74) Davies Collison Cave Pty Ltd
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- (71) BAYER AKTIENGESELLSCHAFT
(11) AU-A-2022420723
(21) 2022420723 (22) 20.12.2022
(54) COMBINATION OF A TASK1/3 CHANNEL BLOCKER WITH A P2X3 RECEPTOR ANTAGONIST FOR THE TREATMENT OF SLEEP APNEA
(51) Int. Cl.
A61K 31/437 (2006.01)
A61K 31/4995 (2006.01)
A61K 31/505 (2006.01)
A61K 31/506 (2006.01)
A61K 31/519 (2006.01)
A61K 31/53 (2006.01)
A61K 31/537 (2006.01)
A61K 31/5377 (2006.01)
A61K 31/5386 (2006.01)
A61P 11/00 (2006.01)
A61P 25/20 (2006.01)
(87) WO2023/118122
(31) 21216886.8 (32) 22.12.21 (33) EP
(43) 29.06.2023
(72) DELBECK, Martina; HAHN, Michael
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- (71) BAYER AKTIENGESELLSCHAFT
(11) AU-A-2022422284
(21) 2022422284 (22) 20.12.2022
(54) COMBINATION OF A TASK1/3 CHANNEL BLOCKER WITH A NOREPINEPHRINE REUPTAKE INHIBITOR FOR THE TREATMENT OF SLEEP APNEA
(51) Int. Cl.
A61K 31/437 (2006.01)
A61K 31/138 (2006.01)
A61K 31/4995 (2006.01)
A61K 31/505 (2006.01)
A61K 31/506 (2006.01)
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A61K 31/5386 (2006.01)
A61K 45/06 (2006.01)
A61P 11/00 (2006.01)
A61P 25/20 (2006.01)
(87) WO2023/118126
(31) 21216885.0 (32) 22.12.21 (33) EP
(43) 29.06.2023
(72) DELBECK, Martina; HAHN, Michael
(74) Davies Collison Cave Pty Ltd
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- (71) BAYER AKTIENGESELLSCHAFT;
BAYER PHARMA AKTIENGESELLSCHAFT
(11) AU-A-2022424376
(21) 2022424376 (22) 28.12.2022
(54) TREATMENT OF CARDIOPULMONARY DISORDERS
(51) Int. Cl.
A61K 31/4709 (2006.01)
A61K 9/00 (2006.01)
A61P 11/08 (2006.01)
(87) WO2023/126437
(31) 21218165.5 (32) 29.12.21 (33) EP
(43) 06.07.2023
(72) BECKER-PELSTER, Eva, Maria; TINEL, Hanna; HAHN, Michael; LANG, Dieter; WEIMANN, Gerrit; NAGELSCHMITZ, Johannes; DIETZ, Lisa; SALEH, Soundos; JUNG, David; TEREBESI, Ildiko; MUNDRY, Tobias; RICHTER, Annett; OLENIK, Britta; KEIL, Birgit; RÖSLER, Bernd; FEY, Peter; SCHIRMER, Heiko; BECKER, Guido; BOTHE, Clemens; FABER, Helene; EGGER, Julian; PARRY, Mark; WARD, David; VITRE, Cecile
(74) RnB IP Pty Ltd
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BAYER PHARMA AKTIENGESELLSCHAFT
(11) AU-A-2022427770
(21) 2022427770 (22) 28.12.2022
(54) PHARMACEUTICAL DRY POWDER INHALATION FORMULATION
(51) Int. Cl.
A61K 9/00 (2006.01)
A61K 9/14 (2006.01)
A61K 31/4709 (2006.01)
(87) WO2023/126438
(31) 21218160.6 (32) 29.12.21 (33) EP
(43) 06.07.2023
(72) MUNDRY, Tobias; TEREBESI, Ildiko; RICHTER, Annett; OLENIK, Britta; KEIL, Birgit; RÖSLER, Bernd; FEY, Peter; SCHIRMER, Heiko; BECKER, Guido; BOTHE, Clemens; FABER, Helene; EGGER, Julian; BECKER-PELSTER, Eva Maria; TINEL, Hanna; HAHN, Michael; LANG, Dieter; WEIMANN, Gerrit; NAGELSCHMITZ, Johannes; DIETZ, Lisa; SALEH, Soundos; JUNG, David; PARRY, Mark; WARD, David; VITRE, Cecile
(74) RnB IP Pty Ltd
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BAYER PHARMA AKTIENGESELLSCHAFT
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(21) 2022429647 (22) 28.12.2022
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FOR USE AS PHARMACEUTICALLY ACTIVE COMPOUND
(51) Int. Cl.
C07D 215/48 (2006.01)
A61K 31/47 (2006.01)
A61P 11/00 (2006.01)
(87) WO2023/126436
(31) 21218163.0 (32) 29.12.21 (33) EP
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(54) CRISPR ENZYMES, METHZODS, SYSTEMS AND USES THEREOF
(51) Int. Cl.
C12N 15/67 (2006.01)
C12N 9/22 (2006.01)
C12N 15/11 (2006.01)
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(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
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A47K 7/04 (2006.01)
A41H 33/00 (2006.01)
A45D 34/00 (2006.01)
A61N 5/06 (2006.01)
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A61M 5/142 (2006.01)
A61M 5/00 (2006.01)
A61M 5/14 (2006.01)
A61M 5/168 (2006.01)
A61M 5/172 (2006.01)
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A61K 31/4745 (2006.01)
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A61K 31/41 (2006.01)
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A61K 47/54 (2017.01)
A61P 35/00 (2006.01)
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B65D 21/02 (2006.01)
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B65D 25/00 (2006.01)
B65D 43/02 (2006.01)
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B01L 3/00 (2006.01)
G01N 15/04 (2006.01)
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 (54) METHODS AND COMPOSITIONS FOR TREATMENT OF INFLAMMATORY DISEASE
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 C12N 1/19 (2006.01)
 C07K 14/705 (2006.01)
 C12N 15/09 (2006.01)
 C12N 15/62 (2006.01)
 C07K 14/415 (2006.01)
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 A61F 2/95 (2013.01)
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 (51) Int. Cl.
 A61N 1/36 (2006.01)
 A61B 5/11 (2006.01)
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 B09B 3/20 (2022.01)
 A23K 10/26 (2016.01)
 A23K 10/37 (2016.01)
 A23K 30/00 (2016.01)
 A23K 40/10 (2016.01)
 B09B 3/35 (2022.01)
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 B65F 1/14 (2006.01)
 B09B 101/70 (2022.01)
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 (54) DEVICE TO REMOVE A COFFEE PUCK
 (51) Int. Cl.
 B65F 1/12 (2006.01)
 A47J 31/06 (2006.01)
 A47J 31/44 (2006.01)
 A47J 31/60 (2006.01)
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 (11) AU-A-2022420972
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 (54) A COFFEE MACHINE WITH A GRINDER
 (51) Int. Cl.
 A47J 31/06 (2006.01)
 A47J 31/24 (2006.01)
 A47J 31/40 (2006.01)
 A47J 31/42 (2006.01)
 A47J 31/44 (2006.01)
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 (74) GLMR
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 (11) AU-A-2022420972
 (21) 2022420972 (22) 23.06.2022
 (54) A COFFEE MACHINE WITH A GRINDER
 (51) Int. Cl.
 A47J 31/06 (2006.01)
 A47J 31/24 (2006.01)
 A47J 31/40 (2006.01)
 A47J 31/42 (2006.01)
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 (54) DEVICE AND METHOD FOR FORMING A PRODUCT THAT IMITATES PROPERTIES OF MEAT, POULTRY, FISH, SEAFOOD, OR PRODUCTS DERIVED THEREFROM
 (51) Int. Cl.
 A23J 3/22 (2006.01)
 A22C 7/00 (2006.01)
 A23P 30/10 (2016.01)
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 (31) 21217503.8 (32) 23.12.21 (33) EP 10.02.22 EP
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 (54) DEVICE AND METHOD FOR FORMING A PRODUCT THAT IMITATES PROPERTIES OF MEAT, POULTRY, FISH, SEAFOOD, DAIRY PRODUCTS, OR PRODUCTS DERIVED THEREFROM
 (51) Int. Cl.
 A23J 3/22 (2006.01)
 A22C 7/00 (2006.01)
 A23P 30/10 (2016.01)
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 (54) AN APPARATUS AND METHOD FOR HANDLING BULK MATERIALS
 (51) Int. Cl.
 B65D 88/56 (2006.01)
 B65D 90/00 (2006.01)
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 B66C 1/10 (2006.01)
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 (54) AUTOMATED CATEGORIZATION OF GROUPS IN A SOCIAL NETWORK
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G06Q 50/00 (2012.01)
G06Q 10/101 (2023.01)
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G06Q 30/0251 (2023.01)
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 (21) 2022419914 (22) 16.12.2022
 (54) MAGNETIC TITANIUM-BASED LITHIUM ADSORBENT AND PREPARATION METHOD THEREFOR
 (51) Int. Cl.
B01J 20/06 (2006.01)
B01J 20/28 (2006.01)
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C01D 15/00 (2006.01)
C02F 1/28 (2023.01)
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A61K 47/68 (2017.01)
A61P 31/00 (2006.01)
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 (72) CHADEAYNE, Andrew, R.
 (74) Allens Patent & Trade Mark Attorneys

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B01D 53/02 (2006.01)
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 (51) Int. Cl.
C11B 3/12 (2006.01)
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 (72) BRUSE, Falk; LYKOMITROS, Dimitris; VAN ROSSUM, Gijsbertus Johannes
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(71) CARGILL, INCORPORATED
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 (21) 2022419565 (22) 20.12.2022
 (54) PROCESS FOR REMOVING IMPURITIES FROM VEGETABLE OIL
 (51) Int. Cl.
C11B 3/12 (2006.01)
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 (31) 21216693.8 (32) 21.12.21 (33) EP
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 (51) Int. Cl.
C11B 3/12 (2006.01)
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- (71) CASALE SA
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 (54) MIXING SYSTEM
 (51) Int. Cl.
B01F 23/10 (2022.01)
B01D 53/14 (2006.01)
B01D 53/56 (2006.01)
B01D 53/90 (2006.01)
B01F 25/313 (2022.01)
 (87) WO2023/144029
 (31) 22153467.0 (32) 26.01.22 (33) EP
 (43) 03.08.2023
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- (71) CASALE SA
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 (54) PROCESS FOR TREATING A NOX CONTAINING GAS
 (51) Int. Cl.
C22B 3/06 (2006.01)
B01D 53/00 (2006.01)
B01D 53/34 (2006.01)
B01D 53/56 (2006.01)
B01D 53/78 (2006.01)
C22B 3/00 (2006.01)
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 (21) 2022417901 (22) 09.12.2022
 (54) ELECTRONIC DEVICE AND METHOD FOR MANUFACTURING ELECTRONIC DEVICE
 (51) Int. Cl.
H01H 13/14 (2006.01)
H01H 3/12 (2006.01)
H01H 11/00 (2006.01)
 (87) WO2023/120248
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 (72) EGUCHI Hiroki
 (74) Griffith Hack
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G01S 17/86 (2020.01)
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 (54) METHOD FOR MONITORING DESTROYING DEPTH OF COAL SEAM FLOOR DURING MINING
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G01N 33/24 (2006.01)
G01B 11/16 (2006.01)
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 (74) Davies Collison Cave Pty Ltd
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 (54) UPLINK TRANSMISSION METHOD AND APPARATUS, NETWORK NODE AND STORAGE MEDIUM
 (51) Int. Cl.
H04W 72/04 (2023.01)
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 (43) 22.06.2023
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 (74) Michael Buck IP
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 (11) AU-A-2022420284
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 (54) METHOD FOR MANUFACTURING PARAXYLENE
 (51) Int. Cl.
C07C 1/04 (2006.01)
C07C 1/24 (2006.01)
C07C 15/08 (2006.01)
C07C 29/151 (2006.01)
C07C 31/04 (2006.01)
C07B 61/00 (2006.01)
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 (51) Int. Cl.
A23P 30/20 (2016.01)
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 (11) AU-A-2022429951
 (21) 2022429951 (22) 30.12.2022
 (54) ORAL CARE COMPOSITIONS AND METHODS OF USE
 (51) Int. Cl.
A61Q 11/00 (2006.01)
A61K 8/19 (2006.01)
A61K 8/25 (2006.01)
A61K 8/27 (2006.01)
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 (31) 63/295,168 (32) 30.12.21 (33) US
 (43) 06.07.2023
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 (11) AU-A-2022431643
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 (54) ORAL CARE COMPOSITIONS AND METHODS FOR THE SAME
 (51) Int. Cl.
A61K 8/34 (2006.01)
A61K 8/36 (2006.01)
A61Q 11/00 (2006.01)
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 (54) ORAL GEL COMPOSITIONS
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A61K 9/00 (2006.01)
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C12N 15/82 (2006.01)
A01H 1/00 (2006.01)
A01H 6/60 (2018.01)
C07K 14/415 (2006.01)
C07K 14/435 (2006.01)
C12N 9/02 (2006.01)
C12N 9/10 (2006.01)
C12N 15/52 (2006.01)
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 Xiaoqing; MITCHELL, Madeline
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 (21) 2023211572 (22) 25.01.2023
 (54) SYSTEMS, APPARATUS AND METH-
 ODS FOR AUTOMATICALLY TESTING
 SECURITY ALARM DEVICES
 (51) Int. Cl.
G05B 1/01 (2006.01)
G05B 23/02 (2006.01)
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 (31) 63/302,602 (32) 25.01.22 (33) US
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 IGACIONES CIENTÍFICAS (CSIC);
 ONECHAIN IMMUNOTHERAPEUTICS
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 (54) METHOD OF PRODUCING VDELTA1+
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C12N 5/0783 (2010.01)
C07K 14/705 (2006.01)
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 PÉREZ, Laura; DÍAZ CORTÉS, Víctor
 Manuel
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 (11) AU-A-2022419439
 (21) 2022419439 (22) 20.12.2022
 (54) POWDER COMPOSITION
 (51) Int. Cl.
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A61K 9/16 (2006.01)
A61K 9/50 (2006.01)
A61K 31/00 (2006.01)
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 (72) MUNRO, Hugh Semple; BOOTE, Nick;
 HORNER, Alan
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 (21) 2022422475 (22) 20.12.2022
 (54) POWDER COMPOSITION
 (51) Int. Cl.
A61K 9/00 (2006.01)
A61K 9/16 (2006.01)
A61K 33/00 (2006.01)
A61P 11/00 (2006.01)
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 HORNER, Alan
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 (54) CONTACT LENSES AND METHODS
 RELATING THERETO
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G02C 7/04 (2006.01)
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 CHAMBERLAIN, Paul; ARUMUGAN,
 Baskar; HAMMOND, David S.
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 (21) 2022417485 (22) 20.12.2022
 (54) PIPERAZINE INDAZOLE GLUCOCOR-
 TICOID RECEPTOR ANTAGONISTS
 (51) Int. Cl.
C07D 403/14 (2006.01)
- A61K 31/496** (2006.01)
A61K 31/551 (2006.01)
A61P 5/38 (2006.01)
A61P 25/28 (2006.01)
A61P 35/00 (2006.01)
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 63/368,413 14.07.22 US
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 William; WASZKOWYCZ, Bohdan;
 HUNT, Hazel Joan; MORRISON, An-
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 Jonathan; FORDYCE, Euan
 (74) PHILLIPS ORMONDE FITZPATRICK
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 PORATED
 (11) AU-A-2022421212
 (21) 2022421212 (22) 20.12.2022
 (54) BICYCLIC INDAZOLE GLUCOCOR-
 TICOID RECEPTOR ANTAGONISTS
 (51) Int. Cl.
C07D 403/04 (2006.01)
A61K 31/416 (2006.01)
A61K 31/4439 (2006.01)
A61P 5/38 (2006.01)
A61P 25/28 (2006.01)
A61P 35/00 (2006.01)
C07D 401/14 (2006.01)
 (87) WO2023/122594
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 JOUANNEAU, Morgan; MILLS, Mark;
 PHILLIPS, Andrew William; SMITH, An-
 drew James; HUNT, Hazel Joan; HUNT,
 Peter
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- (71) CORNELL PUMP COMPANY LLC
 (11) AU-A-2022427727
 (21) 2022427727 (22) 21.12.2022
 (54) CONFIGURABLE BASE PLATE SYS-
 TEM FOR INDUSTRIAL PUMPS
 (51) Int. Cl.
F04B 17/03 (2006.01)
F04B 35/04 (2006.01)
F04B 53/22 (2006.01)
 (87) WO2023/129846
 (31) 63/295,969 (32) 03.01.22 (33) US
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 ENTERLINE, Andrew
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 DUSTRIAL RESEARCH
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 (21) 2022392468 (22) 02.11.2022
 (54) ALCOHOL-FREE ANTIMICROBIAL
 HAND SANITIZER
 (51) Int. Cl.
A61K 8/06 (2006.01)
A61K 8/34 (2006.01)
A61K 8/35 (2006.01)
A61K 8/36 (2006.01)
A61K 8/365 (2006.01)

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A61K 8/64 (2006.01)
A61K 8/73 (2006.01)
A61K 8/81 (2006.01)
A61K 8/86 (2006.01)
A61K 9/107 (2006.01)
A61Q 17/00 (2006.01)
(87) WO2023/089433
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(74) Allens Patent & Trade Mark Attorneys
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(11) AU-A-2022428094
(21) 2022428094 **(22)** 15.12.2022
(54) WASHED SULFUR IMPREGNATED 3D CARBONIZED CARBON NANOFIBER FOAM (SCCNF-F-AW) FOR LITHIUM SULFUR BATTERY AND PROCESS FOR PREPARATION THEREOF
(51) Int. Cl.
H01M 4/139 (2010.01)
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(21) 2023237871 **(22)** 21.03.2023
(54) A FUNCTIONAL PV POWERED FACILITATED WATER ELECTROLYZER SYSTEM FOR SOLAR HYDROGEN GENERATION AND PROCESSES THEREOF
(51) Int. Cl.
H01L 31/04 (2014.01)
C25B 1/04 (2021.01)
C25B 15/00 (2006.01)
(87) WO2023/181071
(31) 202211016562 **(32)** 23.03.22 **(33)** IN
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(21) 2022434016 **(22)** 29.12.2022
(54) MATTRESS ASSEMBLY AND FURNITURE INCLUDING SAME
(51) Int. Cl.
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- A47C 27/08** (2006.01)
A47C 27/10 (2006.01)
A47C 31/12 (2006.01)
F04B 39/10 (2006.01)
F04B 49/00 (2006.01)
F04B 49/22 (2006.01)
(87) WO2023/136513
(31) 10-2022-0004954 **(32)** 13.01.22 **(33)** KR
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(72) OH, Dong Min; KIM, Jong Min; KANG, Byung Il
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- (71)** CREATIVEQUANTUM GMBH
(11) AU-A-2022429622
(21) 2022429622 **(22)** 22.12.2022
(54) PROCESS FOR THE CONTINUOUS PRODUCTION OF METHANOL
(51) Int. Cl.
C07C 29/152 (2006.01)
C07C 29/153 (2006.01)
C07C 31/04 (2006.01)
(87) WO2023/126310
(31) 10 2021 006 375.9 **(32)** 28.12.21 **(33)** DE
(43) 06.07.2023
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(74) Michael Buck IP
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(21) 2023215827 **(22)** 30.01.2023
(54) HEAT INTEGRATION
(51) Int. Cl.
B01D 3/00 (2006.01)
C07C 29/151 (2006.01)
C07C 31/04 (2006.01)
C10G 2/00 (2006.01)
F22D 1/32 (2006.01)
(87) WO2023/148605
(31) 63/305,392 **(32)** 01.02.22 **(33)** US
(43) 10.08.2023
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(11) AU-A-2023218868
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(54) PARTICLE-DRYING APPARATUS WITH RECYCLING OF A PORTION OF THE HOT GAS
(51) Int. Cl.
F26B 17/00 (2006.01)
F26B 21/02 (2006.01)
F26B 21/06 (2006.01)
(87) WO2023/151990
(31) BE2022/5095 **(32)** 14.02.22 **(33)** BE
(43) 17.08.2023
(72) CROSSET, Léon
(74) FPA Patent Attorneys Pty Ltd
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- (71)** CSPC MEGALITH BIOPHARMACEUTICAL CO., LTD.
(11) AU-A-2022389555
(21) 2022389555 **(22)** 17.11.2022
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- (54)** ANTIBODY-DRUG CONJUGATE AND USE THEREOF
(51) Int. Cl.
A61K 47/68 (2017.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
(87) WO2023/088382
(31) 202111365644.7 **(32)** 17.11.21 **(33)** CN
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(74) Churchill Attorneys
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- (71)** CSP TECHNOLOGIES, INC.
(11) AU-A-2023222087
(21) 2023222087 **(22)** 17.02.2023
(54) SYSTEMS, APPARATUS AND METHODS FOR STERILIZING AN OBJECT USING A SELF-CONTAINED STERILIZATION CHAMBER
(51) Int. Cl.
A61L 2/20 (2006.01)
A61L 9/16 (2006.01)
(87) WO2023/159158
(31) 63/268,164 **(32)** 17.02.22 **(33)** US
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(54) UROKINASE-TYPE PLASMINOGEN ACTIVATOR RECEPTOR (UPAR)-PET/CT IN HEAD AND NECK SQUAMOUS CELL CARCINOMAS (HNSCCS)
(51) Int. Cl.
A61K 51/08 (2006.01)
A61P 35/00 (2006.01)
(87) WO2023/099472
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(72) KJÆR, Andreas
(74) FPA Patent Attorneys Pty Ltd
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- (71)** CYTEC INDUSTRIES INC.
(11) AU-A-2022429675
(21) 2022429675 **(22)** 22.12.2022
(54) POLYMER COMPOSITIONS HAVING DENSIFICATION ACCELERATORS AND ROTATIONAL MOLDING PROCESSES FOR MAKING HOLLOW ARTICLES THEREFROM
(51) Int. Cl.
B29C 41/00 (2006.01)
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 (21) 2022408269 (22) 31.10.2022
 (54) VENTILATION SYSTEM
 (51) Int. Cl.
 F24F 7/007 (2006.01)
 F04D 27/00 (2006.01)
 F24F 7/08 (2006.01)
 F24F 11/32 (2018.01)
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 (31) 2021-205442 (32) 17.12.21 (33) JP
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 F24F 7/08 (2006.01)
 F24F 11/74 (2018.01)
 F24F 110/70 (2018.01)
 F24F 120/10 (2018.01)
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 F28D 9/00 (2006.01)
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 G01S 19/36 (2010.01)
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 H04B 1/00 (2006.01)
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 (51) Int. Cl.
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 H01M 8/1213 (2016.01)
 C25B 1/042 (2021.01)
 C25B 9/00 (2021.01)
 C25B 9/23 (2021.01)
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A61F 11/00 (2022.01)
A61H 9/00 (2006.01)
A61J 9/04 (2006.01)
A61M 13/00 (2006.01)
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E02D 29/14 (2006.01)
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A61K 38/46 (2006.01)
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A61K 31/713 (2006.01)
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G01S 7/40 (2006.01)
A61B 5/00 (2006.01)
A61B 5/0507 (2021.01)
G01R 33/58 (2006.01)
G01R 35/00 (2006.01)
G01S 13/89 (2006.01)
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H01M 8/06 (2016.01)
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G06N 3/0464 (2023.01)
G06F 17/14 (2006.01)
G06F 21/60 (2013.01)
G06N 3/09 (2023.01)
G06Q 10/0635 (2023.01)
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A61L 15/44 (2006.01)
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(54) SANITARY ARTICLE COMPRISING A WATER-SOLUBLE DRY COATING COMPRISING SKIN BENEFICIAL ADDITIVES
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A61F 13/511 (2006.01)
A61F 13/84 (2006.01)
A61L 15/16 (2006.01)
A61L 15/20 (2006.01)
(87) WO2023/169647
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A61F 13/47 (2006.01)
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F03D 13/40 (2016.01)
E04H 12/12 (2006.01)
F03D 13/10 (2016.01)
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C12Q 1/686 (2018.01)
C12Q 1/6886 (2018.01)
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 (74) FPA Patent Attorneys Pty Ltd
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B60H 1/32 (2006.01)
F25B 41/00 (2021.01)
F28D 5/00 (2006.01)
F28D 5/02 (2006.01)
F28F 25/08 (2006.01)
F28C 1/00 (2006.01)
F28C 1/02 (2006.01)
F28C 1/14 (2006.01)
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 (72) STRUDER, Gordon; GOPALAN, Shridhar
 (74) Davies Collison Cave Pty Ltd
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- (71) EVAXION BIOTECH A/S
 (11) AU-A-2022409746
 (21) 2022409746 (22) 16.12.2022
 (54) PERSONALIZED CANCER THERAPY TARGETING NORMALLY NON-EXPRESSED SEQUENCES
 (51) Int. Cl.
G16B 25/10 (2019.01)
G16B 20/30 (2019.01)
- (87) WO2023/111306
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 (72) GARDE, Christian; TROLLE, Thomas; KRINGELUM, Jens Vindahl; GARCES, Pablo; JAPPE, Emma Christine
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
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 (11) AU-A-2023211077
 (21) 2023211077 (22) 25.01.2023
 (54) NEW HETEROCYCLIC COMPOUNDS
 (51) Int. Cl.
C07D 401/14 (2006.01)
A61K 31/4196 (2006.01)
A61K 31/4439 (2006.01)
A61K 31/496 (2006.01)
A61K 31/501 (2006.01)
A61K 31/506 (2006.01)
A61P 25/04 (2006.01)
A61P 25/24 (2006.01)
A61P 25/28 (2006.01)
A61P 29/00 (2006.01)
A61P 35/00 (2006.01)
C07D 403/14 (2006.01)
C07D 413/14 (2006.01)
C07D 471/10 (2006.01)
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- (87) WO2023/144160
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 (74) Spruson & Ferguson
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 (11) AU-A-2022422208
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- (54) BLOCK FOR USE IN AUTOMATED BUILDING CONSTRUCTION
 (51) Int. Cl.
E04B 2/02 (2006.01)
E04B 2/46 (2006.01)
E04C 1/39 (2006.01)
- (87) WO2023/115130
 (31) 2021904181 (32) 21.12.21 (33) AU
 (43) 29.06.2023
 (72) PIVAC, Mark Joseph
 (74) Madderns Pty Ltd
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- (71) FERAG AG
 (11) AU-A-2022420814
 (21) 2022420814 (22) 22.12.2022
 (54) CONVEYING DEVICE
 (51) Int. Cl.
B65G 43/08 (2006.01)
B65G 43/10 (2006.01)
B65G 47/31 (2006.01)
B65G 47/52 (2006.01)
B65G 47/96 (2006.01)
- (87) WO2023/118442
 (31) CH070783/2021 (32) 22.12.21 (33) CH
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 (72) SGRIST, Sergio
 (74) Davies Collison Cave Pty Ltd
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 (11) AU-A-2022422423
 (21) 2022422423 (22) 21.12.2022
 (54) METHOD FOR INJECTING CO₂ AND REMOVING O₂ FROM A BIOLOGICAL REACTOR
 (51) Int. Cl.
C12M 1/00 (2006.01)
- (87) WO2023/118356
 (31) FR2114060 (32) 21.12.21 (33) FR
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 (72) BOUDIER, Philippe
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 (11) AU-A-2022415536
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A24B 13/00 (2006.01)
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 (72) NIELSEN, Bruno Provstgaard; BOESEN, Dorthe Schackinger; BRUUN, Heidi Ziegler; NIELSEN, Kent Albin; PRANGER-RASMUSSEN, Rikke
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
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- (71) FLAGSHIP PIONEERING INNOVATIONS VI, LLC
 (11) AU-A-2022420620
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 (54) CIRCULAR POLYRIBONUCLEOTIDES ENCODING ANTIFUSOGENIC POLYPEPTIDES
 (51) Int. Cl.
A61K 48/00 (2006.01)

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A61K 31/7105 (2006.01)
C12N 15/11 (2006.01)
C12N 15/64 (2006.01)
C12N 15/85 (2006.01)
(87) WO2023/122789
(31) 63/293,495 **(32)** 23.12.21 **(33)** US
(43) 29.06.2023
(72) MIRALLES, Gines, Diego; GROMADA, Jesper
(74) Spruson & Ferguson
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(11) AU-A-2022422766
(21) 2022422766 **(22)** 22.12.2022
(54) USE OF LACTIC ACID BACTERIA TO IMPROVE FEED EFFICIENCY
(51) Int. Cl.
A23K 10/18 (2016.01)
A23K 50/10 (2016.01)
A23K 50/60 (2016.01)
A61K 35/00 (2006.01)
A61K 35/747 (2015.01)
A61P 1/14 (2006.01)
C12N 1/20 (2006.01)
C12R 1/225 (2006.01)
(87) WO2023/119207
(31) 2021904259 **(32)** 23.12.21 **(33)** AU
(43) 29.06.2023
(72) DEKKER, James William; CROUZ-ET, Laureen; ATTWOOD, Graeme Trevor; BASSETT, Shalome Anitta; HILL, Jeremy Paul
(74) AJ PARK
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(11) AU-A-2022414072
(21) 2022414072 **(22)** 14.12.2022
(54) GENE THERAPIES FOR METABOLIC DISORDERS
(51) Int. Cl.
A61K 38/00 (2006.01)
A61P 1/18 (2006.01)
C12N 15/12 (2006.01)
A61K 38/17 (2006.01)
A61K 48/00 (2006.01)
C07K 14/47 (2006.01)
C12N 5/071 (2010.01)
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 63/423,411 07.11.22 US
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(72) WEST, Jason; CAPLAN, Jay
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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(11) AU-A-2022422024
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C12N 15/113 (2010.01)
A61K 31/7105 (2006.01)
A61P 25/00 (2006.01)
A61P 25/28 (2006.01)
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(31) 2118495.7 **(32)** 20.12.21 **(33)** GB
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(72) PREUSSNER, Marco; HEYD, Florian
(74) AJ PARK
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- (71)** FRIESLANDCAMPINA NEDERLAND B.V.
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(21) 2023223562 **(22)** 23.02.2023
(54) PROCESS FOR PREPARING HIGH PURITY GALACTO-OLIGOSACCHARIDE
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C12P 19/12 (2006.01)
A23L 33/125 (2016.01)
C12P 19/00 (2006.01)
C12P 19/14 (2006.01)
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(31) 22158755.3 **(32)** 25.02.22 **(33)** EP
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(72) CAO, Linqiu; VERSTEEG, Marlies Maria Helena
(74) Spruson & Ferguson
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- (71)** FRONIUS INTERNATIONAL GMBH
(11) AU-A-2023211797
(21) 2023211797 **(22)** 26.01.2023
(54) CONTROLLING A SOLAR POWER PLANT
(51) Int. Cl.
H02S 50/00 (2014.01)
(87) WO2023/144239
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(72) GRASBÖCK, Richard; SCHEDLBERGER, Johannes; WIESER, Stefan; FASTHUBER, Christian
(74) FB Rice Pty Ltd
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- (71)** FUCHS SE
(11) AU-A-2022411674
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(54) METHOD FOR PRODUCING LUBRICATING GREASES OF LITHIUM COMPLEX SOAPS AND LITHIUM-CALCIUM COMPLEX SOAPS
(51) Int. Cl.
C10M 117/00 (2006.01)
(87) WO2023/110001
(31) 10 2021 133 469.1 **(32)** 16.12.21 **(33)** DE
(43) 22.06.2023
(72) ERKEL, Hans Jürgen; BINKLE, Olaf; GOERZ, Torsten
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
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- (71)** FUJITSU LIMITED
(11) AU-A-2021480555
(21) 2021480555 **(22)** 24.12.2021
(54) MEDICAL IMAGE PROCESSING PROGRAM, MEDICAL IMAGE PROCESSING METHOD, AND INFORMATION PROCESSING DEVICE
(51) Int. Cl.
A61B 6/03 (2006.01)
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(72) YAMANAKA, Jumpei; TAKEUCHI, Masaki; OTANI, Yuhii; MAGNUSSEN, John
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(11) AU-A-2022399786
(21) 2022399786 **(22)** 14.10.2022
(54) COMPOUNDS
(51) Int. Cl.
C07D 491/147 (2006.01)
A61K 31/5025 (2006.01)
A61K 31/5383 (2006.01)
A61P 3/00 (2006.01)
A61P 3/10 (2006.01)
A61P 7/02 (2006.01)
A61P 9/00 (2006.01)
A61P 17/06 (2006.01)
A61P 19/08 (2006.01)
A61P 25/00 (2006.01)
A61P 25/28 (2006.01)
A61P 29/00 (2006.01)
A61P 31/12 (2006.01)
A61P 31/18 (2006.01)
A61P 35/00 (2006.01)
A61P 35/02 (2006.01)
A61P 37/00 (2006.01)
C07D 498/14 (2006.01)
(87) WO2023/099072
(31) 21211778.2 **(32)** 01.12.21 **(33)** EP
(43) 08.06.2023
(72) FERNÁNDEZ, Joaquin Pastor; BLANCO APARICIO, Carmen; MARTÍNEZ GONZÁLEZ, Sonia; ALBARRÁN SANTIÑO, María Isabel; ÁLVAREZ ESCOBAR, Rosa María; CEBRIÁ GÓMEZ, Antonio; CEBRIÁN MUÑOZ, David Álvaro; GARCÍA GARCÍA, Ana Belén; GÓMEZ DE LA OLIVA, Cristina Ana; GONZÁLEZ CANTALAPIEDRA, Esther; HERNÁNDEZ ENCINAS, Elena; MARTÍN HERNANDO, Jose Ignacio; RAMOS LIMA, Francisco Javier; RIESCO FAGUNDO, Rosario Concepción
(74) Allens Patent & Trade Mark Attorneys
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- (71)** FUSION PHARMACEUTICALS INC.; ASTRAZENECA UK LIMITED
(11) AU-A-2022419564
(21) 2022419564 **(22)** 20.12.2022
(54) EGFR-CMET-TARGETED COMPOUNDS AND USES THEREOF
(51) Int. Cl.
C07D 257/02 (2006.01)
A61K 51/10 (2006.01)
A61P 35/00 (2006.01)
(87) WO2023/122588
(31) 63/291,910 **(32)** 20.12.21 **(33)** US
(43) 29.06.2023
(72) AGHEVLIAN, Sadaf; GRINSHTEIN, Natalie; DUFFY, Ian, R.; KOSTELNIK, Thomas, I.; BUCHANAN, Andrew, Grier; MAZOR, Yariv; KASTURIRANGAN, Srinath; DU, Qun; YANG, Chunming; COMER, Frank, Irvine
(74) PHILLIPS ORMONDE FITZPATRICK

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<p>(71) GAMA HEALTHCARE LIMITED (11) AU-A-2022410536 (21) 2022410536 (22) 16.12.2022 (54) UNIVERSAL FORMULATION (51) Int. Cl. A01N 33/12 (2006.01) A01N 25/30 (2006.01) A01N 25/34 (2006.01) A01P 1/00 (2006.01) (87) WO2023/111595 (31) 2118392.6 (32) 17.12.21 (33) GB (43) 22.06.2023 (72) CROWLEY, Giles, James (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD</p>	<p>(71) GENENTECH, INC. (11) AU-A-2022417501 (21) 2022417501 (22) 21.12.2022 (54) CLINICAL FORMULATIONS OF ANTITIGIT ANTIBODIES (51) Int. Cl. A61K 47/00 (2006.01) A61P 35/00 (2006.01) C07K 16/28 (2006.01) (87) WO2023/122665 (31) 63/292,863 (32) 22.12.21 (33) US 63/383,451 11.11.22 US 63/387,229 13.12.22 US (43) 29.06.2023 (72) SHIEH, Ian Chung-ti; WOYS, Ann Marie; TSCHUDI, Katherine Laura; SUHLING, Robyn Mariah; SANE, Rucha Sudhakar; CHAN, Hui Min Phyllis; WEN, Xiaohui; ROONEY, Isabelle Anne (74) Griffith Hack</p>	<p>(71) GLYPHIC BIOTECHNOLOGIES, INC. (11) AU-A-2022416435 (21) 2022416435 (22) 12.12.2022 (54) SINGLE-MOLECULE PEPTIDE SEQUENCING THROUGH MOLECULAR BARCODING AND EX-SITU ANALYSIS (51) Int. Cl. G01N 33/68 (2006.01) C12Q 1/6869 (2018.01) (87) WO2023/114732 (31) 63/289,261 (32) 14.12.21 (33) US 63/326,382 01.04.22 US (43) 22.06.2023 (72) ESTANDIAN, Daniel Masao; WASSIE, Asmamaw; HUA, Boyang; PRAKASH, Jai (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd</p>
<p>(71) GANSHOF VAN DER MEERSCH, N.; RAISSI, K. (11) AU-A-2022420756 (21) 2022420756 (22) 21.12.2022 (54) A DEVICE FOR DELIVERING AN ORBITAL FLUID JET (51) Int. Cl. B05B 1/18 (2006.01) B05B 3/04 (2006.01) B05B 3/06 (2006.01) (87) WO2023/118287 (31) 2118899.0 (32) 23.12.21 (33) GB (43) 29.06.2023 (72) GANSHOF VAN DER MEERSCH, Nicolas; RAISSI, Kaddour (74) O'Sullivan's Patent and Trade Mark Attorneys Pty Ltd</p>	<p>(71) GENERATION BIO CO. (11) AU-A-202242134 (21) 202242134 (22) 22.12.2022 (54) SCALABLE AND HIGH-PURITY CELL-FREE SYNTHESIS OF CLOSED-ENDED DNA VECTORS (51) Int. Cl. C12N 15/11 (2006.01) C07H 21/04 (2006.01) C12N 15/64 (2006.01) (87) WO2023/122303 (31) 63/293,337 (32) 23.12.21 (33) US (43) 29.06.2023 (72) MONDS, Russell; CIPI, Joris; BLACKSTOCK, Daniel, Jason; DURANT, John, Chester (74) Griffith Hack</p>	<p>(71) GOLDMAN SACHS & CO. LLC; INTERNATIONAL BUSINESS MACHINES CORPORATION (11) AU-A-2022390685 (21) 2022390685 (22) 18.11.2022 (54) QUANTUM ADVANTAGE USING QUANTUM CIRCUIT FOR GRADIENT ESTIMATION (51) Int. Cl. G06N 10/20 (2022.01) G06N 10/60 (2022.01) (87) WO2023/089563 (31) 63/281,313 (32) 19.11.21 (33) US (43) 25.05.2023 (72) STAMATOPOULOS, Nikitas; MAZZOLA, Guglielmo; WOERNER, Stefan Erik; ZENG, William Joseph (74) FB Rice Pty Ltd</p>
<p>(71) GEARY, P.F. (11) AU-A-2022417832 (21) 2022417832 (22) 06.12.2022 (54) FLOW THROUGH ELECTRODE ASSEMBLY AND STACK (51) Int. Cl. C25B 11/042 (2021.01) C25B 1/04 (2021.01) C25B 9/05 (2021.01)</p>	<p>(71) GENESYS CLOUD SERVICES, INC. (11) AU-A-2022425424 (21) 2022425424 (22) 29.12.2022 (54) TECHNOLOGIES FOR AUTOMATED PROCESS DISCOVERY IN CONTACT CENTER SYSTEMS (51) Int. Cl. G06Q 30/01 (2023.01) G06F 40/35 (2020.01) H04M 3/51 (2006.01) (87) WO2023/129684 (31) 17/565,230 (32) 29.12.21 (33) US (43) 06.07.2023 (72) SEKAR, Archana; GOPAL, Ravikumar (74) Spruson & Ferguson</p>	<p>(71) GOODWIN, R. (11) AU-A-2022420624 (21) 2022420624 (22) 19.12.2022 (54) A ROOFTOP TENT (51) Int. Cl. E04H 15/06 (2006.01) (87) WO2023/122809 (31) 2021/10951 (32) 24.12.21 (33) ZA (43) 29.06.2023 (72) ROBERTSON, Robin Stuart; RIVETT-CARNAC, Sebastian; CORBETT, Jeremy (74) James & Wells Intellectual Property</p>

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 (54) MANAGING CELL GROUP CONFIGURATIONS FOR CONDITIONAL SECONDARY NODE PROCEDURES
 (51) Int. Cl.
H04W 36/00 (2009.01)
H04W 36/36 (2009.01)
H04W 76/15 (2018.01)
 (87) WO2023/133272
 (31) 63/297,054 (32) 06.01.22 (33) US
 (43) 13.07.2023
 (72) HSIEH, Jing; WU, Chih-Hsiang
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
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- (71) GRAYMONT WESTERN CANADA INC.
 (11) AU-A-2022419599
 (21) 2022419599 (22) 22.12.2022
 (54) LIME-BASED CEMENT EXTENDER COMPOSITIONS, AND ASSOCIATED SYSTEMS AND METHODS
 (51) Int. Cl.
C04B 28/12 (2006.01)
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C04B 40/00 (2006.01)
 (87) WO2023/122768
 (31) 63/293,513 (32) 23.12.21 (33) US
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 (72) ROMANIUK, Nikolas Andrei; TATE, Michael John; HARIHARAN, Narain; LEIKAM, Jared Ira; HYMAN, Katherine; MCFARLANE, Lucas; LEWIS, Joseph
 (74) Spruson & Ferguson
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- (71) GREE ELECTRIC APPLIANCES, INC. OF ZHUHAI
 (11) AU-A-2022435875
 (21) 2022435875 (22) 12.10.2022
 (54) METHOD AND APPARATUS FOR UNIT CONTROL AND PHOTOVOLTAIC MULTI-UNIT AIR CONDITIONING SYSTEM
 (51) Int. Cl.
F24F 11/89 (2018.01)
F24F 11/86 (2018.01)
H02H 7/00 (2006.01)
 (87) WO2023/138113
 (31) 202210078432.9 (32) 24.01.22 (33) CN
 (43) 27.07.2023
 (72) QIU, Tian; JIN, Mengmeng; WU, Lianfa; JIAO, Huachao
 (74) Davies Collison Cave Pty Ltd
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- (71) HALTER USA INC
 (11) AU-A-2022417035
 (21) 2022417035 (22) 14.12.2022
 (54) APPARATUS TO GUIDE ANIMALS AND METHOD THEREFOR
 (51) Int. Cl.
A01K 27/00 (2006.01)
A01K 15/02 (2006.01)
A01K 29/00 (2006.01)
H03K 3/72 (2006.01)
H05C 1/04 (2006.01)
 (87) WO2023/111868
 (31) 2021904052 (32) 14.12.21 (33) AU
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- (71) HANWHA CORPORATION
 (11) AU-A-2023219943
 (21) 2023219943 (22) 07.07.2023
 (54) APPARATUS AND METHOD FOR CORRECTING COMMUNICATION FREQUENCY OF ELECTRONIC DETONATOR
 (51) Int. Cl.
F42C 19/00 (2006.01)
 (31) 10-2022-0177010 (32) 16.12.22 (33) KR
 (43) 04.07.2024
 (72) CHOI, Jeong Ho; KIM, Se Ho
 (74) WRAYS PTY LTD
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- (71) HANWHA CORPORATION
 (11) AU-A-2023226667
 (21) 2023226667 (22) 07.07.2023
 (54) Detonator connector having leg wire locking structure
 (51) Int. Cl.
F42D 1/04 (2006.01)
 (31) 10-2022-0174431 (32) 14.12.22 (33) KR
 (43) 04.07.2024
 (72) JANG, Woo Young
 (74) WRAYS PTY LTD
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- (71) HCEMM NONPROFIT KFT.
 (11) AU-A-2022416574
 (21) 2022416574 (22) 01.12.2022
 (54) VACCINE PREPARATION
 (51) Int. Cl.
A61K 39/12 (2006.01)
A61K 31/00 (2006.01)
 (87) WO2023/110422
 (31) A 51010/2021 (32) 16.12.21 (33) AT
 (43) 22.06.2023
 (72) GRABUSCHNIG, Stefan
 (74) Davies Collison Cave Pty Ltd
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- (71) HCEMM NONPROFIT KFT.
 (11) AU-A-2022416574
 (21) 2022416574 (22) 01.12.2022
 (54) VACCINE PREPARATION
 (51) Int. Cl.
A61K 39/12 (2006.01)
A61K 31/00 (2006.01)
 (87) WO2023/110422
 (31) A 51010/2021 (32) 16.12.21 (33) AT
 (43) 22.06.2023
 (72) GRABUSCHNIG, Stefan
 (74) Davies Collison Cave Pty Ltd
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- (71) HANGZHOU SCIWIND BIOSCIENCES CO., LTD.
 (11) AU-A-2022401795
 (21) 2022401795 (22) 02.12.2022
 (54) CRYSTAL FORMS OF THIENOIMIDAZOLE COMPOUND AND PREPARATION METHOD THEREOF
 (51) Int. Cl.
C07D 405/14 (2006.01)
A61K 31/381 (2006.01)
A61K 31/4188 (2006.01)
A61K 31/4427 (2006.01)
A61P 3/00 (2006.01)
A61P 3/10 (2006.01)
C07D 495/04 (2006.01)
 (87) WO2023/098852
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 (43) 08.06.2023
 (72) GAN, Lu; YU, Tao; WU, Chengde; YAO, Ting
 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) HANWHA CORPORATION
 (11) AU-A-2023219943
 (21) 2023219943 (22) 07.07.2023
 (54) APPARATUS AND METHOD FOR CORRECTING COMMUNICATION FREQUENCY OF ELECTRONIC DETONATOR
 (51) Int. Cl.
F42C 19/00 (2006.01)
 (31) 10-2022-0177010 (32) 16.12.22 (33) KR
 (43) 04.07.2024
 (72) CHOI, Jeong Ho; KIM, Se Ho
 (74) WRAYS PTY LTD
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- (71) HANWHA CORPORATION
 (11) AU-A-2023226667
 (21) 2023226667 (22) 07.07.2023
 (54) Detonator connector having leg wire locking structure
 (51) Int. Cl.
F42D 1/04 (2006.01)
 (31) 10-2022-0174431 (32) 14.12.22 (33) KR
 (43) 04.07.2024
 (72) JANG, Woo Young
 (74) WRAYS PTY LTD
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- (71) HEAT AND CONTROL, INC.
 (11) AU-A-2022389069
 (21) 2022389069 (22) 22.11.2022
 (54) APPARATUS AND METHOD FOR REMOVING OIL FROM FRIED FOODS
 (51) Int. Cl.
A47J 37/12 (2006.01)
 (87) WO2023/089596
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 (43) 25.05.2023
 (72) ZARATE ANDRADE, Leopoldo; CARIDIS, Andrew Anthony
 (74) Spruson & Ferguson
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- (71) HEATEN AS
 (11) AU-A-2022421641
 (21) 2022421641 (22) 20.12.2022
 (54) A WORKING FLUID EXTRACTION SYSTEM FOR A DISPLACEMENT MACHINE AND A METHOD OF OPERATING THE SYSTEM
 (51) Int. Cl.
F04B 39/02 (2006.01)
F04B 39/16 (2006.01)
F25B 31/00 (2006.01)
 (87) WO2023/121477
 (31) 20211589 (32) 23.12.21 (33) NO
 (43) 29.06.2023
 (72) BJERKAN, Trond
 (74) James & Wells Intellectual Property
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- (71) HEINEKEN SUPPLY CHAIN B.V.
 (11) AU-A-2022418397
 (21) 2022418397 (22) 22.12.2022
 (54) COUPLER DEVICE FOR A BEVERAGE DISPENSING SYSTEM
 (51) Int. Cl.
B67D 1/08 (2006.01)
B67D 1/12 (2006.01)
 (87) WO2023/121455
 (31) 21217322.3 (32) 23.12.21 (33) EP
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 (72) PAAUWE, Arie Maarten; DESSING, Jacobus Petrus Maria; KEMP, Dennis Christiaan
 (74) Spruson & Ferguson
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- (71) HEINEKEN SUPPLY CHAIN B.V.
 (11) AU-A-2022422104
 (21) 2022422104 (22) 22.12.2022
 (54) COUPLER DEVICE
 (51) Int. Cl.
B67D 1/08 (2006.01)
 (87) WO2023/121461
 (31) 21217594.7 (32) 23.12.21 (33) EP
 (43) 29.06.2023
 (72) PAAUWE, Arie Maarten; WIGMAN, Peter Henri Samuel
 (74) Spruson & Ferguson
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- (71) HEINEKEN SUPPLY CHAIN B.V.
 (11) AU-A-2023204470
 (21) 2023204470 (22) 02.01.2023
 (54) METHOD OF PREPARING ALCOHOL-FREE BEER
 (51) Int. Cl.
C12C 12/04 (2006.01)

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(43) 06.07.2023
(72) ELINK SCHUURMAN, Tom Daniël;
 OFODU, Ikechukwu Victor
(74) Griffith Hack
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- (71)** HELMERICH & PAYNE TECHNOLOGIES, LLC
(11) AU-A-2021479239
(21) 2021479239 **(22)** 15.12.2021
(54) TRANSDUCER ASSEMBLY FOR OIL AND GAS WELLS
(51) Int. Cl.
E21B 7/04 (2006.01)
E21B 33/06 (2006.01)
E21B 47/06 (2012.01)
(87) WO2023/113839
(43) 22.06.2023
(72) FOSSON, Adam Robert
(74) FB Rice Pty Ltd
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- (71)** HESSIAN LABS, INC.
(11) AU-A-2022410140
(21) 2022410140 **(22)** 13.12.2022
(54) METHODS FOR DETERMINING THE PROGNOSIS AND STAGE OF A DISEASE OR DISORDER
(51) Int. Cl.
G01N 33/68 (2006.01)
A61K 31/726 (2006.01)
A61K 35/19 (2015.01)
A61P 35/00 (2006.01)
(87) WO2023/114169
(31) 63/288,775 **(32)** 13.12.21 **(33)** US
(43) 22.06.2023
(72) KLEMENT, Giannoula Lakka; ABOUSLAYBI, Abdo; ROBERTS, Darrol G.
(74) James & Wells Intellectual Property
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- (71)** HITACHI CONSTRUCTION MACHINERY CO., LTD.
(11) AU-A-2023207006
(21) 2023207006 **(22)** 13.01.2023
(54) WORK MACHINE
(51) Int. Cl.
E02F 9/20 (2006.01)
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(74) Griffith Hack
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(54) HETEROCYCLIC INHIBITORS OF GLUT9 FOR TREATMENT OF DISEASE
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C07D 401/04 (2006.01)
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A61K 31/497 (2006.01)
A61P 19/06 (2006.01)
C07D 401/14 (2006.01)
C07D 403/04 (2006.01)
C07D 407/14 (2006.01)
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C07D 413/04 (2006.01)
C07D 417/04 (2006.01)
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(31) 63/297,511 **(32)** 07.01.22 **(33)** US
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- (71)** HOYMILES POWER ELECTRONICS INC.
(11) AU-A-2022399746
(21) 2022399746 **(22)** 01.12.2022
(54) CONTROL METHOD, CONTROLLER, AND CONVERTER FOR RESONANT DUAL-ACTIVE BRIDGE CONVERSION CIRCUIT
(51) Int. Cl.
H02M 3/335 (2006.01)
H02M 1/088 (2006.01)
H02M 1/32 (2007.01)
H02M 1/38 (2007.01)
(87) WO2023/098826
(31) 202111457868.0 **(32)** 02.12.21 **(33)** CN
(43) 08.06.2023
(72) WENG, Bingwen; ZHAO, Yi; WU, Junxiong; LIAO, Yafeng
(74) Madderns Pty Ltd
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- (71)** HUNAN SINOBROOM INTELLIGENT EQUIPMENT CO., LTD.
(11) AU-A-2022478675
(21) 2022478675 **(22)** 29.12.2022
(54) FLOATING CONTROL SYSTEM FOR FIXED DISPLACEMENT PUMP SYSTEM
(51) Int. Cl.
F15B 13/02 (2006.01)
F15B 11/16 (2006.01)
F15B 19/00 (2006.01)
(31) 202211653209.9 **(32)** 19.12.22 **(33)** CN
(43) 04.07.2024
(72) LIU, Guoliang; DU, Changhui; ZHANG, Yuxiao; ZHAO, Junbo
(74) Flint Intellectual Property Limited
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- (71)** HUNILIFE BIOTECHNOLOGY, INC.
(11) AU-A-2023212745
(21) 2023212745 **(22)** 17.01.2023
(54) USE OF ALPHA-ENOLASE ANTAGONIST FOR TREATING ANGIOGENESIS-RELATED DISEASES
(51) Int. Cl.
A61K 39/395 (2006.01)
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- A61P 35/00** (2006.01)
C07K 16/40 (2006.01)
(87) WO2023/143254
(31) 63/303,421 **(32)** 26.01.22 **(33)** US
(43) 03.08.2023
(72) YUAN, Ta-Tung; HUANG, Wei-Ching
(74) Madderns Pty Ltd
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- (71)** HYBRIT DEVELOPMENT AB
(11) AU-A-2023220835
(21) 2023220835 **(22)** 17.02.2023
(54) A METHOD FOR THE PRODUCTION OF SPONGE IRON FROM IRON ORE
(51) Int. Cl.
C21B 7/24 (2006.01)
C21B 13/00 (2006.01)
(87) WO2023/158364
(31) 2250229-8 **(32)** 21.02.22 **(33)** SE
(43) 24.08.2023
(72) VON SCHENCK, Henrik
(74) Davies Collison Cave Pty Ltd
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- (71)** HYDAC FLUIDCARECENTER GMBH
(11) AU-A-2022440183
(21) 2022440183 **(22)** 25.10.2022
(54) FILTER APPARATUS
(51) Int. Cl.
B01D 25/00 (2006.01)
B01D 29/21 (2006.01)
B01D 29/54 (2006.01)
(87) WO2023/151837
(31) 10 2022 000 510.7 **(32)** 10.02.22 **(33)** DE
(43) 17.08.2023
(72) KOCH, Edwin; LANG, Timo; MÜLLER, Daniel; NOLL, Martin
(74) FB Rice Pty Ltd
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- (71)** HYDROGEN TECH IP PTY LIMITED AS TRUSTEE FOR HYDROGEN TECH IP TRUST
(11) AU-A-2022399044
(21) 2022399044 **(22)** 24.11.2022
(54) DEVICE AND METHOD FOR GAS INFUSION
(51) Int. Cl.
B01D 53/14 (2006.01)
B01F 21/20 (2022.01)
B01F 23/21 (2022.01)
(87) WO2023/092181
(31) 2021903807 **(32)** 25.11.21 **(33)** AU
(43) 01.06.2023
(72) WILSON, James; KLINGVALL, Kjell
(74) IP Flourish
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- (71)** HYDROGREEN, INC.
(11) AU-A-2021475858
(21) 2021475858 **(22)** 23.11.2021
(54) PROCESSES AND COMPOSITIONS FOR ENSILING HYDROPONICALLY GROWN CELLULOSIC MATERIALS
(51) Int. Cl.
A23L 2/68 (2006.01)
C12J 1/04 (2006.01)
(87) WO2023/096636
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<p>(71) IB APPLIANCES US HOLDINGS, LLC (11) AU-A-2023208666 (21) 2023208666 (22) 11.01.2023 (54) STEAM REGULATION VALVE (51) Int. Cl. A47J 27/09 (2006.01) A47J 27/08 (2006.01) A47J 36/38 (2006.01) A47J 27/086 (2006.01) A47J 27/092 (2006.01) (87) WO2023/141382 (31) 63/301,178 (32) 20.01.22 (33) US (43) 27.07.2023 (72) DONNELLY, Megan; BIBA, Scott; JONCICH, Andrew (74) Griffith Hack</p>	<p>(71) IHI CORPORATION (11) AU-A-2022434206 (21) 2022434206 (22) 11.10.2022 (54) FLOW RATE ADJUSTMENT DEVICE (51) Int. Cl. F28D 19/02 (2006.01) B01J 4/02 (2006.01) F23C 10/32 (2006.01) F23G 5/30 (2006.01) F24S 60/00 (2018.01) F28D 20/00 (2006.01) (87) WO2023/139857 (31) 2022-008024 (32) 21.01.22 (33) JP (43) 27.07.2023 (72) LIU, Zhihong; ISHIKAWA, Atsushi (74) Spruson & Ferguson</p>	<p>(71) ILLUMINA, INC. (11) AU-A-2022426690 (21) 2022426690 (22) 28.12.2022 (54) COVARIATE CORRECTION FOR TEMPORAL DATA FROM PHENOTYPE MEASUREMENTS FOR DIFFERENT DRUG USAGE PATTERNS (51) Int. Cl. G16H 20/10 (2018.01) G16B 20/20 (2019.01) G16B 30/10 (2019.01) (87) WO2023/129622 (31) 63/294,813 (32) 29.12.21 (33) US 63/294,816 29.12.21 US 63/294,820 29.12.21 US 63/294,827 29.12.21 US 63/294,828 29.12.21 US 63/294,830 29.12.21 US 63/351,283 10.06.22 US 63/351,299 10.06.22 US 63/351,317 10.06.22 US 17/968,766 18.10.22 US (43) 06.07.2023 (72) FIZIEV, Petko Plamenov; MCRAE, Jeremy Francis; FARH, Kai-How (74) Spruson & Ferguson</p>
<p>(71) IB APPLIANCES US HOLDINGS, LLC (11) AU-A-2023209417 (21) 2023209417 (22) 13.01.2023 (54) MUFFLER FOR PRESSURE COOKER (51) Int. Cl. A47J 27/08 (2006.01) A47J 43/28 (2006.01) (87) WO2023/141394 (31) 63/301,573 (32) 21.01.22 (33) US (43) 27.07.2023 (72) LEPINSKE, Jason, L. (74) Griffith Hack</p>	<p>(71) ILLUMINA, INC. (11) AU-A-2022417519 (21) 2022417519 (22) 22.12.2022 (54) FLOW CELLS AND METHODS (51) Int. Cl. C12Q 1/6806 (2018.01) C12N 15/10 (2006.01) (87) WO2023/122755 (31) 63/293,494 (32) 23.12.21 (33) US 63/323,890 25.03.22 US 63/371,165 11.08.22 US 63/380,878 25.10.22 US (43) 29.06.2023 (72) BASUKI, Johan Sebastian; BOUTELL, Jonathan Mark; FISHER, Jeffrey S.; FRASER, Louise Jane; GEORGE, Wayne N.; GORMLEY, Niall Anthony; JONES, David; MA, Xiaoyu; MARTINS VITORIANO, Maria Ines; MEI, Zhong; MILLER, Oliver Jon; PRICE, Andrew; RICOULT, Sebastian Georg Gabriel; THOMSON, Vicki S.; WEIR, Jacqueline C.; CHANG, Weihua; HAN, Hui (74) FB Rice Pty Ltd</p>	<p>(71) ILLUMINA, INC. (11) AU-A-2022429829 (21) 2022429829 (22) 28.12.2022 (54) RARE VARIANT POLYGENIC RISK SCORES (51) Int. Cl. G16B 20/20 (2019.01) G16B 5/10 (2019.01) G16B 20/40 (2019.01) G16B 30/10 (2019.01) G16B 40/20 (2019.01) G16B 15/30 (2019.01) G16B 25/10 (2019.01) (87) WO2023/129621 (31) 63/294,813 (32) 29.12.21 (33) US 63/294,816 29.12.21 US 63/294,820 29.12.21 US 63/294,827 29.12.21 US 63/294,828 29.12.21 US 63/294,830 29.12.21 US 63/351,283 10.06.22 US 63/351,299 10.06.22 US</p>
<p>(71) ICS ICE CLEANING SYSTEMS S.R.O. (11) AU-A-2022398051 (21) 2022398051 (22) 23.11.2022 (54) A DEVICE FOR ADJUSTING AND METERING OF DRY ICE GRANULATE FOR A DEVICE FOR MIXING SOLID PARTICLES OF DRY ICE WITH A FLOW OF GASEOUS MEDIUM (51) Int. Cl. F25C 5/02 (2006.01) F25C 5/14 (2006.01) B24C 1/00 (2006.01) B24C 7/00 (2006.01) (87) WO2023/096590 (31) PP 50060-2021 (32) 23.11.21 (33) SK (43) 01.06.2023 (72) BAKALA, Ludovít; GABRIS, Peter; KUBIS, Ivan (74) Anderson IP</p>	<p>(71) ILLUMINA, INC. (11) AU-A-2022419939 (21) 2022419939 (22) 30.09.2022</p>	

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- (43) 06.07.2023 C07K 16/28 (2006.01)
- (72) FIZIEV, Petko Plamenov; MCRAE, Jeremy Francis; FARH, Kai-How A61K 39/395 (2006.01)
- (74) Spruson & Ferguson A61P 35/00 (2006.01)
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- (71) IMMUNEERING CORPORATION
- (11) AU-A-2023205131
- (21) 2023205131 (22) 05.01.2023
- (54) MEK IMMUNE ONCOLOGY INHIBITORS AND THERAPEUTIC USES THEREOF
- (51) Int. Cl.
- A61K 31/33 (2006.01)
- A61K 31/335 (2006.01)
- A61K 31/35 (2006.01)
- A61K 31/352 (2006.01)
- (87) WO2023/133472
- (31) 63/297,116 (32) 06.01.22 (33) US
- (43) 13.07.2023
- (72) HALL, Brett Matthew; DECORTE, Bart Lieven; KING, Peter John; LEENDERS, Ruben; WEGERT, Anita; FOWLER, Kevin; KOLITZ, Sarah; DOODEMAN, Robin; POELAKKER, Jarno; FOLMER, Rutger Henk Adriaan
- (74) James & Wells Intellectual Property
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- (71) IMPERIAL COLLEGE INNOVATIONS LIMITED
- (11) AU-A-2022416947
- (21) 2022416947 (22) 16.12.2022
- (54) RNA CONSTRUCT
- (51) Int. Cl.
- C12N 15/86 (2006.01)
- A61K 39/193 (2006.01)
- C12N 15/87 (2006.01)
- (87) WO2023/111592
- (31) 2118464.3 (32) 17.12.21 (33) GB
- (43) 22.06.2023
- (72) MCKAY, Paul; SHATTOCK, Robin
- (74) FPA Patent Attorneys Pty Ltd
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- (71) IMUNEXUS THERAPEUTICS LIMITED
- (11) AU-A-2022399232
- (21) 2022399232 (22) 25.11.2022
- (54) BINDING DOMAIN MOLECULES ON CELL SURFACES
- (51) Int. Cl.
- C07K 14/71 (2006.01)
- A61K 35/28 (2015.01)
- A61K 38/00 (2006.01)
- A61K 38/18 (2006.01)
- C12N 5/00 (2006.01)
- C12N 5/0775 (2010.01)
- C12N 15/85 (2006.01)
- (87) WO2023/092185
- (31) 2021903825 (32) 26.11.21 (33) AU
- (43) 01.06.2023
- (72) KOPSIDAS, George; TERHAG, Jan; SCHMIDT, Mary-Anne Valerie
- (74) FB Rice Pty Ltd
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- (71) INCYTE CORPORATION
- (11) AU-A-2022419233
- (21) 2022419233 (22) 22.12.2022
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- (71) INNOVASEA MARINE SYSTEMS CANADA INC.
- (11) AU-A-2023214562
- (21) 2023214562 (22) 30.01.2023
- (54) FINE-SCALE MOVEMENT TRACKING OF UNDERWATER OBJECTS
- (51) Int. Cl.
- G01S 1/72 (2006.01)
- G06T 3/40 (2006.01)
- G06T 7/10 (2017.01)
- G06V 20/05 (2022.01)
- (87) WO2023/147656
- (31) 63/305,720 (32) 02.02.22 (33) US
- (43) 10.08.2023
- (72) KIRSEBOM, Oliver Sølund; THANIGAINATHAN, Kayalvizhi; RICHARD, Matthew Charles; SMITH, Frank Ian; OUELLETTE, David Allen; JOHNSTON, Samuel Victor
- (74) Griffith Hack
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- (71) INNOVO THERAPEUTICS INC.
- (11) AU-A-2023204968
- (21) 2023204968 (22) 03.01.2023
- (54) NOVEL ISOINDOLINONE DERIVATIVE COMPOUNDS AS CASPASE INHIBITORS
- (51) Int. Cl.
- C07D 209/44 (2006.01)
- A61K 31/4035 (2006.01)
- A61K 31/4155 (2006.01)
- A61K 31/4439 (2006.01)
- A61K 31/506 (2006.01)
- A61P 19/02 (2006.01)
- C07D 401/04 (2006.01)
- C07D 403/04 (2006.01)
- C07D 405/04 (2006.01)
- C07D 487/04 (2006.01)
- (87) WO2023/132606
- (31) 10-2022-0000659 (32) 04.01.22 (33) KR
- (43) 13.07.2023
- (72) CHOI, Sei Hyun; KIM, Hak Joong; LEE, Yu Rim; JUNG, Sun Ho; PAGIRE, Haushabhau Shivaji
- (74) Collison & Co
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- (11) AU-A-2022418199
- (21) 2022418199 (22) 21.12.2022
- (54) BENZENE SULFONAMIDE THIAZOLE COMPOUNDS AND THEIR USE FOR THE TREATMENT OF CANCERS
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- (51) Int. Cl.
- C07D 277/46 (2006.01)
- A61K 31/426 (2006.01)
- A61K 31/427 (2006.01)
- A61K 31/497 (2006.01)
- A61K 31/5377 (2006.01)
- A61P 35/00 (2006.01)
- C07D 401/12 (2006.01)
- (87) WO2023/118373
- (31) 21306869.5 (32) 21.12.21 (33) EP
- (43) 29.06.2023
- (72) ROCCHI, Stéphane; CHELBI, Mehdi; RONCO, Cyril; BENHIDA, Rachid
- (74) FPA Patent Attorneys Pty Ltd
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- (71) INSTIL BIO, INC.
- (11) AU-A-2022409848
- (21) 2022409848 (22) 16.12.2022
- (54) PROCESSING OF TUMOR INFILTRATING LYMPHOCYTES
- (51) Int. Cl.
- A61K 35/17 (2015.01)
- A61P 35/00 (2006.01)
- (87) WO2023/115011
- (31) 63/290,939 (32) 17.12.21 (33) US
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A61K 31/69 (2006.01)
A61P 19/02 (2006.01)
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F02D 19/02 (2006.01)
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 A01N 41/10 (2006.01)
 A01N 43/10 (2006.01)
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 A01P 1/00 (2006.01)
 C02F 1/00 (2023.01)
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 G06F 30/12 (2020.01)
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 C07D 487/04 (2006.01)
 A61K 31/519 (2006.01)
 A61K 31/5377 (2006.01)
 A61P 35/00 (2006.01)
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 (51) Int. Cl.
 H04W 4/70 (2018.01)
 G01D 4/00 (2006.01)
 H04L 9/40 (2022.01)
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 (74) Michael Buck IP
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 (51) Int. Cl.
 C22B 1/11 (2006.01)
 B03D 1/008 (2006.01)
 B03D 1/012 (2006.01)
 C22B 1/00 (2006.01)
 C22B 15/00 (2006.01)
 B03D 101/02 (2006.01)
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TAKIDA Eri
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(21) 2022397901 **(22)** 23.11.2022
(54) DISPENSER FOR DRIP-DISPENSING A STERILE LIQUID PRODUCT CONTAINING A SURFACTANT
(51) Int. Cl.
A61F 9/00 (2006.01)
A61J 1/14 (2023.01)
B65D 47/18 (2006.01)
(87) WO2023/094769
(31) FR2112639 **(32)** 29.11.21 **(33)** FR
(43) 01.06.2023
(72) QUAGLIA, Benjamin
(74) Griffith Hack
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- (71)** LANTECH.COM, LLC
(11) AU-A-2022419276
(21) 2022419276 **(22)** 15.12.2022
(54) LOAD WRAPPING APPARATUS AND METHOD WITH SELF-BALANCING PAPER-BASED PACKAGING MATERIAL DISPENSER
(51) Int. Cl.
B65B 11/04 (2006.01)
B65B 13/18 (2006.01)
B65B 67/08 (2006.01)
(87) WO2023/121949
(31) 63/293,361 **(32)** 23.12.21 **(33)** US
(43) 29.06.2023
(72) MARTIN, Curtis W.; LIMOUSIN, Jean-Louis; MITCHELL, Michael P.; LANCASTER, III, Patrick R.
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71)** LANTERN PHARMA INC.
(11) AU-A-2022393328
(21) 2022393328 **(22)** 18.11.2022
(54) METHOD FOR TREATING CANCER WITH ACYLFULVENE AND RADIATION
(51) Int. Cl.
A61K 31/122 (2006.01)
A61K 31/17 (2006.01)
A61N 5/10 (2006.01)
A61P 35/00 (2006.01)
C07C 35/37 (2006.01)
C12Q 1/6886 (2018.01)
(87) WO2023/092076
(31) 63/264,290 **(32)** 18.11.21 **(33)** US
(43) 25.05.2023
(72) BHATIA, Kishor
(74) Michael Buck IP
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- (71)** LEE, K.M.
(11) AU-A-2021479762
(21) 2021479762 **(22)** 21.12.2021
(54) MODULAR WALL SYSTEM
(51) Int. Cl.
E04B 2/02 (2006.01)
E04B 1/343 (2006.01)
E04B 2/56 (2006.01)
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- E04C 2/40** (2006.01)
E04C 5/00 (2006.01)
(87) WO2023/121434
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(72) LEE, Kwek Ming
(74) A.P.T. Patent and Trade Mark Attorneys
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- (71)** LEGRAND AV INC.
(11) AU-A-2022413144
(21) 2022413144 **(22)** 13.12.2022
(54) DISPLAY MOUNT WITH ADJUSTABLE WALL ATTACHMENT
(51) Int. Cl.
H04N 5/64 (2006.01)
F16M 11/20 (2006.01)
F16M 13/02 (2006.01)
(87) WO2023/114234
(31) 63/288,844 **(32)** 13.12.21 **(33)** US
(43) 22.06.2023
(72) MAVES, Adam
(74) Spruson & Ferguson
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- (71)** LENOVO (BEIJING) LIMITED
(11) AU-A-2022437917
(21) 2022437917 **(22)** 25.01.2022
(54) METHOD AND APPARATUS FOR COMMUNICATION IN AN IAB NETWORK
(51) Int. Cl.
H04W 4/00 (2018.01)
(87) WO2023/141755
(43) 03.08.2023
(72) ZHUO, Yibin; DAI, Mingzeng; WU, Lianhai; YAN, Le
(74) FPA Patent Attorneys Pty Ltd
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- (71)** LENOVO (SINGAPORE) PTE. LTD
(11) AU-A-2022435652
(21) 2022435652 **(22)** 03.03.2022
(54) METHOD AND APPARATUS FOR NON-3GPP ACCESS NODE SELECTION
(51) Int. Cl.
H04W 48/18 (2009.01)
(87) WO2023/138794
(31) 20220100059 **(32)** 21.01.22 **(33)** GR
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(74) FPA Patent Attorneys Pty Ltd
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- (71)** LIFEMINE THERAPEUTICS, INC.
(11) AU-A-2023205127
(21) 2023205127 **(22)** 05.01.2023
(54) COMPUTATIONAL METHOD TO IDENTIFY GENE NETWORKS CONTAINING FUNCTIONALLY-RELATED GENES
(51) Int. Cl.
G16B 20/00 (2019.01)
G06F 18/00 (2023.01)
G16B 5/00 (2019.01)
G16B 10/00 (2019.01)
G16B 30/00 (2019.01)
G16B 40/20 (2019.01)
G16B 50/10 (2019.01)
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(74) RNB IP PTY LTD
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- (71)** LIGHTWAVE LOGIC, INC.
(11) AU-A-2022430505
(21) 2022430505 **(22)** 19.12.2022
(54) NONLINEAR OPTICAL CHROMOPHORES HAVING SHORT-CHAIN BRIDGE STRUCTURES, LOW OPTICAL LOSS MATERIALS CONTAINING THE SAME, AND METHODS FOR PREPARING THE SAME
(51) Int. Cl.
G02F 1/361 (2006.01)
(87) WO2023/132934
(31) 63/296,579 **(32)** 05.01.22 **(33)** US
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(74) Spruson & Ferguson
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- (71)** LINDE GMBH
(11) AU-A-2022415018
(21) 2022415018 **(22)** 16.11.2022
(54) HEAT PUMP METHOD AND HEAT PUMP ARRANGEMENT
(51) Int. Cl.
F25B 31/00 (2006.01)
F25B 1/047 (2006.01)
F25B 1/053 (2006.01)
F25B 6/02 (2006.01)
F25B 40/00 (2006.01)
(87) WO2023/110141
(31) 21020642.1 **(32)** 16.12.21 **(33)** EP
(43) 22.06.2023
(72) BAUER, Heinz; KAMANN, Martin; WIDL, Thomas
(74) Griffith Hack
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- (71)** LINDSAY CORPORATION
(11) AU-A-2023205744
(21) 2023205744 **(22)** 05.01.2023
(54) TILT MONITORING SYSTEM FOR A MOBILE IRRIGATION SYSTEM
(51) Int. Cl.
A01G 25/16 (2006.01)
A01G 25/09 (2006.01)
G01C 9/04 (2006.01)
G06Q 50/02 (2012.01)
G06Q 50/10 (2012.01)
(87) WO2023/133198
(31) 17/569,753 **(32)** 06.01.22 **(33)** US
(43) 13.07.2023
(72) MILLER, Mark William; BARKER, Luke Joseph
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71)** L-NUTRA INC.
(11) AU-A-2022425633
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(54) FASTING-MIMICKING DIET
(51) Int. Cl.
A23L 33/20 (2016.01)
A23L 33/00 (2016.01)

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 A23L 19/00 (2016.01)
 A23L 23/00 (2016.01)
 A23L 33/15 (2016.01)
 A23L 33/15 (2016.01)
 A23L 33/16 (2016.01)
 A61K 31/70 (2006.01)
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(43) 06.07.2023
(72) LONGO, Valter, D.; HSU, William; ANTONO, Joseph; SCHIRANO, Fabrizio
(74) FPA Patent Attorneys Pty Ltd

(71) LOGICMARK, INC.
(11) AU-A-2023277198
(21) 2023277198 **(22)** 15.05.2023
(54) TOKEN AND PRIVACY DEVICE AND METHOD
(51) Int. Cl.
G16H 10/60 (2018.01)
G16H 15/00 (2018.01)
G16H 50/00 (2018.01)
(87) WO2023/229872
(31) 63/365,457 **(32)** 27.05.22 **(33)** US
(43) 30.11.2023
(72) SAAVEDRA, Rafael; SIMMONS, Chia-Lin; WILLIAMS, Peter
(74) Spruson & Ferguson

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(11) AU-A-2022407435
(21) 2022407435 **(22)** 06.12.2022
(54) NEUROVASCULAR ULTRASOUND ANALYSIS FOR ALLERGY TESTING
(51) Int. Cl.
A61N 7/00 (2006.01)
A61B 8/06 (2006.01)
A61B 8/08 (2006.01)
(87) WO2023/107969
(31) 63/265,028 **(32)** 06.12.21 **(33)** US
(43) 15.06.2023
(72) BUSSELL, Mark
(74) FPA Patent Attorneys Pty Ltd

(71) LUNELLA BIOTECH, INC.
(11) AU-A-2022422771
(21) 2022422771 **(22)** 22.12.2022
(54) MITOCHONDRIAL ATP INHIBITORS TARGETING THE GAMMA SUBUNIT PREVENT METASTASIS
(51) Int. Cl.
C07F 9/60 (2006.01)
A61K 31/675 (2006.01)
A61P 35/00 (2006.01)
A61P 35/04 (2006.01)
(87) WO2023/119232
(31) 63/292,766 **(32)** 22.12.21 **(33)** US
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(72) LISANTI, Michael P.; SOTGIA, Federica; FIORILLO, Marco; KANGAS-METSA, Jussi; MAURO LIZCANO, Marta
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(71) LYRATA INC.
(11) AU-A-2022399053

(21) 2022399053 **(22)** 23.11.2022
(54) PLANT GROWTH MEDIA
(51) Int. Cl.
A01G 24/00 (2018.01)
A01G 24/40 (2018.01)
(87) WO2023/092226
(31) 63/282,787 **(32)** 24.11.21 **(33)** US
(43) 01.06.2023
(72) DIEP, Patrick; SHARIF, Adnan; LIU, Jinming
(74) FB Rice Pty Ltd

(71) MALTA INC.
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(21) 2022413246 **(22)** 14.12.2022
(54) PUMPED HEAT ENERGY STORAGE SYSTEM INTEGRATED WITH COAL-FIRED ENERGY GENERATION UNIT
(51) Int. Cl.
F02C 1/10 (2006.01)
F01K 3/06 (2006.01)
F02C 1/05 (2006.01)
(87) WO2023/114339
(31) 63/289,452 **(32)** 14.12.21 **(33)** US
(43) 22.06.2023
(72) TRUONG, Bao, H.; BOLLINGER, Benjamin, R.
(74) Spruson & Ferguson

(71) MALTA INC.
(11) AU-A-2023205062
(21) 2023205062 **(22)** 10.01.2023
(54) LONG-DURATION PHES SYSTEMS WITH MODULAR CONFIGURATIONS
(51) Int. Cl.
F01K 13/00 (2006.01)
F01K 3/00 (2006.01)
F01K 3/06 (2006.01)
F01K 13/02 (2006.01)
F01K 25/00 (2006.01)
F01K 3/12 (2006.01)
F01K 3/22 (2006.01)
F01K 3/26 (2006.01)
(87) WO2023/133341
(31) 63/297,949 **(32)** 10.01.22 **(33)** US
(43) 13.07.2023
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(71) MANITOU BF
(11) AU-A-2022418744
(21) 2022418744 **(22)** 21.10.2022
(54) HANDLING MACHINE COMPRISING A LIFTING ARM PROVIDED WITH AN ARTICULATED TOOL, AND METHOD FOR CONTROLLING SUCH A HANDLING MACHINE
(51) Int. Cl.
B66F 9/065 (2006.01)
B66F 9/075 (2006.01)
B66F 9/22 (2006.01)
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(31) FR2113947 **(32)** 20.12.21 **(33)** FR
(43) 29.06.2023
(72) DERVAL, Laurent
(74) Cooper IP Pty Ltd

(71) MAR-KEY MARQUEES LIMITED
(11) AU-A-2022402422
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(54) ROOFING STRUCTURE
(51) Int. Cl.
E04C 3/06 (2006.01)
(87) WO2023/099894
(31) 2117358.8 **(32)** 01.12.21 **(33)** GB
(43) 08.06.2023
(72) TABB, David Bryan
(74) FAL PATENTS PTY LTD

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(21) 2022391182 **(22)** 16.11.2022
(54) EQUIPMENT FOR THE PRODUCTION OF STUFFED CHEESE, PARTICULARLY BURRATA CHEESE
(51) Int. Cl.
A01J 25/00 (2006.01)
A01J 25/12 (2006.01)
A01J 27/04 (2006.01)
A23C 19/09 (2006.01)
(87) WO2023/089498
(31) 102021000029345 **(32)** 19.11.21 **(33)** IT
(43) 25.05.2023
(72) MAROTTA, Carmine
(74) P.L. Berry & Associates Ltd

(71) MARVELBIOME, INC.
(11) AU-A-2022401678
(21) 2022401678 **(22)** 01.12.2022
(54) METHODS AND USES OF MICROBIOME COMPOSITIONS, COMPONENTS, OR METABOLITES FOR TREATING VAGUS NERVE ASSOCIATED DISEASES, DISORDERS, AND CONDITIONS
(51) Int. Cl.
A23L 33/135 (2016.01)
A61N 1/36 (2006.01)
A61P 25/00 (2006.01)
A61P 25/28 (2006.01)
(87) WO2023/102149
(31) 63/285,383 **(32)** 02.12.21 **(33)** US
(43) 08.06.2023
(72) CHATTER, Mukesh; CHATTER, Priti H.; JAYAMANI, Elamparithi; GOVINDAN, Jothi Amaranath
(74) FB Rice Pty Ltd

(71) MASSEY VENTURES LIMITED
(11) AU-A-2022421116
(21) 2022421116 **(22)** 21.12.2022
(54) PROCESS FOR PREPARING HYBRID MEAT ANALOGUE
(51) Int. Cl.
A23L 13/40 (2023.01)
A23J 3/04 (2006.01)
A23J 3/14 (2006.01)
A23J 3/16 (2006.01)
A23J 3/22 (2006.01)
A23L 11/00 (2021.01)
A47J 27/04 (2006.01)
A47J 27/17 (2006.01)
A47J 43/04 (2006.01)
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(31) 783717 **(32)** 22.12.21 **(33)** NZ

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 (74) Blue Penguin IP Ltd
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- (71) MAYEKAWA MFG. CO., LTD.
 (11) AU-A-2022407627
 (21) 2022407627 (22) 20.10.2022
 (54) MEAT SEPARATOR AND DEVICE FOR STRIPPING MEAT PART FROM BONE-IN MEAT
 (51) Int. Cl.
A22C 21/00 (2006.01)
 (87) WO2023/105945
 (31) 2021-200254 (32) 09.12.21 (33) JP
 (43) 15.06.2023
 (72) HANE Shinji; KAJIYAMA Tomotaka; OKA Kenichi; KOYAMA Yusuke; KODAMA Ryuji
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- (71) MEDANNEX LTD.
 (11) AU-A-2022389646
 (21) 2022389646 (22) 18.11.2022
 (54) COMBINATION THERAPY FOR CANCER
 (51) Int. Cl.
A61P 35/00 (2006.01)
A61K 31/69 (2006.01)
A61K 33/243 (2019.01)
A61K 39/00 (2006.01)
C07K 16/18 (2006.01)
C07K 16/28 (2006.01)
 (87) WO2023/089150
 (31) 2116680.6 (32) 18.11.21 (33) GB
 2208893.4 16.06.22 GB
 (43) 25.05.2023
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 (74) Davies Collison Cave Pty Ltd
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- (71) MEDISCA PHARMACEUTIQUE INC.
 (11) AU-A-2022422220
 (21) 2022422220 (22) 19.12.2022
 (54) MODULAR SYSTEM FOR AUTOMATED COMPOUNDING APPLICATIONS
 (51) Int. Cl.
A61J 3/00 (2006.01)
G06Q 10/087 (2023.01)
G06Q 50/04 (2012.01)
 (87) WO2023/115200
 (31) 63/291,742 (32) 20.12.21 (33) US
 (43) 29.06.2023
 (72) DANOPOULOS, Panagiota
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 (54) REDUCER LOCKING MECHANISMS
 (51) Int. Cl.
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 (43) 25.05.2023
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 (74) Spruson & Ferguson
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- (71) MEDSHINE DISCOVERY INC.
 (11) AU-A-2022392980
 (21) 2022392980 (22) 08.11.2022
 (54) STAPLED PEPTIDE AND USE THEREOF
 (51) Int. Cl.
A61K 38/26 (2006.01)
A61P 3/10 (2006.01)
C07K 14/605 (2006.01)
 (87) WO2023/088140
 (31) 202111398470.4 (32) 19.11.21 (33) CN
 202111500873.5 09.12.21 CN
 (43) 25.05.2023
 (72) PAN, Zhixiang; HE, Haiying; JIANG, Zhigan; CHEN, Shuhui
 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) MEDSKIN SOLUTIONS DR.
 SUWELACK AG
 (11) AU-A-2022413984
 (21) 2022413984 (22) 19.12.2022
 (54) COMPOSITION COMPRISING A BIOMATERIAL-BASED POROUS MATERIAL COATED WITH A POWDER
 (51) Int. Cl.
A61L 15/28 (2006.01)
A61L 15/32 (2006.01)
A61L 15/42 (2006.01)
 (87) WO2023/111353
 (31) 21215771.3 (32) 17.12.21 (33) EP
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 (43) 22.06.2023
 (72) WOGRAM, Marco; VÖLKER, Annalena
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- (71) MEDTRONIC, INC.
 (11) AU-A-2022392814
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 (54) ESTIMATION OF SERUM POTASSIUM AND/OR GLOMERULAR FILTRATION RATE FROM ELECTROCARDIOGRAM FOR MANAGEMENT OF HEART FAILURE PATIENTS
 (51) Int. Cl.
A61B 5/11 (2006.01)
A61B 5/00 (2006.01)
A61B 5/145 (2006.01)
A61B 5/283 (2021.01)
A61B 5/355 (2021.01)
A61B 5/361 (2021.01)
 (87) WO2023/089467
 (31) 63/264,346 (32) 19.11.21 (33) US
 (43) 25.05.2023
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- (71) MEDTRONIC, INC.
 (11) AU-A-2022403196
 (21) 2022403196 (22) 18.11.2022
 (54) CHRONIC OBSTRUCTIVE PULMONARY DISEASE MONITORING
 (51) Int. Cl.
A61B 5/08 (2006.01)
A61B 5/00 (2006.01)
A61B 5/091 (2006.01)
 (87) WO2023/100021
 (31) 63/264,744 (32) 01.12.21 (33) US
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 (43) 08.06.2023
 (72) MORREN, Geert
 (74) FB Rice Pty Ltd
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- (71) MEMBRION, INC.
 (11) AU-A-2022405381
 (21) 2022405381 (22) 08.12.2022
 (54) MATERIALS FOR THE CAPTURE OF SUBSTANCES
 (51) Int. Cl.
B01J 20/32 (2006.01)
B01J 20/28 (2006.01)
B01J 39/17 (2017.01)
C02F 1/28 (2023.01)
 (87) WO2023/107629
 (31) 63/288,216 (32) 10.12.21 (33) US
 (43) 15.06.2023
 (72) NEWBLOOM, Gregory Matthew; LENZ, Olivia Marie; CAVE, Emma
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) MERISTEM CROP PERFORMANCE GROUP, LLC
 (11) AU-A-2023375285
 (21) 2023375285 (22) 20.12.2023
 (54) TANK MIX ADJUVANT SYSTEM FOR SPORE FORMING AND NONSPORE FORMING BACTERIA FOR RESIDUE BREAKDOWN
 (51) Int. Cl.
C05F 17/20 (2020.01)
C05C 3/00 (2006.01)
C05F 11/08 (2006.01)
C05G 1/00 (2006.01)
C05G 3/00 (2020.01)
C05G 3/50 (2020.01)
 (31) 63/434,376 (32) 21.12.22 (33) US
 (43) 04.07.2024
 (72) LOVELESS, Lucas; FIENE, Larry; GEDNALSKE, Joe; HASCHEMEYER, Brian
 (74) Michael Buck IP
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- (71) MEUDAL, N.
 (11) AU-A-2022415525
 (21) 2022415525 (22) 14.12.2022
 (54) DEVICE FOR TREATING AQUEOUS EFFLUENT BY MEANS OF FILTRATION, UV AND OZONE, AND METHOD USING SUCH A DEVICE
 (51) Int. Cl.
C02F 1/00 (2023.01)
C02F 1/32 (2023.01)
C02F 1/72 (2023.01)
C02F 1/74 (2023.01)
C02F 1/78 (2023.01)

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C02F 103/00 (2006.01)
(87) WO2023/110969
(31) FR2113746 **(32)** 16.12.21 **(33)** FR
(43) 22.06.2023
(72) MEUDAL, Nicolas
(74) AJ PARK

(71) MINESENSE TECHNOLOGIES LTD.
(11) AU-A-2022390822
(21) 2022390822 **(22)** 22.11.2022
(54) COMPOSITIONAL MULTISPECTRAL AND HYPERSPECTRAL IMAGING SYSTEMS FOR MINING SHOVELS AND ASSOCIATED METHODS
(51) Int. Cl.
G01V 8/02 (2006.01)
E21C 35/00 (2006.01)
E21C 39/00 (2006.01)
G01J 3/28 (2006.01)
G01N 23/223 (2006.01)
(87) WO2023/087118
(31) 63/282,087 **(32)** 22.11.21 **(33)** US
(43) 25.05.2023
(72) THOMSSON, Daniel; HEAST, Maarten
(74) CreatelP

(71) MINOVIA THERAPEUTICS LTD.
(11) AU-A-2022417076
(21) 2022417076 **(22)** 01.12.2022
(54) MITOCHONDRIAL AUGMENTATION THERAPY FOR MYELODYSPLASTIC SYNDROME
(51) Int. Cl.
A61K 35/28 (2015.01)
A61K 35/51 (2015.01)
A61P 7/00 (2006.01)
(87) WO2023/112018
(31) 63/289,069 **(32)** 13.12.21 **(33)** US
(43) 22.06.2023
(72) YIVGI-OHANA, Natalie; SHER, Noa
(74) FB Rice Pty Ltd

(71) MIRKA OY
(11) AU-A-2022420901
(21) 2022420901 **(22)** 20.12.2022
(54) METHOD AND DEVICE FOR ABRASION OF OUTER LAYER OF EPIDERMIS
(51) Int. Cl.
A61B 17/54 (2006.01)
A61B 17/32 (2006.01)
(87) WO2023/118657
(31) 20216342 **(32)** 23.12.21 **(33)** FI
(43) 29.06.2023
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(74) Griffith Hack

(71) MIRUKU LIMITED
(11) AU-A-2022417596
(21) 2022417596 **(22)** 21.12.2022

(54) MODIFIED DAIRY PROTEINS, METHODS FOR THEIR PRODUCTION AND USE
(51) Int. Cl.
A23C 11/08 (2006.01)
C07K 14/47 (2006.01)
C12N 15/82 (2006.01)
(87) WO2023/119200
(31) 2021904275 **(32)** 24.12.21 **(33)** AU
(43) 29.06.2023
(72) FANI, Alejandra Acevedo; SINGH, Harjinder; ASOR, Mai Shamir; SHOSEYOV, Oded; ABRAMSON, Miron
(74) Foote Intellectual Property Limited

(71) MONASH UNIVERSITY
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(51) Int. Cl.
G01B 21/32 (2006.01)
E02D 1/02 (2006.01)
G01B 11/06 (2006.01)
G01B 11/16 (2006.01)
G01B 21/08 (2006.01)
G01N 3/00 (2006.01)
G01N 9/00 (2006.01)
G01N 33/24 (2006.01)
(87) WO2023/108190
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(74) Davies Collison Cave Pty Ltd

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(54) AN APPARATUS FOR SEPARATING MICRO-SWIMMERS
(51) Int. Cl.
G01N 1/28 (2006.01)
A61B 17/43 (2006.01)
B01L 3/00 (2006.01)
C12N 5/00 (2006.01)
C12N 5/071 (2010.01)
G01N 15/10 (2006.01)
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(74) PHILLIPS ORMONDE FITZPATRICK

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(21) 2022422210 **(22)** 22.12.2022
(54) DEVICE AND SYSTEM FOR MONITORING GEOLOGICAL AND STRUCTURAL DISPLACEMENT
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G01S 1/02 (2010.01)
G01S 1/12 (2006.01)
G01S 19/39 (2010.01)
H02S 20/30 (2014.01)
H04L 67/52 (2022.01)

H04W 4/021 (2018.01)
(87) WO2023/115140
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(54) BEAM
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E04C 3/08 (2006.01)
E04C 3/04 (2006.01)
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(74) Griffith Hack

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(54) ACTIVE/PASSIVE COOLING SYSTEM WITH PUMPED REFRIGERANT
(51) Int. Cl.
H05K 7/20 (2006.01)
F25B 25/00 (2006.01)
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(43) 13.07.2023
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(21) 2022425707 **(22)** 30.12.2022
(54) POLYPEPTIDE FRAGMENTS, IMMUNOGENIC COMPOSITION AGAINST INFLUENZA VIRUS, AND IMPLEMENTATIONS THEREOF
(51) Int. Cl.
A61K 39/145 (2006.01)
A61P 31/16 (2006.01)
C07K 14/11 (2006.01)
C12N 15/06 (2006.01)
(87) WO2023/126982
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B02B 1/04 (2006.01)

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 H04L 61/3015 (2022.01)
 H04L 9/40 (2022.01)
 H04L 61/4511 (2022.01)
 H04L 61/4535 (2022.01)
 H04L 61/5076 (2022.01)
 H04L 65/00 (2022.01)
 H04L 67/104 (2022.01)
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 C22C 38/02 (2006.01)
 C21C 7/00 (2006.01)
 C21D 8/02 (2006.01)
 C22C 33/06 (2006.01)
 C22C 38/04 (2006.01)
 C22C 38/06 (2006.01)
 C22C 38/44 (2006.01)
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 E03F 3/04 (2006.01)
 E01C 11/22 (2006.01)
 E03F 5/14 (2006.01)
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 C12N 15/52 (2006.01)
 C12P 17/18 (2006.01)
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 G06Q 20/00 (2012.01)
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 A01H 13/00 (2006.01)
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 (43) 06.07.2023
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 A61K 31/01 (2006.01)
 A61K 31/065 (2006.01)
 A61K 31/02 (2006.01)
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 A61P 35/00 (2006.01)
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 H02J 7/34 (2006.01)
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 (51) Int. Cl.

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 SHIMIZU, Katsuya
(74) FPA Patent Attorneys Pty Ltd

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 NON-COMBUSTIBLE AEROSOL PRO-
 VISION DEVICE
(51) Int. Cl.
A24D 1/20 (2020.01)
A24F 40/42 (2020.01)
(87) WO2023/012308
(31) 2111265.1 **(32)** 04.08.21 **(33)** GB
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(72) RICHARDSON, John; BRAY, Andrew
(74) Spruson & Ferguson

(71) NICOVENTURES TRADING LIMITED
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(54) AEROSOL-GENERATING COMPOSI-
 TIONS
(51) Int. Cl.
A24B 3/14 (2006.01)
A24D 1/20 (2020.01)
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(31) 2117953.6 **(32)** 13.12.21 **(33)** GB
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 Kayster; AOUN, Walid Abi
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(54) AEROSOL PROVISION DEVICE
(51) Int. Cl.
A24F 40/40 (2020.01)
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 GOMEZ, Jorge
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(54) AEROSOL PROVISION DEVICE
(51) Int. Cl.
A24F 40/40 (2020.01)
(87) WO2023/117901
(31) 2118990.7 **(32)** 24.12.21 **(33)** GB
(43) 29.06.2023
(72) COWAN, Dean
(74) Spruson & Ferguson

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(54) AEROSOL PROVISION DEVICE
(51) Int. Cl.
A24F 40/40 (2020.01)
A24F 40/465 (2020.01)
(87) WO2023/117911
(31) 2118812.3 **(32)** 22.12.21 **(33)** GB
(43) 29.06.2023
(72) MCGRATH, Conor; HOLDEN, Matthew;
 GOMEZ, Jorge
(74) Spruson & Ferguson

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(54) MOUTH COMPONENT FOR AN AER-
 OSOL PROVISION DEVICE
(51) Int. Cl.
A24F 40/40 (2020.01)
A24F 40/20 (2020.01)
(87) WO2023/117956
(31) 2118804.0 **(32)** 22.12.21 **(33)** GB
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(72) BURGESS, Jonathan; HOLDEN, Mat-
 thew; GOMEZ, Jorge
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(54) AEROSOL GENERATING DEVICE
(51) Int. Cl.
A24F 40/46 (2020.01)
(87) WO2023/117991
(31) 2118725.7 **(32)** 22.12.21 **(33)** GB
(43) 29.06.2023
(72) COWAN, Dean; HODGSON, Matthew;
 TAVERN, Sydney
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(54) AEROSOL PROVISION DEVICE
(51) Int. Cl.
A24F 40/485 (2020.01)
(87) WO2023/118006
(31) 2118884.2 **(32)** 23.12.21 **(33)** GB
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(72) GOMEZ, Jorge; HOLDEN, Matthew;
 MCGRATH, Conor
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(21) 2022419083 **(22)** 19.12.2022
(54) AEROSOL PROVISION DEVICE
(51) Int. Cl.
H01H 13/26 (2006.01)
A24F 40/60 (2020.01)
(87) WO2023/118016
(31) 2118947.7 **(32)** 23.12.21 **(33)** GB

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 MCGRATH, Conor
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(11) AU-A-2022419162
(21) 2022419162 **(22)** 20.12.2022
(54) A METHOD OF MANUFACTURING A
 PRODUCT COMPRISING AEROSOL
 GENERATING MATERIAL
(51) Int. Cl.
A24B 3/14 (2006.01)
A24F 40/42 (2020.01)
(87) WO2023/118225
(31) 2118583.0 **(32)** 20.12.21 **(33)** GB
(43) 29.06.2023
(72) SOFFE, Joanna
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(54) AEROSOL PROVISION DEVICE
(51) Int. Cl.
A24F 40/40 (2020.01)
A24F 40/20 (2020.01)
(87) WO2023/117994
(31) 2118801.6 **(32)** 22.12.21 **(33)** GB
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 GOMEZ, Jorge
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(21) 2022420656 **(22)** 19.12.2022
(54) AEROSOL PROVISION DEVICE
(51) Int. Cl.
A24F 40/40 (2020.01)
A24F 15/01 (2020.01)
A24F 40/20 (2020.01)
(87) WO2023/118004
(31) 2118880.0 **(32)** 23.12.21 **(33)** GB
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 MCGRATH, Conor
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(54) AEROSOL PROVISION DEVICE
(51) Int. Cl.
A24F 40/20 (2020.01)
A24F 40/465 (2020.01)
H05B 6/00 (2006.01)
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(54) AEROSOL PROVISION SYSTEMS AND ARTICLES FOR USE THEREIN
(51) Int. Cl.
A24D 1/20 (2020.01)
A24F 40/46 (2020.01)
A24D 1/00 (2020.01)
(87) WO2023/118832
(31) 2118541.8 (32) 20.12.21 (33) GB
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(72) DIMMICK, Barry
(74) Spruson & Ferguson
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(54) AEROSOL PROVISION DEVICE
(51) Int. Cl.
A24D 1/20 (2020.01)
A24F 40/40 (2020.01)
A24F 40/485 (2020.01)
(87) WO2023/117998
(31) 2118989.9 (32) 24.12.21 (33) GB
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(72) COWAN, Dean
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(21) 2022422034 (22) 19.12.2022
(54) AEROSOL GENERATING DEVICE
(51) Int. Cl.
A24F 40/46 (2020.01)
A24F 40/40 (2020.01)
(87) WO2023/118003
(31) 2118760.4 (32) 22.12.21 (33) GB
(43) 29.06.2023
(72) COWAN, Dean; HODGSON, Matthew;
TAVERN, Sydney
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- (71) NICOVENTURES TRADING LIMITED
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(21) 2022422035 (22) 19.12.2022
(54) AEROSOL PROVISION DEVICE
(51) Int. Cl.
A24F 40/485 (2020.01)
(87) WO2023/118008
(31) 2118879.2 (32) 23.12.21 (33) GB
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(72) GOMEZ, Jorge; HOLDEN, Matthew;
MCGRATH, Conor
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(54) AEROSOL PROVISION DEVICE
(51) Int. Cl.
A24F 40/485 (2020.01)
A24F 40/40 (2020.01)
(87) WO2023/118013
(31) 2118882.6 (32) 23.12.21 (33) GB
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MCGRATH, Conor
(74) Spruson & Ferguson
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(11) AU-A-2022422170
(21) 2022422170 (22) 20.12.2022
(54) A METHOD OF MANUFACTURING A CONSUMABLE COMPRISING AEROSOL GENERATING MATERIAL
(51) Int. Cl.
A24F 40/42 (2020.01)
A24B 3/14 (2006.01)
A24F 40/465 (2020.01)
(87) WO2023/118234
(31) 2118579.8 (32) 20.12.21 (33) GB
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SOFFE, Joanna
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(21) 2022422295 (22) 21.12.2022
(54) AEROSOL PROVISION DEVICE
(51) Int. Cl.
A24F 40/465 (2020.01)
H05B 6/10 (2006.01)
H05B 6/44 (2006.01)
(87) WO2023/118384
(31) 2119026.9 (32) 24.12.21 (33) GB
(43) 29.06.2023
(72) MUSGRAVE, Damyn; XIAO, Zhihuang;
BALL, Daniel
(74) Spruson & Ferguson
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(21) 2022422428 (22) 21.12.2022
(54) METHOD OF MANUFACTURING OR ASSEMBLING AN AEROSOL GENERATOR
(51) Int. Cl.
A24F 40/465 (2020.01)
A24F 40/70 (2020.01)
H05B 6/10 (2006.01)
H05B 6/44 (2006.01)
A24F 40/20 (2020.01)
(87) WO2023/118381
(31) 2119029.3 (32) 24.12.21 (33) GB
(43) 29.06.2023
(72) XIAO, Zhihuang; BALL, Daniel
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(21) 2022424389 (22) 29.12.2022
(54) A COMPONENT FOR A DELIVERY SYSTEM AND A METHOD AND APPARATUS FOR MANUFACTURING A COMPONENT FOR A DELIVERY SYSTEM
(51) Int. Cl.
A24D 3/02 (2006.01)
A24D 3/04 (2006.01)
(87) WO2023/126503
(31) 2119093.9 (32) 29.12.21 (33) GB
(43) 06.07.2023
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(11) AU-A-2022425585
(21) 2022425585 (22) 29.12.2022
(54) A COMPONENT FOR A DELIVERY SYSTEM AND A METHOD AND APPARATUS FOR MANUFACTURING A COMPONENT FOR A DELIVERY SYSTEM
(51) Int. Cl.
A24D 3/02 (2006.01)
A24D 3/04 (2006.01)
(87) WO2023/126505
(31) 2119095.4 (32) 29.12.21 (33) GB
(43) 06.07.2023
(72) GRISHCHENKO, Andrei; HEPWORTH, Richard
(74) Spruson & Ferguson
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- (71) NICOVENTURES TRADING LIMITED
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(21) 2022426657 (22) 29.12.2022
(54) A COMPONENT FOR A DELIVERY SYSTEM AND A METHOD FOR MANUFACTURING A COMPONENT FOR A DELIVERY SYSTEM
(51) Int. Cl.
A24D 1/00 (2020.01)
A24D 3/02 (2006.01)
A24D 3/04 (2006.01)
A24D 1/20 (2020.01)
(87) WO2023/126504
(31) 2119094.7 (32) 29.12.21 (33) GB
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(72) HEPWORTH, Richard; GRISHCHENKO, Andrei
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- (71) NICOVENTURES TRADING LIMITED
(11) AU-A-2022427843
(21) 2022427843 (22) 29.12.2022
(54) A COMPONENT FOR A DELIVERY SYSTEM AND A METHOD AND APPARATUS FOR MANUFACTURING A COMPONENT FOR A DELIVERY SYSTEM
(51) Int. Cl.
A24D 1/00 (2020.01)
A24D 3/02 (2006.01)
A24D 3/04 (2006.01)
(87) WO2023/126503
(31) 2119093.9 (32) 29.12.21 (33) GB
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(72) HEPWORTH, Richard; GRISHCHENKO, Andrei
(74) Spruson & Ferguson
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- (71) NICOVENTURES TRADING LIMITED
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 (51) Int. Cl.
A24F 40/30 (2020.01)
A24F 40/42 (2020.01)
A24F 40/10 (2020.01)
A24F 40/20 (2020.01)
 (87) WO2023/139369
 (31) 2200793.4 (32) 21.01.22 (33) GB
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 (74) Spruson & Ferguson
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- (71) NIHON NOHYAKU CO., LTD.
 (11) AU-A-2022427156
 (21) 2022427156 (22) 26.12.2022
 (54) ARYL TETRAHYDOPYRIDAZINE DERIVATIVE OR SALT THEREOF, PESTICIDE CONTAINING SAID COMPOUND, AND METHOD FOR USING SAME
 (51) Int. Cl.
C07D 237/24 (2006.01)
A01N 43/58 (2006.01)
A01N 43/60 (2006.01)
A01N 43/76 (2006.01)
A01N 43/78 (2006.01)
A01N 43/80 (2006.01)
A01N 43/836 (2006.01)
A01N 43/90 (2006.01)
A01N 47/02 (2006.01)
A01N 47/16 (2006.01)
A01N 47/38 (2006.01)
A01N 55/10 (2006.01)
A01P 5/00 (2006.01)
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 (74) Griffith Hack
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- (54) INDAZOLE COMPOUND AND PHARMACEUTICAL
 (51) Int. Cl.
C07D 231/56 (2006.01)
A61K 31/416 (2006.01)
A61K 31/427 (2006.01)
A61K 31/4439 (2006.01)
A61K 31/454 (2006.01)
A61K 31/501 (2006.01)
A61K 31/506 (2006.01)
A61K 31/5377 (2006.01)
A61P 1/02 (2006.01)
A61P 1/04 (2006.01)
A61P 1/18 (2006.01)
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H04L 43/08 (2022.01)
G06F 21/55 (2013.01)
H04L 43/028 (2022.01)
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 (74) Davies Collison Cave Pty Ltd
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 (54) ONE-COMPONENT UNDERWATER CURABLE ADHESIVE
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C09J 183/06 (2006.01)
C08L 83/06 (2006.01)
C09J 11/04 (2006.01)
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 (54) TETRAHYDOPYRIDAZINES, COMPOSITIONS COMPRISING THEM AND USES THEREOF
 (51) Int. Cl.
C07D 237/04 (2006.01)
A61K 31/50 (2006.01)
A61K 31/501 (2006.01)
A61P 3/00 (2006.01)
C07D 401/12 (2006.01)
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 (54) APPARATUS AND METHOD FOR COMMUNUTING OBJECTS
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 (54) DETECTING A TRANSPORT DEVICE IN A WORKSPACE
 (51) Int. Cl.
B65G 1/04 (2006.01)
B65G 1/137 (2006.01)
G05D 1/00 (2006.01)
G06V 10/82 (2022.01)
 (87) WO2023/094621
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 (72) DIMITROVSKI, Mihail; AVRAMOV, Hristo
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H01M 4/24 (2006.01)
H01M 10/36 (2010.01)
H01M 12/08 (2006.01)
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 (54) EXTRUDED OCULAR INSERTS OR IMPLANTS AND METHODS THEREOF
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A61K 9/10 (2006.01)
A61K 9/14 (2006.01)
A61L 27/40 (2006.01)
A61L 27/54 (2006.01)
A61L 27/58 (2006.01)
A61P 27/02 (2006.01)
A61F 2/14 (2006.01)
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B23K 26/34 (2014.01)
B23K 26/08 (2014.01)
F16D 65/12 (2006.01)
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 (54) USE OF A MONOESTER AND A DIESTER AS A DIELECTRIC COOLANT
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C09K 5/10 (2006.01)
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 (72) LESCOFFIT, Anne-Elise; KERBRAT, Marion
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 (21) 2022433404 (22) 12.01.2022
 (54) SEQUESTRATION OF CO2
 (51) Int. Cl.
C01B 32/60 (2017.01)
B01D 53/62 (2006.01)
C01F 5/24 (2006.01)
C04B 28/10 (2006.01)
C04B 35/00 (2006.01)
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 (72) BELLMANN, Frank
 (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD
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 (54) PHARMACEUTICAL COMPOSITION OF A CYP11A1 INHIBITOR
 (51) Int. Cl.
A61K 9/20 (2006.01)
A61K 31/454 (2006.01)
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- (71) OTSUKA PHARMACEUTICAL CO., LTD.
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 (21) 2022412471 (22) 14.12.2022
 (54) COMPOSITION FOR IMPROVING SLEEP QUALITY OR CONTROLLING AUTONOMIC NERVOUS SYSTEM
 (51) Int. Cl.
A23L 33/105 (2016.01)
A61K 31/352 (2006.01)
A61K 36/31 (2006.01)
A61P 25/02 (2006.01)
A61P 25/20 (2006.01)
 (87) WO2023/112963
 (31) 2021-203424 (32) 15.12.21 (33) JP
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 (74) Davies Collison Cave Pty Ltd
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- (71) PANGANG GROUP PANZHIHUA IRON & STEEL RESEARCH INSTITUTE CO., LTD.; PANGANG GROUP PANZHIHUA STEEL & VANADIUM CO., LTD.
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 (21) 2023216728 (22) 15.05.2023
 (54) Method for producing bainite frog steel with large compression ratio
 (51) Int. Cl.
C21D 1/00 (2006.01)
 (31) 202211616354.X (32) 15.12.22 (33) CN
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 (72) YUAN, Jun; WANG, Daiwen; YANG, Dawei; LI, Ruoxi
 (74) FB Rice Pty Ltd
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- (71) PARASIGHT SYSTEM INC.
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 (54) METHOD OF FECAL SAMPLE PREPARATION FOR AUTOMATED IMAGE ANALYSIS
 (51) Int. Cl.
A61B 10/00 (2006.01)
G01N 33/50 (2006.01)
 (87) WO2023/101838
 (31) 63/285,657 (32) 03.12.21 (33) US
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 (72) SLUSAREWICZ, Pawel; MILLS, Christopher; SCHMELING, David; SCHROEDER, Christopher
 (74) James & Wells Intellectual Property
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- (71) PAYPAL, INC.
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G06F 16/958 (2019.01)
G06F 16/95 (2019.01)
G06Q 30/06 (2023.01)
G06F 16/00 (2019.01)
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 (74) FPA Patent Attorneys Pty Ltd
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 (21) 2022410694 (22) 14.12.2022
 (54) POLYNUCLEOTIDE COMPOSITIONS AND USES THEREOF
 (51) Int. Cl.
 A61K 39/108 (2006.01)
 A61P 13/02 (2006.01)
 A61P 31/04 (2006.01)
 (87) WO2023/111907
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 (74) Allens Patent & Trade Mark Attorneys
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 (21) 2022416644 (22) 16.12.2022
 (54) SOLID FORMS OF PYRAZOLO[3,4-D]PYRIMIDINE COMPOUNDS
 (51) Int. Cl.
 C07D 487/04 (2006.01)
 A61K 31/496 (2006.01)
 A61P 9/12 (2006.01)
 (87) WO2023/114995
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 (74) FPA Patent Attorneys Pty Ltd
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 (21) 2022417575 (22) 16.12.2022
 (54) DIGITAL MEDICINE COMPANION FOR TREATING AND MANAGING SKIN DISEASES
 (51) Int. Cl.
 G16H 50/20 (2018.01)
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 (74) Allens Patent & Trade Mark Attorneys
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 (51) Int. Cl.
 C12C 12/00 (2006.01)
 C12C 11/00 (2006.01)
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 (43) 15.06.2023
 (72) RUFFELL, Joshua
 (74) Southern Cross Intellectual Property
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 C12C 12/00 (2006.01)
 C12C 11/00 (2006.01)
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 (54) SODIUM ION ADSORBENT, PREPARATION METHOD THEREOF, AND METHOD OF REMOVING SODIUM ION
 (51) Int. Cl.
 B01J 20/02 (2006.01)
 B01J 20/04 (2006.01)
 B01J 20/08 (2006.01)
 B01J 20/10 (2006.01)
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 C02F 1/28 (2023.01)
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 A61P 1/00 (2006.01)
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 A61P 35/00 (2006.01)
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 (74) James & Wells Intellectual Property
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 (21) 2022399459 (22) 02.12.2022
 (54) COMPACT SPLICE ENCLOSURE WITH IMPROVED ACCESS TO ADAPTERS
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 G02B 6/44 (2006.01)
 (87) WO2023/102173
 (31) 63/285,576 (32) 03.12.21 (33) US
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 (72) DONCHEV, Stefan; VA, Afzal
 (74) Origin Patent and Trade Mark Attorneys
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 (54) NOVEL COMPOUND FOR DEGRADING TARGET PROTEIN OR POLYPEPTIDE BY USING POLYUBIQUITINATION
 (51) Int. Cl.
 C07D 307/68 (2006.01)
 A61K 31/55 (2006.01)
 C07C 219/06 (2006.01)
 C07C 237/20 (2006.01)
 C07D 211/58 (2006.01)
 C07D 295/125 (2006.01)
 C07D 405/04 (2006.01)
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 (72) INN, Kyung Soo; KIM, Nam Jung; LEE, Jong Kil; KIM, Ga Yeong; KIM, Kyeo Jin; KIM, Dong Hwan; KIM, So Young; KIM, Soo Lim; KIM, Hee Jin; DO, Ji Min; MIN, Chan Ki; SEO, Min Jung; SONG, Chae Won; LEE, Na Rae; LEE, Hye Won; SON, Seung Hwan; LEE, Dan Bi; LEE, Se In
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 A61N 1/05 (2006.01)
 A61N 1/36 (2006.01)
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G01N 27/26 (2006.01)
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B82Y 10/00 (2011.01)
G06N 10/00 (2022.01)
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A23B 4/06 (2006.01)
F25D 17/08 (2006.01)
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B28B 3/00 (2006.01)
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C30B 23/02 (2006.01)
C30B 25/18 (2006.01)
C30B 29/04 (2006.01)
G01Q 60/10 (2010.01)
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A61K 38/05 (2006.01)
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A61K 39/395 (2006.01)
A61P 9/00 (2006.01)
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 C11D 1/835 (2006.01)
 C11D 3/00 (2006.01)
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 A61K 48/00 (2006.01)
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 A61H 3/00 (2006.01)
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 B62K 11/00 (2013.01)
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 A61P 35/00 (2006.01)
 C07K 14/195 (2006.01)
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 H01B 17/52 (2006.01)
 H01H 13/04 (2006.01)
 H01H 33/53 (2006.01)
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 E01C 11/26 (2006.01)
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G06T 9/00 (2006.01)
G06N 3/045 (2023.01)
H04N 19/60 (2014.01)
H04N 19/82 (2014.01)
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A61K 39/00 (2006.01)
A61P 31/20 (2006.01)
A61P 37/06 (2006.01)
C07K 14/725 (2006.01)
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C12N 5/0783 (2010.01)
C12N 15/85 (2006.01)
C12N 15/90 (2006.01)
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A61K 31/436 (2006.01)
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 (51) Int. Cl.
C07C 209/28 (2006.01)
C07C 211/55 (2006.01)
C08L 7/00 (2006.01)
C09K 15/16 (2006.01)
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G01R 1/20 (2006.01)
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G01N 33/574 (2006.01)
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E02D 29/14 (2006.01)
E03F 5/06 (2006.01)
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A61P 11/00 (2006.01)
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B28B 1/00 (2006.01)
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C04B 24/12 (2006.01)
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A61L 2/10 (2006.01)
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A61K 35/744 (2015.01)
A61K 35/747 (2015.01)
A61P 15/12 (2006.01)
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C08F 210/02 (2006.01)
C08L 23/08 (2006.01)
C08K 5/09 (2006.01)
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A61G 7/018 (2006.01)
A61B 5/11 (2006.01)
G16H 40/63 (2018.01)
A61B 5/00 (2006.01)
A61B 5/02 (2006.01)
A61G 7/05 (2006.01)
G08B 21/04 (2006.01)
G16H 40/67 (2018.01)
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A61G 7/00 (2006.01)
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G16H 40/00 (2018.01)
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A61F 7/00 (2006.01)
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A61B 5/11 (2006.01)
A61G 7/012 (2006.01)
A61G 7/015 (2006.01)
H04L 43/10 (2022.01)
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A61G 7/00 (2006.01)
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G16H 40/00 (2018.01)
A61G 7/05 (2006.01)
G06K 7/10 (2006.01)
H04B 7/24 (2006.01)
H04B 10/114 (2013.01)
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A61G 7/00 (2006.01)
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G16H 40/00 (2018.01)
H04W 4/029 (2018.01)
G06K 7/10 (2006.01)
H04B 7/24 (2006.01)
H04B 10/114 (2013.01)
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A61G 7/00 (2006.01)
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H04W 4/029 (2018.01)
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A61G 7/00 (2006.01)
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C01D 15/00 (2006.01)
C22B 26/12 (2006.01)
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C07K 14/825 (2006.01)
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C12N 9/00 (2006.01)
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C12N 15/85 (2006.01)
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C12N 15/88 (2006.01)
C12N 15/90 (2006.01)
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C10G 3/00 (2006.01)
C07C 29/132 (2006.01)
C10B 53/02 (2006.01)
C10G 1/00 (2006.01)
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C01B 3/16 (2006.01)
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B63B 21/50 (2006.01)
B63B 1/10 (2006.01)
F03D 13/25 (2016.01)
B63B 35/44 (2006.01)
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C07H 19/06 (2006.01)
C12N 9/10 (2006.01)
C12N 9/88 (2006.01)
C12N 9/90 (2006.01)
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A21D 13/066 (2017.01)
A01H 6/46 (2018.01)
C07K 14/415 (2006.01)
A23J 3/18 (2006.01)
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A61K 31/712 (2006.01)
A61K 31/7125 (2006.01)
A61K 48/00 (2006.01)
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A61P 1/00 (2006.01)
C12N 15/00 (2006.01)
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B60T 17/08 (2006.01)
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B61H 13/02 (2006.01)
F16D 127/04 (2012.01)
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G06F 21/64 (2013.01)
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B03B 9/04 (2006.01)
B03D 1/02 (2006.01)
B09B 3/00 (2022.01)
C04B 18/08 (2006.01)
C04B 28/00 (2006.01)
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B64C 39/02 (2023.01)
B64U 101/67 (2023.01)
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B64C 39/02 (2023.01)
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A61L 27/12 (2006.01)
A61L 27/36 (2006.01)
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C04B 35/447 (2006.01)
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A61K 31/437 (2006.01)
A61K 31/4375 (2006.01)
A61K 31/517 (2006.01)
A61P 1/04 (2006.01)
A61P 1/16 (2006.01)
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C12Q 1/26 (2006.01)
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A61K 31/519 (2006.01)
A61K 31/55 (2006.01)
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C07D 309/10 (2006.01)
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C04B 14/04 (2006.01)
C04B 14/08 (2006.01)
C04B 14/30 (2006.01)
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F02B 31/04 (2006.01)
F02B 37/00 (2006.01)
F02C 1/10 (2006.01)
F02M 26/10 (2016.01)
F02M 26/19 (2016.01)
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F04F 5/16 (2006.01)
F15D 1/00 (2006.01)
F23C 3/00 (2006.01)
F23C 7/00 (2006.01)
F23C 9/00 (2006.01)
F23D 1/02 (2006.01)
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C07K 14/11 (2006.01)
A61K 39/145 (2006.01)
A61K 39/155 (2006.01)
A61K 48/00 (2006.01)
C07K 14/115 (2006.01)
C12N 15/62 (2006.01)
 (87) WO2023/122523
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 (74) AJ PARK
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A61K 39/12 (2006.01)
A61K 39/39 (2006.01)
A61P 31/14 (2006.01)
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 (74) AJ PARK
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 (54) SYSTEMS AND METHODS FOR IDENTIFYING SUBSCRIPTION-BASED UNMANNED AERIAL VEHICLE (UAV)
 (51) Int. Cl.
H04W 24/06 (2009.01)
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2022389069	HEAT AND CONTROL, INC.	2022401548	SHAPE THERAPEUTICS INC.
2022389457	SERMONIX PHARMACEUTICALS, INC.	2022401674	SPOKE SCIENCES, INC.
2022389555	CSPC MEGALITH BIOPHARMACEUTICAL CO., LTD.	2022401678	MARVELBIOME, INC.
2022389604	NANJING IRON & STEEL CO., LTD.	2022401780	JIANGSU HENGRUI PHARMACEUTICALS CO., LTD.
2022389646	MEDANNEX LTD.	2022401795	HANGZHOU SCIWIND BIOSCIENCES CO., LTD.
2022390208	JOHNSON & JOHNSON CONSUMER INC.	2022401897	BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM
2022390374	JIANGSU ATOM BIOSCIENCE AND PHARMACEUTICAL CO., LTD.	2022402277	INTEGRATED DYNAMICS ENGINEERING GMBH
2022390426	MEDOS INTERNATIONAL SARL	2022402359	CURASIGHT A/S
2022390685	GOLDMAN SACHS & CO. LLC; INTERNATIONAL BUSINESS MACHINES CORPORATION	2022402411	WABTEC HAUTS-DE-FRANCE
2022390822	MINESENSE TECHNOLOGIES LTD.	2022402422	MAR-KEY MARQUEES LIMITED
2022390824	BOYLE, N.	2022402919	NEXTRACKER LLC
2022390902	EMENDOBIO INC.	2022403003	EMENDOBIO INC.
2022391182	MAROTTA, C.	2022403106	ROOWALK MOBILITY GMBH
2022391595	NALBANDYAN, A.V.	2022403178	WESTLAKE, C.P.
2022391675	KITTYCAD, INC.	2022403196	MEDTRONIC, INC.
2022391767	SOLAREA BIO, INC.	2022403671	MULTIBEAM FINLAND OY
2022391938	JANSSEN PHARMACEUTICA NV	2022403979	ADAMA MAKHTESHIM LTD.
2022392201	BOSTON SCIENTIFIC NEUROMODULATION CORPORATION	2022404358	BEIJING KANGHONG BIOMEDICAL CO., LTD
2022392348	WUHAN HUMANWELL INNOVATIVE DRUG RESEARCH AND DEVELOPMENT CENTER LIMITED COMPANY	2022404900	PHANTASM LIMITED
2022392468	COUNCIL FOR SCIENTIFIC AND INDUSTRIAL RESEARCH	2022405126	SEATTLE CHILDREN'S HOSPITAL D/B/A SEATTLE CHILDREN'S RESEARCH INSTITUTE; REGENERON PHARMACEUTICALS, INC.
2022392703	RITTAL GMBH & CO. KG	2022405381	MEMBRION, INC.
2022392814	MEDTRONIC, INC.	2022405510	EMPIRICO INC.
2022392831	BIOSIGHT LTD.	2022405520	EMENDOBIO INC.
2022392980	MEDSHINE DISCOVERY INC.	2022405527	DOW GLOBAL TECHNOLOGIES LLC
2022393285	SOFWAVE MEDICAL LTD.	2022405606	THE TRUSTEES OF INDIANA UNIVERSITY
2022393328	LANTERN PHARMA INC.	2022405694	BIONTECH SE
2022393952	TARSIER PHARMA LTD.	2022406285	Q*BIRD B.V.
2022394125	JANSSEN BIOTECH, INC.	2022406290	PHANTASM LIMITED
2022394276	NISSILI CO.,LTD.; INCORPORATED FOUNDATION OKINAWA PREFECTURE ENVIRONMENT SCIENCE CENTER; SHIN-ETSU CHEMICAL CO., LTD.	2022406425	HYDROSOLID GMBH
2022394582	RACE ONCOLOGY LTD	2022406897	OCULAR THERAPEUTIX, Inc.
2022394742	JANSSEN SCIENCES IRELAND UNLIMITED COMPANY	2022406916	THE CHILDREN'S MEDICAL CENTER CORPORATION
2022394780	EJ EMEA	2022407019	UNITED THERAPEUTICS CORPORATION
2022395018	NAMECHEAP, INC.	2022407270	RECKITT BENCKISER HEALTH LIMITED
2022395102	SHANGHAI JEMINCARE PHARMACEUTICAL CO., LTD.	2022407330	IDEAYA BIOSCIENCES, INC.; PFIZER INC.
2022395721	CCTEG COAL MINING RESEARCH INSTITUTE	2022407340	TIANDI SCIENCE AND TECHNOLOGY CO., LTD
2022395753	OCADO INNOVATION LIMITED	2022407435	LOMA LINDA UNIVERSITY
2022395936	NATIONAL UNIVERSITY OF SINGAPORE; IMPERIAL COLLEGE INNOVATIONS LIMITED	2022407441	REGENERON PHARMACEUTICALS, INC.
2022396070	BULK INNOVATIONS PTY LTD	2022407627	MAYEKAWA MFG. CO., LTD.
		2022408126	RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY
		2022408191	CAAMTECH, INC.
		2022408218	NOVO NORDISK A/S
		2022408269	DAIKIN INDUSTRIES, LTD.

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2022408359	KYUSHU UNIVERSITY, NATIONAL UNIVERSITY CORPORATION; SUMITOMO METAL MINING CO., LTD.	2022416639	THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES
2022408865	SHANGHAI HENLIUS BIOTECH, INC.; SHANGHAI HENLIUS BIOPHARMACEUTICAL CO., LTD.; SHANGHAI HENLIUS BIOLOGICS CO., LTD.	2022416644	PFIZER INC.
2022408967	THE CGP LAB LIMITED	2022416913	APTAR FRANCE SAS
2022409611	INTERVET INTERNATIONAL B.V.	2022416947	IMPERIAL COLLEGE INNOVATIONS LIMITED
2022409746	EVAXION BIOTECH A/S	2022416988	EARFLO INC
2022409844	WING AVIATION LLC	2022416994	MONASH UNIVERSITY
2022409848	INSTIL BIO, INC.	2022417007	BATTEN INDUSTRIES INC.
2022409865	EVAPCO, INC.	2022417017	STEMCELL TECHNOLOGIES CANADA INC.
2022409867	ELANCO US INC.	2022417035	HALTER USA INC
2022409891	UNIVERSITE DE BORDEAUX; CENTRE HOSPITALIER UNIVERSITAIRE DE BORDEAUX	2022417076	MINOVIA THERAPEUTICS LTD.
2022410026	ANNEX PRODUCTS PTY. LTD.	2022417291	ALLFLEX AUSTRALIA PTY. LTD.
2022410140	HESSIAN LABS, INC.	2022417295	ALVAREZ, B.B.; DE SOUZA, L.F.R.; DE SOUZA, L.C.R.
2022410422	3B PHARMACEUTICALS GMBH	2022417484	CARGILL, INCORPORATED
2022410510	NICOVENTURES TRADING LIMITED	2022417485	CORCEPT THERAPEUTICS INCORPORATED
2022410528	KRAKEN TECHNOLOGIES LIMITED	2022417486	CARGILL, INCORPORATED
2022410536	GAMA HEALTHCARE LIMITED	2022417487	CARGILL, INCORPORATED
2022410616	BOLTON MEDICAL, INC.	2022417496	BASF AGRICULTURAL SOLUTIONS SEED US LLC
2022410694	PFIZER INC.	2022417501	GENENTECH, INC.
2022410697	ANNEX PRODUCTS PTY. LTD.	2022417519	ILLUMINA, INC.
2022410715	ALPARIS S.A. DE C.V	2022417575	PFIZER INC.
2022410870	DEXCOM, INC.	2022417596	MIRUKU LIMITED
2022411618	INTEROLIGO CORPORATION.	2022417597	ALLFLEX EUROPE SAS; ALLFLEX AUSTRALIA PTY. LTD.
2022411674	FUCHS SE	2022417817	INVENTIO AG
2022412471	OTSUKA PHARMACEUTICAL CO., LTD.	2022417825	INVENTIO AG
2022412905	ADASUNE S.R.O.	2022417832	GEARY, P.F.
2022413129	BECTON, DICKINSON AND COMPANY	2022417858	INVENTIO AG
2022413144	LEGRAND AV INC.	2022417901	CASIO COMPUTER CO., LTD.
2022413155	SUEZ INTERNATIONAL	2022418026	NICOVENTURES TRADING LIMITED
2022413246	MALTA INC.	2022418027	NICOVENTURES TRADING LIMITED
2022413258	SHANGHAI SYNERGY PHARMACEUTICAL SCIENCES CO., LTD.; ZHEJIANG HUAHAI PHARMACEUTICAL CO., LTD.	2022418029	NICOVENTURES TRADING LIMITED
2022413292	THE PENN STATE RESEARCH FOUNDATION; DOWLING, R.	2022418038	NICOVENTURES TRADING LIMITED
2022413551	ARCUTIS BIOTHERAPEUTICS, INC.	2022418121	BAYER AKTIENGESELLSCHAFT
2022413641	BASF SE	2022418124	DOLBY INTERNATIONAL AB
2022413670	BEAM THERAPEUTICS INC.	2022418195	ENGIE; ARIANEGROUP
2022413699	SURROZEN OPERATING, INC.	2022418199	INSERM (INSTITUT NATIONAL DE LA SANTÉ ET DE LA RECHERCHE MÉDICALE); UNIVERSITE COTE D'AZUR; BIPER THERAPEUTICS; CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE
2022413862	JOHN COCKERILL HYDROGEN BELGIUM	2022418263	QOMPIUM
2022413984	MEDSKIN SOLUTIONS DR. SUWELACK AG	2022418397	HEINEKEN SUPPLY CHAIN B.V.
2022414072	FRACTYL HEALTH, INC.	2022418504	WING AVIATION LLC
2022414136	STRYKER EUROPEAN OPERATIONS LIMITED	2022418598	BIOJIVA LLC
2022414174	WING AVIATION LLC	2022418744	MANITOU BF
2022414179	EQUIFAX INC.	2022419078	NICOVENTURES TRADING LIMITED
2022414435	DAIKIN INDUSTRIES, LTD.	2022419081	NICOVENTURES TRADING LIMITED
2022415018	LINDE GMBH	2022419083	NICOVENTURES TRADING LIMITED
2022415324	THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES; SRI INTERNATIONAL	2022419104	ELESTOR B.V.
2022415399	ENEROX GMBH	2022419162	NICOVENTURES TRADING LIMITED
2022415459	THE JOHNS HOPKINS UNIVERSITY	2022419232	ROYAL COLLEGE OF SURGEONS IN IRELAND
2022415476	DENALI THERAPEUTICS INC.	2022419233	INCYTE CORPORATION
2022415517	BLUECAT SOLUTIONS GMBH	2022419255	WISHBONE
2022415525	MEUDAL, N.	2022419276	LANTECH.COM, LLC
2022415536	FERTIN PHARMA A/S	2022419381	AFINITI, LTD.
2022415778	PRAZER THERAPEUTICS INC.	2022419404	EMVISION MEDICAL DEVICES LTD
2022415784	POSCO CO., LTD; RESEARCH INSTITUTE OF INDUSTRIAL SCIENCE & TECHNOLOGY	2022419439	CONVATEC LIMITED
2022416255	CHINA MOBILE COMMUNICATION CO., LTD RESEARCH INSTITUTE; CHINA MOBILE COMMUNICATIONS GROUP CO., LTD.	2022419507	ZOETIS SERVICES LLC
2022416318	NEURAWELL THERAPEUTICS	2022419536	SUPERBREWED FOOD INC.
2022416435	GLYPHIC BIOTECHNOLOGIES, INC.	2022419564	FUSION PHARMACEUTICALS INC.; ASTRAZENECA UK LIMITED
2022416465	VARIOWELL DEVELOPMENT GMBH	2022419565	CARGILL, INCORPORATED
2022416559	SOLENI TECHNOLOGIES CAYMAN, L.P.	2022419599	GRAYMONT WESTERN CANADA INC.
2022416574	HCEMM NONPROFIT KFT.	2022419816	NEURODAWN PHARMACEUTICAL CO., LTD.
		2022419914	BYD COMPANY LIMITED
		2022419939	ILLUMINA, INC.
		2022419971	ZOETIS SERVICES LLC
		2022420284	CHIYODA CORPORATION
		2022420480	BAXTER INTERNATIONAL INC.; BAXTER HEALTHCARE SA

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2022420487	SEATTLE CHILDREN'S HOSPITAL (DBA SEATTLE CHILDREN'S RESEARCH INSTITUTE); BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON; GEN-TIBIO, INC.	2022422307	BASF SE
2022420583	THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM	2022422340	EUROPEAN MOLECULAR BIOLOGY LABORATORY; CENTRO NACIONAL DE INVESTIGACIONES CARDIOVASCULARES CARLOS III F.S.P. (CNIC); CONSEJO SUPERIOR DE INVESTIGACIONES CIENTÍFICAS
2022420605	VIRIDIAN THERAPEUTICS, INC.	2022422423	FERMENTALG
2022420615	TOME BIOSCIENCES, Inc.	2022422428	NICOVENTURES TRADING LIMITED
2022420617	DYNAVAX TECHNOLOGIES CORPORATION	2022422475	CONVATEC LIMITED
2022420619	THE KATHOLIEKE UNIVERSITEIT LEUVEN; SPRINGWORKS THERAPEUTICS INC.; VIB VZW	2022422533	ZEALAND PHARMA A/S
2022420620	FLAGSHIP PIONEERING INNOVATIONS VI, LLC	2022422563	BAVARIAN NORDIC A/S
2022420624	GOODWIN, R.	2022422576	SENSUS SPECTRUM LLC.
2022420654	NICOVENTURES TRADING LIMITED	2022422610	AGRESEARCH LIMITED
2022420656	NICOVENTURES TRADING LIMITED	2022422766	FONTERRA CO-OPERATIVE GROUP LIMITED
2022420657	NICOVENTURES TRADING LIMITED	2022422771	LUNELLA BIOTECH, INC.
2022420698	SAMYANG HOLDINGS CORPORATION	2022422864	SUZHOU RIBO LIFE SCIENCE CO., LTD.
2022420708	STAMICARBON B.V.	2022422876	JEMELLA LIMITED
2022420723	BAYER AKTIENGESELLSCHAFT	2022422888	XORTX THERAPEUTICS, INC.
2022420727	AGB-PHARMA AB	2022423043	BP P.L.C.; JOHNSON MATTHEY DAVY TECHNOLOGIES LIMITED
2022420733	KEMIRA OYJ	2022423291	SYSTEC & SOLUTIONS GMBH
2022420756	GANSHOF VAN DER MEERSCH, N.; RAISSI, K.	2022423419	INVENTIO AG
2022420808	BÜHLER AG	2022423488	CASIO COMPUTER CO., LTD.
2022420814	FERAG AG	2022423544	EATON INTELLIGENT POWER LIMITED
2022420901	MIRKA OY	2022423762	INVENTIO AG
2022420917	T.EN LOADING SYSTEMS	2022423890	INVENTIO AG
2022420925	PROTON INTELLIGENCE INC.	2022423989	ABBOTT LABORATORIES
2022420960	SEWER SENTRY LLC	2022423990	ASSURANT, INC.
2022420972	BREVILLE PTY LIMITED	2022424376	BAYER AKTIENGESELLSCHAFT; BAYER PHARMA AKTIENGESELLSCHAFT
2022420983	ANAXIS PHARMA PTY LTD	2022424389	NICOVENTURES TRADING LIMITED
2022421010	ECHION TECHNOLOGIES LIMITED	2022424470	KOMATSU LTD.
2022421014	NICOVENTURES TRADING LIMITED	2022424478	NIPPON SHINYAKU CO., LTD.
2022421029	Y SOFT CORPORATION, A.S.	2022424685	I-SENS, INC.; ULSAN NATIONAL INSTITUTE OF SCIENCE AND TECHNOLOGY
2022421059	THE RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK	2022424720	BEAUTY BIOSCIENCES LLC
2022421116	MASSEY VENTURES LIMITED	2022425099	NESTE OYJ
2022421212	CORCEPT THERAPEUTICS INCORPORATED	2022425424	GENESYS CLOUD SERVICES, INC.
2022421213	CARGILL, INCORPORATED	2022425484	UNITEC S.P.A.
2022421214	THE JOHNS HOPKINS UNIVERSITY	2022425491	BYONDIS B.V.
2022421559	EBARA CORPORATION	2022425534	REGEL THERAPEUTICS, INC.
2022421641	HEATEN AS	2022425536	BAXTER INTERNATIONAL INC.; BAXTER HEALTHCARE SA
2022421697	WING AVIATION LLC	2022425538	ASSURANT, INC.
2022421825	PROPRIO, INC.	2022425559	ANNEXON, INC.
2022421840	W. L. GORE & ASSOCIATES, INC.; JANSSEN PHARMACEUTICA NV; JANSSEN RESEARCH & DEVELOPMENT, LLC	2022425585	NICOVENTURES TRADING LIMITED
2022421952	ANAXIS PHARMA PTY LTD	2022425633	L-NUTRA INC.
2022421956	BREVILLE PTY LIMITED	2022425671	BUMBLE IP HOLDCO LLC
2022421989	KASEYA US LLC	2022425707	MYNVAX PRIVATE LIMITED
2022422015	ADCENTRX THERAPEUTICS INC.	2022425760	DENSO CORPORATION
2022422024	FREIE UNIVERSITÄT BERLIN	2022426300	KOREA RESEARCH INSTITUTE OF CHEMICAL TECHNOLOGY; UIF (UNIVERSITY INDUSTRY FOUNDATION), YONSEI UNIVERSITY
2022422033	NICOVENTURES TRADING LIMITED	2022426657	NICOVENTURES TRADING LIMITED
2022422034	NICOVENTURES TRADING LIMITED	2022426690	ILLUMINA, INC.
2022422035	NICOVENTURES TRADING LIMITED	2022426745	BUMBLE IP HOLDCO LLC
2022422036	NICOVENTURES TRADING LIMITED	2022426762	BAXTER INTERNATIONAL INC.; BAXTER HEALTHCARE SA; LEUKOCARE AG
2022422071	SAMYANG HOLDINGS CORPORATION	2022426813	ALLFLEX AUSTRALIA PTY. LTD.
2022422104	HEINEKEN SUPPLY CHAIN B.V.	2022426844	PSY THERAPEUTICS, INC.
2022422134	GENERATION BIO CO.	2022426853	PRECISION NEUROSCIENCE CORPORATION
2022422147	SANA BIOTECHNOLOGY, INC.	2022427156	NIHON NOHYAKU CO., LTD.
2022422150	PSIQUANTUM, CORP.	2022427172	DENKA COMPANY LIMITED
2022422170	NICOVENTURES TRADING LIMITED	2022427664	AMOS POWER, INC.
2022422199	KANZLER, W.	2022427702	SIGILON THERAPEUTICS, INC.
2022422208	FASTBRICK IP PTY LTD	2022427727	CORNELL PUMP COMPANY LLC
2022422210	MTHING PTY LTD	2022427770	BAYER AKTIENGESELLSCHAFT; BAYER PHARMA AKTIENGESELLSCHAFT
2022422212	ANAXIS PHARMA PTY LTD	2022427843	NICOVENTURES TRADING LIMITED
2022422220	MEDISCA PHARMACEUTIQUE INC.	2022427938	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI
2022422250	CLEXTRAL	2022428094	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH AN INDIAN REGISTERED BODY INCOR-
2022422257	ALZPROTECT		
2022422284	BAYER AKTIENGESELLSCHAFT		
2022422286	BASF AGRICULTURAL SOLUTIONS SEED US LLC		
2022422295	NICOVENTURES TRADING LIMITED		
2022422302	BÜHLER AG		

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	PORATED UNDER THE REGN. OF SOC. ACT (ACT XXI OF 1860)	2023205234	CALIFORNIA INSTITUTE OF TECHNOLOGY
2022428400	SUNTORY HOLDINGS LIMITED	2023205348	SENNICS CO., LTD.
2022428601	DAIKIN INDUSTRIES, LTD.	2023205378	HORIZON THERAPEUTICS IRELAND DAC
2022428623	BYD COMPANY LIMITED	2023205395	DCM SHRIRAM LIMITED
2022429418	ASFİ SPÓŁKA Z O.O.	2023205643	UAB BIOMATTER DESIGNS; ENGINZYME AB
2022429520	PAYPAL, INC.	2023205744	LINDSAY CORPORATION
2022429622	CREATIVEQUANTUM GMBH	2023205746	COLGATE-PALMOLIVE COMPANY
2022429647	BAYER AKTIENGESELLSCHAFT; BAYER PHARMA AKTIENGESELLSCHAFT	2023205897	APPLIED MEDICAL RESOURCES CORPORATION
	CYTEC INDUSTRIES INC.	2023205932	UKKO INC.
2022429675	ILLUMINA, INC.	2023206609	CONSEJO SUPERIOR DE INVESTIGACIONES CIENTÍFICAS (CSIC); ONECHAIN IMMUNOTHERAPEUTICS SL
2022429829	SUNSHINE LAKE PHARMA CO., LTD.	2023206789	ADB SAFEGATE BV
2022429854	COLGATE-PALMOLIVE COMPANY	2023206842	AERONES ENGINEERING, SIA
2022429951	TOTALENERGIES ONETECH	2023206893	ATOSSA THERAPEUTICS, INC.
2022429972	ALBEMARLE GERMANY GMBH	2023207006	HITACHI CONSTRUCTION MACHINERY CO., LTD.
2022430223	KANAPH THERAPEUTICS INC.	2023207081	NATIONAL DIVERSIFIED SALES, INC.
2022430428	LIGHTWAVE LOGIC, INC.	2023207083	W. L. GORE & ASSOCIATES, INC.
2022430505	QINGDAO HAIER REFRIGERATOR CO., LTD.; HAIER SMART HOME CO., LTD.	2023207117	VERILY LIFE SCIENCES LLC
2022430663	SUNTORY HOLDINGS LIMITED	2023207765	DEUTSCHES KREBSFORSCHUNGSZENTRUM
	COLGATE-PALMOLIVE COMPANY	2023207806	NOVO-TECH GMBH & CO. KG; TAKRAF GMBH
2022431147	KONE CORPORATION	2023207838	GALDERMA HOLDING SA; IPSEN BIOPHARM LIMITED
2022431643	TOPSOE A/S	2023207848	SUVEN LIFE SCIENCES LIMITED
2022432657	AMCOR FLEXIBLES NORTH AMERICA, INC.	2023208017	AURA NETWORK SYSTEMS, INC.
2022432732	OLIMENT@GMBH	2023208045	POSTBIOTICS PLUS RESEARCH LLC
2022432793	BASSOE TECHNOLOGY AB	2023208050	REGENERON PHARMACEUTICALS, INC.
2022433404	AERIE PHARMACEUTICALS, INC.	2023208433	COOPERVISION INTERNATIONAL LIMITED
2022433412	AERONES ENGINEERING SIA	2023208561	OCTET SCIENTIFIC, INC.
2022433635	COWAY CO., LTD.	2023208644	AMGEN INC.
2022433871	IHI CORPORATION	2023208666	IB APPLIANCES US HOLDINGS, LLC
2022434016	ASAKA RIKEN CO., LTD.	2023208907	NOKIA TECHNOLOGIES OY
2022434206	SHENZHEN PROFOUND VIEW PHARMACEUTICAL TECHNOLOGY CO., LTD.	2023208922	ORION CORPORATION
2022434298	S&C ELECTRIC COMPANY	2023209250	SUNTORY HOLDINGS LIMITED
2022434483	SODASTREAM INDUSTRIES LTD.	2023209417	IB APPLIANCES US HOLDINGS, LLC
	LENOVO (SINGAPORE) PTE. LTD	2023209440	NANTCELL, INC.
2022434661	GREE ELECTRIC APPLIANCES, INC. OF ZHUHAI	2023209606	NICOVENTURES TRADING LIMITED
2022434880	SIEMENS GAMESA RENEWABLE ENERGY A/S	2023209790	TERABASE ENERGY, INC.
2022435652	VUSIONGROUP GMBH	2023209892	VERILY LIFE SCIENCES LLC
2022435875	LENOVO (BEIJING) LIMITED	2023210951	BIOCETOGEN PHARMACEUTICALS (BEIJING) CO., LTD.
2022435941	SALCOTECH S.L.	2023211077	F. HOFFMANN-LA ROCHE AG
2022437809	HYDAC FLUIDCARECENTER GMBH	2023211572	COMMUNICATIONS TEST DESIGN, INC.
2022437917	DEERE & COMPANY	2023211797	FRONIUS INTERNATIONAL GMBH
2022438330	DEERE & COMPANY	2023212134	SPRINGROSE, INC.
2022440183	DEERE & COMPANY	2023212745	HUNILIFE BIOTECHNOLOGY, INC.
2022441191	CCTEG BEIJING TIANMA INTELLIGENT CONTROL TECHNOLOGY CO., LTD.; BEIJING CCRI-TIANMA AUTOMATION TECHNOLOGY CO., LTD.	2023212857	BIONTECH SE; THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA
2022441309	NGK INSULATORS, LTD.	2023213044	CASALE SA
2022442047	PWC PRODUCT SALES LLC	2023213121	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
2022442056	ESSITY HYGIENE AND HEALTH AKTIEBOLAG	2023213185	101 THERAPEUTICS LTD.
	ESSITY HYGIENE AND HEALTH AKTIEBOLAG	2023214541	SIKA TECHNOLOGY AG
2022442502	ESSITY HYGIENE AND HEALTH AKTIEBOLAG	2023214562	INNOVASEA MARINE SYSTEMS CANADA INC.
2022443412	BENDITO VALLORI, S.E.	2023214711	TOPSOE A/S
2022443574	ALPHA ESS CO., LTD.	2023215171	AMGEN INC.
2022445688	ALPHA ESS CO., LTD.	2023215265	STRYKER CORPORATION
2022446224	ZTE CORPORATION	2023215827	CRI, HF
2022449269	ALPHA ESS CO., LTD.	2023216394	SIKA TECHNOLOGY AG; EMPA
2022468688	HUNAN SINOBOM INTELLIGENT EQUIPMENT CO., LTD.	2023216691	AMGEN INC.
2022469423	HEINEKEN SUPPLY CHAIN B.V.	2023216728	PANGANG GROUP PANZHILHUA IRON & STEEL RESEARCH INSTITUTE CO., LTD.; PANGANG GROUP PANZHILHUA STEEL & VANADIUM CO., LTD.
2022470627	SWIMC LLC	2023217295	1NHALER LTD
2022473400	MUNTERS CORPORATION	2023218203	YU, H.J.
2022478675	INNOVO THERAPEUTICS INC.	2023218868	CROSSET, L.
	MALTA INC.	2023218897	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.; LUDWIG INSTITUTE FOR CANCER RESEARCH
2023205062	TUSIMPLE, INC.	2023219155	INTERNATIONAL N&H DENMARK APS
2023205112	LIFEMINE THERAPEUTICS, INC.	2023219943	HANWHA CORPORATION
2023205127	IMMUNEERING CORPORATION	2023220275	TETRA LAVAL HOLDINGS & FINANCE S.A.
2023205131	SUN PHARMACEUTICAL INDUSTRIES (AUSTRALIA) PTY LTD	2023220835	HYBRIT DEVELOPMENT AB
2023205154	GOOGLE LLC	2023222087	CSP TECHNOLOGIES, INC.

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2023223285 STRYKER CORPORATION
2023223562 FRIESLANDCAMPINA NEDERLAND B.V.
2023224552 SUNTORY HOLDINGS LIMITED
2023225079 CASALE SA
2023226615 NAYAX LTD.
2023226667 HANWHA CORPORATION
2023227722 SAMSUNG ELECTRONICS CO., LTD.
2023228295 TETRA LAVAL HOLDINGS & FINANCE S.A.
2023232372 ABBISKO THERAPEUTICS CO., LTD.
2023234557 OERLIKON METCO AG, WOHLLEN
2023236555 ABBOTT DIABETES CARE INC.
2023237871 COUNCIL OF SCIENTIFIC AND INDUSTRIAL RE-
SEARCH AN INDIAN REGISTERED BODY INCOR-
PORATED UNDER THE REGN. OF SOC. ACT (ACT
XXI OF 1860)
2023242776 DONYATI, LLC
2023245174 BALTZER, K.
2023247930 BYD COMPANY LIMITED
2023248637 TOPSOE A/S
2023250373 KIMBERLY-CLARK WORLDWIDE, INC.
2023257780 ALCHEMEDICINE, INC.
2023259094 SUNGROW POWER SUPPLY CO., LTD.
2023266722 SHANDONG HENGLU BIOTECH. CO., LTD.
2023276178 COMMONWEALTH SCIENTIFIC AND INDUSTRIAL
RESEARCH ORGANISATION
2023277198 LOGICMARK, INC.
2023292049 STRYKER CORPORATION
2023297929 STRYKER CORPORATION
2023300526 STRYKER CORPORATION
2023301213 STRYKER CORPORATION
2023358133 GITTENS PTY LTD
2023370550 JIANGSU ADVANCED CONSTRUCTION MACHINERY
INNOVATION CENTER LTD.
2023374723 OLEON NV
2023375285 MERISTEM CROP PERFORMANCE GROUP, LLC
2023379423 VERSUNI HOLDING B.V.
2023384477 WUXI VISION PRO LTD.
2024203693 SHANGHAI DIMAIHE BIOTECHNOLOGY CO., LTD.

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2023207083	2022422284 2022422771	2022414072 2022413699	2022414072 2022419507	<u>A61M 11 /-</u>	2022410694 2022422888
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2022403106	2022424376 2022424478	2022420583 2022429854	2022421840 2022425534	<u>A61M 13 /-</u>	<u>A61P 15 /-</u>
2023215265	20224245633 2022426300	2022430428 2023207838	2023209892	2022416988	2022391767 2022424478
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2023292049	2022429647 2023204968	<u>A61K 39 /-</u>	2022402359 2022419564	2022416913 2023217295	2022399786 2022424478
2023297929	2023204968 2023205131	2021474103 2022386508	<u>A61K 8 /-</u>	<u>A61M 16 /-</u>	2024203693
2023300526	2023205378 2023207765	2022389555 2022389646	2022392468 2022429951	2022416988	<u>A61P 19 /-</u>
2023301213	2023207848 2023208050	2022394582 2022404358	2022431643 2023207838		2022390374 2022391767
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2022403106	2023209892 2023211077	2022408865 2022410694	2022390208 2022392468	2022407441 2022413129	2022420983 2022422212
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2022422220	<u>A61K 33 /-</u>	2022422563 2022425559	2022420727 2022421840	<u>A61N 5 /-</u>	
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2022416988		2023210951 2023212745	2022422475 2022424376	<u>A61N 7 /-</u>	<u>A61P 25 /-</u>
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2022389457					
2022389646					
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2022412471			<u>B01F 21/-</u>		
2022417485	2021474103			2022416913	2023220275
2022420723	2022386508		2022399044	2022420756	
2022420983	2022389457	2022399786			<u>B32B 13/-</u>
2022421212	2022389555	2022417076	<u>B01F 23/-</u>	<u>B05B 11/-</u>	2023216394
2022422024	2022389646	2023257780		2022416913	
2022422212	2022391938		2022399044		<u>B60C 11/-</u>
2022422257	2022392831	<u>A61P 9/-</u>	2023213044	<u>B05B 3/-</u>	2022438330
2022422284	2022393328	2022392348		2022420756	
2022424478	2022394582	2022394582	<u>B01F 25/-</u>		<u>B60H 1/-</u>
2022434483	2022397653	2022399786	2023213044		
2023207848	2022399786	2022401548		<u>B05D 7/-</u>	2022409865
2023211077	2022402359	2022416644	<u>B01J 19/-</u>	2023216394	
2023257780	2022405694	2022420983			<u>B60L 50/-</u>
	2022408126	2022422212	2022422199	<u>B07C 5/-</u>	2022424470
<u>A61P 27/-</u>	2022408865	2022424478		2022425484	
	2022409848	2023257780	<u>B01J 20/-</u>		<u>B60L 58/-</u>
	2022410140				
2022394125	2022411618		2022405381		
2022406897	2022416639	<u>A61Q 11/-</u>	2022413641	<u>B09B 101/-</u>	
2022430428	2022417485		2022415784		2023247930
2022434483	2022417501	2022429951	2022419914	2022332698	
2023257780	2022418199	2022431643	2023205234	2022390824	<u>B60Q 1/-</u>
	2022419233	<u>A61Q 17/-</u>			
	2022419564		<u>B01J 23/-</u>	<u>B09B 3/-</u>	2023205112
2022390374	2022419816	2022392468		2022332698	<u>B60R 3/-</u>
2022392348	2022420983		2022423043	2022390824	
2022399786	2022421212	<u>A61Q 19/-</u>			2021473799
2022413551	2022421214		<u>B01J 37/-</u>		
2022420983	2022421952	2023207838		<u>B23K 26/-</u>	<u>B60T 17/-</u>
2022422212	2022422212		2022423043	2023234557	
2022424478	2022422771	<u>A63B 53/-</u>			<u>B60U 20/-</u>
2023211077	2022424478		<u>B01J 39/-</u>	<u>B24C 1/-</u>	
2023257780	2022425491	2022423544		2022398051	<u>B60W 20/-</u>
	2022426300	<u>A63B 60/-</u>	<u>B01J 4/-</u>		
<u>A61P 3/-</u>	2023205643			<u>B24C 7/-</u>	2023370550
	2023207765	2022423544	2022434206	2022398051	<u>B61B 1/-</u>
2022305262	2023208045				
2022392980	2023210951	<u>B01D 11/-</u>	<u>B01L 3/-</u>	<u>B25J 9/-</u>	2023245174
2022399786	2023211077				<u>B61H 13/-</u>
2022401780	2023212745	2023205154	2022415517	2022421029	
2022401795	2023215171		2022416994		2022402411
2022408218	2023216691	<u>B01D 15/-</u>		<u>B27N 7/-</u>	<u>B62B 1/-</u>
2022408967	2023218897		<u>B02B 1/-</u>		
2022415476	2023232372	2022413641		2023216394	2023358133
2022429854	2023257780	2022428623	2022391595		
2022434483				<u>B28B 1/-</u>	<u>B62B 5/-</u>
2023257780	<u>A61P 37/-</u>	<u>B01D 25/-</u>	<u>B02C 4/-</u>	2023216394	
		2022440183			2023358133
<u>A61P 31/-</u>	2022399786		2023207806	<u>B28B 11/-</u>	<u>B62D 55/-</u>
	2022420983	<u>B01D 29/-</u>		2023216394	
2022390374	2022422147		<u>B03B 5/-</u>		2022427664
2022399786	2022422212	2022440183		<u>B28B 19/-</u>	<u>B62K 11/-</u>
2022410694	2022424478		2022332698		
2022410715	2022425491	<u>B01D 3/-</u>		<u>B28B 3/-</u>	2022403106
2022413258	2023213121		<u>B03B 9/-</u>	2023216394	
2022419971	2023232372	2022420708			<u>B63B 1/-</u>
2022420617		2023215827	<u>B03D 1/-</u>	<u>B29B 17/-</u>	2022429972
2022420983	<u>A61P 39/-</u>				2022433412
2022422147		<u>B01D 33/-</u>	<u>B03D 101/-</u>	2022401146	
2022422212	2022394582				<u>B63B 21/-</u>
2022424478		2022428623	2022332698	<u>B29C 41/-</u>	
2022425491	<u>A61P 43/-</u>		2022408359		
2022425707		<u>B01D 53/-</u>		2022417295	<u>B63B 34/-</u>
2023208045	2022420983		<u>B03D 103/-</u>		
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2023213185	2022424478	2022433404	2022408359		
	2023257780	2022442502			<u>B63B 34/-</u>
<u>A61P 33/-</u>		2023205234	2022408359		
	<u>A61P 5/-</u>	2023213044			2023358133
2022393952		2023225079	2022408359		
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B64C 39 /-	B65F 1 /-	C01B 25 /-	C04B 18 /-	C07C 213 /-	C07C 35 /-
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2021346947	2022418397 2022422104	2022405381 2022415525 2022415784 2022419914 2022420733 2022421059 2022434880	2022420284	2022422888	2022424478
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2022397901 2023228295	2022420917	2022415525	2023205154	2022420284 2022429622 2022432732 2023215827 2023248637	2022408218 2022427156
B65D 5 /-	B82Y 10 /-	C02F 103 /-	C07C 1 /-	C07C 305 /-	C07D 249 /-
2023228295	2022401146 2022422150	2022415525	2022420284	2022420284	2022390374
B65D 51 /-			C07C 15 /-	C07C 307 /-	C07D 257 /-
2023228295			2022420284	2022390374	2022390374 2022419564

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<u>C07D 263 /-</u>	<u>C07D 413 /-</u>	<u>C07D 519 /-</u>	2022389646 2022394582 2022404358 2022405126 2022408865 2022409611 2022415459 2022416639 2022417501 2022419233 2022420605 2022425559 2022430428 2023209440 2023210951 2023212745	<u>C08L 5 /-</u>	<u>C11B 3 /-</u>
2022390374	2022427156 2023205378 2023211077	2022421952 2022425491 2023215171 2023216691		2022427702	2022413641 2022417484 2022417486 2022417487 2022419565 2022421213
<u>C07D 265 /-</u>				<u>C08L 7 /-</u>	
2022390374	<u>C07D 417 /-</u>	<u>C07F 1 /-</u>		2023205348	
<u>C07D 277 /-</u>	2022395102 2022420983 2022424478 2022427156 2023205378	2022434483		<u>C08L 83 /-</u>	<u>C11C 1 /-</u>
2022418199				2022394276	2022413641
<u>C07D 295 /-</u>		<u>C07F 5 /-</u>		<u>C08L 9 /-</u>	<u>C11D 1 /-</u>
2022390374 2022415778 2022433635	<u>C07D 471 /-</u>	2022390374		2022417295	2022407270
	2022392348 2022421952 2022422212 2023205378 2023207848 2023211077	<u>C07F 9 /-</u>		<u>C09D 133 /-</u>	<u>C11D 3 /-</u>
<u>C07D 307 /-</u>		2022422771 2023205154	<u>C07K 19 /-</u>	2022422307 2023204791	2022407270
2022390374 2022415778		<u>C07H 1 /-</u>	2022401897 2022429854	<u>C09D 167 /-</u>	<u>C12C 11 /-</u>
<u>C07D 309 /-</u>	<u>C07D 475 /-</u>	2023266722	<u>C07K 5 /-</u>	2023204791	2022404900 2022406290 2023204470
2022422888	2022425491	<u>C07H 13 /-</u>	2022422015	<u>C09D 4 /-</u>	<u>C12C 12 /-</u>
<u>C07D 401 /-</u>	<u>C07D 487 /-</u>	2023266722	<u>C07K 7 /-</u>	2023204791	2022404900 2022406290 2023204470
2022407330 2022408218 2022418199 2022420983 2022421212 2022424478 2022427156 2023204968 2023205378 2023211077 2023232372	2022392348 2022416644 2022421952 2022422888 2022426300 2023204968 2023207765 2023207848 2023211077	<u>C07H 15 /-</u>	2022393952 2022410422 2022422015	<u>C09D 7 /-</u>	<u>C12G 1 /-</u>
<u>C07D 403 /-</u>	<u>C07D 489 /-</u>	<u>C07H 19 /-</u>	<u>C08B 37 /-</u>	2023204791	2022431147
2022407330 2022417485 2022421212 2022424478 2022425491 2022427156 2023204968 2023205378 2023211077	2023205154	2022392831 2023205643	2022427702	<u>C09J 11 /-</u>	<u>C12G 3 /-</u>
<u>C07D 405 /-</u>	<u>C07D 491 /-</u>	<u>C07H 21 /-</u>	<u>C08C 19 /-</u>	2022394276	2022428400 2022431147
2022401795 2022413258 2022415778 2022424478 2023204968	20223205154	2022422134	2022417295	<u>C09J 183 /-</u>	
		<u>C07J 7 /-</u>	<u>C08F 2 /-</u>	2022394276	<u>C12J 1 /-</u>
<u>C07D 407 /-</u>	<u>C07D 493 /-</u>	2023213185	2022422307	<u>C09K 15 /-</u>	2021475858
2022427156 2023205378	2023205378 2023208050	<u>C07K 14 /-</u>	<u>C08F 210 /-</u>	2023205348	<u>C12M 1 /-</u>
		2022392980 2022394125 2022399232 2022401548 2022401780 2022401897 2022405126 2022408126 2022414072 2022416639 2022417496 2022417596 2022419507 2022420487 2022422147 2022422533 2022425707 2022430428 2023205395 2023205932 2023206609 2023276178	2022416559	<u>C09K 5 /-</u>	2022413155 2022422423
<u>C07D 409 /-</u>	<u>C07D 495 /-</u>	<u>C07K 15 /-</u>	<u>C08F 220 /-</u>	2023374723	<u>C12N 1 /-</u>
2022422888 2022425491 2022427156 2023205378	2022401795 2022415778 2022424478 2023205378	2022401780 2022401897 2022405126 2022408126 2022414072 2022416639 2022417496 2022417596 2022419507 2022420487 2022422147 2022422533 2022425707 2022430428 2023205395 2023205932 2023206609 2023276178	2022422307	<u>C10B 53 /-</u>	2022395936 2022401897 2022422766 2023219155
	<u>C07D 497 /-</u>	<u>C07K 16 /-</u>	<u>C08J 11 /-</u>	2022422199 2022432732	<u>C12N 15 /-</u>
	2023205378 2023208050	2021479973 2022388887	2022417295	<u>C10G 1 /-</u>	2022390902 2022394125 2022395936 2022399232 2022401548 2022401897 2022403003 2022405510 2022405520 2022408865 2022413670 2022414072 2022416947 2022417496
	<u>C07D 499 /-</u>		<u>C08J 5 /-</u>	2022432732	
	2022399786 2022421952 2023205378 2023211077		2022417295	<u>C10G 2 /-</u>	
			<u>C08J 7 /-</u>	2022423043 2023215827	
	<u>C07D 503 /-</u>		<u>C08K 5 /-</u>	<u>C10G 3 /-</u>	
	2023205378		2022424685	2022432732	
			<u>C08L 17 /-</u>	<u>C10G 65 /-</u>	
	2022399786 2023205378 2023207848		2022416559	2022432732	
	<u>C07D 513 /-</u>		<u>C08L 23 /-</u>	<u>C10M 117 /-</u>	
	2022422888 2022425491 2022427156 2023205378		2022417295	2022411674	

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2022417519		<u>C30B 25 /-</u>	<u>E04H 15 /-</u>	<u>F02M 37 /-</u>	
2022417596	<u>C21B 7 /-</u>				<u>F15D 1 /-</u>
2022419507		2022401146	2022420624	2022427938	
2022420487	2023220835				2022397288
2022420615		<u>C30B 29 /-</u>	<u>E21B 33 /-</u>	<u>F03D 13 /-</u>	
2022420620	<u>C21C 7 /-</u>				<u>F16D 127 /-</u>
2022421840		2022401146	2021479239	2022399967	
2022422024	2022389604			2022429972	2022402411
2022422134		<u>D21H 17 /-</u>	<u>E21B 47 /-</u>		
2022422563	<u>C21D 1 /-</u>			<u>F03D 17 /-</u>	<u>F16D 65 /-</u>
2022422610		2022420733	2021479239		
2022422864	2023216728			2023206842	2023234557
2022425534		<u>E01C 11 /-</u>	<u>E21B 7 /-</u>		
2022425707	<u>C21D 8 /-</u>			<u>F03D 80 /-</u>	<u>F16M 11 /-</u>
2022430428		2022399904	2021479239	2022433871	2022413144
2023205395	2022389604	2023207081		2022435941	
2023276178	<u>C22B 1 /-</u>	<u>E01F 1 /-</u>	<u>E21C 35 /-</u>	2023206842	<u>F16M 13 /-</u>
<u>C12N 5 /-</u>	2022408359	2023245174	2022390822		2022410697
				<u>F03D 9 /-</u>	2022413144
2022399232	<u>C22B 15 /-</u>	<u>E02D 1 /-</u>	<u>E21C 39 /-</u>	2022435941	
2022405606					<u>F17C 13 /-</u>
2022407019	2022408359	2021477864	2022390822	<u>F03G 7 /-</u>	
2022413699					2022421559
2022414072	<u>C22B 26 /-</u>	<u>E02D 29 /-</u>	<u>E21F 17 /-</u>	2022397288	
2022416994					<u>F21S 41 /-</u>
2022417017	2022397301	2022394780	2022407340	<u>F04B 17 /-</u>	
2022417496	2022428623	2022420960			2023205112
2022420487	2022434298		<u>F01D 1 /-</u>	2022427727	
2022422610	<u>C22B 3 /-</u>	<u>E02F 9 /-</u>			<u>F22D 1 /-</u>
2022425534			2022449269	<u>F04B 35 /-</u>	
2023206609	2022397301	2023207006	<u>F01K 13 /-</u>		2023215827
	2022434298	<u>E03F 3 /-</u>		2022427727	
<u>C12N 9 /-</u>	2023225079		2023205062	<u>F04B 39 /-</u>	<u>F23C 10 /-</u>
		2023207081	<u>F01K 25 /-</u>		2022434206
2022390902	<u>C22B 7 /-</u>	<u>E03F 5 /-</u>		2022421641	
2022403003			2023205062	2022429418	<u>F23C 3 /-</u>
2022405520	2022332698	2022420960	<u>F01K 3 /-</u>	2022434016	
2022413670		2023207081			2022397288
2022415476	<u>C22C 33 /-</u>		2022413246	<u>F04B 49 /-</u>	<u>F23C 7 /-</u>
2022417496		<u>E04B 1 /-</u>	2023205062		
2022420615	2022389604		<u>F02B 31 /-</u>	2022434016	2022397288
2023205643	<u>C22C 38 /-</u>	2021479762		<u>F04B 53 /-</u>	
2023276178		2023216394	2022397288		<u>F23C 9 /-</u>
<u>C12P 17 /-</u>	2022389604	<u>E04B 2 /-</u>		2022427727	2022397288
			<u>F02B 37 /-</u>	<u>F04C 18 /-</u>	
2022395936	<u>C25B 1 /-</u>	2021479762			<u>F23D 1 /-</u>
		2022422208	2022397288	2022429418	2022397288
<u>C12P 19 /-</u>	2022413862	<u>E04C 1 /-</u>	<u>F02C 1 /-</u>	<u>F04C 29 /-</u>	
	2022417832				2022397288
2023205643	2022425760	2022422208	2022397288	2022429418	<u>F23G 5 /-</u>
2023223562	2022434298		2022413246		2022434206
<u>C12P 21 /-</u>	2023237871	<u>E04C 2 /-</u>	<u>F02D 19 /-</u>	<u>F04D 27 /-</u>	
					<u>F24F 11 /-</u>
2022427172	<u>C25B 11 /-</u>	2021479762	2022427938	2022408269	2022408269
<u>C12Q 1 /-</u>		<u>E04C 3 /-</u>		<u>F04F 5 /-</u>	2022414435
	2022417832		<u>F02M 21 /-</u>		2022435875
2022393328	<u>C25B 15 /-</u>	2022402422		2022397288	
2022416435		2022403671	2022427938		<u>F24F 110 /-</u>
2022417519	2022413862	<u>E04C 5 /-</u>	<u>F02M 26 /-</u>	<u>F15B 11 /-</u>	
2022422286	2022417832				2022414435
2022422340	2023237871	2021479762	2022397288	2022478675	<u>F24F 120 /-</u>
2022422888	<u>C25B 9 /-</u>				
		<u>E04H 12 /-</u>	<u>F02M 35 /-</u>	<u>F15B 13 /-</u>	2022414435
<u>C12R 1 /-</u>	2022417832		2022397288		
	2022425760	2022399967		2022478675	<u>F24F 7 /-</u>
2022422766	<u>C30B 23 /-</u>		2022397288	<u>F15B 19 /-</u>	
					2022408269
<u>C21B 13 /-</u>	2022401146			2022478675	2022414435
2023220835					

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2022428601	<u>F28D 5 /-</u>	<u>G01N 29 /-</u>		<u>G06F 30 /-</u>	<u>G06T 7 /-</u>
<u>F24H 7 /-</u>	2022409865	2022405527	<u>G01S 7 /-</u>	2022391675	2022389067
2022429418	<u>F28D 9 /-</u>	<u>G01N 3 /-</u>	2022419404		2022421825
<u>F24S 25 /-</u>	2022428601	2021477864	<u>G01V 8 /-</u>	<u>G06F 40 /-</u>	2023214562
2023209790	<u>F28F 25 /-</u>	<u>G01N 33 /-</u>	2022390822	2022425424	<u>G06T 9 /-</u>
<u>F24S 60 /-</u>	2022409865	2021474103	<u>G02B 6 /-</u>	<u>G06F 9 /-</u>	2023227722
2022434206	<u>F28F 3 /-</u>	2021477864	2022399459	2022391675	<u>G06V 10 /-</u>
<u>F25B 1 /-</u>	2022428601	2021479973	2022406285	2022419939	2022395753
2022415018	<u>F42C 19 /-</u>	2022389457	<u>G02C 7 /-</u>	<u>G06K 7 /-</u>	<u>G06V 20 /-</u>
<u>F25B 25 /-</u>	2023219943	2022395721	2023208433	2022417291	<u>G06V 40 /-</u>
2023204812	<u>F42D 1 /-</u>	2022400681	<u>G02F 1 /-</u>	2022420917	2023214562
<u>F25B 31 /-</u>	2023226667	2022408967	2022430505	2022426813	<u>G06V 40 /-</u>
2022415018	<u>G01B 11 /-</u>	2022410140	<u>G05B 1 /-</u>	2023297929	2022426813
2022421641	2021477864	2022416435	2023211572	2023300526	<u>G08B 21 /-</u>
<u>F25B 40 /-</u>	2022395721	2022422888	<u>G05B 19 /-</u>	2023301213	2023215265
2022415018	<u>G01B 21 /-</u>	2022423989	2022392703	<u>G06N 10 /-</u>	<u>G08G 5 /-</u>
<u>F25B 41 /-</u>	2021477864	2022425559	<u>G05B 23 /-</u>	2022390685	2023208017
2022409865	2022395721	2023208644	2023211572	2022399276	<u>G09B 23 /-</u>
<u>F25B 6 /-</u>	<u>G01B 9 /-</u>	<u>G01N 9 /-</u>	<u>G05D 1 /-</u>	2022401146	2023205897
2022415018	2022406285	2021477864	2022395753	2022422150	<u>G09F 3 /-</u>
<u>F25C 5 /-</u>	<u>G01C 9 /-</u>	<u>G01Q 60 /-</u>	<u>G05D 23 /-</u>	<u>G06N 3 /-</u>	<u>G10L 19 /-</u>
2022398051	2023205744	2022401146	2023211572	2022414179	2022437809
<u>F25D 17 /-</u>	<u>G01D 4 /-</u>	<u>G01R 1 /-</u>	<u>G05D 23 /-</u>	2022423990	<u>G09F 3 /-</u>
2022430663	2022410528	2022422576	2022422876	2023227722	<u>G09F 3 /-</u>
<u>F25D 23 /-</u>	<u>G01H 9 /-</u>	<u>G01R 19 /-</u>	<u>G06F 1 /-</u>	<u>G06N 5 /-</u>	2022437809
2022430663	2022405527	2022422576	2022410026	2022391675	<u>G10L 19 /-</u>
<u>F25J 1 /-</u>	<u>G01J 3 /-</u>	<u>G01R 22 /-</u>	2022410697	<u>G06Q 10 /-</u>	2021479158
2022418195	2022390822	2022422576	2022423291	2022414179	2022418124
<u>F26B 17 /-</u>	<u>G01N 1 /-</u>	<u>G01R 31 /-</u>	<u>G06F 11 /-</u>	2022422220	<u>G16B 10 /-</u>
2023218868	2022416994	2023206842	2022403178	2022425671	2023205127
<u>F26B 21 /-</u>	<u>G01N 15 /-</u>	<u>G01R 33 /-</u>	2023226615	<u>G06Q 20 /-</u>	<u>G16B 15 /-</u>
2023218868	2022415517	2022419404	2022421989	2022403178	<u>G16B 15 /-</u>
<u>F28C 1 /-</u>	<u>G01N 21 /-</u>	<u>G01S 1 /-</u>	2022423990	2023226615	2022429829
2022409865	2022405527	2022419404	<u>G06F 16 /-</u>	<u>G06Q 30 /-</u>	<u>G16B 20 /-</u>
<u>F28D 19 /-</u>	2022425484	2022419404	2022429520	2022425424	2022409746
2022434206	<u>G01N 23 /-</u>	<u>G01S 17 /-</u>	2023242776	2022426745	2022419939
<u>F28D 20 /-</u>	2022390822	2022422210	<u>G06F 17 /-</u>	2022429520	2022426690
2022434206	2022390822	2023214562	2022399276	<u>G06Q 50 /-</u>	2022429829
2022434206	<u>G01N 27 /-</u>	<u>G01S 13 /-</u>	2022414179	2022407340	2023205127
	2022420925	2022419404	2023242776	2022422220	<u>G16B 25 /-</u>
		2022419404	<u>G06F 18 /-</u>	2022425671	2022409746
		2022419404	2022429520	2022426745	2022429829
		2022419404	2023242776	2022426813	2022429829
		2022419404	<u>G06F 21 /-</u>	2023205744	<u>G16B 30 /-</u>
		2022442056	2023205127	<u>G06T 11 /-</u>	2022426690
		<u>G01S 19 /-</u>	2021479523	2022425538	2022429829
		2022422210	2022403178	<u>G06T 3 /-</u>	2023205127
		2022441191	2022414179		2022429829
		2022441309			2023205127
		2022442047			

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<u>G16B 5 /-</u>	<u>H01M 10 /-</u>	<u>H02S 30 /-</u>	<u>H04L 67 /-</u>	<u>H04W 72 /-</u>
2022429829 2023205127	2023208561	2023209790	2022395018 2022410528 2022419939 2022422210	2022416255
<u>G16B 50 /-</u>	<u>H01M 12 /-</u>	<u>H02S 50 /-</u>		<u>H04W 76 /-</u>
2022419939 2023205127	2023208561	2023211797		2023205209
<u>G16H 10 /-</u>	<u>H01M 4 /-</u>	<u>H03K 19 /-</u>	<u>H04L 9 /-</u>	<u>H05B 1 /-</u>
2022421010 2022428094 2023277198	2022421010 2022428094 2023208561	2022473400	2022395018 2022403178 2022410528	2022422876
<u>G16H 15 /-</u>	<u>H01M 50 /-</u>	<u>H03K 3 /-</u>	<u>H04M 1 /-</u>	<u>H05B 6 /-</u>
2023277198	2022417035	2022417035	2022423291	2022420657 2022422295 2022422428
<u>G16H 20 /-</u>	<u>H01M 8 /-</u>	<u>H04B 1 /-</u>	<u>H04M 3 /-</u>	<u>H05C 1 /-</u>
2022426690	2022410026 2022441191 2022442047	2022410026 2022441191 2022442047	2022419381 2022425424	2022417035
<u>G16H 40 /-</u>	<u>H01Q 1 /-</u>	<u>H04B 10 /-</u>	<u>H04M 7 /-</u>	<u>H05K 5 /-</u>
2023215265 2023223285 2023297929 2023300526 2023301213	2022417291	2022406285 2022422150 2023297929 2023300526 2023301213	2022419381	2022410026 2022410697
<u>G16H 50 /-</u>	<u>H02H 3 /-</u>	<u>H04B 5 /-</u>	<u>H04N 19 /-</u>	<u>H05K 7 /-</u>
2022417575 2023277198	2023206789	2022410026	2023227722	2023204812
<u>H01B 17 /-</u>	<u>H02H 7 /-</u>	<u>H04B 7 /-</u>	<u>H04N 5 /-</u>	<u>H10N 52 /-</u>
2022434661	2022435875 2022473400	2022410026	2022413144	2022434880
<u>H01F 27 /-</u>	<u>H02H 9 /-</u>	<u>H04B 7 /-</u>	<u>H04Q 3 /-</u>	
2022410026	2023206789	2023208017 2023297929 2023300526 2023301213	2022419381	
<u>H01H 11 /-</u>	<u>H02J 3 /-</u>	<u>H04L 12 /-</u>	<u>H04Q 9 /-</u>	
2022417901	2022402919	2022410528	2022410528	
<u>H01H 13 /-</u>	<u>H02J 50 /-</u>	<u>H04L 25 /-</u>	<u>H04W 24 /-</u>	
2022417901 2022419083 2022423488 2022434661	2022410026 2022410697	2022417291	2022423990 2022425538 2022470627 2023208907	
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2022417901 2022423488	2022402919 2022410697 2022468688 2022469423 2022473400	2022423990	2023205209	
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2022434661	2021479523 2023292049	2021479523 2023292049	2022410528 2022422210 2022426813 2022437917 2022443412 2023297929 2023300526 2023301213	
<u>H01J 37 /-</u>	<u>H02M 3 /-</u>	<u>H04L 45 /-</u>	<u>H04W 48 /-</u>	
2022402277	2022399746	2022468688		
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2022401146	2022399746	2022395018	2022423990 2022435652	
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F02D 19/06 (2006.01)
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 NIEUWENHUYSE, Kenneth Gerard;
 DE BOCK, Sven André Christiane
 (74) Davies Collison Cave Pty Ltd
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- (71) Denta Engineering B.V.
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 (21) 2023202585 (22) 28.04.2023
 (54) A building element, a method for the
 manufacture thereof, a profile and a
 combination of a profile and a panel
 (51) Int. Cl.

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E04C 2/26 (2006.01)
B32B 3/12 (2006.01)
E04B 1/14 (2006.01)
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(74) A.P.T. Patent and Trade Mark Attorneys

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(51) Int. Cl.
A61F 2/30 (2006.01)
A61F 2/38 (2006.01)
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(51) Int. Cl.
F42D 1/04 (2006.01)
F42C 15/36 (2006.01)
F42C 15/40 (2006.01)
F42D 1/045 (2006.01)
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(74) Madderns Pty Ltd

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(21) 2021262878 **(22)** 02.02.2021
(54) A safety arrangement for a wireless blasting system
(51) Int. Cl.
F42D 1/055 (2006.01)
F42C 15/42 (2006.01)
F42D 1/045 (2006.01)
F42D 5/00 (2006.01)
F42D 5/02 (2006.01)
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(54) SYSTEMS AND METHODS FOR TRACKING ITEMS
(51) Int. Cl.
G06T 7/70 (2017.01)
(31) 63/310,762 **(32)** 16.02.22 **(33)** US
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(54) A garment
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A41D 7/00 (2006.01)
A41B 9/00 (2006.01)
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(54) Packet loss concealment
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G10L 19/005 (2013.01)
G10L 19/008 (2013.01)
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(11) AU-B-2023202400
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(51) Int. Cl.
H04S 7/00 (2006.01)
(43) 11.05.2023
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(54) System and method for early identification and monitoring of defects in transportation infrastructure
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G01N 21/88 (2006.01)
G06T 7/00 (2017.01)
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A61B 8/00 (2006.01)
A61B 17/34 (2006.01)
A61B 18/14 (2006.01)
A61M 25/00 (2006.01)
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62/592,061 29.11.17 US
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(54) Solidifying liquid amine oxide, betaine, and/or sultaine surfactants with a carrier
(51) Int. Cl.
C11D 1/75 (2006.01)
C11D 1/83 (2006.01)
C11D 1/90 (2006.01)
C11D 1/92 (2006.01)
C11D 1/94 (2006.01)
C11D 3/04 (2006.01)
C11D 3/10 (2006.01)
C11D 3/20 (2006.01)
C11D 11/00 (2006.01)
C11D 1/14 (2006.01)
C11D 1/22 (2006.01)
C11D 1/29 (2006.01)

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(51) Int. Cl.
A61M 5/31 (2006.01)
A61F 2/24 (2006.01)

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(54) DUAL AMYLIN AND CALCITONIN RECEPTOR AGONISTS AND USES THEREOF
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A61P 3/10 (2006.01)
A61K 47/54 (2017.01)
C07K 14/585 (2006.01)
A61K 38/00 (2006.01)
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(54) Modular thermal energy storage system, improved method of operation of such systems and use of the thermal energy storage system
(51) Int. Cl.
F28D 20/00 (2006.01)
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(51) Int. Cl.
A61B 17/70 (2006.01)
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(51) Int. Cl.
E02F 3/34 (2006.01)
(87) WO2019/088895
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(43) 09.05.2019
(44) 04.07.2024
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(74) WRAYS PTY LTD

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(11) AU-B-2024203796
(21) 2024203796 **(22)** 05.06.2024
(54) CONFIRMING AUTHENTICITY OF A USER TO A THIRD-PARTY SYSTEM
(51) Int. Cl.
H04L 9/32 (2006.01)
H04L 9/40 (2022.01)
(43) 20.06.2024
(44) 04.07.2024
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(74) RnB IP Pty Ltd

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(54) Tiles having built-in wireless power transfer transmitter and receiver devices
(51) Int. Cl.
H02J 50/12 (2016.01)
H02J 50/20 (2016.01)
H02J 50/27 (2016.01)
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(51) Int. Cl.
A61L 27/44 (2006.01)
A61L 27/52 (2006.01)
C08L 71/02 (2006.01)
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A61K 31/4184 (2006.01)
A61K 9/00 (2006.01)
A61P 35/00 (2006.01)
A61P 35/02 (2006.01)
A61P 35/04 (2006.01)
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(21) 2021341510 **(22)** 12.09.2021
(54) Pyrazolo(3,4-b)pyridine-4-carboxamide nitrification inhibitor
(51) Int. Cl.
C05G 3/90 (2020.01)
C07D 471/04 (2006.01)
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(74) Alder IP Pty Ltd

(71) Evonetix Ltd
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(21) 2018343116 **(22)** 27.09.2018
(54) Error detection during hybridisation of target double-stranded nucleic acid
(51) Int. Cl.
C12Q 1/6834 (2018.01)
C12N 15/10 (2006.01)
(87) WO2019/064006
(31) 1715852.8 **(32)** 29.09.17 **(33)** GB
 1721441.2 20.12.17 GB
(43) 04.04.2019
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(74) Pipers Intellectual Property

(71) Evoqua Water Technologies LLC
(11) AU-B-2019236171
(21) 2019236171 **(22)** 12.03.2019
(54) Dissolved air flotation system and methods for biological nutrient removal
(51) Int. Cl.
C02F 1/24 (2006.01)
C02F 1/52 (2006.01)
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(31) 62/641,721 **(32)** 12.03.18 **(33)** US
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 (21) 2019212801 (22) 25.01.2019
 (54) Compounds for the treatment of kinase-dependent disorders
 (51) Int. Cl.
A61K 31/47 (2006.01)
A61K 31/4709 (2006.01)
A61P 35/00 (2006.01)
C07D 215/22 (2006.01)
C07D 401/04 (2006.01)
C07D 401/06 (2006.01)
C07D 401/12 (2006.01)
C07D 405/04 (2006.01)
C07D 405/12 (2006.01)
C07D 413/04 (2006.01)
C07D 413/12 (2006.01)
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(71) Exo Imaging, Inc.
 (11) AU-B-2019231118
 (21) 2019231118 (22) 01.03.2019
 (54) Thumb-dominant ultrasound imaging system
 (51) Int. Cl.
A61B 8/00 (2006.01)
A61B 8/08 (2006.01)
H04M 1/725 (2006.01)
 (87) WO2019/173152
 (31) 62/638,471 (32) 05.03.18 (33) US
 (43) 12.09.2019
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 (74) FB Rice Pty Ltd

(71) F. HOFFMANN-LA ROCHE AG
 (11) AU-B-2019284820
 (21) 2019284820 (22) 05.06.2019
 (54) Method for evaluating a suitability of lighting conditions for detecting an analyte in a sample using a camera of a mobile device
 (51) Int. Cl.
G01N 21/84 (2006.01)
 (87) WO2019/238501
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 (54) PROCESS FOR PREPARING RISDILAM
 (51) Int. Cl.
C07D 519/00 (2006.01)
C07D 487/04 (2006.01)
 (87) WO2022/194909
 (31) 21163301.1 (32) 18.03.21 (33) EP
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B60T 15/02 (2006.01)
 (87) WO2019/115925
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 (21) 2022203145 (22) 11.05.2022
 (54) Rapid-entry footwear having a heel arm and a resilient member
 (51) Int. Cl.
A43B 11/00 (2006.01)
A43B 3/12 (2006.01)
A43B 21/24 (2006.01)
A43B 23/08 (2006.01)
A43C 11/00 (2006.01)
 (43) 02.06.2022
 (44) 04.07.2024
 (62) 2020229346
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 (74) Adams Pluck

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 (11) AU-B-2019286812
 (21) 2019286812 (22) 11.06.2019
 (54) System and method for destressing braces by incorporation of, or substitution by, improved filler material
 (51) Int. Cl.
E01D 22/00 (2006.01)
E01D 11/04 (2006.01)
 (87) WO2019/238996
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 (43) 19.12.2019
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 (74) Wallington-Dummer

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 (54) Dolly

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E21D 20/00 (2006.01)
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 (21) 2024203796

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 (54) Respiratory mask system
 (51) Int. Cl.
A61M 16/06 (2006.01)
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 (43) 28.02.2019
 (44) 04.07.2024
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 (11) AU-B-2022201743
 (21) 2022201743 (22) 14.03.2022
 (54) Humidification system
 (51) Int. Cl.
A61M 16/16 (2006.01)
A61M 16/08 (2006.01)
 (43) 07.04.2022
 (44) 04.07.2024
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 (11) AU-B-2022202559
 (21) 2022202559 (22) 19.04.2022
 (54) BREATHING ASSISTANCE APPARATUS WITH SERVICEABILITY FEATURES
 (51) Int. Cl.
A61M 16/16 (2006.01)
 (43) 12.05.2022
 (44) 04.07.2024
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 (21) 2022203147 (22) 11.05.2022
 (54) Intra-mould substrate
 (51) Int. Cl.
A61M 16/06 (2006.01)
A42B 3/08 (2006.01)
A62B 18/08 (2006.01)
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 (54) Pressure Controlled Exhaust Vent
 (51) Int. Cl.
A61M 16/20 (2006.01)
F16K 15/14 (2006.01)
 (43) 23.06.2022
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 (72) Huddart, Brett John; Salmon, Andrew Paul Maxwell; Pedersen, Matthew James; Rose, Hamish Joshua; Mashal, Fadi Karim Moh'd; Richardson, Thomas Mark; Mittermeier, Simon; Betteridge, Max Leon
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 (11) AU-B-2022204714
 (21) 2022204714 (22) 30.06.2022
 (54) HEADGEAR FOR A RESPIRATORY MASK
 (51) Int. Cl.
A61M 16/06 (2006.01)
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 (62) 2020227098
 (72) WALLS, Bruce Michael; STEPHENSON, Matthew Roger; YOUNG, Jeremy Owen
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 (51) Int. Cl.
E04F 13/08 (2006.01)
E04F 13/14 (2006.01)
E04F 15/08 (2006.01)
E04F 15/16 (2006.01)
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 (72) SARRABLO MORENO, Vicente
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(71) FLYING WHALES
 (11) AU-B-2021399186
 (21) 2021399186 (22) 17.12.2021

(54) AIRSHIP EQUIPPED WITH AN ELECTRIC DISTRIBUTED PROPULSION SYSTEM
 (51) Int. Cl.
B64D 27/24 (2006.01)
B64B 1/32 (2006.01)
B64B 1/34 (2006.01)
B64C 29/00 (2006.01)
B64C 15/02 (2006.01)
B64D 27/02 (2006.01)
 (87) WO2022/129811
 (31) FR2013690 (32) 18.12.20 (33) FR
 (43) 23.06.2022
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 (74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd

(71) Fred Hutchinson Cancer Center
 (11) AU-B-2018335575
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 (54) High efficiency targeted in situ genome-wide profiling
 (51) Int. Cl.
C12N 15/10 (2006.01)
C12Q 1/6804 (2018.01)
C40B 40/06 (2006.01)
G01N 33/53 (2006.01)
 (87) WO2019/060907
 (31) 62/562,918 (32) 25.09.17 (33) US
 (43) 28.03.2019
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 (21) 2021230961

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B60K 35/10 (2024.01)
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A61P 31/12 (2006.01)
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C07D 487/04 (2006.01)
C07K 14/065 (2006.01)
C12N 7/00 (2006.01)
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F16L 59/02 (2006.01)
F16L 59/065 (2006.01)
F25D 17/06 (2006.01)
F25D 21/14 (2006.01)
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F25B 49/02 (2006.01)
D06F 33/50 (2020.01)
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G02B 27/01 (2006.01)
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C12Q 1/02 (2006.01)
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F24S 30/425 (2018.01)
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 F02C 9/44 (2006.01)
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A23L 33/21 (2016.01)
A61K 31/702 (2006.01)
A61K 31/733 (2006.01)
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E01C 19/23 (2006.01)
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F16L 1/06 (2006.01)
B60P 3/40 (2006.01)
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B66C 1/42 (2006.01)
F16L 1/09 (2006.01)
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B28C 5/08 (2006.01)
B01F 31/85 (2022.01)
B01F 33/82 (2022.01)
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C07D 213/72 (2006.01)
A61K 31/435 (2006.01)
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A61P 9/04 (2006.01)
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F24D 17/00 (2006.01)

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B65D 85/72 (2006.01)
C12G 3/04 (2019.01)
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C07K 14/135 (2006.01)
C12N 5/10 (2006.01)
C12N 15/62 (2006.01)
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F23G 5/027 (2006.01)
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G01B 11/02 (2006.01)
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G01S 17/87 (2020.01)
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B01D 69/12 (2006.01)
C25B 9/23 (2021.01)
C25B 13/08 (2006.01)
H01M 8/1004 (2016.01)
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A61K 38/18 (2006.01)

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A61P 1/16 (2006.01)
A61P 1/18 (2006.01)
A61P 3/04 (2006.01)
A61P 9/00 (2006.01)
A61P 19/02 (2006.01)
A61P 21/00 (2006.01)
A61P 25/00 (2006.01)
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E02F 3/36 (2006.01)
A01B 59/06 (2006.01)
B60D 1/58 (2006.01)
F16B 2/14 (2006.01)
F16L 37/00 (2006.01)
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(74) AJ PARK

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(11) AU-B-2022206714
(21) 2022206714 **(22)** 19.07.2022
(54) System and method for implementing containers which extract and apply semantic page knowledge
(51) Int. Cl.
G06F 40/131 (2020.01)
(43) 11.08.2022
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(74) FPA Patent Attorneys Pty Ltd

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(21) 2020436811 **(22)** 28.10.2020
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A61K 33/24 (2019.01)
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A61K 47/69 (2017.01)
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(72) SUN, Taolei
(74) Madderns Pty Ltd

Xuzhou Kerui Mining Technology Co., Ltd.
see China University of Mining and Technology
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(71) Zebra Technologies Corporation
(11) AU-B-2021281467
(21) 2021281467 **(22)** 21.05.2021
(54) System and method for dimensioning objects
(51) Int. Cl.
G01B 15/00 (2006.01)
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(31) 16/885,550 **(32)** 28.05.20 **(33)** US
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(74) Spruson & Ferguson

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(21) 2018291609 **(22)** 26.06.2018
(54) Expandable container shelter
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E04B 1/344 (2006.01)
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(21) 2021393601 **(22)** 26.10.2021
(54) SYSTEMS AND METHODS FOR OBJECT RECOGNITION
(51) Int. Cl.
G06F 18/24 (2023.01)
G06V 20/52 (2022.01)
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(74) Madderns Pty Ltd

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(11) AU-B-2020275797
(21) 2020275797 **(22)** 03.01.2020
(54) Fusion protein for treatment of metabolic disease
(51) Int. Cl.
C07K 14/50 (2006.01)
A61K 38/26 (2006.01)

A61P 3/00 (2006.01)
A61P 3/04 (2006.01)
C07K 19/00 (2006.01)
C12N 15/62 (2006.01)
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2017253240	Regeneron Pharmaceuticals, Inc.	2018344386	ROSEN IP AG
2017253241	Regeneron Pharmaceuticals, Inc.	2018347941	Becton, Dickinson and Company
2017266948	ModernaTX, Inc.; Fundacion Para La Investigacion Medica Aplicada	2018348754	CHEP Technology Pty Ltd
2017330741	MPO, Inc.	2018350890	Regeneron Pharmaceuticals, Inc.
2017331440	Mine Vision Systems, Inc.	2018350898	Regeneron Pharmaceuticals, Inc.
2017332161	The United States of America, as represented by the Secretary, Department of Health and Human Services; The United States Government as represented by the Department of Veterans Affairs	2018351428	Conveyor Limited
2017332285	ALX Oncology Inc.	2018354318	Takeda Pharmaceutical Company Limited
2017364084	Integrated DNA Technologies, Inc.	2018356242	Hilti Aktiengesellschaft
2017382883	The United States of America, as represented by the Secretary, Department of Health and Human Services	2018359328	Epiroc Rock Drills Aktiebolag
2017412615	EOS Imaging	2018365801	Smith & Nephew, Inc.
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2018205207	Specialised Resource Products and Services Pty Ltd	2018379313	EnergyNest AS
2018210030	Innate Immunity LLC	2018380155	Kembi Therapeutics Pty Ltd
2018223008	Australian Trailer Solutions Group Property Pty Ltd	2018382767	Faiveley Transport Amiens
2018232930	Schneider Electric Buildings Americas, Inc.	2018384820	Auris Health, Inc.
2018250688	Abbott Laboratories	2018390563	University of Tennessee Research Foundation
2018252191	ProQR Therapeutics II B.V.	2018390796	Intervet International B.V.
2018255502	Newell Australia Pty Ltd	2018396964	Nanjing Legend Biotech Co., Ltd.
2018256615	SKF Lubrication Systems Germany GmbH	2018415824	Talis Biomedical Corporation
2018260812	Peterson, W.	2018422444	Guangdong Oppo Mobile Telecommunications Corp., Ltd.
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2018302206	Komatsu Germany GmbH	2019216929	Nisshin Seifun Welna Inc.
2018304406	Robillard, R.; Robillard, F.	2019216982	Memorial Sloan-Kettering Cancer Center
2018306517	Macliver, K.	2019219787	Plasan Sasa Ltd.
2018307956	East End Medical LLC	2019223049	Aelis Farma; INSERM (Institut National de la Santé et de la Recherche Médicale); Université de Bordeaux
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2018312823	Shaw, O.; Hurst, R.	2019227886	Qualcomm Incorporated
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2018320505	Fisher & Paykel Healthcare Limited	2019228717	AstraZeneca AB
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2018335595	Mapei SpA	2019246043	SNIPR Biome ApS.
2018337070	Leo Cancer Care, Inc.	2019246980	Qualcomm Incorporated
2018337652	Cargill, Incorporated	2019248861	Guala Closures S.p.A.
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		2019250452	Haldor Topsøe A/S

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2019301060	Selig Sealing Products, Inc.	2021333957	Beijing Bytedance Network Technology Co., Ltd.
2019302541	Selig Sealing Products, Inc.	2021336803	Thomson Reuters Enterprise Centre GmbH
2019308740	Sunamp Limited	2021336812	Medacta International SA
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2019322188	Modern Biosciences Limited	2021344298	QINGDAO HAIER REFRIGERATOR CO., LTD.; HAIER SMART HOME CO., LTD.
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2019329063	Suntory Holdings Limited	2021358122	BAKER HUGHES OILFIELD OPERATIONS LLC
2019335006	Takeda Vaccines, Inc.	2021359241	International Business Machines Corporation
2019335989	Sage Therapeutics, Inc.	2021359962	HITACHI, LTD.
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2019407063	Novartis AG	2021364621	Kim, M.H.; Kim, S.G.
2019433463	Halliburton Energy Services, Inc.	2021365654	BAKER HUGHES OILFIELD OPERATIONS LLC
2019436304	Nusca, R.	2021366095	International Business Machines Corporation
2019456727	Schmidt-Böcking, H.; Luther, G.	2021366577	CHANGSHA HEIJINGANG INDUSTRIAL CO., LTD
2020202165	Grifols Engineering, S.A.	2021369233	NIPPON STEEL CORPORATION
2020216556	Detnet South Africa (Pty) Ltd	2021370773	THYSSENKRUPP MARINE SYSTEMS GMBH;
2020247211	Innovacell AG	2021371178	THYSSENKRUPP AG
2020258788	BioGaia AB	2021371178	PATIL, A.M.
2020263098	Schneider Electric Industries SAS	2021374545	New-Tec Integration (Xiamen) Co., Ltd.
2020267509	Ab Initio Technology LLC	2021376591	HAIER SMART HOME CO., LTD.; QINGDAO HAIER REFRIGERATOR CO., LTD; HAIER US APPLIANCE SOLUTIONS, INC.
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2020295308	Tagworks Pharmaceuticals B.V.	2021393601	ZHEJIANG DAHUA TECHNOLOGY CO., LTD.
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2020358058	Power Stow International ApS	2021399910	SHELL INTERNATIONALE RESEARCH MAATSCHAP-PIJ B.V.
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2020410629	Jiangsu Goldwind Science & Technology Co., Ltd.	2021417277	HUAWEI TECHNOLOGIES CO., LTD.
2020419193	Abbott Diabetes Care Inc.	2021417897	INTERNATIONAL BUSINESS MACHINES CORPORATION
2020426864	SEW-EURODRIVE GmbH & Co. KG	2022200693	Illinois Tool Works Inc.
2020426906	NEC Corporation	2022200729	Great Plains Manufacturing, Inc.
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2020452200	Hubei Institute of Aerospace Chemical Technology	2022200914	Axon Enterprise, Inc.
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2022202787	University of Washington; Institute for Research in Biomedicine	2022405057	ITACONIX CORPORATION
2022202845	Naber Holding GmbH & Co.	2023200083	Qualcomm Incorporated
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2022203007	AstraZeneca AB	2023201163	Magic Leap, Inc.
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2022209211	Becton, Dickinson and Company	2023337867	GOOGLE LLC
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2022218786	URSHEL LABORATORIES, INC.		
2022221533	LG Electronics Inc.		
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2022227148	Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation		
2022227712	SOTER BIOPHARMA PTE. LTD.		
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2022228172	LG Electronics Inc.		
2022228175	LG Electronics Inc.		
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<u>A01M 1 /-</u>	2018337652	<u>A47B 3 /-</u>	2018335486	2018313738	2019254338
2019231662	2022203298	2021374545	2018354318	2018313738	2019335006
<u>A01N 27 /-</u>	<u>A23L 35 /-</u>	<u>A47B 57 /-</u>	2018380155	2018335486	2019407063
2019231662	2019216929	2018223008	2018390563	2018354318	2020316495
<u>A01N 37 /-</u>	<u>A23L 5 /-</u>	<u>A47C 27 /-</u>	2019200903	2018380155	2022202787
2018210030	2019216929	2018367067	2019212801	2018390563	2022202958
<u>A01N 43 /-</u>	<u>A24F 47 /-</u>	<u>A47C 7 /-</u>	2019223049	2019200903	2022206724
2019212442	2022218470	2021374545	2019228717	2019212801	2022235631
2021302006	<u>A41B 9 /-</u>	<u>A47D 13 /-</u>	2019228717	2019223049	
2021314718	2018276300	2018367067	2019254338	2019228717	<u>A61K 45 /-</u>
<u>A01N 61 /-</u>	<u>A41D 7 /-</u>	<u>A47C 7 /-</u>	2019264134	2019228717	2017330741
2018210030	2018276300	2021374545	2019280360	2019228717	2018313738
<u>A01N 65 /-</u>	<u>A41G 3 /-</u>	<u>A61B 1 /-</u>	2019289628	2019228717	2021204485
2019231662	2018276300	2021374545	2019294572	2019228717	2022206724
<u>A01P 5 /-</u>	2019290015	2022252752	2019322188	2019322188	
			2019359899	2019359899	<u>A61K 47 /-</u>
			2021204485	2021204485	2018263924
			2021206100	2021206100	2018279853
			2021291437	2021291437	2018390563
			2021296163	2021296163	2019254338
			2021307607	2021307607	2020436811
			2021356110	2021356110	2021338393
			2022201963	2022201963	2021401314
			2022202352	2022202352	2022203096
			2022203007	2022203007	
			2022203096	2022203096	<u>A61K 48 /-</u>
			2022203298	2022203298	2017266948
			2022218470	2022218470	2018328465
			2022221581	2022221581	
			2022227712	2022227712	<u>A61K 51 /-</u>
			2022263550	2022263550	2020295308
			2023201501	2023201501	2023203994
			<u>A61K 33 /-</u>	<u>A61K 33 /-</u>	
			2020436811	2020436811	<u>A61K 8 /-</u>
			2022203007	2022203007	2019214836
			2023203994	2023203994	

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2021263847	2018298885	2019264134	2020452200	2022204733	<u>B29B 17 /-</u>
2022201963	2019259754	2021338393	<u>A63F 1 /-</u>	<u>B04B 5 /-</u>	2021306370
2022203096	2022203528	2022206724	2019268835	2022204733	<u>B29C 31 /-</u>
<u>A61K 9 /-</u>	<u>A61N 5 /-</u>	<u>A61P 35 /-</u>	<u>A63F 9 /-</u>	<u>B07B 1 /-</u>	2018337669
2018279853	2018337070	2016426507	2022224722	2019202574	<u>B29C 33 /-</u>
2018285821	2018366278	2017332285	<u>B01D 1 /-</u>	<u>B08B 9 /-</u>	2019248861
2018292732	2023203994	2018263924	2018337652	2021285402	2023202248
2018354318	<u>A61P 1 /-</u>	2018278271	<u>B01D 17 /-</u>	<u>B22F 10 /-</u>	<u>B29C 35 /-</u>
2018390563	2018278312	2018285821	2021399910	2021237708	2019245276
2019208796	2020258788	2018328465	<u>B01D 21 /-</u>	<u>B22F 12 /-</u>	<u>B29C 37 /-</u>
2019294572	2020436811	2018335486	2019281126	2021237708	2023202248
2019372816	2021204485	2018380155	2022204733	<u>B22F 3 /-</u>	<u>B29C 45 /-</u>
2021291437	2022203298	2018396964	2022297830	2019245276	2019248861
2022201963	<u>A61P 11 /-</u>	2019212801	<u>B01D 33 /-</u>	<u>B23B 5 /-</u>	<u>B29C 49 /-</u>
2022202352	2018312823	2019264134	2019202574	2021285402	<u>B29C 51 /-</u>
2022203096	2019228717	2019280360	2018304406	<u>B23K 9 /-</u>	2021374545
<u>A61L 2 /-</u>	2017330741	2019289628	<u>B01D 37 /-</u>	2021237708	<u>B29C 59 /-</u>
2020202165	<u>A61P 15 /-</u>	2019322188	2022297830	<u>B24C 7 /-</u>	2023274092
<u>A61L 27 /-</u>	<u>A61P 17 /-</u>	2020295308	<u>B01D 61 /-</u>	2019202890	<u>B29C 65 /-</u>
2018298970	2019294572	2021204485	2021399910	<u>B25F 5 /-</u>	2018351428
2019237219	<u>A61P 19 /-</u>	2021291437	<u>B01D 63 /-</u>	2022256132	<u>B29L 31 /-</u>
2019267468	2018263924	2021338393	2022330672	<u>B25J 13 /-</u>	2019248861
2021230961	2019322188	2022203007	<u>B01D 65 /-</u>	2018384820	<u>B32B 1 /-</u>
<u>A61M 1 /-</u>	2021204485	2022206724	2021399910	<u>B25J 9 /-</u>	2022275376
2018331954	<u>A61P 21 /-</u>	2022263550	<u>B01D 69 /-</u>	2018333008	<u>B32B 27 /-</u>
<u>A61M 11 /-</u>	2019294751	2023203994	2021328455	2018384820	<u>B26B 19 /-</u>
2022246463	2018263924	<u>A61P 37 /-</u>	<u>B01F 31 /-</u>	2018295573	2018304406
<u>A61M 15 /-</u>	2019322188	2017332285	2021391502	<u>B26D 3 /-</u>	2018341792
2022246463	2021204485	2019289628	<u>B01F 33 /-</u>	2022218786	2022275376
<u>A61M 16 /-</u>	2022206724	2019322188	2018415824	<u>B26D 7 /-</u>	<u>B32B 3 /-</u>
<u>A61M 15 /-</u>	<u>A61P 25 /-</u>	<u>A61P 43 /-</u>	2021391502	2022218786	2018331911
2022246463	2021204485	2021307607	<u>B01L 3 /-</u>	<u>B28C 5 /-</u>	<u>B33Y 10 /-</u>
<u>A61M 16 /-</u>	2022206724	<u>A61P 9 /-</u>	2022203626	2021391502	2019245276
<u>A61M 16 /-</u>	<u>A61P 27 /-</u>	2021204485	2022204853	<u>B28C 7 /-</u>	<u>B33Y 80 /-</u>
2018320505	2019223049	2022206724	<u>B01L 9 /-</u>	2021391502	2019237219
2019314357	2019294751	2022227712	2022203626	<u>B28C 9 /-</u>	<u>B60D 1 /-</u>
2022201743	2019359899	<u>A61Q 11 /-</u>	2018264089	2021391502	2018311534
2022202559	2021204485	2021263847	<u>B04B 11 /-</u>	2021391502	2019219787
2022203147	2021307607	<u>A61Q 13 /-</u>			
2022203660	2021356110	2021263847			
2022204714	2022206724	<u>A61Q 19 /-</u>			
<u>A61M 25 /-</u>	2022263550	<u>A61Q 7 /-</u>			
2018307956	<u>A61P 29 /-</u>	<u>A61Q 19 /-</u>			
2018347941	2020316495	2019214836			
2019228484	<u>A61P 31 /-</u>	<u>A61Q 19 /-</u>			
2019272593	2017332285	2022203096			
<u>A61M 27 /-</u>	2019280360	<u>A62B 18 /-</u>			
2019272593	2022263550	2019314357			
<u>A61M 27 /-</u>	<u>A61P 3 /-</u>	2022203147			
2019272593	2018275937	<u>A62C 37 /-</u>			
<u>A61M 39 /-</u>	2020275797	2020452200			
2019228484	2021204485	2021290406			
2019261429	2021401314	<u>A62C 5 /-</u>			
<u>A61M 5 /-</u>	<u>A61P 31 /-</u>				
2019282539	2018289539				
2023202024	2019246043				
<u>A61N 1 /-</u>					

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<u>B60D 5 /-</u>		<u>B64F 1 /-</u>		2019212442	2019359899
2019219787	<u>B62D 47 /-</u>	2020358058	<u>B82Y 5 /-</u>	<u>C07D 307 /-</u>	<u>C07J 43 /-</u>
<u>B60K 15 /-</u>	2019219787	<u>B65B 51 /-</u>	2022201963	2021302006	2019359899
2021259986	<u>B62D 51 /-</u>	2018351428	2022202787	<u>C07D 401 /-</u>	<u>C07J 7 /-</u>
<u>B60K 35 /-</u>	2022200729	<u>B65B 53 /-</u>	<u>C01B 3 /-</u>	2019212801	2019359899
2022200729	<u>B62D 55 /-</u>	2022275376	2022218454	2019289628	<u>C07K 14 /-</u>
<u>B60L 53 /-</u>	2018261137	<u>B65B 55 /-</u>	<u>C01B 32 /-</u>	2021296163	2019216982
2021322105	2018302206	2020202165	<u>C02F 1 /-</u>	<u>C07D 403 /-</u>	2019264134
2022271437	2022200729	<u>B65B 9 /-</u>	2022218454	2021296163	2020275797
<u>B60N 2 /-</u>	<u>B62D 7 /-</u>	2018351428	<u>C02F 103 /-</u>	<u>C07D 405 /-</u>	2021338393
2018306517	2021338375	<u>B65D 17 /-</u>	2018304406	2019212801	2021401314
<u>B60P 3 /-</u>	<u>B62J 17 /-</u>	2019301060	2019236171	<u>C07D 407 /-</u>	2022202787
2022291607	2021364621	2019302541	2019281126	2022206724	2022235631
<u>B60S 1 /-</u>	<u>B62J 50 /-</u>	<u>B65D 19 /-</u>	<u>C04B 103 /-</u>	<u>C07K 16 /-</u>	2016426507
2023237086	2022283643	2018348754	2018335595	2017246794	2017253240
<u>B60T 11 /-</u>	2021364621	2018369861	<u>C04B 14 /-</u>	2017253241	2017332161
2021333244	<u>B62M 1 /-</u>	<u>B65D 33 /-</u>	<u>C04B 14 /-</u>	2017382883	2018396964
<u>B60T 13 /-</u>	2021364621	2019233772	<u>C04B 22 /-</u>	2019407063	2020295308
2021333244	<u>B62M 11 /-</u>	2019301060	<u>C04B 40 /-</u>	2020316495	2021342349
<u>B60T 15 /-</u>	2021364621	2019302541	<u>C04B 40 /-</u>	2022206724	2022206724
2018382767	<u>B63C 9 /-</u>	<u>B65D 85 /-</u>	<u>C04B 40 /-</u>	<u>C07D 487 /-</u>	<u>C07K 19 /-</u>
<u>B60T 17 /-</u>	2019321459	2019329063	<u>C05G 3 /-</u>	2019264134	2020275797
2021333244	<u>B63G 8 /-</u>	<u>B65G 47 /-</u>	<u>C07C 29 /-</u>	2019280360	2021338393
<u>B60T 7 /-</u>	2021370773	2018295573	<u>C07C 317 /-</u>	2021296163	2022206724
2020358058	<u>B64B 1 /-</u>	2018337669	2021341510	2022237836	2022235631
<u>B60W 30 /-</u>	2021399186	<u>B65G 53 /-</u>	<u>C07C 29 /-</u>	<u>C07D 491 /-</u>	<u>C08F 22 /-</u>
2020358058	<u>B64C 15 /-</u>	2022202351	<u>C07C 317 /-</u>	2022252848	2022405057
<u>B60W 50 /-</u>	2021399186	<u>B66B 1 /-</u>	<u>C07D 213 /-</u>	<u>C07D 495 /-</u>	<u>C08F 265 /-</u>
2020358058	<u>B64C 29 /-</u>	2020376494	2019322188	2022263550	2022405057
<u>B61L 23 /-</u>	2021399186	<u>B66B 5 /-</u>	<u>C07D 215 /-</u>	<u>C07D 498 /-</u>	<u>C08F 267 /-</u>
2019200597	<u>B64C 39 /-</u>	2020376494	2019322188	2021206100	2022405057
2021359962	2021290406	<u>B66C 1 /-</u>	2022227712	<u>C07D 519 /-</u>	<u>C08G 59 /-</u>
<u>B62B 3 /-</u>	<u>B64D 1 /-</u>	2019214833	<u>C07D 215 /-</u>	<u>C07D 519 /-</u>	2021299725
2018369861	2021290406	2022291607	2019212801	2021206100	2022237836
2020426864	<u>B64D 27 /-</u>	<u>B68G 9 /-</u>	<u>C07D 233 /-</u>	<u>C07H 21 /-</u>	<u>C08J 11 /-</u>
2022201535	2021399186	2018367067	202221581	2019278884	2021306370
<u>B62B 5 /-</u>	2021399186	<u>B81B 7 /-</u>	<u>C07D 239 /-</u>	<u>C07J 1 /-</u>	<u>C08J 9 /-</u>
2020426864	<u>B64D 47 /-</u>	2022204853	202221581	2019359899	2021299725
2022201535	2021290406	<u>B82Y 30 /-</u>	<u>C07D 249 /-</u>	<u>C07J 13 /-</u>	<u>C08L 71 /-</u>
<u>B62D 33 /-</u>	2021290406	2022201963	2018380155	2019359899	2019267468
2018223008			<u>C07D 277 /-</u>	<u>C07J 21 /-</u>	<u>C09C 1 /-</u>
				2022204309	

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<u>C09D 135 /-</u>	2019246043 2019264134 2020275797 2022202787 2022206724	<u>C25B 9 /-</u>	2018304406 2021328455 2022227148	<u>E21B 41 /-</u>	<u>F02M 43 /-</u>
2022405057			<u>E04B 1 /-</u>	2017439380	2019202534
<u>C09K 5 /-</u>		<u>C40B 40 /-</u>	2018291609 2022200693 2023202585	<u>E21B 43 /-</u>	<u>F02M 57 /-</u>
2018337829	<u>C12N 5 /-</u>			2019433463 2021299725 2021300270 2021365654	2019202534
<u>C09K 8 /-</u>	2017330741 2018267167 2019216982 2020247211 2021204485 2022202787 2022206724 2022277079	2018335575	<u>E04B 5 /-</u>		<u>F02M 63 /-</u>
2021300270		<u>D06F 33 /-</u>	2018304406	<u>E21B 47 /-</u>	2019202534
<u>C10G 31 /-</u>		2022279405	<u>E04C 2 /-</u>	2017331440 2021408089	<u>F03B 13 /-</u>
2021399910		<u>D06F 37 /-</u>	2023202585	<u>E21C 25 /-</u>	2019255367 2019456727
<u>C10G 45 /-</u>		2022228172 2022228175	<u>E04F 10 /-</u>	2018266727	<u>F03B 17 /-</u>
2021361086	<u>C12N 7 /-</u>	<u>D06F 39 /-</u>	2018204373	<u>E21D 20 /-</u>	2019255367
<u>C10K 3 /-</u>	2019264134	2022228172 2022228175	<u>E04F 13 /-</u>	2018203430	<u>F03B 3 /-</u>
2022218454	<u>C12N 9 /-</u>	<u>D06F 58 /-</u>	2018452355	<u>E21D 21 /-</u>	2019255367
<u>C11B 3 /-</u>	2017266948 2017364084 2019246043 2022206724	2022279405	<u>E04F 15 /-</u>	2018203430	<u>F03D 13 /-</u>
2018337652		<u>D06N 7 /-</u>	2018452355	<u>E21F 1 /-</u>	2019214833
<u>C11D 1 /-</u>	<u>C12P 21 /-</u>	2018341792	<u>E04F 17 /-</u>	2022202845	<u>F03D 80 /-</u>
2022203103	2020275797 2022206724	<u>E01C 13 /-</u>	2022202845	<u>E21F 13 /-</u>	2020452476
<u>C11D 11 /-</u>		2019436304	2018291609	2022335876	<u>F04B 53 /-</u>
2022203103	<u>C12P 7 /-</u>	<u>E01C 19 /-</u>	<u>E04H 17 /-</u>	<u>E21F 17 /-</u>	2018256615
<u>C11D 3 /-</u>	2018267167	2022202202	2017245325	2017331440 2022335876	<u>F04D 17 /-</u>
2022203103	<u>C12Q 1 /-</u>	<u>E01C 23 /-</u>	<u>E05B 47 /-</u>	<u>E21F 9 /-</u>	2022334928
<u>C12G 3 /-</u>	2017330741 2018335575 2018343116 2021273631 2022202587 2022202958	2022202202	2020391236	2021408089	<u>F04D 7 /-</u>
2019329063		<u>E01D 11 /-</u>	<u>E05B 49 /-</u>	<u>F01K 25 /-</u>	2018264089
<u>C12H 6 /-</u>		2019286812	2020426906	2019286912	<u>F16B 1 /-</u>
2019329063	<u>C12R 1 /-</u>	<u>E01D 22 /-</u>	<u>E21B 10 /-</u>	<u>F01K 7 /-</u>	2021319787
<u>C12M 1 /-</u>	2017430856	2019286812	2018205207	2019286912	<u>F16B 13 /-</u>
2018350898 2018415824 2022204853 2022269308	<u>C21D 6 /-</u>	<u>E01F 13 /-</u>	<u>E21B 17 /-</u>	<u>F02B 45 /-</u>	2018356242 2022200693
	2021366577	2017245325	2017439380 2021358122	2019202534	<u>F16B 2 /-</u>
<u>C12N 1 /-</u>	<u>C22C 14 /-</u>	<u>E02D 13 /-</u>	<u>E21B 23 /-</u>	<u>F02C 6 /-</u>	2018311534
2017430856 2018267167 2018275937 2018328465 2020258788	2018371164	2020410629	2019433463 2021365654	2022387726	<u>F16B 21 /-</u>
	<u>C23C 8 /-</u>	<u>E02D 27 /-</u>	<u>E21B 33 /-</u>	<u>F02C 7 /-</u>	2018348754
	2021366577	2020410629	2021365654	2022387726	<u>F16B 45 /-</u>
<u>C12N 15 /-</u>	<u>C25B 1 /-</u>	<u>E02F 3 /-</u>	<u>E21B 34 /-</u>	<u>F02C 9 /-</u>	2023203726
2017253240 2017253241 2017364084 2017430856 2018252191 2018267167 2018328465 2018335575 2018343116 2018396964	2019250452 2022227148	2018311534 2018359328 2022200729	2018455884 2021365654	2022387726	<u>F16G 13 /-</u>
	<u>C25B 13 /-</u>	<u>E02F 9 /-</u>	<u>E21B 4 /-</u>	<u>F02D 19 /-</u>	2018266727
	2021328455	2022200729	2018205207	2019202534	<u>F16G 15 /-</u>
	<u>C25B 15 /-</u>	<u>E03F 5 /-</u>		<u>F02M 37 /-</u>	2018266727
	2019250452 2022227148			2019202534	

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F16H 1 /-	2024202926	F28D 20 /-	2018335575 2022202958	G05D 1 /-	
2021364621	F24D 17 /-	2018379313	2022204853	2021284027	G06Q 40 /-
F16J 12 /-	2019308740	2019308740	2023202024	2023251456	2022206741
2021259986	F24F 1 /-	F28F 13 /-	2023248100	G05D 22 /-	G06Q 50 /-
F16J 15 /-	2020476620	2019308740	G01N 35 /-	2018232930	2019268835
2021259986	2022356567	F41B 9 /-	2022209211	G05D 23 /-	G06T 11 /-
F16K 15 /-	F24F 13 /-	2019233772	G01S 17 /-	2018232930	2023204097
2019261429	2022202845	F41H 13 /-	2021319787	G06F 1 /-	G06T 5 /-
2022203660	2022356567	2019285839	G01V 1 /-	2020391236	2021333957
F16K 17 /-	F24F 7 /-	2022200914	2017331440	G06F 16 /-	2023204097
2018455884	2022356567	F42C 15 /-	2022399667	G06F 18 /-	G06T 7 /-
2021333244	F24H 7 /-	2020216556	G01V 3 /-	2021359241	2019205766
F16K 31 /-	2019308740	2021262878	2017331440	2022206741	2019249431
2018455884	F24S 25 /-	F42D 1 /-	G02B 1 /-	2023203480	2019262147
F16L 1 /-	2024201336	2020216556	2023274092	2021342349	2020426906
2022291607	F24S 30 /-	2021262878	G02B 21 /-	2021393601	2021266444
F16L 37 /-	2021329836	F42D 5 /-	2022203626	2021417897	2021417897
2018311534	F25B 30 /-	2021262878	G02B 27 /-	G06F 21 /-	G06V 10 /-
F16L 43 /-	2022279405	G01B 11 /-	2023201163	2019204325	2021417897
2022202845	F25B 49 /-	G01B 15 /-	G02B 3 /-	2021336803	G06V 20 /-
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F16L 59 /-	2021344298	2022202351	G02B 6 /-	G06F 9 /-	2022204611
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2024202926	F25D 29 /-	2019284820	G03B 15 /-	2021366095	G07F 19 /-
F23G 5 /-	2022200857	2022203626	2021408089	2023337867	2019311693
2021306370	2022215219	2022252848	G03B 17 /-	G06N 5 /-	G08C 19 /-
F24C 15 /-	F25J 1 /-	G01N 27 /-	2021408089	2023248100	2020391236
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2024202926	F25J 3 /-	G01N 33 /-	2021408089	2022204611	2021329638
F24C 7 /-	2022218454	2017330741	G03F 7 /-	G06Q 20 /-	G08G 5 /-
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Applications Accepted - IPC Index cont'd

2019202155	<u>H01Q 5 /-</u>	<u>H04S 7 /-</u>
<u>G10L 13 /-</u>	2020391236	2023202400
2023337867	<u>H01R 4 /-</u>	<u>H04W 12 /-</u>
<u>G10L 19 /-</u>	2019268047	2019204325
2021305381	<u>H02J 50 /-</u>	2019275226
<u>G10L 25 /-</u>	2019256623	2021417277
2023337867	<u>H02J 7 /-</u>	2023201763
<u>G16B 20 /-</u>	2021322105	<u>H04W 16 /-</u>
2021273631	<u>H02K 5 /-</u>	2021308519
2022202958	2022256132	<u>H04W 4 /-</u>
<u>G16B 40 /-</u>	<u>H02K 9 /-</u>	2022246463
2022202958	2022256132	<u>H04W 48 /-</u>
<u>G16C 10 /-</u>	<u>H02S 20 /-</u>	2018430510
2023248100	2021329836	2019324654
<u>G21G 4 /-</u>	<u>H04B 15 /-</u>	<u>H04W 52 /-</u>
2023203994	2019275226	2020391236
<u>H01F 27 /-</u>	<u>H04B 7 /-</u>	<u>H04W 72 /-</u>
2021369233	2019275226	2018422444
<u>H01F 41 /-</u>	2020391236	2019246980
2021369233	<u>H04L 12 /-</u>	2019275226
<u>H01H 1 /-</u>	2023201763	2021288808
2023219923	<u>H04L 5 /-</u>	<u>H04W 74 /-</u>
<u>H01H 23 /-</u>	2019246980	2019227886
2020263098	2021288808	<u>H05C 1 /-</u>
<u>H01H 33 /-</u>	<u>H04L 67 /-</u>	2022200914
2023219923	2023203480	<u>H05H 1 /-</u>
<u>H01H 75 /-</u>	<u>H04L 9 /-</u>	2022386575
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<u>H01J 37 /-</u>	2024203796	2020452476
2022386575	<u>H04M 1 /-</u>	
<u>H01M 4 /-</u>	2019231118	
2021328455	2022283743	
<u>H01M 50 /-</u>	<u>H04M 11 /-</u>	
2021370773	2022224722	
<u>H01M 8 /-</u>	<u>H04N 19 /-</u>	
2021328455	2023201381	
2021328758	<u>H04N 21 /-</u>	
<u>H01Q 1 /-</u>	2023200083	
2023286508	<u>H04N 9 /-</u>	
	2019275226	

Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Lodged

- 2019341723 **Biological E Limited** (Merck Sharp & Dohme LLC)
- 2021105299 **DIT AgTech Limited** (Wrays Solutions Pty Ltd)

Opposition Withdrawn - Proceed to Grant

- 2021286372 **De La Rue International Limited** (CCL Secure Pty Ltd)

Patents Granted

Standard Patents

2017201385	2017207917	2017213886	2017214550
2017214685	2017216253	2017232036	2017236183
2017237376	2017240069	2017244515	2017259827
2017265108	2017274084	2017279561	2017279708
2017289450	2017298298	2017299781	2017320874
2017328927	2017347851	2017384348	2017403926
2017412614	2017420368	2017421096	2017422126
2017426132	2017427811	2018202725	2018202993
2018203112	2018203879	2018208505	2018210326
2018211966	2018215684	2018217138	2018217992
2018223297	2018228268	2018228647	2018230272
2018230500	2018231016	2018231175	2018232944
2018234604	2018236690	2018237578	2018239885
2018243571	2018245995	2018248137	2018250397
2018253821	2018253958	2018255293	2018259029
2018260819	2018261434	2018262412	2018263818
2018265018	2018265421	2018268843	2018269474
2018271998	2018276067	2018278219	2018279732
2018280934	2018282179	2018283374	2018285355
2018287249	2018290206	2018293063	2018294324
2018297291	2018299924	2018301688	2018302103
2018303546	2018304546	2018306428	2018308663
2018308861	2018308949	2018309093	2018311974
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2018328654	2018329662	2018331267	2018333868
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2018337657	2018337837	2018343861	2018344883
2018345674	2018345783	2018345844	2018346821
2018347447	2018347718	2018350691	2018350819
2018352466	2018353794	2018355821	2018356517
2018368340	2018368617	2018368707	2018369598
2018373393	2018374516	2018374566	2018377970
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2018386105	2018386128	2018387802	2018389849
2018389967	2018390189	2018390191	2018391305
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2019212752	2019213004	2019213172	2019215120
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2019231879	2019239818	2019240370	2019240752
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2019257164	2019258326	2019258327	2019260233
2019261364	2019269280	2019269599	2019272342
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2019287309	2019307885	2019325969	2019329424

Patents Granted

Standard Patents

2019335968	2019337018	2019340068	2019349957
2019374753	2019447706	2019473059	2019477592
2020210233	2020223728	2020224097	2020230295
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2022306667	2022307644	2022308529	2022352381
2022416127	2023200171	2023200267	2023200383
2023200767	2023200768	2023200769	2023200859
2023200876	2023201184	2023202011	2023202153
2023203519	2023203723	2023204415	2023208128
2023214296	2023214315	2023222951	2023222995
2023231021	2023237090	2023238216	2023263460
2023282296			

Innovation Patents

2021107695	2021107696
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Assignments Registered

2004293001 William A. Cook Australia Pty. Ltd. The patent has been assigned to **Cook Medical Technologies LLC**

2004298491 William A. Cook Australia Pty. Ltd.; Cook Incorporated The patent has been assigned to **Cook Medical Technologies LLC**

2006317501 Ultra Aquatic Technology Pty Ltd The patent has been assigned to **UAT Holdings Pty Ltd**

2007238829 William A. Cook Australia Pty. Ltd.; Cook Urological Inc. The patent has been assigned to **Cook Medical Technologies LLC**

2008299124 Danielyan, Lusine; Gleiter, Christoph; Frey II, William The patent has been assigned to **IntrepiCyte, LLC**

2010201812 SEI MANUFACTURING INC. The patent has been assigned to **SEI INDUSTRIES LTD**

2012201273 SEI MANUFACTURING INC. The patent has been assigned to **SEI INDUSTRIES LTD**

2012204028 Orbite Aluminae Inc. The patent has been assigned to **AEM Technologies Inc.**

2012231686 Orbite Aluminae Inc. The patent has been assigned to **AEM Technologies Inc.**

2012262586 Orbite Aluminae Inc. The patent has been assigned to **AEM Technologies Inc.**

2012286482 Orbite Aluminae Inc. The patent has been assigned to **AEM Technologies Inc.**

2012308068 Orbite Aluminae Inc. The patent has been assigned to **AEM Technologies Inc.**

2012332931 Jasco Pharmaceuticals, LLC The patent has been assigned to **P2K Dynamics Inc.**

2013202318 Orbite Aluminae Inc. The patent has been assigned to **AEM Technologies Inc.**

2013203808 Orbite Aluminae Inc. The patent has been assigned to **AEM Technologies Inc.**

2013242847 Tama Group The patent has been assigned to **Tama Australia Pty Ltd**

2013345301 Western Digital Technologies, Inc. The patent has been assigned to **SanDisk Technologies, Inc.**

2013345302 Western Digital Technologies, Inc. The patent has been assigned to **SanDisk Technologies, Inc.**

2013356584 Western Digital Technologies, Inc. The patent has been assigned to **SanDisk Technologies, Inc.**

2014200904 SEI MANUFACTURING INC. The patent has been assigned to **SEI INDUSTRIES LTD**

2014203769 Oticon Medical A/S The patent has been assigned to **Cochlear Limited**

2014203845 Oticon Medical A/S The patent has been assigned to **Cochlear Limited**

2014226246 Western Digital Technologies, Inc. The patent has been assigned to **SanDisk Technologies, Inc.**

2014233574 Oticon Medical A/S The patent has been assigned to **Cochlear Limited**

Assignments Registered

2014233578 Oticon Medical A/S The patent has been assigned to **Cochlear Limited**

2014236657 Western Digital Technologies, Inc. The patent has been assigned to **SanDisk Technologies, Inc.**

2014250916 Western Digital Technologies, Inc. The patent has been assigned to **SanDisk Technologies, Inc.**

2014259751 Western Digital Technologies, Inc. The patent has been assigned to **SanDisk Technologies, Inc.**

2014265183 Western Digital Technologies, Inc. The patent has been assigned to **SanDisk Technologies, Inc.**

2014278189 Western Digital Technologies, Inc. The patent has been assigned to **SanDisk Technologies, Inc.**

2015201503 IVR Group Pty Ltd The patent has been assigned to **Consolidated Ventilation Equipment Pty; IVR Equipment Pty Ltd**

2015202619 IVR Group Pty Ltd The patent has been assigned to **Consolidated Ventilation Equipment Pty; IVR Equipment Pty Ltd**

2015203541 Oticon Medical A/S The patent has been assigned to **Cochlear Limited**

2015203825 Western Digital Technologies, Inc. The patent has been assigned to **SanDisk Technologies, Inc.**

2015203828 Western Digital Technologies, Inc. The patent has been assigned to **SanDisk Technologies, Inc.**

2015238796 Oticon Medical A/S The patent has been assigned to **Cochlear Limited**

2015252156 Oticon Medical A/S The patent has been assigned to **Cochlear Limited**

2015258193 Oticon Medical A/S The patent has been assigned to **Cochlear Limited**

2015336933 Hexima Limited The patent has been assigned to **Defbtotech Pty Ltd**

2015353425 Evelo Biosciences, Inc. The patent has been assigned to **PharmaBiome AG**

2016200210 Oticon Medical A/S The patent has been assigned to **Cochlear Limited**

2016201242 Oticon Medical A/S The patent has been assigned to **Cochlear Limited**

2016203927 Oticon A/S The patent has been assigned to **Cochlear Limited**

2016204154 Oticon Medical A/S The patent has been assigned to **Cochlear Limited**

2016204382 SEI MANUFACTURING INC. The patent has been assigned to **SEI INDUSTRIES LTD**

2016204490 Oticon Medical A/S The patent has been assigned to **Cochlear Limited**

2016213809 Western Digital Technologies, Inc. The patent has been assigned to **SanDisk Technologies, Inc.**

2016225779 Western Digital Technologies, Inc. The patent has been assigned to **SanDisk Technologies, Inc.**

Assignments Registered

2016236842 IVR Group Pty Ltd The patent has been assigned to **Consolidated Ventilation Equipment Pty; IVR Equipment Pty Ltd**

2016273997 Oticon Medical A/S The patent has been assigned to **Cochlear Limited**

2016334954 Green Cross Corporation; Genexine, Inc. The patent has been assigned to **GENEXINE, INC.**

2016372408 Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V.; Giese, Armin; Schmidt, Felix The patent has been assigned to **Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V.**

2017204573 Oticon Medical A/S The patent has been assigned to **Cochlear Limited**

2017224110 ActivOrtho, Inc. The patent has been assigned to **Conventus Orthopaedics, Inc.**

2017258954 Oticon Medical A/S The patent has been assigned to **Cochlear Limited**

2017261628 Oticon Medical A/S The patent has been assigned to **Cochlear Limited**

2017268659 Western Digital Technologies, Inc. The patent has been assigned to **SanDisk Technologies, Inc.**

2017285983 Chr. Hansen A/S The patent has been assigned to **Kerry Group Services International Ltd**

2018203536 Oticon Medical A/S The patent has been assigned to **Cochlear Limited**

2018203596 Oticon Medical A/S The patent has been assigned to **Cochlear Limited**

2018207893 Chr. Hansen A/S The patent has been assigned to **Kerry Group Services International Ltd**

2018211213 Oticon Medical A/S The patent has been assigned to **Cochlear Limited**

2018250886 Chr. Hansen A/S The patent has been assigned to **Kerry Group Services International Ltd**

2018251620 Ultra Aquatic Technology Pty Ltd The patent has been assigned to **UAT Holdings Pty Ltd**

2018251957 Chr. Hansen A/S The patent has been assigned to **Kerry Group Services International Ltd**

2018251967 Chr. Hansen A/S The patent has been assigned to **Kerry Group Services International Ltd**

2018260954 Western Digital Technologies, Inc. The patent has been assigned to **SanDisk Technologies, Inc.**

2018301644 Hyper Ice, Inc. The patent has been assigned to **Hyperice IP SubCO, LLC**

2018368811 Catoi, Peter The patent has been assigned to **AUMMS PTY LTD**

2018410249 Hyper Ice, Inc. The patent has been assigned to **Hyperice IP SubCO, LLC**

2019202222 Western Digital Technologies, Inc. The patent has been assigned to **SanDisk Technologies, Inc.**

2019204770 Hyper Ice, Inc. The patent has been assigned to **Hyperice IP SubCO, LLC**

Assignments Registered

2019283986 Glass Outlet IP Pty Ltd The patent has been assigned to **Glass Outlet BNE Pty Ltd**

2020100074 Glass Outlet IP Pty Ltd The patent has been assigned to **Glass Outlet BNE Pty Ltd**

2020100568 Glass Outlet IP Pty Ltd The patent has been assigned to **Glass Outlet BNE Pty Ltd**

2020202233 Hyper Ice, Inc. The patent has been assigned to **Hyperice IP SubCO, LLC**

2020203039 Nantong University The patent has been assigned to **Jiangsu SQ-Med Group Co., Ltd.**

2021101867 Glass Outlet IP Pty Ltd The patent has been assigned to **Glass Outlet BNE Pty Ltd**

2021202732 Radinn AB The patent has been assigned to **Ride Awake AB**

2021400610 NIPPON SHEET GLASS COMPANY, LIMITED The patent has been assigned to **NIPPON SHEET GLASS COMPANY, LIMITED; Nippon Fiber Corporation**

2022231756 Capture Actual Time Aus Pty Ltd The patent has been assigned to **RIPEN TECH PTY LTD**

Licences Registered - Section 187, Reg. 19

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

2014200312 Wamlez Pty Ltd (Safe T Fasteners Pty Ltd)

2017344440 Pfizer Inc. (Pyxis Oncology, Inc.)

2020260375 Pfizer Inc. (Pyxis Oncology, Inc.)

2023255046 Korea Food Research Institute (COSMAX NS, Inc.)

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Accepted

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

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

2009274569 **Arena Pharmaceuticals, Inc.**

The earliest first regulatory approval date provided by the patentee 22 May 2024

For the goods VELSIPITY etrasimod

Address for service : FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

Corrigenda

In Vol 36 , No 23 , Page(s) 3255 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name CJ Cheiljedang Corporation, Application No. 2020394241, under INID (72) correct the inventors to read KIM, Minhoe; CHOI, Jongmin; KIM, Su-Jeong; BAK, Youn-Kyung; BYUN, Sung Bae and LEE, Sungkyun

In Vol 58 , No 19 , Page(s) 2692 under the heading **Provisional Applications Filed - Name Index** Under the name John Richard Oliver, Application No. 2024901258, under INID (22) correct the filing date to read 1 May 2024

Corrigenda

In Vol 58 , No 22 , Page(s) 3224 under the heading **Applications Accepted - Name Index** Delete all reference to 2019233897.

In Vol 58 , No 23 , Page(s) 3369 under the heading **Applications Accepted - Name Index** Under the name CJ Cheiljedang Corporation, Application No. 2020394241, under INID (72) correct the inventors to read KIM, Minhoe; CHOI, Jongmin; KIM, Su-Jeong; BAK, Youn-Kyung; BYUN, Sung Bae and LEE, Sungkyun

Specifications Republished

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

- 2018425109 **Transitions Optical, Ltd.**
- 2020307631 **Hangzhou Healzen Therapeutics Co., Ltd.**
- 2020464639 **KIMBERLY-CLARK WORLDWIDE, INC.**
- 2020472581 **VERDANT ROBOTICS, INC.**
- 2021324980 **Tronox LLC**
- 2021338964 **HUMAN MECHANICAL TECHNOLOGIES**
- 2021349261 **SEELOS THERAPEUTICS, INC.**
- 2021356392 **JAPAN AVIATION ELECTRONICS INDUSTRY, LIMITED; TOKYO INSTITUTE OF TECHNOLOGY**
- 2021357717 **MERCK PATENT GMBH**
- 2021359779 **FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.**
- 2021364878 **ANDES AG, INC.**
- 2021366504 **TEL HASHOMER MEDICAL RESEARCH INFRA-STRUCTURE AND SERVICES LTD.**
- 2021369949 **ANI TECHNOLOGIES PRIVATE LIMITED**
- 2021373069 **JUSTRITE MANUFACTURING COMPANY LLC**
- 2021373891 **TAE TECHNOLOGIES, INC.**
- 2021376095 **EQUINOR ENERGY AS**
- 2021376441 **RESMED PTY LTD**
- 2021376528 **CASALE SA**
- 2021376545 **HATCH LTD.**
- 2021377614 **GILEAD SCIENCES, INC.**
- 2021378928 **NITE IZE, INC.**
- 2021379758 **BRANDED ENTERTAINMENT NETWORK, INC.**
- 2021380964 **EXACT SCIENCES PROTEOMICS GMBH**
- 2021381445 **STEINHAUSER, M.K.**
- 2021382154 **ECOSPEC NOVELTECH PTE LTD**
- 2021382802 **TARGUS INTERNATIONAL LLC**
- 2021386287 **CARBONX B.V.**
- 2021386918 **ENI S.P.A.**
- 2021387822 **J&M SHULER MEDICAL INC.**
- 2021388806 **TFI MARINE LIMITED**
- 2021388910 **PHOXBIO LIMITED**
- 2021391064 **HARDT IP B.V.**
- 2021391491 **BAYER AKTIENGESELLSCHAFT**
- 2021391757 **XEROS LIMITED**
- 2021392728 **MILWAUKEE ELECTRIC TOOL CORPORATION**
- 2021400142 **ALPHA TAU MEDICAL LTD.**
- 2021401314 **ELI LILLY AND COMPANY; KeyBioscience SA**
- 2021403642 **E. HAWLE ARMATURENWERKE GMBH**
- 2021404489 **ADB SAFEGATE BV**
- 2021407287 **OTT HYDROMET B.V.**
- 2021409795 **ELI LILLY AND COMPANY**
- 2021409901 **CONSERVATION X LABS, INC.**
- 2021412973 **SUPER MONEY GAMES, INC.**
- 2021414732 **IDEMITSU KOSAN CO.,LTD.**
- 2022219920 **ATTACHE HOLDINGS LLC**