



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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Freedom of Information ACT

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

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

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

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

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

The following Numerical Indices are available:

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

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

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

The indices to use are

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

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

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

'INID' NUMBERS in use on Australian Patent Documents

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

(10) Document identification

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

(20) Document filing data

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

(30) Priority data

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

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

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

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

(50) Technical Information

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

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

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

(70) Identification of parties concerned with the document

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

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

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

NOTE

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

AU-A = Pre-examination

AU-B = Post-examination

- (2) The classification used is the International Patent Classification and is identified by the INID code (51). Further editions of the classification are identified as (51)₂, (51)₃, (51)₄ and (51)₅.
- (3) INID code 74 provides for the name of the patent attorney, or firm of attorneys, prosecuting an application.
- (4) There is a gap in volume numbering of the Australian Official Journal of Patents. The volumes are:
- 1987-2022 Volume 1 - 36
 - 2023 - Volume 57 -

Proceedings under the Patents Act 1990

Provisional Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 11 Jun 2024 .

(71) Abey Australia Pty Ltd (21) 2024901809 (22) 14.06.2024 (54) Improved brick ties	(71) Ausegrow Pty Ltd (21) 2024901852 (22) 18.06.2024 (54) Mushroom cultivating unit and method	(71) Clark, M. (21) 2024901780 (22) 13.06.2024 (54) Insect Net
(71) Abodo Wood Limited; Olthuis, D.; Gudsell, D.; Campbell, B. (21) 2024901838 (22) 17.06.2024 (54) A METHOD OF ENHANCING THE FIRE RESISTANCE OF WOOD	(71) AUSTRALIAN DROID & ROBOT PTY LTD (21) 2024901837 (22) 17.06.2024 (54) AUTONOMOUS VEHICLE CHARGING STATION, SYSTEM AND METHOD	(71) CMTE Development Limited (21) 2024901834 (22) 17.06.2024 (54) Real time failed idler detection system and method
(71) Adenugba, A. (21) 2024901801 (22) 13.06.2024 (54) Smart Knife with Instant Activation of Blade Edge and Integrated Security Features	(71) BAE Systems plc (21) 2024901811 (22) 14.06.2024 (54) Extractor for a Grinder	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2024901857 (22) 18.06.2024 (54) PRODUCTION OF A BILLET USING COLD SPRAY
(71) Akte Therapeutics Pty Ltd (21) 2024901797 (22) 13.06.2024 (54) Therapeutic targeting of PKD1 or PKD2	(71) BELL RIGGING LIFTING & TESTING PTY LTD (21) 2024901828 (22) 17.06.2024 (54) A CONTAINER AND A TIPPING ASSEMBLY FOR THE CONTAINER	(71) Croft, T. (21) 2024901770 (22) 12.06.2024 (54) Utilizing fossil fuels
(71) Albert Donald Grant Pty. Ltd. (21) 2024901781 (22) 13.06.2024 (54) Pallet	(71) Bielby, C. (21) 2024901829 (22) 17.06.2024 (54) Expandable Shed	(71) CSL Innovation Pty Ltd (21) 2024901841 (22) 17.06.2024 (54) Multifunctional FcRn antagonists and uses thereof
(71) Albert Donald Grant Pty. Ltd. (21) 2024901782 (22) 13.06.2024 (54) Pallet	(71) Brazil, N. (21) 2024901814 (22) 14.06.2024 (54) Bed Temperature Regulating System	(71) CSL Innovation Pty Ltd (21) 2024901842 (22) 17.06.2024 (54) Anti-C2 antibodies and uses thereof
(71) Alterca Investments Pty Ltd (trading as IPI Australia) (21) 2024901851 (22) 18.06.2024 (54) Spacing Plate	Campbell, B. see Abodo Wood Limited (21) 2024901838	(71) CYBER FINANCIAL PTY LTD (21) 2024901848 (22) 18.06.2024 (54) Ultra-efficient vertical wind turbine
(71) ARB Corporation Ltd (21) 2024901795 (22) 13.06.2024 (54) Bumper assembly for a vehicle	(71) CASTCOM TECHNOLOGIES PTY LTD (21) 2024901792 (22) 13.06.2024 (54) Smelting of Metal-containing Materials	(71) DARREN TAYLOR (21) 2024901790 (22) 13.06.2024 (54) Progressive core strength muscle development machine
(71) Architectural Window Systems Pty Ltd (21) 2024901832 (22) 17.06.2024 (54) Window assembly	(71) CAVAL, A. (21) 2024901847 (22) 18.06.2024 (54) A SOCK OR STOCKING APPLICATOR	(71) Desertmaster Intellectual Property Pty Ltd (21) 2024901819 (22) 14.06.2024 (54) Panel connection in caravans and recreational vehicles

Provisional Applications Filed - Name Index cont'd

(71) Djordjevic, R. (21) 2024901803 (22) 14.06.2024 (54) Ladies apparel specifically designed for a woman's body type and skin tone	(71) Halton, L. (21) 2024901807 (22) 14.06.2024 (54) A CULTURALLY APPROPRIATE ABORIGINAL AND INDIGENOUS KINSHIP HOUSE	(71) LA FOUNDARY ENTERPRISES PTY LTD (21) 2024901802 (22) 13.06.2024 (54) Method for producing biodegradable mycelium composite foam
(71) eko calm (21) 2024901816 (22) 14.06.2024 (54) eko calm	Hartanto, C. see The University of Melbourne (21) 2024901856	(71) Lee, J. (21) 2024901804 (22) 14.06.2024 (54) Buoyancy Control Device
(71) Elenium Automation Pty Ltd (21) 2024901853 (22) 18.06.2024 (54) Systems and methods for self-service check-in	(71) Hendry, C. (21) 2024901830 (22) 17.06.2024 (54) Casimir Machine	(71) Macrokanis, T. (21) 2024901823 (22) 15.06.2024 (54) Method and System for Adaptive Printing with Artificial Intelligence Assistance and Data Sovereignty
(71) FMXT Pty Ltd (21) 2024901784 (22) 13.06.2024 (54) A core sample tray	(71) Holiday Hardware Pty Ltd (21) 2024901845 (22) 18.06.2024 (54) IMPROVED HARDWARE MOUNTING ADAPTER	(71) McWhirter, N. (21) 2024901786 (22) 13.06.2024 (54) Audio Wedding Time Capsules
(71) Forge Photonics Pty Ltd (21) 2024901822 (22) 14.06.2024 (54) DUAL INTERFEROMETER FIBRE OPTIC GYROSCOPE	(71) HRISSIS, C. (21) 2024901862 (22) 18.06.2024 (54) DRILL ACCESSORY AND DRILL ASSEMBLY	(71) Melenewycz, S. (21) 2024901849 (22) 18.06.2024 (54) VEHICLE AWNING
(71) Fortescue Ltd (21) 2024901820 (22) 14.06.2024 (54) A method of producing green iron	(71) InterK Peptide Therapeutics Limited (21) 2024901759 (22) 12.06.2024 (54) METHODS AND COMPOSITIONS	(71) ModWood Technologies Pty Ltd (21) 2024901798 (22) 13.06.2024 (54) IMPROVED DECKING CLIP AND DECKING ATTACHMENT SYSTEM
(71) Freightquip Pty Ltd (21) 2024901817 (22) 14.06.2024 (54) Freight container	(71) James Cook University; The Flinders University of South Australia (21) 2024901831 (22) 17.06.2024 (54) Method for Producing Graphene	(71) NPE IP PTY LTD (21) 2024901773 (22) 12.06.2024 (54) A WASTE MANAGEMENT APPARATUS AND ASSOCIATED METHOD
(71) Gardner, A. (21) 2024901846 (22) 18.06.2024 (54) Micro-scale model toy.	(71) John McDonald Building Services (21) 2024901769 (22) 12.06.2024 (54) ROOF VENTILATION	(71) NTHALMIC HOLDING PTY LTD (21) 2024901761 (22) 12.06.2024 (54) A Contact Lens for Myopia Management
(71) Grinding Equipment and Reline Support Pty Ltd (21) 2024901799 (22) 13.06.2024 (54) HYDRAULIC CYLINDER ASSEMBLY AND GRABBER ASSEMBLY	(71) Jonlo Engineering Pty Ltd (21) 2024901825 (22) 16.06.2024 (54) Unified Energy Interaction Equation Framework	(71) NTHALMIC HOLDING PTY LTD (21) 2024901763 (22) 12.06.2024 (54) A Multi-Zone Spectacle Lens for Myopia Management
(71) Grinding Equipment and Reline Support Pty Ltd (21) 2024901800 (22) 13.06.2024 (54) GRABBER ASSEMBLY	(71) Jonlo Engineering Pty Ltd (21) 2024901826 (22) 17.06.2024 (54) Design and Synthesise Novel Tetracene Based Covalent Organic Frameworks (COFs)	(71) NTHALMIC HOLDING PTY LTD (21) 2024901764 (22) 12.06.2024 (54) Dynamic Orthokeratology
Gudsell, D. see Abodo Wood Limited (21) 2024901838	(71) Jonlo Engineering Pty Ltd (21) 2024901827 (22) 17.06.2024 (54) Quantum Field Generator	(71) NTHALMIC HOLDING PTY LTD (21) 2024901765 (22) 12.06.2024 (54) On Eye Imaging of Contact Lenses
(71) HALIDON PTY. LTD. (21) 2024901806 (22) 14.06.2024 (54) Improved fence design	(71) KDB INTELLECTUAL PTY LTD (21) 2024901775 (22) 12.06.2024 (54) SECURE ACCESS DOOR	(71) NTHALMIC HOLDING PTY LTD; Zhong Jing Wei Shi (Suzhou) Optical Technology Ltd. (21) 2024901805 (22) 14.06.2024 (54) Air Puff Device to Treat Meibomian Gland Deficiencies
	(71) Keys, M. (21) 2024901854 (22) 18.06.2024 (54) Thermal Battery Energy Storage	

Provisional Applications Filed - Name Index cont'd

(71) O'Neil, A.
 (21) 2024901796 (22) 13.06.2024
 (54) A new method of high dose continuous blockade of GABA modulators applied to stress related disease, Parkinson's disease and Neurodegenerative diseases

Olthuis, D. see Abodo Wood Limited
 (21) 2024901838

(71) Paneerselvam, S.
 (21) 2024901850 (22) 18.06.2024
 (54) A model vehicle

(71) Petpod Pty Ltd
 (21) 2024901833 (22) 17.06.2024
 (54) ANIMAL CARRIER TRANSFER APPARATUS

(71) Phaslo Global Pty Ltd
 (21) 2024901793 (22) 13.06.2024
 (54) Improved Phase Change Formulation

(71) PjL Group Pty Ltd
 (21) 2024901824 (22) 15.06.2024
 (54) ATTACHMENT SYSTEM FOR A GROUND ENGAGING TOOL

(71) POSTUREdome Pty Ltd
 (21) 2024901813 (22) 14.06.2024
 (54) A POSTURE SUPPORTING DEVICE FOR SUPPORTING A PERSON IN A SEATED POSITION

(71) ResMed Pty Ltd
 (21) 2024901757 (22) 11.06.2024
 (54) SELECTION SYSTEMS AND METHODS FOR SELECTING INTRAORAL DEVICES

(71) ResMed Pty Ltd
 (21) 2024901808 (22) 14.06.2024
 (54) An Eye Mask

(71) Roto (Australia) Pty Ltd
 (21) 2024901858 (22) 18.06.2024
 (54) Automated Plant Growing Apparatus

(71) SACUBA PTY LTD
 (21) 2024901836 (22) 17.06.2024
 (54) APPARATUS FOR INTERCONVERTING ROTATIONAL AND NON-ROTATIONAL MOTION

(71) Saluda Medical Pty Limited
 (21) 2024901787 (22) 13.06.2024
 (54) Systems and methods for feed-back-controlled neural stimulation

(71) Sfiligoj, C.
 (21) 2024901810 (22) 14.06.2024
 (54) "Installation, apparatus and method for converting food organics and garden organics (FOGO) into a biological vector for transferring atmospheric carbon (as carbon dioxide) into soil as biological carbon (as microbes and fungi) thereby establishing a sustainable soil fertility".

Signature Orthopaedics Europe Ltd. see Unger, A.
 (21) 2024901762

(71) Sip Ventures Pty Ltd
 (21) 2024901785 (22) 13.06.2024
 (54) LIQUID DISPENSING SYSTEM AND COMPONENTS THEREOF

(71) SKYPORTZ (AUSTRALIA) PTY LTD
 (21) 2024901767 (22) 12.06.2024
 (54) Vertiport for a flying vehicle

(71) SNACKET PTY LTD
 (21) 2024901768 (22) 12.06.2024
 (54) Athletic Pouch

(71) SOLITON HOLDINGS CORPORATION, DELAWARE CORPORATION
 (21) 2024901779 (22) 13.06.2024
 (54) Coiled Prop

(71) Spectainer Pty Ltd
 (21) 2024901766 (22) 12.06.2024
 (54) Trolley and hinge for a collapsible intermodal container

(71) Spectainer Pty Ltd
 (21) 2024901776 (22) 12.06.2024
 (54) Roof and floor lock for intermodal containers

(71) Spectainer Pty Ltd
 (21) 2024901777 (22) 12.06.2024
 (54) Assembly of collapsible intermodal shipping containers

(71) Spectainer Pty Ltd
 (21) 2024901778 (22) 12.06.2024
 (54) Twist lock and locating stub for intermodal containers

(71) Stocks, M.
 (21) 2024901840 (22) 17.06.2024
 (54) FEDERATED ATTRIBUTE BASED ACCESS CONTROL SYSTEM AND METHOD FOR RESTRICTING ACCESS TO ONE OR MORE DATABASES AND THEIR CONTENT USING FEDERATED ENCODING OF SECURITY TOKENS BASED ON A SINGLE ENTERPRISE SECURITY POLICY

(71) Studco Australia Pty Ltd
 (21) 2024901788 (22) 13.06.2024
 (54) APPARATUS FOR CONNECTING TWO STRUCTURES

(71) Tankless Pty Ltd
 (21) 2024901818 (22) 14.06.2024
 (54) WATER HOLDING SYSTEM

The Flinders University of South Australia see James Cook University
 (21) 2024901831

(71) The University of Melbourne
 (21) 2024901760 (22) 12.06.2024
 (54) Antigen-binding molecules and uses thereof

(71) The University of Melbourne
 (21) 2024901855 (22) 18.06.2024
 (54) COMPOUNDS AND USES THEREOF

(71) The University of Melbourne; Hartanto, C.
 (21) 2024901856 (22) 18.06.2024
 (54) COMPOUNDS AND USES THEREOF

(71) The University of Sydney
 (21) 2024901754 (22) 11.06.2024
 (54) Platform for gene editing in plants

(71) The University of Sydney
 (21) 2024901771 (22) 12.06.2024
 (54) Additive manufacturing method and system

(71) The University of Sydney
 (21) 2024901772 (22) 12.06.2024
 (54) Method of material analysis and manufacturing

(71) TMA Group
 (21) 2024901812 (22) 14.06.2024
 (54) Perforated VF 15 Degree Retail Display Tray

Provisional Applications Filed - Name Index cont'd

(71) Unger, A.; Signature Orthopaedics Europe Ltd.

(21) 2024901762 (22) 12.06.2024

(54) Improved Liner for Hip Implants to Address Hip Instability and Dislocation

Zhong Jing Wei Shi (Suzhou) Optical Technology Ltd. see NTHALMIC HOLDING PTY LTD

(21) 2024901805

(71) Unique MVP Pty Ltd

(21) 2024901774 (22) 12.06.2024

(54) System for capturing sports video data

(71) University, M.

(21) 2024901821 (22) 14.06.2024

(54) Cyclic peptidomimetics as MC5R agonists

(71) University of Technology Sydney

(21) 2024901789 (22) 13.06.2024

(54) Method of vaccine prototyping

(71) Vucic, P.

(21) 2024901844 (22) 17.06.2024

(54) Therapeutic devices designed for delivering hot and cold therapies to various parts of the body.

(71) WABI SYSTEMS PTY LTD

(21) 2024901783 (22) 13.06.2024

(54) Panel Construction Machine

(71) WEIR MINERALS AUSTRALIA LTD

(21) 2024901815 (22) 14.06.2024

(54) FRONT SIDE PART FOR A CENTRIFUGAL SLURRY PUMP

(71) White, M.

(21) 2024901843 (22) 17.06.2024

(54) Future Tech Device Creating Connections Through Alternative Mechanism

(71) Wynergy Developments Pty Ltd

(21) 2024901835 (22) 17.06.2024

(54) Driven Ground Pile

(71) Xero Limited

(21) 2024901751 (22) 11.06.2024

(54) Automated Selection of Processing Functions in Response to User Message

(71) Xero Limited

(21) 2024901753 (22) 11.06.2024

(54) Apparatus, program, and computer-implemented method for automated processing of natural language instructions

(71) Zeotech Limited

(21) 2024901794 (22) 13.06.2024

(54) Zeolites for methane control

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2024901751	Xero Limited	2024901822	Forge Photonics Pty Ltd
2024901753	Xero Limited	2024901823	Macrokanis, T.
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2024901759	InterK Peptide Therapeutics Limited	2024901826	Jonlo Engineering Pty Ltd
2024901760	The University of Melbourne	2024901827	Jonlo Engineering Pty Ltd
2024901761	NTHALMIC HOLDING PTY LTD	2024901828	BELL RIGGING LIFTING & TESTING PTY LTD
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2024901763	NTHALMIC HOLDING PTY LTD	2024901830	Hendry, C.
2024901764	NTHALMIC HOLDING PTY LTD	2024901831	James Cook University; The Flinders University of South Australia
2024901765	NTHALMIC HOLDING PTY LTD	2024901832	Architectural Window Systems Pty Ltd
2024901766	Spectainer Pty Ltd	2024901833	Petpod Pty Ltd
2024901767	SKYPORTZ (AUSTRALIA) PTY LTD	2024901834	CMTE Development Limited
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2024901769	John McDonald Building Services	2024901836	SACUBA PTY LTD
2024901770	Croft, T.	2024901837	AUSTRALIAN DROID & ROBOT PTY LTD
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2024901772	The University of Sydney	2024901840	Stocks, M.
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2024901776	Spectainer Pty Ltd	2024901844	Vucic, P.
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2024901779	SOLITON HOLDINGS CORPORATION, DELAWARE CORPORATION	2024901847	CAVAL, A.
2024901780	Clark, M.	2024901848	CYBER FINANCIAL PTY LTD
2024901781	Albert Donald Grant Pty. Ltd.	2024901849	Melenewycz, S.
2024901782	Albert Donald Grant Pty. Ltd.	2024901850	Paneerselvam, S.
2024901783	WABI SYSTEMS PTY LTD	2024901851	Alterca Investments Pty Ltd (trading as IPI Australia)
2024901784	FMXT Pty Ltd	2024901852	Ausegrow Pty Ltd
2024901785	Sip Ventures Pty Ltd	2024901853	Elenium Automation Pty Ltd
2024901786	McWhirter, N.	2024901854	Keys, M.
2024901787	Saluda Medical Pty Limited	2024901855	The University of Melbourne
2024901788	Studco Australia Pty Ltd	2024901856	The University of Melbourne; Hartanto, C.
2024901789	University of Technology Sydney	2024901857	Commonwealth Scientific and Industrial Research Organisation
2024901790	DARREN TAYLOR	2024901858	Roto (Australia) Pty Ltd
2024901792	CASTCOM TECHNOLOGIES PTY LTD	2024901862	HRISSIS, C.
2024901793	Phaslo Global Pty Ltd		
2024901794	Zeotech Limited		
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2024901796	O'Neil, A.		
2024901797	Akte Therapeutics Pty Ltd		
2024901798	ModWood Technologies Pty Ltd		
2024901799	Grinding Equipment and Reline Support Pty Ltd		
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2024901801	Adenugba, A.		
2024901802	LA FOUNDRY ENTERPRISES PTY LTD		
2024901803	Djordjevic, R.		
2024901804	Lee, J.		
2024901805	NTHALMIC HOLDING PTY LTD; Zhong Jing Wei Shi (Suzhou) Optical Technology Ltd.		
2024901806	HALIDON PTY. LTD.		
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2024901808	ResMed Pty Ltd		
2024901809	Abey Australia Pty Ltd		
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2024901811	BAE Systems plc		
2024901812	TMA Group		
2024901813	POSTUREdome Pty Ltd		
2024901814	Brazil, N.		
2024901815	WEIR MINERALS AUSTRALIA LTD		
2024901816	eko calm		
2024901817	Freightquip Pty Ltd		
2024901818	Tankless Pty Ltd		
2024901819	Desertmaster Intellectual Property Pty Ltd		
2024901820	Fortescue Ltd		
2024901821	University, M.		

Complete Applications Filed

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Applications listed below were processed through the Patent Office Canberra during the period ending 11 Jun 2024 .

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

(71) 4WEB, INC. (21) 2024204010 (22) 13.06.2024 (54) Implants having bone growth promoting agents contained within biodegradable materials	(71) ALSTOM Holdings (21) 2024203981 (22) 12.06.2024 (54) System and method for distributing auxiliary power to loads onboard of a train, and train comprising such a system	FOR ENABLING ROBUST EVENT RECORDAL
(71) 4WEB, INC. (21) 2024204047 (22) 14.06.2024 (54) Implants having bone growth promoting agents contained within biodegradable materials	(71) Anago Limited (21) 2024204139 (22) 18.06.2024 (54) A Blade Sharpness Testing Device	(71) Asbestos Reports Australia Pty Limited (21) 2024204033 (22) 13.06.2024 (54) GENERATION AND SHARING OF SECURE DATA RECORDS FOR POINT-IN-TIME VERIFICATION OF IDENTITY THEREBY TO ENABLE SECURE EXECUTION OF DOCUMENTS, SECURE DOCUMENT EXECUTION PROCESS THAT PROCESSES DATA OBTAINED VIA EXTERNAL USER VERIFICATION PROCESS WHICH GENERATES UNIQUE CHECK-IN EVENT DATA
(71) ABUS August Bremicker Söhne KG (21) 2024203970 (22) 12.06.2024 (54) ELECTRONIC FRAME LOCK	(71) Angel Group Co., Ltd. (21) 2024204038 (22) 14.06.2024 (54) MANAGEMENT SYSTEM	(71) Asbestos Reports Australia Pty Limited (21) 2024204034 (22) 13.06.2024 (54) GENERATION AND SHARING OF SECURE DATA RECORDS FOR POINT-IN-TIME VERIFICATION OF IDENTITY AND LOCATION, INCLUDING FOR ENABLING ROBUST IDENTITY EXCHANGE, PROCESS FOR ROBUST IDENTITY EXCHANGE VIA EXTERNAL USER VERIFICATION PROCESS WHICH GENERATES UNIQUE CHECK-IN EVENT DATA
(71) AFT Pharmaceuticals Limited (21) 2024203971 (22) 12.06.2024 (54) Vancomycin Eye Drops	(71) Angel Group Co., Ltd. (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	(71) ASSA ABLOY Australia Pty Limited (21) 2024204141 (22) 18.06.2024 (54) IMPROVED LOCK ASSEMBLY HAVING HUB DETECTION
(71) Air Products and Chemicals, Inc. (21) 2024204046 (22) 14.06.2024 (54) APPARATUS AND PROCESS FOR REMOVAL OF HEAVY HYDROCARBONS FROM A FEED GAS	(71) Applied Medical Resources Corporation (21) 2024203993 (22) 12.06.2024 (54) Surgical training model for laparoscopic procedures	(71) Avalyn Pharma Inc. (21) 2024203957 (22) 11.06.2024 (54) Aerosol tyrosine kinase inhibitor compounds and uses thereof
Alexion Pharmaceuticals, Inc. see Institut National de la Sante et de la Recherche Medicale (21) 2024204130	(71) ARCHTIS LIMITED (21) 2024204124 (22) 18.06.2024 (54) A system and a method for the management of the release of sensitive information to approved parties	(71) Bambino Prezioso Switzerland AG (21) 2024204028 (22) 13.06.2024 (54) CARRYCOT, CARRYCOT STRUCTURE AND CHILD CARRIER
(71) Alkahest Inc. (21) 2024204133 (22) 18.06.2024 (54) Methods and Compositions for Treating Retina-Associated Disease Using CCR3-Inhibitors	(71) Aristocrat Technologies Australia Pty Limited (21) 2024204080 (22) 14.06.2024 (54) ELECTRONIC GAMING SYSTEM FOR AWARDED MULTIPLE OF WAGER AND METHOD OF USE	(71) Becton, Dickinson and Company (21) 2024204051 (22) 14.06.2024 (54) Extension housing a probe or intravenous catheter
(71) Almendra Pte. Ltd. (21) 2024204097 (22) 17.06.2024 (54) Taste modulator composition, beverage and flavoring composition thereof	(71) Asbestos Reports Australia Pty Limited (21) 2024204032 (22) 13.06.2024 (54) GENERATION AND SHARING OF SECURE DATA RECORDS FOR POINT-IN-TIME VERIFICATION OF IDENTITY AND LOCATION, INCLUDING	(71) Becton, Dickinson and Company (21) 2024204132 (22) 18.06.2024 (54) Biological fluid micro-sample management device

Complete Applications Filed - Name Index cont'd

(71) Bios-Therapy, Physiological Systems for Health S.p.A. (21) 2024204105 (22) 17.06.2024 (54) METHODS FOR DETERMINING WHEN A NATURAL THERAPEUTIC OR BENEFICIAL PRODUCT EXERTS ITS THERAPEUTIC OR BENEFICIAL EFFECT THROUGH A PHYSIOLOGICAL MODE OF ACTION	(71) Canva Pty Ltd (21) 2024204101 (22) 17.06.2024 (54) Systems and methods for implementing a blur visual effect	(54) FORMWORK SYSTEM
(71) BLANCO GmbH + Co KG (21) 2024204074 (22) 14.06.2024 (54) Sanitary Fitting And Method For Dispensing A Liquid Using A Sanitary Fitting	(71) Canva Pty Ltd (21) 2024204114 (22) 17.06.2024 (54) Methods and systems for preserving image features during image editing	(71) Cybin IRL Limited (21) 2024203974 (22) 12.06.2024 (54) Deuterated tryptamine derivatives and methods of use
(71) Boehringer Ingelheim International GmbH (21) 2024203978 (22) 12.06.2024 (54) Methods of treating inflammatory diseases	(71) Caterpillar Global Mining Equipment LLC (21) 2024204071 (22) 14.06.2024 (54) SYSTEM AND METHOD FOR POSITIONING OR REMOVING PIN	(71) DAIKIN INDUSTRIES, LTD. (21) 2024204006 (22) 13.06.2024 (54) Ventilation device and air-conditioning system
(71) Boston Scientific Scimed, Inc. (21) 2024204116 (22) 17.06.2024 (54) Tissue traction devices, systems, and methods	(71) Caterpillar Global Mining Equipment LLC (21) 2024204075 (22) 14.06.2024 (54) HOOD FOR A DRILLING SYSTEM AND METHOD FOR MAINTAINING A HOOD OF A DRILLING SYSTEM	Danstar Ferment AG see Institut National D'etudes Supérieures Agronomiques de Montpellier (Montpellier SupAgro) (21) 2024204077
(71) Britax Romer Kindersicherheit GmbH (21) 2024204155 (22) 18.06.2024 (54) Child Safety Seat with Headrest Height Adjustment Mechanism	(71) CATERPILLAR PAVING PRODUCTS INC. (21) 2024204073 (22) 14.06.2024 (54) SHUTTLE SHIFT BASED DIRECTION CHANGES FOR A WORK MACHINE	(71) Dematic Corp. (21) 2024204143 (22) 18.06.2024 (54) Multiple temperature automated storage system and method
(71) Burwood Shutters Pty Ltd (21) 2024204104 (22) 17.06.2024 (54) CrystalView Hook Insert - So that the same extruded aluminium locking bar can be used as a standard or reverse lock.	(71) Chevron U.S.A Inc. (21) 2024204017 (22) 13.06.2024 (54) Wellhead fatigue prediction via interpolation using clustered machine learning models and extrapolation using cluster centers	(71) Dent Guard IP Pty Ltd (21) 2024204087 (22) 14.06.2024 (54) Removable vehicle panel guard device
(71) Bushnell Inc. (21) 2024203958 (22) 11.06.2024 (54) Local connected networks for outdoor activities	(71) CMBlu Energy AG (21) 2024204002 (22) 13.06.2024 (54) Aminated lignin-derived compounds and uses thereof	(71) DIGIPAL SOLUTIONS ISRAEL LTD. (21) 2024204153 (22) 18.06.2024 (54) Nestable Pallet with Improved Racking and Conveyor Performance
(71) BWFC Group Holdings Pty Ltd (21) 2024203975 (22) 12.06.2024 (54) Positive Camber Adjustment Adapter for Vehicle Suspension Systems	(71) Coulter Ventures, LLC (21) 2024204081 (22) 14.06.2024 (54) BARBELL	Disney Enterprises, Inc. see ETH Zürich (Eidgenössische Technische Hochschule Zürich) (21) 2024204025
(71) CAAMTECH, INC. (21) 2024204128 (22) 18.06.2024 (54) Crystalline bufotenidine compounds	(71) Cripps Clark, J. see Cripps Clark, J. (21) 2024204058 (71) Cripps Clark, J.; Cripps Clark, J. (21) 2024204058 (22) 14.06.2024 (54) FlagMkTectiface is a block chain distributed peer-to-peer device system for managing legally accountable diverse information services and wide area sensor data with multiple accountabilities in trans and multi jurisdiction complex scenarios with potential involvement of partners/sponsors.	(71) Dottac Pty Ltd (21) 2024204054 (22) 14.06.2024 (54) A Tactile Indicator
(71) CAAMTECH, INC. (21) 2024204129 (22) 18.06.2024 (54) Crystalline 5-methoxy-dipropyl tryptamine compounds	(71) CSR Building Products Limited (21) 2024204072 (22) 14.06.2024	(71) Dyno Nobel Asia Pacific Pty Limited (21) 2024203979 (22) 12.06.2024 (54) Explosive compositions for use in reactive ground and related methods
		(71) Ecolab USA Inc. (21) 2024204079 (22) 14.06.2024 (54) Dry lubricator for plastic and stainless steel surfaces
		(71) Eidos Therapeutics, Inc. (21) 2024204057 (22) 14.06.2024 (54) Processes for preparing AG-10, its intermediates, and salts thereof
		(71) Endotronix, Inc. (21) 2024204109 (22) 17.06.2024 (54) PHYSIOLOGICAL MONITORING SYSTEM

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(71) ENERGERA INC.
(21) 2024204120 (22) 17.06.2024
(54) Fuel delivery system and method

(71) Energy Flex Pty Ltd
(21) 2024204123 (22) 18.06.2024
(54) Methods and systems to calculate a scale-free non-dimensional figure of merit for energy use within an electricity market

(71) enVveno Medical Corporation
(21) 2024204050 (22) 14.06.2024
(54) Implantable vein frame

(71) EpinovaTech AB
(21) 2024204149 (22) 18.06.2024
(54) A MONOLITHIC MICROWAVE INTEGRATED CIRCUIT FRONT-END MODULE

(71) Equifax Inc.
(21) 2024204085 (22) 14.06.2024
(54) Facilitating entity resolution, keying, and search match without transmitting personally identifiable information in the clear

(71) Essity Hygiene and Health Aktiebolag
(21) 2024204011 (22) 13.06.2024
(54) Waste bin and method of servicing the same

(71) ETH Zürich (Eidgenössische Technische Hochschule Zürich); Disney Enterprises, Inc.
(21) 2024204025 (22) 13.06.2024
(54) Techniques for re-aging faces in images and video frames

(71) ETS Technology Holdings LLC
(21) 2024204076 (22) 14.06.2024
(54) PROTECTIVE PACKAGING STRUCTURE FOR COMPRESSIBLE MATERIALS

(71) EUROAPI Hungary Limited Liability Company
(21) 2024204020 (22) 13.06.2024
(54) Process for the preparation of iloprost

(71) EVO Inventions LLC
(21) 2024203984 (22) 12.06.2024
(54) Collapsible adjustable height table

ExxonMobil Technology and Engineering Company see FuelCell Energy, Inc.
(21) 2024204016

(71) Fellowship of Orthopaedic Researchers, Inc.; Gomboc, LLC
(21) 2024204099 (22) 17.06.2024
(54) Magnetic devices for altering loading across joints

(71) FIERI ANALYTICS INC.
(21) 2024204142 (22) 18.06.2024
(54) DEEP NEURAL NETWORK-BASED SYSTEM FOR DETECTION AND CLASSIFICATION OF CONSTRUCTION ELEMENTS IN CONSTRUCTION ENGINEERING DRAWINGS

(71) Fisher & Paykel Healthcare Limited
(21) 2024204001 (22) 13.06.2024
(54) INTRA-MOULD SUBSTRATE

(71) Fisher & Paykel Healthcare Limited
(21) 2024204055 (22) 14.06.2024
(54) LID CONSTRUCTION FOR BREATHING APPARATUS

(71) FISHER & PAYKEL HEALTHCARE LIMITED
(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

(71) Fisher & Paykel Healthcare Limited
(21) 2024204061 (22) 14.06.2024
(54) PRESSURE RANGE ADJUSTMENT FOR RESPIRATORY THERAPY DEVICE

(71) Flagship Pioneering, Inc.
(21) 2024203956 (22) 11.06.2024
(54) Methods and compositions for modulating gene expression

(71) Fresenius Kabi USA, LLC
(21) 2024203977 (22) 12.06.2024
(54) Automatic configuration for infusion system

(71) Fresenius Medical Care Holdings, Inc.
(21) 2024204014 (22) 13.06.2024
(54) Systems and methods for determining patient hospitalization risk and treating patients

(71) FuelCell Energy, Inc.; ExxonMobil Technology and Engineering Company
(21) 2024204016 (22) 13.06.2024
(54) FUEL CELL MODULE ASSEMBLY AND SYSTEMS USING SAME

(71) Fungy Conditionnement et Commercialisation
(21) 2024204115 (22) 17.06.2024
(54) Mushroom conveying and packaging

(71) Future Meat Technologies Ltd.; Yissum Research Development Company of the Hebrew University of Jerusalem Ltd.
(21) 2024204088 (22) 14.06.2024
(54) Utilization of plant protein homologues in culture media

(71) Future Science Research Inc.
(21) 2024204044 (22) 14.06.2024
(54) Environmental impact management device

(71) GE Energy Power Conversion Technology Limited
(21) 2024203994 (22) 13.06.2024
(54) POWER SUPPLY SYSTEM FOR A PLURALITY OF ELECTROLYZERS AND ASSOCIATED FACILITY AND METHOD

(71) Gen-Probe Incorporated
(21) 2024204112 (22) 17.06.2024
(54) Method of isolating nucleic acid from specimens in liquid-based cytology preservatives containing formaldehyde

(71) Genzyme Corporation
(21) 2024204136 (22) 18.06.2024
(54) Methods and compositions for treating a bleeding event in a subject having hemophilia

(71) Geomni, Inc.
(21) 2024204049 (22) 14.06.2024
(54) Systems and methods for rapid alignment of digital imagery datasets to models of structures

(71) Globeride, Inc.
(21) 2024204053 (22) 14.06.2024
(54) REEL SEAT

Gomboc, LLC see Fellowship of Orthopaedic Researchers, Inc.
(21) 2024204099

(71) Google LLC
(21) 2024204009 (22) 13.06.2024
(54) COLLABORATIVE SEARCH SESSIONS THROUGH AN AUTOMATED ASSISTANT

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(71) Gozney Group Limited
(21) 2024203987 (22) 12.06.2024
(54) Open-flame oven

(71) Half Moon Medical, Inc.
(21) 2024204015 (22) 13.06.2024
(54) Prosthetic leaflet device

(71) HiODZ Limited
(21) 2024204118 (22) 17.06.2024
(54) System for Collaborative Transactions

(71) Holloway, B.
(21) 2024204119 (22) 17.06.2024
(54) Ice Pack Wrap - Child friendly, versatile, cold and warm therapy adjustable wrap.

(71) IGT
(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

(71) IGT
(21) 2024204122 (22) 18.06.2024
(54) SYSTEM AND METHOD FOR MANAGING PLAYER ACCOUNT ACCESS USING MULTIPLE DEVICES

(71) ImmunityBio, Inc.
(21) 2024204065 (22) 14.06.2024
(54) A quadricistronic system comprising a homing receptor or a cytokine, and chimeric antigen receptor for genetic modification of immunotherapies

(71) Innovator Energy, LLC
(21) 2024204078 (22) 14.06.2024
(54) Fluid Displacement Systems

(71) INOSYSTEMS
(21) 2024204093 (22) 17.06.2024
(54) DISPLAYING A MAINTENANCE REMINDER ON AN APPARATUS FOR SUPPLYING MEDICAL NITRIC OXIDE

(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
(21) 2024204077 (22) 14.06.2024
(54) Compositions comprising yeast cells and polyphenols and their use

(71) Institut National de la Sante et de la Recherche Medicale; Alexion Pharmaceuticals, Inc.
(21) 2024204130 (22) 18.06.2024
(54) Methods for treating diseases associated with ciliopathies

Institut national de recherche pour l'agriculture, l'alimentation et l'environnement see Institut National D'etudes Supérieures Agronomiques de Montpellier (Montpellier SupAgro)
(21) 2024204077

(71) Integrated DNA Technologies, Inc.
(21) 2024204029 (22) 13.06.2024
(54) CRISPR/Cpf1 systems and methods

(71) Intelligent Robotics Pty Ltd
(21) 2024204023 (22) 13.06.2024
(54) An Automated System for Orienting a Meat Carcass for Subsequent Processing and an Associated Method

(71) International Business Machines Corporation
(21) 2024204082 (22) 14.06.2024
(54) Quantum device facilitating a cross-resonance operation in a dispersive regime

(71) International Business Machines Corporation
(21) 2024204083 (22) 14.06.2024
(54) Current biased tunable qubit

(71) i-SENS, Inc.
(21) 2024204000 (22) 13.06.2024
(54) METHOD FOR CALIBRATING SENSITIVITY FOR GLUCOSE MEASUREMENT

(71) Janssen Biotech, Inc.; Tufts Medical Center, Inc.
(21) 2024204056 (22) 14.06.2024
(54) Anti-CD38 antibodies for treatment of light chain amyloidosis and other CD38-positive hematological malignancies

(71) JAPAN AVIATION ELECTRONICS INDUSTRY, LIMITED; TOKYO INSTITUTE OF TECHNOLOGY
(21) 2024204043 (22) 14.06.2024
(54) Quantum collimation method for atomic beam, quantum collimator for atomic beam, atomic interferometer, and atomic gyroscope

(71) JIANGMEN CITY SHENGDA LIGHTING CO., LTD.
(21) 2024204042 (22) 14.06.2024

(54) LIGHT BODY CONNECTING STRUCTURE, LAMPSHADE, LIGHT BODY, LIGHT GROUP, AND ASSEMBLING METHOD OF LIGHT GROUP

(71) KACHE MEDIA HOLDINGS PTY LTD
(21) 2024204091 (22) 14.06.2024
(54) METHOD AND SYSTEM FOR GENERATING A DIGITAL SPECIFICATION SHEET

(71) King Furniture Australia Pty Ltd
(21) 2024204096 (22) 17.06.2024
(54) Reconfigurable rest for a sofa

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

(71) Lastek Pty Ltd
(21) 2024204030 (22) 13.06.2024
(54) Method of Q-Switching a Waveguide Laser

(71) LG Electronics Inc.
(21) 2024204040 (22) 14.06.2024
(54) ANTENNA MODULE IMPLEMENTED IN MULTI-LAYER PACKAGE AND ELECTRONIC DEVICE COMPRISING THE SAME

(71) LG Electronics Inc.
(21) 2024204090 (22) 14.06.2024
(54) Clothes treatment apparatus

(71) LG Electronics Inc.
(21) 2024204100 (22) 17.06.2024
(54) IMAGE DECODING METHOD USING BDPCM AND APPARATUS THEREOF

(71) LOCKHEED MARTIN CORPORATION
(21) 2024204022 (22) 13.06.2024
(54) AUTOMATED TEMPORARY FASTENER ACTUATION APPARATUS AND SYSTEM

(71) Lone Gull Holdings, Ltd.
(21) 2024203973 (22) 12.06.2024
(54) Self-powered computing buoy

(71) Lumiphore, Inc.
(21) 2024203967 (22) 11.06.2024
(54) Macrocyclic ligands with pendant chelating moieties and complexes thereof

(71) MannKind Corporation
(21) 2024204126 (22) 18.06.2024

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(54) Apparatus, system and method for detecting and monitoring inhalations

(71) MARCHON EYEWEAR, INC.
(21) 2024204070 (22) 14.06.2024
(54) EYEWEAR LENS COUPLING MECHANISM AND RELATED METHODS

(71) MasterCard International Incorporated
(21) 2024204110 (22) 17.06.2024
(54) Method and system for improved transaction processing and routing

(71) MASTERCARD INTERNATIONAL INCORPORATED
(21) 2024204103 (22) 17.06.2024
(54) Method and system for cardless ATM transaction via mobile device

(71) MatSing, Inc.
(21) 2024204086 (22) 14.06.2024
(54) Anisotropic lenses for remote parameter adjustment

(71) MAX CO., LTD.
(21) 2024204018 (22) 13.06.2024
(54) MOTOR AND BINDING MACHINE

(71) McCormack, R.
(21) 2024204052 (22) 14.06.2024
(54) Dispensing Regulator Valve

(71) McWhirter, N.
(21) 2024204026 (22) 13.06.2024
(54) Chronos Audio Time Capsule

(71) Metso Brasil Indústria e Comércio Ltda.
(21) 2024203986 (22) 12.06.2024
(54) A VIBRATING SCREEN

(71) Mitsubishi Tanabe Pharma Corporation
(21) 2024203990 (22) 12.06.2024
(54) Prophylactic or therapeutic agent for photodermatitis

(71) Mitsubishi Tanabe Pharma Corporation
(21) 2024203992 (22) 12.06.2024
(54) Prophylactic or therapeutic agent for porphyria

(71) MonoSol, LLC
(21) 2024204084 (22) 14.06.2024
(54) Multilayer water-dispersible articles

(71) MPO, Inc.
(21) 2024204031 (22) 13.06.2024
(54) Egg, fertilized egg, or embryo quality improving agent

(71) Muffett, R.
(21) 2024204036 (22) 13.06.2024
(54) Absorption of Atmospheric Carbon Dioxide

(71) NANOGRID LIMITED. (HK)
(21) 2024203997 (22) 13.06.2024
(54) SYSTEMS AND METHODS FOR CONNECTING AND CONTROLLING CONFIGURABLE LIGHTING UNITS

(71) Newman, A.
(21) 2024203983 (22) 12.06.2024
(54) Farming apparatus

(71) Nooter/Eriksen, Inc.
(21) 2024204150 (22) 18.06.2024
(54) Improved omega-3 containing compositions

(71) Novo Nordisk A/S
(21) 2024204151 (22) 18.06.2024
(54) GLP-1 compositions and uses thereof

(71) Nuseed Global Innovation Ltd.
(21) 2024204021 (22) 13.06.2024
(54) Methods of agricultural production of Brassica carinata oilseed crop

(71) ORTHOPEDIATRICS, CORP.
(21) 2024204019 (22) 13.06.2024
(54) A CLUSTER DEROTATION ASSEMBLY, INSTRUMENT, AND METHODS OF DOING THE SAME

(71) PepsiCo, Inc.
(21) 2024204067 (22) 14.06.2024
(54) Compositions and methods for improving taste of non-nutritive sweeteners

(71) PipeFusion CIPP Corporation
(21) 2024204145 (22) 18.06.2024
(54) CURABLE COMPOSITION FOR CURED IN PLACE PIPES

(71) Progressive IP Limited
(21) 2024203980 (22) 12.06.2024
(54) Improvements In and Relating to Blade and Powered Accessory Attachments

(71) Prometheus Therapeutics Inc.
(21) 2024203999 (22) 13.06.2024
(54) DEVICES FOR REPAIR OF A SELECTED BLOOD VESSEL OR PART THEREOF AND RAPID HEALING OF INJURED INTERNAL BODY CAVITY WALLS

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

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

(71) Reschke, D.
(21) 2024204037 (22) 13.06.2024
(54) Product Authentication Code

ResMed Asia Pacific Limited see ResMed Pty Ltd
(21) 2024204066

(71) ResMed Pty Ltd; ResMed Asia Pacific Limited; ResMed Sensor Technologies Limited
(21) 2024204066 (22) 14.06.2024
(54) FEEDBACK FOR SLEEP CONDITIONS

ResMed Sensor Technologies Limited see ResMed Pty Ltd
(21) 2024204066

(71) Rite-Hite Holding Corporation
(21) 2024203964 (22) 11.06.2024
(54) Air Barrier Systems For Data Center Zone Containment

(71) River Stone Biotech Inc.
(21) 2024204063 (22) 14.06.2024
(54) Demethylation Of Reticuline And Derivatives Thereof With Fungal Cytochrome P450

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

(71) S.M.A.I.O.
(21) 2024203996 (22) 13.06.2024
(54) Sacral fixation system and assembly comprising such a system

(71) Sagemcom Energy & Telecom SAS
(21) 2024203995 (22) 13.06.2024
(54) Flow rate measurement by amplitude difference

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

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(71) Sambastian, A.
 (21) 2024203998 (22) 13.06.2024
 (54) IMPROVED HANDLE FOR A PREPARATION CONTAINER, AND PREPARATION CONTAINER INCORPORATING SAME

(71) Sanofi Biotechnology
 (21) 2024204004 (22) 13.06.2024
 (54) Humanized Anti-IL-1R3 antibodies

(71) Sap Products Limited
 (21) 2024204041 (22) 14.06.2024
 (54) A Hand Cart

(71) SAP SE
 (21) 2024204134 (22) 18.06.2024
 (54) Cloud database storage system

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

(71) SeeCure Taiwan Co., Ltd.
 (21) 2024204135 (22) 18.06.2024
 (54) DRUG CONJUGATE, PHARMACEUTICAL COMPOSITION AND METHOD OF TREATING HEPATITIS

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

(71) Shopify Inc
 (21) 2024204095 (22) 17.06.2024
 (54) CLASSIFICATION USING A GRAMMAR-CONSTRAINED GENERATIVE LANGUAGE MODEL

(71) Shopify Inc
 (21) 2024204098 (22) 17.06.2024
 (54) DESCRIBING ATTRIBUTES OF AN INPUT USING A GRAMMAR-CONSTRAINED GENERATIVE LANGUAGE MODEL

(71) Shoulder Innovations, Inc.
 (21) 2024203972 (22) 12.06.2024
 (54) CONVERTIBLE TOTAL SHOULDER PROSTHESIS

(71) Sicona Battery Technologies Pty Ltd
 (21) 2024204111 (22) 17.06.2024
 (54) Dispersible edge functionalised graphene platelets

(71) Sleepme Inc.
 (21) 2024204146 (22) 18.06.2024
 (54) Stress Reduction And Sleep Promotion System

(71) Smart EV Solutions Pty Ltd
 (21) 2024204008 (22) 13.06.2024
 (54) A Power Supply Metering System and Method

(71) Snap-On Incorporated
 (21) 2024204144 (22) 18.06.2024
 (54) Controlling brushless motor commutation

(71) SNIPR Biome ApS.
 (21) 2024204060 (22) 14.06.2024
 (54) Treating & preventing microbial infections

(71) STEPHENS, M.
 (21) 2024204035 (22) 13.06.2024
 (54) LATCH ASSEMBLY INCLUDING MAGNETIC ACTUATION

(71) Stereotyped Pty Ltd
 (21) 2024203976 (22) 12.06.2024
 (54) A SIZING AND FITTING SYSTEM AND METHOD OF USE THEREOF

(71) Stiles, I.
 (21) 2024204024 (22) 13.06.2024
 (54) WHEELIE BIN LATCH ASSEMBLY

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

(71) Swell Energy Inc.
 (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

(71) SynDevRx, Inc.
 (21) 2024204027 (22) 13.06.2024
 (54) Treatment for tumors driven by metabolic dysfunction

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 (21) 2024204113

(71) Techtronic Cordless GP
 (21) 2024204148 (22) 18.06.2024
 (54) Positive electrode material for lithium-ion batteries

(71) Telefonaktiebolaget LM Ericsson (publ)
 (21) 2024204005 (22) 13.06.2024
 (54) Handling communication

(71) Tencent America LLC
 (21) 2024203985 (22) 12.06.2024
 (54) SIGNALING OF CODING TOOLS FOR ENCODING A VIDEO COMPONENT AS MONOCHROME VIDEO

(71) Tencent America LLC
 (21) 2024204007 (22) 13.06.2024
 (54) METHOD FOR WRAP AROUND MOTION COMPENSATION WITH REFERENCE PICTURE RESAMPLING

(71) Tencent America LLC
 (21) 2024204059 (22) 14.06.2024
 (54) METHOD FOR SIGNALING OUTPUT LAYER SET WITH SUB-PICTURE

(71) Tencent America LLC
 (21) 2024204068 (22) 14.06.2024
 (54) SIGNALING OF INTER LAYER PREDICTION IN VIDEO BITSTREAM

(71) The Boeing Company
 (21) 2024203989 (22) 12.06.2024
 (54) Intelligent monitoring and evaluation of crew communication

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 (21) 2024204043

(71) Tompkins Robotics, Inc.
 (21) 2024204013 (22) 13.06.2024
 (54) SEQUENCING PARCEL SORTER

(71) Tramec Sloan, LLC
 (21) 2024204045 (22) 14.06.2024
 (54) Hydraulic securement device

(71) Trelleborg Perth Pty Ltd
 (21) 2024203991 (22) 12.06.2024
 (54) Mounting of liners in apparatus

(71) Trina Solar Co., Ltd.
 (21) 2024203959 (22) 11.06.2024
 (54) Solar cell and preparation method thereof, photovoltaic module, and photovoltaic system

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(21) 2024204056

(71) TYCO ELECTRONICS - SIMEL

(21) 2024204094 (22) 17.06.2024

(54) Mechanical connector for connecting an electrical cable

(71) Urovant Sciences GmbH

(21) 2024204108 (22) 17.06.2024

(54) Dosing of vibegron for treatment of overactive bladder

(71) Viavi Solutions Inc.

(21) 2024204062 (22) 14.06.2024

(54) Multispectral Sensor Response Balancing

(71) VIDEO GAMING TECHNOLOGIES, INC.

(21) 2024204012 (22) 13.06.2024

(54) A GAMING MACHINE

(71) Wemade Co., Ltd.

(21) 2024204089 (22) 14.06.2024

(54) METHOD FOR PROVIDING STABLE-COIN SERVICES OVER THE BLOCKCHAIN NETWORK AND BLOCKCHAIN SYSTEM USING THE SAME

(71) Whirlpool Corporation

(21) 2024204003 (22) 13.06.2024

(54) Blender jar with protrusions introducing asymmetric flow pattern and blender containing the same

(71) WILD LAND OUTDOOR GEAR LTD.

(21) 2024204147 (22) 18.06.2024

(54) MULTIFUNCTIONAL DOUBLE-LAYER LIFT-TYPE VEHICLE-MOUNTED TENT

(71) Wonderland Switzerland AG

(21) 2024204131 (22) 18.06.2024

(54) Buckle

(71) WONDERLAND SWITZERLAND AG

(21) 2024204064 (22) 14.06.2024

(54) Child safety seat and seat thereof

(71) Wordflow Pty Ltd

(21) 2024204156 (22) 18.06.2024

(54) A System and Method for Electronic Publishing and the Digitalisation of Electronic Documents

(71) Wuhan Research Institute of Materials Protection

(21) 2024204102 (22) 17.06.2024

(54) Sample for measuring galvanic corrosion between conductive coating and protected base material and evaluation method

Yissum Research Development Company of the Hebrew University of Jerusalem Ltd. see Future Meat Technologies Ltd.

(21) 2024204088

(71) YIYANIQ INC.

(21) 2024204107 (22) 17.06.2024

(54) SYSTEM AND METHOD FOR SIMULATED QUANTUM ANNEALING TO SOLVE OPTIMIZATION PROBLEMS

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2024203992	Mitsubishi Tanabe Pharma Corporation	2024204058	Cripps Clark, J.; Cripps Clark, J.
2024203993	Applied Medical Resources Corporation	2024204059	Tencent America LLC
2024203994	GE Energy Power Conversion Technology Limited	2024204060	SNIPR Biome ApS.
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2024204027	SynDevRx, Inc.		
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2024204102	Wuhan Research Institute of Materials Protection
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2024204105	Bios-Therapy, Physiological Systems for Health S.p.A.
2024204106	FISHER & PAYKEL HEALTHCARE LIMITED
2024204107	YIYANIQ INC.
2024204108	Urovant Sciences GmbH
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Applications Lapsed, Refused Or Withdrawn, Patents Ceased or Expired

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

The codes next to each number have the following meanings:

Code Meaning

- 1 Application Lapsed Section 142(2)(a)
- 3 Application Lapsed Section 142(2)(c)
- 4 Application Lapsed Section 142(2)(d)
- 5 Application Lapsed Section 142(2)(e)
- 6 Application Lapsed Section 142(2)(f)/Reg. 13.5A(2)/Reg. 8.3(3)
- 7 Application Lapsed Reg. 3.2A(3)/Reg. 3.2C
- 8 Application Lapsed Reg. 3.4(6)
- 9 Application Lapsed Section 142(3)
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- 12 Application Withdrawn Section 141(1)
- 13 Application Withdrawn Section 141(2)/Reg 13.1C\Section 141(3)/See Reg 8.3(2)
- 14 Patent Ceased Section 143(a), or Expired
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- 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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- 27 Application Lapsed Reg. 3.5AF(2F)
- 28 Application Lapsed Reg. 22.15A(3)

- A Applications on which examination has not been requested or directed
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 2009322396 (14) 2009323070 (14) 2009323523 (14)
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 2022224700 (5C) 2022246450 (5C) 2022275459 (4C)

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2023200101 (25D) 2023201894 (4C) 2023202003 (4C)
 2023901905 (12AN) 2023901913 (12AN) 2023902511 (12AN)
 2023902513 (12AN)

2024

2024201916 (1B) 2024202003 (1B) 2024202012 (1B)

Assignments before Grant, Section 113

2018

2018263965 Intezyne Technologies, Inc.; Vojkovsky, Tomas; Sill, Kevin; Carie, Adam The application has been assigned to **Bold Therapeutics Inc.**

2019

2019208479 Oxford University Innovation Limited The application has been assigned to **Oxa Autonomy Ltd**

2019245431 Johnson Controls Technology Company The application has been assigned to **Tyco Fire & Security GmbH**

2019254476 SUNRGYZE, S.L. The application has been assigned to **REPSOL S.A.**

2019261411 Immune Targeting Inc. The application has been assigned to **SHANGHAI KANGABIO CO., LTD**

2019273664 Galapagos NV The application has been assigned to **Alfasigma S.p.A.**

2019279856 Evogen, Inc. The application has been assigned to **Cognizance Biomarkers, Inc.**

2019296969 Xolution GmbH The application has been assigned to **Egnis Inc.**

2019299459 Groupon, Inc.; GONZALEZ, Matias Sebastian; COSTA, Thiago Ferreira; BASTARDO, Antonio; VILORIA, Alvaro The application has been assigned to **Groupon, Inc.**

2019361027 Interlock USA, Inc. The application has been assigned to **ASSA ABLOY Fenestration, LLC**

2019389772 Catalent U.K. Swindon Zydis Limited; Mymetics Corporation The application has been assigned to **Catalent U.K. Swindon Zydis Limited**

2019389772 Catalent U.K. Swindon Zydis Limited; Mymetics Corporation The application has been assigned to **Catalent U.K. Swindon Zydis Limited; Mymetics Corporation**

2019389772 Catalent U.K. Swindon Zydis Limited; Mymetics Corporation The application has been assigned to **Catalent U.K. Swindon Zydis Limited; Catalent U.K. Swindon Zydis Limited; Mymetics Corporation**

2020

2020220198 Donmark Holdings Inc. The application has been assigned to **SEI MANUFACTURING INC.**

2020298301 Electronic Health Record Data, Inc. The application has been assigned to **Technologies IP, LLC**

2020298307 Electronic Health Record Data, Inc. The application has been assigned to **Technologies IP, LLC**

2020351246 New Generation Devices, Inc. The application has been assigned to **MOVORA, LLC**

Assignments before Grant, Section 113

2020387174 Biogen MA Inc. The application has been assigned to **Ji Xing Pharmaceuticals Hong Kong Limited**

2021

2021200620 Donmark Holdings Inc. The application has been assigned to **SEI MANUFACTURING INC.**

2021230179 Asahi Kasei Medical Co., Ltd. The application has been assigned to **JMS CO., LTD.**

2021240859 Voith Patent GmbH The application has been assigned to **LIVA Power Management Systems GmbH**

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

2021254668 Donmark Holdings Inc. The application has been assigned to **SEI MANUFACTURING INC.**

2021258139 Avail Medsystems, Inc. The application has been assigned to **Mendaera, Inc.**

2021271806 Healion Bio, Inc. The application has been assigned to **TONIX PHARMA LIMITED.**

2021290030 Voith Patent GmbH The application has been assigned to **LIVA Power Management Systems GmbH**

2021312296 INDUSTRIAL ORGANICA, SA DE CV The application has been assigned to **MARAVILLA, LLC**

2021323367 Voith Patent GmbH The application has been assigned to **LIVA Power Management Systems GmbH**

2021336655 Voith Patent GmbH The application has been assigned to **LIVA Power Management Systems GmbH**

2021398387 XOLUTION GMBH The application has been assigned to **Egnis Inc.**

2022

2022200962 Donmark Holdings Inc. The application has been assigned to **SEI MANUFACTURING INC.**

2022201559 Agot Co. The application has been assigned to **HME Hospitality Specialty Communications, Inc.**

2022201563 Agot Co. The application has been assigned to **HME Hospitality Specialty Communications, Inc.**

2022201564 Agot Co. The application has been assigned to **HME Hospitality Specialty Communications, Inc.**

2022201680 Agot Co. The application has been assigned to **HME Hospitality Specialty Communications, Inc.**

2022201681 Agot Co. The application has been assigned to **HME Hospitality Specialty Communications, Inc.**

Assignments before Grant, Section 113

2022241882 NEW GENERATION DEVICES, INC. The application has been assigned to **MOVORA, LLC**

2022262131 VOITH PATENT GMBH The application has been assigned to **LIVA Power Management Systems GmbH**

2022262593 BIOGEN MA INC. The application has been assigned to **Ji Xing Pharmaceuticals Hong Kong Limited**

2022270659 CEND THERAPEUTICS, INC. The application has been assigned to **Lisata Therapeutics, Inc.**

2022275263 BIOGEN MA INC. The application has been assigned to **Ji Xing Pharmaceuticals Hong Kong Limited**

2022283771 Thales Management & Services Deutschland GmbH The application has been assigned to **Thales Deutschland GmbH**

2022305064 MIACH ORTHOPAEDICS, INC.; WOHLERT, Stephen The application has been assigned to **Miach Orthopaedics, Inc.**

2022319996 ASPLAND, Kelli Jayne; GRIFFIN, Laura Jayne The application has been assigned to **Solar Buddies Limited**

2022351643 PASTORAL GREENHOUSE GAS RESEARCH LIMITED; RENNISON, David The application has been assigned to **PASTORAL GREENHOUSE GAS RESEARCH LIMITED**

2022378761 SOCPRA SCIENCES ET GENIE S.E.C. The application has been assigned to **SOCIÉTÉ DE COMMERCIALISATION DES PRODUITS DE LA RECHERCHE APPLIQUÉE SOCPRA SCIENCES SANTÉ ET HUMAINES S.E.C.**

2022387508 ANIMAX DESIGNS, INC.; BUFFORD, Harold Fred Jr. The application has been assigned to **ANIMAX DESIGNS, INC.**

2023

2023201385 Donmark Holdings Inc. The application has been assigned to **SEI MANUFACTURING INC.**

2023201732 Takeda Pharmaceutical Company Limited The application has been assigned to **Endosome Therapeutics, Inc.**

2023203731 Zimmerman, Lior; Lavion, Amit The application has been assigned to **Living in Sunshine LLC**

2023233054 Interlock USA, Inc. The application has been assigned to **ASSA ABLOY Fenestration, LLC**

2023305021 GAIA ARCHITECTURE DESIGN CO., LTD. The application has been assigned to **GAIA Architect Sydney Pty Ltd**

2023305022 GAIA ARCHITECTURE DESIGN CO., LTD. The application has been assigned to **GAIA Architect Sydney Pty Ltd**

2023902505 Spartan Therapeutics The application has been assigned to **Teloskin Pty Ltd**

Assignments before Grant, Section 113

2023902577 FONTERRA CO-OPERATIVE GROUP LIMITED; MAHENDRAN, PIRATHEEPAN The application has been assigned to **FONTERRA CO-OPERATIVE GROUP LIMITED**

2024

2024202495 Assa Abloy Limited The application has been assigned to **ASSA ABLOY AUSTRALIA PTY LIMITED**

2024203511 Vojkovsky, Tomas; Intezyne Technologies, Inc.; Carie, Adam; Sill, Kevin The application has been assigned to **Bold Therapeutics Inc.**

Extensions of Time, Section 223

Applications Received

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

2014

2014207316 **Innara Health, Inc.** An application to extend the time from 21 Jan 2023 to 21 Feb 2024 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2016

2016256793 **SALS INVENTION PTY LTD** An application to extend the time from 11 Nov 2023 to 11 Jun 2024 in which to pay a renewal fee has been filed . Address for service - Collison & Co Gpo Box 2556 Adelaide SA 5001 AU

2016349280 **The Trustees of the University of Pennsylvania** An application to extend the time from 05 Jan 2024 to 05 Jun 2024 in which to pay the acceptance fee has been filed . Address for service - Pizzey's Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2016366970 **Robotic Lawn Care Sweden AB** An application to extend the time from 23 Nov 2023 to 23 Jun 2024 in which to pay a renewal fee has been filed . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2017

2017237260 **Enhancer Pro, Inc.** An application to extend the time from 27 Mar 2023 to 27 Apr 2024 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2017324983 **Saksin Lifesciences Pvt Ltd; University of Toronto** An application to extend the time from 07 Sep 2023 to 07 Apr 2024 in which to pay a continuation fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2017410499 **Sino-Telecom Technology Co., Inc** An application to extend the time from 28 Nov 2023 to 28 Jun 2024 in which to pay a renewal fee has been filed . Address for service - Remarkable IP PO Box 207 Queenstown Otago 9348 NZ

Extensions of Time, Section 223**2021**

2021102635 **Virtual IT Group Pty Ltd** An application to extend the time from 17 May 2023 to 17 Apr 2024 in which to pay a continuation fee has been filed . Address for service - Kyle Bridge 14-18 Auburn St Wollongong NSW 2500 AU

2021106435 **Violeta Bec** An application to extend the time from 22 Aug 2023 to 22 Mar 2024 in which to pay a renewal fee has been filed . Address for service - Violeta Bec 17 Vivian St Bexley NSW 2207 AU

Applications Allowed - Section 223(2)**2018**

2018293912 **IDAZ09 Pty Ltd** The time in which to gain acceptance has been extended to 01 Sep 2024 . Address for service - Anderson IP PO Box 99 Nyora VIC 3987 AU

2019

2019301755 **A-Dec, Inc.** The time in which to pay a continuation fee has been extended to 12 Feb 2024 . Address for service - Griffith Hack Level 15 376-390 Collins St MELBOURNE VIC 3000 AU

2019441678 **Dyson, J.** The time in which to request examination has been extended to 09 Apr 2024 . Address for service - Jason DYSON c/o Michael Cornwell, 2/2 John Street Randwick Sydney NSW 2031 AU

2020

2020270983 **The Regents of the University of California** The time in which to request examination has been extended to 16 Apr 2024 . Address for service - Pizzey's Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2022

2022234495 **CSPC ZHONGQI PHARMACEUTICAL TECHNOLOGY (SHIJIAZHANG) CO., LTD.; HANGZHOU INNOGATE PHARMA CO., LTD.; CSPC OUYI PHARMACEUTICAL CO., LTD.** The time in which to enter the National Phase has been extended to 09 Feb 2024 . Address for service - Churchill Attorneys PO BOX 3238 BURNLEY NORTH VIC 3121 AU

2022317786 **GUARDIAN PARTNERS, LLC** The time in which to enter the National Phase has been extended to 26 Mar 2024 . Address for service - CreateIP PO Box 21445 Christchurch Canterbury 8140 NZ

2022322022 **NICOVENTURES TRADING LIMITED** The time in which to enter the National Phase has been extended to 04 May 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2022332698 **WILCO ENVIRONMENTAL SOLUTIONS PTY LTD** The time in which to enter the National Phase has been extended to 24 Apr 2024 . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2022342095 **HANGZHOU HIGHLIGHTLL PHARMACEUTICAL CO., LTD** The time in which to enter the National Phase has been extended to 13 Jun 2024 . Address for service - AJ PARK PO Box 949 Wellington 6140 NZ

2022358745 **AUSTRALIAN NUCLEAR SCIENCE AND TECHNOLOGY ORGANISATION** The time in which to enter the National Phase

Extensions of Time, Section 223

has been extended to 09 Jun 2024 . Address for service - Oxygene IP PO Box 611 BALWYN NORTH VIC 3104 AU

2023

2023237195 **Endotronix, Inc.** The time in which to request examination has been extended to 10 Apr 2024 . Address for service - Maxwells Patent & Trade Mark Attorneys Pty Ltd PO Box R1466 SYDNEY NSW 1225 AU

2024

2024201953 **Hysential Pty Ltd** The time in which to comply with a direction under Reg 3.2A has been extended to 28 Jun 2024 . Address for service - Steven Ugrinovski 8 Hartog Ct Shell Cove NSW 2529 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.

2016

2016259357 A handle assembly for a window winder **Azuma Design Pty Limited** The nature of the amendment is as shown in the statement(s) filed 24 May 2024 . Address for service - GLMR PO Box Q1615 Queen Victoria Building NSW 1230 AU

2016307234 Brassica plant with pod shattering tolerance **Limagrain Europe** The nature of the amendment is as shown in the statement(s) filed 13 May 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2017

2017245601 Use of pimobendan for the reduction of heart size and/or the delay of onset of clinical symptoms in patients with asymptomatic heart failure due to mitral valve disease **Boehringer Ingelheim Vetmedica GmbH** The nature of the amendment is as shown in the statement(s) filed 18 Mar 2024 . Address for service - FB Rice Pty Ltd L 33 477 Collins Street Melbourne VIC 3000 AU

2017313268 Process for the preparation of highly concentrated liquid formulations containing biomolecules **Boehringer Ingelheim International GmbH** The nature of the amendment is as shown in the statement(s) filed 22 May 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2018

2018210388 Anti-HERV-K envelope antibody and uses thereof **GeNeuro SA ; The United States of America, as represented by the Secretary, Department of Health and Human Services** The nature of the amendment is as shown in the statement(s) filed 14 Jun 2024 . Address for service - Griffith Hack Level 15 376-390 Collins St MELBOURNE VIC 3000 AU

2018234640 Methods for cryogenic storage **Juno Therapeutics, Inc.** The nature of the amendment is as shown in the statement(s)

Amendments

filed 08 Jun 2024 . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2018379801 Double poloidal field coils **Tokamak Energy Ltd**
The nature of the amendment is as shown in the statement(s) filed 13 Jun 2024 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2018395057 Determination of structural characteristics of an object **Perimetrics, Inc.** The nature of the amendment is as shown in the statement(s) filed 23 May 2024 . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2020

2020273162 Oral rinse compositions for reducing pathogens underlying and for treating periodontal disease and oral malodor in the canine **Black Tulip Management, Inc.** The nature of the amendment is as shown in the statement(s) filed 27 May 2024 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2020394461 Cutting element, use thereof and mobile cutting apparatus therewith **CERATIZIT Luxembourg S.à.r.l** The nature of the amendment is as shown in the statement(s) filed 13 Jun 2024 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2020475251 ABLATION PROBE SYSTEMS **TRIAGENICS, INC.** The nature of the amendment is as shown in the statement(s) filed 11 Apr 2024 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2021

2021203036 Wear part monitoring **ESCO Group LLC** The nature of the amendment is as shown in the statement(s) filed 13 May 2024 . Address for service - MINTER ELLISON Collins Arch 447 Collins St Melbourne VIC 3000 AU

2021281910 Structurally modified chimeric polypeptide of human papillomavirus, recombinant protein comprising same polypeptide, and use of same protein **GeneMatrix Inc.** The nature of the amendment is as shown in the statement(s) filed 11 Apr 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2023

2023201686 Image enhancement **Canva Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 03 Jun 2024 . Address for service - FPA Patent Attorneys Pty Ltd Suite 2, Level 9 275 George Street Sydney NSW 2000 AU

2023201900 Universal connector in parts **Systems IP Pty Ltd**
The nature of the amendment is as shown in the statement(s) filed 29 May 2024 . Address for service - FOUNDRY INTELLECTUAL PROPERTY PTY LTD PO Box Q1466 Queen Victoria Building NSW 1230 AU

2023201901 Universal connector with ratchet **Systems IP Pty Ltd**
The nature of the amendment is as shown in the statement(s) filed 29 May 2024 . Address for service - FOUNDRY INTELLECTUAL PROPERTY PTY LTD PO Box Q1466 Queen Victoria Building NSW 1230 AU

2023274071 SYSTEMS INCLUDING HANDHELD DEVICES TO DELIVER MICROCURRENTS AND/OR KINESIOLOGICAL SCULPTING, USEFUL IN SKIN CARE **MICRO CURRENT TECHNOLOGY, INC.**

Amendments

The nature of the amendment is as shown in the statement(s) filed 29 May 2024 . Address for service - FORWARD INTELLECTUAL PROPERTY PTY LTD U 3 127 Crown Rd Queenscliff NSW 2096 AU

Amendments Made

2013

2013344778 **Endocyte, Inc.** The nature of the amendment is as shown in the statement filed 02 Feb 2024

2014

2014282281 **Taiho Pharmaceutical Co., Ltd.** The nature of the amendment is as shown in the statement filed 13 Feb 2024

2016

2016326510 **Eyepoint Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement filed 15 Feb 2024

2016328645 **TriLink BioTechnologies, LLC** The nature of the amendment is: To amend the name to read TriLink BioTechnologies, LLC

2017

2017369207 **TME Pharma AG** The nature of the amendment is as shown in the statement filed 12 Mar 2024

2018

2018216680 **Nearshore Natural Gas, LLC** The nature of the amendment is as shown in the statement filed 18 Mar 2024

2018235127 **London School of Hygiene and Tropical Medicine** The nature of the amendment is as shown in the statement filed 19 Mar 2024

2018257980 **Crown Packaging Technology, Inc.** The nature of the amendment is as shown in the statement filed 22 May 2024

2018385454 **H. Lundbeck A/S** The nature of the amendment is as shown in the statement filed 15 Feb 2024

2019

2019229417 **Progressive IP Limited** The nature of the amendment is as shown in the statement(s) filed 11 Jun 2024

2019470817 **National Steel Car Limited** The nature of the amendment is as shown in the statement filed 13 Mar 2024

2020

2020205242 **Caterpillar Global Mining Equipment LLC; Caterpillar Global Mining HMS GmbH** The nature of the amendment is: Amend the invention title to read Collar control system for mobile drilling machines

2020230269 **DOMPÉ FARMACEUTICI S.P.A.; The Regents of the University of California** The nature of the amendment is as shown in the statement filed 06 Mar 2024

Amendments

2020324822 **i-SENS, Inc.** The nature of the amendment is: Amend the invention title to read Notification method for continuous blood glucose monitoring system

2020401960 **Eli Lilly and Company** The nature of the amendment is as shown in the statements filed 07 Mar 2024 and 19 Mar 2024

2020415710 **Preston, J.C.** The nature of the amendment is: Add divisional application details as 2019316713

2020470348 **Contemporary Amperex Technology Co., Limited** The nature of the amendment is as shown in the statement filed 13 Mar 2024

2021

2021206780 **TriLink BioTechnologies, LLC** The nature of the amendment is: To amend the name to read TriLink BioTechnologies, LLC

2021218162 **West Affum Holdings Corp.** The nature of the amendment is: Amend the priority details to read 63/068,772 21 Aug 2020 US

2021221413 **Blaze Bioscience, Inc.** The nature of the amendment is as shown in the statement filed 15 Mar 2024

2021231074 **Metagenomi, Inc.** The nature of the amendment is as shown in the statement filed 18 Mar 2024

2021474884 **KAWADA INDUSTRIES, INC.** The nature of the amendment is: Amend the invention title to read GREENING SYSTEM AND METHOD OF INSTALLING THE SAME

2021480457 **MITSUBISHI ELECTRIC CORPORATION** The nature of the amendment is: Amend the invention title to read RECOMMENDED ACTIVITY PRESENTATION DEVICE, RECOMMENDED ACTIVITY PRESENTATION SYSTEM, RECOMMENDED ACTIVITY PRESENTATION METHOD, AND RECOMMENDED ACTIVITY PRESENTATION PROGRAM

2022

2022200447 **WONDERLAND SWITZERLAND AG** The nature of the amendment is as shown in the statement filed 14 Mar 2024

2022202174 **NeoVasc Tiara Inc.** The nature of the amendment is as shown in the statement filed 29 Feb 2024

2022203084 **MED-EL Elektromedizinische Geraete GmbH** The nature of the amendment is as shown in the statement filed 07 Feb 2024

2022310308 **Stichting IMEC Nederland; DEPUY SYNTHES PRODUCTS, INC.** The nature of the amendment is: To amend the co-applicant to read Stichting IMEC Nederland

2022316021 **DAEWOONG PHARMACEUTICAL CO., LTD.** The nature of the amendment is: Amend the invention title to read PHARMACEUTICAL COMPOSITION FOR PREVENTING OR TREATING SYSTEMIC SCLEROSIS

Amendments

2022348141 **GENOVAL THERAPEUTICS CO., LTD.** The nature of the amendment is: Amend the name of the inventor to read LI, Chong; GU, Wei; LI, Qian; YIN, Ke; MA, Haiping and HU, Tiannan

2022380979 **FLARE THERAPEUTICS INC.** The nature of the amendment is: Amend the name of the inventor to read DAI, Danmei; ZHENG, Bo; WANG, Fei; CONG, Liqing; HUANG, Yaohui; LI, Runyan; WANG, Xiaoyang; WADE, Peter; WILSON, Jonathan, E.; AUDIA, James, E.; STUCKEY, Jacob, I.; GEIER, Michael J. and SCOTT, Mark E.

2022385494 **PRIVITAR LIMITED** The nature of the amendment is as shown in the statement filed 03 Jun 2024

2022394333 **CHDI FOUNDATION, INC.** The nature of the amendment is: Amend the invention title to read HTT modulators for treating Huntington's disease

2022399045 **MACROPACE PRODUCTS PTY LTD** The nature of the amendment is: Amend the name of the inventor to read SANDOW, Michael John and PAPAS, Sam

2022402114 **GREENBERGER, H.P.** The nature of the amendment is: Remove priority details US 63/285,397 dated 2 December 2021

2022402114 **GREENBERGER, H.P.** The nature of the amendment is: Add the name of the inventor as GREENBERGER, Hal

2022404568 **ELLEPOT A/S** The nature of the amendment is as shown in the statement filed 31 May 2024

2022407713 **ROGERS, A.; GROSSET WINERY PTY LTD** The nature of the amendment is: Amend the name of the inventor to read ROGERS, Andrew and GROSSETT, Jeffery

2022412790 **TOUCHSTONE INTERNATIONAL MEDICAL SCIENCE CO., LTD.** The nature of the amendment is: Amend the invention title to read CLOSURE DRIVE MECHANISM AND SURGICAL STAPLER

2022416222 **TOUCHSTONE INTERNATIONAL MEDICAL SCIENCE CO., LTD.** The nature of the amendment is: Amend the invention title to read CARTRIDGE ASSEMBLY AND SURGICAL STAPLER

2022417127 **KIRIN HOLDINGS KABUSHIKI KAISHA** The nature of the amendment is: Amend the invention title to read Fermentation composition and method for producing same

2022419047 **CJ CHEILJEDANG CORPORATION** The nature of the amendment is: Amend the invention title to read CELL CRUSHING MONITORING METHOD, AND METHOD FOR PRODUCING POLYHYDROXYALKANOATES BY USING SAME

2022419322 **OJMAR, S.A.** The nature of the amendment is: Amend the invention title to read Cascade activation method and mechatronic system

2022422718 **DIAGDEV** The nature of the amendment is as shown in the statement(s) filed 06 Jun 2024

2022473117 **BEIJING NATON MEDICAL TECHNOLOGY HOLDINGS CO., LTD.** The nature of the amendment is: Amend the inven-

Amendments

tion title to read Artificial hip joint prosthesis and method for mounting the same

2023

2023201915 **TriLink BioTechnologies, LLC** The nature of the amendment is: To amend the name to read TriLink BioTechnologies, LLC

2023202359 **Beijing Wenhaiyang Industry Trading Co., Ltd; CRAY-OLA LLC** The nature of the amendment is: Amend the name of the inventor to read Moll, Joseph; Nungester, Gregory; Orem, Christopher P.; Ho, Ying K.; Alison, Keith; Moskal, Michael; Xiaomeng, Luo; Chaoyang, Jin; Haiteng, Guo; Wen, Bai; Henry, Robert J.; Mo, Hui Max Sze; Keung, Ho Yiu and Li, Ivan

2023204638 **Werner Co.** The nature of the amendment is: Amend the name of the inventor to read Bibler, Derek; Papa, Vlatko; Kolawole, Oladapo; Parker, Thomas W.; Estandarte Jr., Ruel Sanico; Lanting, Mark Harries C. and Melton, Michael

2023229522 **TriLink BioTechnologies, LLC** The nature of the amendment is: To amend the name to read TriLink BioTechnologies, LLC

2023237035 **Techtronic Cordless GP** The nature of the amendment is: Amend the name of the inventor to read POLAT, Ece; ZWILLING, Adam; HANKS, Nicolas James; ZHANG, Shiyi; KALAVALA, Krishna Sai Teja and LYONS, John Robert

2023902272 **Griffits, J.; Jackson, N.; Tulloch, B.** The nature of the amendment is: To amend the applicant names to read John Griffiths; Norman Jackson and Bruce Tulloch

2024

2024202947 **CATERPILLAR PAVING PRODUCTS INC.** The nature of the amendment is: Amend the invention title to read Non-rotating bit for cutting tool

2024203344 **W. L. Gore & Associates, Inc.** The nature of the amendment is: Amend the invention title to read EPITHELIALIZING MICROPOROUS BIOMATERIAL FOR USE IN AVASCULAR ENVIRONMENTS AND IN CORNEAL IMPLANTS

2024203757 **Elmer's Welding & Manufacturing Ltd.** The nature of the amendment is: Amend the invention title to read TOWED AGRICULTURAL IMPLEMENT WITH WINGED FRAME AND CONTROLLER TO ASSIST OPERATION OF THE IMPLEMENT

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

2004

2004324246 Tama Plastic Industry The name of the patentee has been altered to **Tama Group**

2005

2005300259 Tama Plastic Industry The name of the patentee has been altered to **Tama Group**

Amendments

2005321593 ThyssenKrupp Uhde GmbH ; Vinnolit GmbH & Co.KG The name of the patentee has been altered to **Vinnolit GmbH & Co.KG; ThyssenKrupp Industrial Solutions AG**

2006

2006246034 ThyssenKrupp Uhde GmbH The name of the patentee has been altered to **ThyssenKrupp Industrial Solutions AG**

2008

2008258890 ThyssenKrupp Uhde GmbH The name of the patentee has been altered to **ThyssenKrupp Industrial Solutions AG**

2008286480 ThyssenKrupp Uhde GmbH The name of the patentee has been altered to **ThyssenKrupp Industrial Solutions AG**

2008355557 Tama Plastic Industry The name of the patentee has been altered to **Tama Group**

2009

2009254316 ThyssenKrupp Uhde GmbH The name of the patentee has been altered to **ThyssenKrupp Industrial Solutions AG**

2009321790 ThyssenKrupp Uhde GmbH The name of the patentee has been altered to **ThyssenKrupp Industrial Solutions AG**

2011

2011369219 Tama Plastic Industry The name of the patentee has been altered to **Tama Group**

2013

2013242847 Tama Plastic Industry The name of the patentee has been altered to **Tama Group**

2013371867 Tama Plastic Industry The name of the patentee has been altered to **Tama Group**

2013395445 Tama Plastic Industry The name of the patentee has been altered to **Tama Group**

2014

2014308544 Tama Plastic Industry The name of the patentee has been altered to **Tama Group**

2016

2016219633 Tama Plastic Industry The name of the patentee has been altered to **Tama Group**

2017

2017203044 Tama Plastic Industry The name of the patentee has been altered to **Tama Group**

2017209915 Pixsweet B.V. The name of the patentee has been altered to **What The Future Food B.V.**

2017363824 Surf Lakes Holdings Ltd The name of the patentee has been altered to **Surf Lakes Holdings Pty Ltd**

Amendments**2018**

2018204459 Surf Lakes Holdings Ltd The name of the patentee has been altered to **Surf Lakes Holdings Pty Ltd**

2019

2019214584 Keter Plastic Ltd. ; Milwaukee Electric Tool Corporation The name of the applicant has been altered to **Keter Home and Garden Products Ltd; Milwaukee Electric Tool Corporation**

2019232904 Surf Lakes Holdings Ltd The name of the patentee has been altered to **Surf Lakes Holdings Pty Ltd**

2019277206 Lithium Australia NL ; Australian Nuclear Science and Technology Organisation The name of the applicant has been altered to **Lithium Australia Limited; Australian Nuclear Science and Technology Organisation**

2019286657 Keter Plastic Ltd. The name of the applicant has been altered to **Keter Home and Garden Products Ltd**

2019310188 Lithium Australia NL ; Australian Nuclear Science and Technology Organisation The name of the patentee has been altered to **Australian Nuclear Science and Technology Organisation; Lithium Australia Limited**

2020

2020251967 Keter Plastic Ltd. The name of the applicant has been altered to **Keter Home and Garden Products Ltd**

2021

2021104744 63963 Unit of the Chinese People's Liberation Army; Shenyang Shunyi Technology Company Limited The name of the patentee has been altered to **63963 Unit of the Chinese People's Liberation Army; Shenyang Shunyi Technology Co., Ltd.**

2021356807 GRAND LIFE SCIENCES GROUP (WUHAN) CO., LTD. The name of the applicant has been altered to **Grand Medical Nutrition Science (Wuhan) Co., Ltd.**

2021408227 SHANGHAI EUREGEN BIOPHARMA CO., LTD. ; SHANGHAI YOULI BIOPHARMA CO., LTD. The name of the applicant has been altered to **Euregen Biopharma Co., Ltd.; SHANGHAI YOULI BIOPHARMA CO., LTD.**

2021469659 THE MONARCH COMPANY The name of the applicant has been altered to **The Monarch Company, LLC.**

2022

2022376565 PAX PRODUCTS, LLC ; Jacob Clarence SCHULER The name of the applicant has been altered to **Blaze Barrier, Inc.**

2022384157 ATLANTIC PACIFIC EQUIPMENT, LLC. The name of the applicant has been altered to **Atlantic Pacific Equipment, LLC**

2022407713 Andrew RODGERS; GROSSET WINERY PTY LTD The name of the applicant has been altered to **ROGERS, A.; GROSSET WINERY PTY LTD**

Amendments**2024**

2024203456 Keter Plastic Ltd. The name of the applicant has been altered to **Keter Home and Garden Products Ltd**

Applications Open to Public Inspection

Name Index

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

(71) ABUS August Bremicker Söhne KG
 (11) AU-A-2023270186
 (21) 2023270186 (22) 20.11.2023
 (54) MODULAR HELMET SYSTEM
 (51) Int. Cl.

A42B 3/32 (2006.01)
 (31) 102022132430.3 (32) 07.12.22 (33) DE
 (43) 27.06.2024
 (72) Yannik Thomas; Frank Riederer
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Adagene Inc.
 (11) AU-A-2024203885
 (21) 2024203885 (22) 07.06.2024
 (54) ANTI-CTLA4 ANTIBODIES AND METHODS OF MAKING AND USING THE SAME
 (51) Int. Cl.

C07K 16/42 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C07K 14/00 (2006.01)
 (43) 27.06.2024
 (62) 2023204604
 (72) LUO, Peter Peizhi; DU, Fangyong; PAN, Zhongzong; LIU, Guizhong
 (74) AJ PARK

(71) Advanced Neuromodulation Systems, Inc.
 (11) AU-A-2024203911
 (21) 2024203911 (22) 07.06.2024
 (54) Dorsal root ganglia surgical leads
 (51) Int. Cl.

A61N 1/00 (2006.01)
A61N 1/02 (2006.01)
A61N 1/04 (2006.01)
A61N 1/05 (2006.01)
A61N 1/18 (2006.01)
A61N 1/36 (2006.01)
A61N 1/372 (2006.01)
 (43) 27.06.2024
 (62) 2022291629
 (72) DEER, Timothy R.
 (74) Spruson & Ferguson

(71) AdvanSix Resins & Chemicals LLC
 (11) AU-A-2024203804
 (21) 2024203804 (22) 05.06.2024
 (54) Branched amino acid surfactants for inks, paints, and adhesives
 (51) Int. Cl.

C09D 5/02 (2006.01)
C09D 7/63 (2018.01)
C09D 9/04 (2006.01)
C09D 11/38 (2014.01)
C09D 11/54 (2014.01)
C09J 11/06 (2006.01)
C08K 5/17 (2006.01)

C08K 5/19 (2006.01)
 (43) 27.06.2024
 (62) 2021309628
 (72) ASIRVATHAM, Edward
 (74) Davies Collison Cave Pty Ltd

(71) AEON BioPharma, Inc.
 (11) AU-A-2024203802
 (21) 2024203802 (22) 05.06.2024
 (54) NEUROTOXIN COMPOSITIONS FOR USE IN TREATING NEUROLOGIC AND PSYCHIATRIC DISORDERS
 (51) Int. Cl.
A61K 31/14 (2006.01)
A61K 9/10 (2006.01)
A61K 47/06 (2006.01)
 (43) 27.06.2024
 (62) 2020336212
 (72) BROOKS, Gregory F.
 (74) K&L Gates

(71) AeroVironment, Inc.
 (11) AU-A-2024203914
 (21) 2024203914 (22) 07.06.2024
 (54) Dynamic transmission control for a wireless network
 (51) Int. Cl.
H04W 72/04 (2023.01)
 (43) 27.06.2024
 (62) 2022224716
 (72) GRABOWSKY, John F.; TOKUMARU, Philip T.; KNISKERN, Robert Jay; CURRENS, Nicholas S.; LEVINE Jr., Allan Lester
 (74) Spruson & Ferguson

(71) ALL TABLE SPORTS AUSTRALIA PTY LTD
 (11) AU-A-2023278011
 (21) 2023278011 (22) 05.12.2023
 (54) Apparatus and method for determining cue characteristics
 (51) Int. Cl.
G01M 5/00 (2006.01)
A63D 15/08 (2006.01)
G01M 1/12 (2006.01)
G01N 33/00 (2006.01)

(31) 2022903788 (32) 12.12.22 (33) AU
 (43) 27.06.2024
 (72) Qun Hao, Guan
 (74) Cooper IP Pty Ltd

(71) Alnylam Pharmaceuticals, Inc.
 (11) AU-A-2024203390
 (21) 2024203390 (22) 22.05.2024
 (54) Hepatitis B virus (HBV) iRNA compositions and methods of use thereof
 (51) Int. Cl.
C12N 15/113 (2010.01)
A61K 31/713 (2006.01)

(43) 27.06.2024
 (62) 2021277625
 (72) HINKLE, Gregory; SEPP-LORENZINO, Laura; JADHAV, Vasant; MAIER, Martin; MILSTEIN, Stuart; MANOHARAN, Muthiah; RAJEEV, Kallanthottathil G.
 (74) Griffith Hack

(71) Ande Corporation
 (11) AU-A-2024203902
 (21) 2024203902 (22) 07.06.2024
 (54) PATTERN RECOGNITION SYSTEM
 (51) Int. Cl.
G16B 20/00 (2019.01)
G16B 40/00 (2019.01)
 (43) 27.06.2024
 (62) 2018300157
 (72) TAN, Eugene; JIANG, Hua; SELDEN, Richard F.
 (74) AJ PARK

(71) Anti-Viral Technologies, LLC
 (11) AU-A-2024203839
 (21) 2024203839 (22) 06.06.2024
 (54) Methods and compositions for the antiviral use of synthetic lysine analogs and mimetics
 (51) Int. Cl.
A61K 31/195 (2006.01)
A61K 39/40 (2006.01)
G01N 33/53 (2006.01)
 (43) 27.06.2024
 (62) 2018324427
 (72) MURDOCK, Frank; MURDOCK, Ronnea; STEWART, W., Paul
 (74) FB Rice Pty Ltd

(71) Apple Inc.
 (11) AU-A-2024203873
 (21) 2024203873 (22) 07.06.2024
 (54) Wireless earbuds
 (51) Int. Cl.
H04W 4/20 (2018.01)
H04M 1/725 (2021.01)
H04W 88/02 (2009.01)
H04W 92/18 (2009.01)

(43) 27.06.2024
 (62) 2022263480
 (72) ALBONICO, Marcus; YANG, Shannon X.; PANECKI, Lee M.; CHAWAN, Arun D.; LEBLANC, Jason J.
 (74) FPA Patent Attorneys Pty Ltd

(71) Applied Medical Resources Corporation
 (11) AU-A-2024203894
 (21) 2024203894 (22) 07.06.2024
 (54) Camera navigation training system
 (51) Int. Cl.
G09B 23/28 (2006.01)

Applications Open to Public Inspection - Name Index cont'd

(43) 27.06.2024
 (62) 2018265811
 (72) Hofstetter, Gregory K.; Mehta, Charit; Carter, Brian
 (74) Griffith Hack

(71) Ariad Pharmaceuticals, Inc.
 (11) AU-A-2024203831
 (21) 2024203831 (22) 06.06.2024
 (54) Aminothiazole compounds as c-Kit inhibitors

(51) Int. Cl.
C07D 417/12 (2006.01)
A61K 31/427 (2006.01)
A61P 35/00 (2006.01)
C07D 277/44 (2006.01)

(43) 27.06.2024
 (62) 2022200741
 (72) BENCIVENGA, Nicholas E.; DALGARNO, David C.; GOZGIT, Joseph M.; HUANG, Wei-Sheng; KOHLMANN, Anna; LI, Feng; QI, Jiwei; SHAKESPEARE, William C.; THOMAS, Ranny M.; WANG, Yihan; ZHU, Xiaotian
 (74) FPA Patent Attorneys Pty Ltd

(71) Australian Natural Capital (IP) Pty Ltd
 (11) AU-A-2024203830
 (21) 2024203830 (22) 06.06.2024
 (54) A METHOD OF MEASURING SOIL
 (51) Int. Cl.
G01N 33/24 (2006.01)
G01V 9/00 (2006.01)
G06Q 50/02 (2012.01)
G06T 7/00 (2017.01)
G01C 11/00 (2006.01)
G01N 33/00 (2006.01)

(43) 27.06.2024
 (62) 2021221611
 (72) Lodge, Benjamin Joe
 (74) James & Wells Intellectual Property

(71) Aviana Molecular Technologies, LLC
 (11) AU-A-2024203896
 (21) 2024203896 (22) 07.06.2024
 (54) Bioactive Coating for Surface Acoustic Wave Sensor
 (51) Int. Cl.
G01N 27/327 (2006.01)
G01N 33/48 (2006.01)
G01N 33/50 (2006.01)
G01N 33/53 (2006.01)
G01N 33/543 (2006.01)
G01N 33/566 (2006.01)
G01R 19/22 (2006.01)

(43) 27.06.2024
 (62) 2018298120
 (72) DAS, Soumen; HAMLIN, John Martin; GUPTA, Amitava
 (74) Adams Pluck

(71) BioAtla, LLC
 (11) AU-A-2024203402
 (21) 2024203402 (22) 22.05.2024
 (54) Conditionally active polypeptides and methods of generating them

(51) Int. Cl.
C07K 16/18 (2006.01)
C07K 16/28 (2006.01)
G01N 33/574 (2006.01)
A61K 39/00 (2006.01)
 (43) 27.06.2024
 (62) 2017320874
 (72) Short, Jay M.; Chang, Hwai Wen; Frey, Gerhard
 (74) Allens Patent & Trade Mark Attorneys

(71) BioAtla LLC
 (11) AU-A-2024203877
 (21) 2024203877 (22) 07.06.2024
 (54) Conditionally active biological proteins
 (51) Int. Cl.
C12N 15/09 (2006.01)
C07K 16/00 (2006.01)
C40B 40/10 (2006.01)
 (43) 27.06.2024
 (62) 2021203506
 (72) SHORT, Jay M.; CHANG, Hwai Wen; FREY, Gerhard
 (74) Allens Patent & Trade Mark Attorneys

(71) Bruin Biometrics, LLC
 (11) AU-A-2024203841
 (21) 2024203841 (22) 06.06.2024
 (54) Strategic treatment of pressure ulcer using sub-epidermal moisture values
 (51) Int. Cl.
A61B 5/03 (2006.01)
 (43) 27.06.2024
 (62) 2018368707
 (72) BURNS, Martin
 (74) Spruson & Ferguson

(71) Calabrio, Inc.
 (11) AU-A-2023282232
 (21) 2023282232 (22) 13.12.2023
 (54) Call tagging using machine learning models
 (51) Int. Cl.
G06N 3/0895 (2023.01)
G10L 15/16 (2006.01)
H04M 3/436 (2006.01)
H04M 3/50 (2006.01)

(31) 18/065,597 (32) 13.12.22 (33) US
 (43) 27.06.2024
 (72) MORGAN, Dylan; CHAPLIN, Boris; SMAAGARD, Kyle; VANCIU, Chris; CATTANEO, Laura; MATSUI, Matt; BULLOCK, Catherine
 (74) Spruson & Ferguson

(71) Calabrio, Inc.
 (11) AU-A-2023282246
 (21) 2023282246 (22) 13.12.2023
 (54) Evaluating transcripts through repetitive statement analysis

(51) Int. Cl.
G06F 40/30 (2020.01)
G06F 40/10 (2020.01)
G06F 40/20 (2020.01)
G06Q 10/10 (2023.01)
G06Q 30/01 (2023.01)
G10L 15/00 (2013.01)

(31) 18/065,589 (32) 13.12.22 (33) US
 (43) 27.06.2024
 (72) MORGAN, Dylan; CHAPLIN, Boris; SMAAGARD, Kyle; VANCIU, Chris; CATTANEO, Laura; MATSUI, Matt; BULLOCK, Catherine
 (74) Spruson & Ferguson

(71) CHANGZHOU INSTITUTE OF TECHNOLOGY
 (11) AU-A-2023204590
 (21) 2023204590 (22) 11.07.2023
 (54) MONITORING AND EARLY WARNING SYSTEM FOR SAFETY DRIVING STATES OF AUTOMOBILE DRIVER
 (51) Int. Cl.
B60W 50/08 (2020.01)
B60W 40/04 (2006.01)
B60W 40/08 (2012.01)
B60W 50/14 (2020.01)
G05D 1/00 (2006.01)
 (31) 2022115880437 (32) 12.12.22 (33) CN
 (43) 27.06.2024
 (72) ZHAO, JINGBO; LIU, HAIMEI; LIAO, LI-ANYING; XU, YONGMING; CHEN, JI-ANFENG
 (74) Alder IP Pty Ltd

(71) CHEP Technology Pty Limited
 (11) AU-A-2024203910
 (21) 2024203910 (22) 07.06.2024
 (54) Support module
 (51) Int. Cl.
B65D 19/44 (2006.01)
B62B 3/16 (2006.01)
B65D 19/38 (2006.01)
B65D 19/42 (2006.01)

(43) 27.06.2024
 (62) 2018369861
 (72) LOPEZ URAN, Daniel; LOISEAU, Christophe; CANT, Malcolm Charles
 (74) Spruson & Ferguson

(71) Chevron U.S.A. Inc.
 (11) AU-A-2023278079
 (21) 2023278079 (22) 07.12.2023
 (54) Cement top jobs in wellbore annuli using expandable compositions
 (51) Int. Cl.
E21B 33/13 (2006.01)
C09K 8/508 (2006.01)
C09K 8/512 (2006.01)
E21B 33/138 (2006.01)

(31) 63/386672 (32) 08.12.22 (33) US
 (43) 27.06.2024
 (72) Arceneaux, Douglas Cory; Krane, Benjamin James; Carroll, Caleb Kimbrell; Fuller, Michael James
 (74) FPA Patent Attorneys Pty Ltd

(71) Cleveland Heartlab, Inc.
 (11) AU-A-2024203887
 (21) 2024203887 (22) 07.06.2024
 (54) HDL-associated protein biomarker panel detection
 (51) Int. Cl.
G01N 33/92 (2006.01)

Applications Open to Public Inspection - Name Index cont'd

A61K 39/395 (2006.01)
C07K 14/775 (2006.01)
G01N 33/50 (2006.01)
(43) 27.06.2024
(62) 2017299781
(72) Bystrom, Cory; Collier, Timothy
(74) Davies Collison Cave Pty Ltd

(71) Cornell University; The Broad Institute, Inc.; New York Genome Center

(11) AU-A-2024203815
(21) 2024203815 **(22)** 05.06.2024

(54) Systems and methods for detection of residual disease

(51) Int. Cl.
C12Q 1/68 (2018.01)
C12Q 1/6886 (2018.01)
G01N 33/574 (2006.01)

(43) 27.06.2024
(62) 2019228512
(72) LANDAU, Dan Avi; ZVIRAN, Asaf; ADALSTEINSSON, Viktor A.
(74) MINTER ELLISON

(71) Current Lighting Solutions, LLC

(11) AU-A-2024203857
(21) 2024203857 **(22)** 06.06.2024

(54) COLOR STABLE RED-EMITTING PHOSPHORS

(51) Int. Cl.
C09K 11/61 (2006.01)

(43) 27.06.2024
(62) 2022202852
(72) Murphy, James Edward; Nammalwar, Prasanth Kumar; Karkada, Nagaveni; Lyons, Robert Joseph; Chowdhury, Ashfaque Islam; Setlur, Anant Achyut; Garcia, Florencio; Beers, William Winder; Du, Fangming
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Dignity Health

(11) AU-A-2024203869
(21) 2024203869 **(22)** 07.06.2024

(54) SYSTEMS AND METHODS FOR USING EYE MOVEMENTS TO DETERMINE TRAUMATIC BRAIN INJURY

(51) Int. Cl.
A61B 3/113 (2006.01)

(43) 27.06.2024
(62) 2022200362
(72) Macknik, Stephen L.; Martinez-Conde, Susana
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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(21) 2024203810

(71) Dolby Laboratories Licensing Corporation; Dolby International AB

(11) AU-A-2024203810
(21) 2024203810 **(22)** 05.06.2024

(54) Methods and devices for generating or decoding a bitstream comprising immersive audio signals

(51) Int. Cl.
G10L 19/16 (2013.01)
G10L 19/008 (2013.01)
H04S 3/00 (2006.01)

(43) 27.06.2024
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(72) BRUHN, Stefan; TORRES, Juan Felix
(74) Spruson & Ferguson

(71) DUSA Pharmaceuticals, Inc.

(11) AU-A-2024203899
(21) 2024203899 **(22)** 07.06.2024

(54) PHOTODYNAMIC THERAPY METHOD FOR SKIN DISORDERS

(51) Int. Cl.
A61K 41/00 (2020.01)
A61P 17/10 (2006.01)

(43) 27.06.2024
(62) 2018302103
(72) Willey, Andrea
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Electrolux Appliances Aktiebolag

(11) AU-A-2024203912
(21) 2024203912 **(22)** 07.06.2024

(54) METHOD FOR EXCHANGING INFORMATION BETWEEN A HOUSEHOLD APPLIANCE AND A MOBILE DEVICE

(51) Int. Cl.
G08C 23/04 (2006.01)

(43) 27.06.2024
(62) 2022204055
(72) Foiera, Riccardo; Venturini, Gianluca; Viroli, Alex; Nostro, Massimo; Jeaneteau, Laurent
(74) Halfords IP

(71) EmendoBio Inc.

(11) AU-A-2024202171
(21) 2024202171 **(22)** 04.04.2024

(54) Novel OMNI-50 CRISPR nuclease

(51) Int. Cl.
C12N 9/22 (2006.01)
A61K 48/00 (2006.01)
C12N 9/16 (2006.01)
C12N 15/11 (2006.01)
C12N 15/90 (2006.01)

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(74) FB Rice Pty Ltd

(71) Endocyte, Inc.

(11) AU-A-2024203858
(21) 2024203858 **(22)** 06.06.2024

(54) Conjugates for treating diseases caused by PSMA expressing cells

(51) Int. Cl.
A61K 31/17 (2006.01)
A61K 49/00 (2006.01)

A61K 49/10 (2006.01)
A61P 35/00 (2006.01)

(43) 27.06.2024
(62) 2022201341
(72) VLAHOV, Iontcho Radoslavov; REDDY, Joseph Anand; BLOOMFIELD, Alicia; DORTON, Ryan; NELSON, Melissa; VETZEL, Marilyn; LEAMON, Christopher Paul
(74) Spruson & Ferguson

(71) ESS Tech, Inc.

(11) AU-A-2023278089
(21) 2023278089 **(22)** 07.12.2023

(54) Rebalancing Cell System For Redox Flow Battery

(51) Int. Cl.
H01M 8/18 (2006.01)
H01M 8/04089 (2016.01)
H01M 8/04186 (2016.01)

(31) 18/065,576 **(32)** 13.12.22 **(33)** US
(43) 27.06.2024
(72) KISSICK, Sean; SONG, Yang; MC-DONALD, Timothy J
(74) WRAYS PTY LTD

(71) EZZ Life Science Holdings Pty Ltd

(11) AU-A-2022283733
(21) 2022283733 **(22)** 08.12.2022

(54) Helicobacter pylori detection kit and detection method thereof

(51) Int. Cl.
C07K 16/12 (2006.01)
G01N 33/569 (2006.01)
C07K 16/46 (2006.01)

(43) 27.06.2024
(72) TSUI, John Taylor
(74) Davies Collison Cave Pty Ltd

(71) FISHER & PAYKEL HEALTHCARE LIMITED

(11) AU-A-2024203844
(21) 2024203844 **(22)** 06.06.2024

(54) GRAPHICAL USER INTERFACE FOR A FLOW THERAPY APPARATUS

(51) Int. Cl.
A61M 16/00 (2006.01)
G06F 3/048 (2013.01)
G06F 3/14 (2006.01)

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(72) HAN, Jae Chul; CHAN, Hamish; ROBERTSON, Michael Jesse; O'ANNON, Kevin Peter; CRONE, Christopher Malcolm; KIRTON, Robert Stuart; REVIE, James Alexander Michael; CATAPANG, Jose Ricardo Joven; LEE, Jonathan Jaeheuk; PURDY, Hayden Ross; GULLEY, Anton Kim; CAMPBELL, Christopher Harding
(74) AJ PARK

(71) FITZGERALD, R.

(11) AU-A-2023278075
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(54) A GATE MOUNTED DETERRENT

(51) Int. Cl.

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E04H 17/00 (2006.01)
E04H 17/04 (2006.01)
E06B 11/02 (2006.01)
(31) 2022903745 **(32)** 07.12.22 **(33)** AU
(43) 27.06.2024
(72) FITZGERALD, Raymond
(74) Baxter Patent Attorneys Pty Ltd

(71) Foundry Therapeutics, Inc.
(11) AU-A-2024203842
(21) 2024203842 **(22)** 06.06.2024
(54) Implantable depots for the controlled re-
 lease of therapeutic agents
(51) Int. Cl.

A61K 9/70 (2006.01)
A61K 31/445 (2006.01)
A61L 27/54 (2006.01)
A61L 27/58 (2006.01)
A61P 23/02 (2006.01)
A61P 25/04 (2006.01)
A61P 29/00 (2006.01)
(43) 27.06.2024
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 S.
(74) Spruson & Ferguson

(71) Fulton Hogan Limited
(11) AU-A-2023278100
(21) 2023278100 **(22)** 08.12.2023
(54) A Method and Apparatus for Heating
 Bitumen in a Container
(51) Int. Cl.

B65D 88/74 (2006.01)
B65D 88/12 (2006.01)
E01C 19/08 (2006.01)
H05B 1/02 (2006.01)
H05B 6/00 (2006.01)
C10C 3/12 (2006.01)
(31) 795327 **(32)** 08.12.22 **(33)** NZ
(43) 27.06.2024
(72) Thompson, Michael James
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(71) GEn1E Lifesciences Inc.
(11) AU-A-2024203859
(21) 2024203859 **(22)** 06.06.2024
(54) P38alpha mitogen-activated protein
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(51) Int. Cl.

C07D 207/12 (2006.01)
A61P 11/00 (2006.01)
A61P 29/00 (2006.01)
A61P 31/12 (2006.01)
A61P 35/00 (2006.01)
A61P 37/00 (2006.01)
C07D 211/42 (2006.01)
C07D 211/46 (2006.01)
C07D 239/28 (2006.01)
C07D 241/08 (2006.01)
C07D 265/30 (2006.01)
C07D 267/08 (2006.01)
C07D 295/135 (2006.01)
C07D 295/185 (2006.01)

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(43) 27.06.2024
(62) 2021274475
(72) GALAN, Adam; LUO, Wendy; LAL, Ritu
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(21) 2024203855 **(22)** 06.06.2024
(54) Compositions and methods for detect-
 ing or quantifying Parainfluenza virus
(51) Int. Cl.

C12Q 1/6888 (2018.01)
C12Q 1/70 (2006.01)
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(72) MAJLESSI, Mehrdad; DOUGLASS,
 Pamela; KOLK, Daniel
(74) FB Rice Pty Ltd

(71) Getac Technology Corporation
(11) AU-A-2023201340
(21) 2023201340 **(22)** 03.03.2023
(54) Hot-swappable electronic device and
 method for preventing crash of the
 same
(51) Int. Cl.

G06F 1/26 (2006.01)
G06F 1/3287 (2019.01)
(31) 202211595983.9 **(32)** 13.12.22 **(33)** CN
(43) 27.06.2024
(72) WANG, Chun-Chi
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(21) 2024203782

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(11) AU-A-2024203850
(21) 2024203850 **(22)** 06.06.2024
(54) GLP-1R modulating compounds
(51) Int. Cl.

C07D 401/10 (2006.01)
A61K 31/4427 (2006.01)
A61P 3/10 (2006.01)
C07D 401/14 (2006.01)
C07D 403/06 (2006.01)
C07D 403/10 (2006.01)
C07D 405/14 (2006.01)
C07D 413/14 (2006.01)
C07D 417/10 (2006.01)
C07D 417/14 (2006.01)
C07D 471/04 (2006.01)
C07D 471/10 (2006.01)
C07D 493/10 (2006.01)

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 James G.; THOMAS-TRAN, Rhiannon;

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 ZIPFEL, Sheila M.
(74) FPA Patent Attorneys Pty Ltd

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(11) AU-A-2022287580
(21) 2022287580 **(22)** 13.12.2022
(54) A contact-free flushing control system
(51) Int. Cl.

E03D 5/10 (2006.01)
(43) 27.06.2024
(72) KO, Pan
(74) CitR Intellectual Property Co.

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(11) AU-A-2022477088
(21) 2022477088 **(22)** 14.12.2022
(54) RADIATION SHIELDING NANO-SIZED
 SM 2O3 DOPED GLASS
(51) Int. Cl.

C03C 4/08 (2006.01)
C03C 3/04 (2006.01)
C03C 3/076 (2006.01)
C03C 3/083 (2006.01)
C03C 3/087 (2006.01)
C03C 3/095 (2006.01)
C03C 11/00 (2006.01)
(43) 27.06.2024
(72) KURTULUŞ, Recep; KAVAS, Taner
(74) AJ PARK

(71) Haldor Topsøe A/S
(11) AU-A-2024203811
(21) 2024203811 **(22)** 05.06.2024
(54) Cooled axial flow converter
(51) Int. Cl.

B01J 8/04 (2006.01)
C01C 1/04 (2006.01)
(43) 27.06.2024
(62) 2018390191
(72) SPETH, Christian Henrik; DAHL, Per
 Juul
(74) Griffith Hack

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(21) 2023263479 **(22)** 08.11.2023
(54) TEST DEVICE
(51) Int. Cl.

B01L 3/00 (2006.01)
A61B 10/00 (2006.01)
(31) 2022115856048 **(32)** 09.12.22 **(33)** CN
 63/435,655 28.12.22 US
 2300079.7 04.01.23 GB
(43) 27.06.2024
(72) Shujiang WU; Qihui ZHAO; Hui GENG;
 Liang HONG
(74) Baxter Patent Attorneys Pty Ltd

(71) Hanwha TotalEnergies Petrochemical
 Co.,Ltd.
(11) AU-A-2023258318
(21) 2023258318 **(22)** 30.10.2023
(54) POLYETHYLENE RESIN COMPOSI-
 TION FOR PIPE, MANUFACTURING

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METHOD THEREOF AND MOLDED ARTICLE MANUFACTURED THEREFROM
(51) Int. Cl.
C08L 23/06 (2006.01)
C08F 110/02 (2006.01)
C08F 210/16 (2006.01)
C08J 5/00 (2006.01)
(31) 10-2022-0173890 **(32)** 13.12.22 **(33)** KR
(43) 27.06.2024
(72) Young Gu KIM; Jae Hyuck HAN; Eun Jin PARK
(74) DAVIS IP PTY LTD

(71) Heraeus Medical GmbH
(11) AU-A-2023282213
(21) 2023282213 **(22)** 13.12.2023
(54) DEVICE FOR MIXING BONE CEMENT
(51) Int. Cl.
A61B 17/58 (2006.01)
B01F 23/70 (2022.01)
B01F 33/501 (2022.01)
(31) 22213010.6 **(32)** 13.12.22 **(33)** EP
(43) 27.06.2024
(72) VOGT, Sebastian; KLUGE, Thomas
(74) Davies Collison Cave Pty Ltd

(71) Hitachi, Ltd.
(11) AU-A-2023274222
(21) 2023274222 **(22)** 04.12.2023
(54) Shade influence amount evaluation system, shade influence amount evaluation method, and shade calculation system
(51) Int. Cl.
G01W 1/12 (2006.01)
G01W 1/10 (2006.01)
G06Q 50/06 (2012.01)
(31) 2022-198416 **(32)** 13.12.22 **(33)** JP
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(74) Davies Collison Cave Pty Ltd

(71) Hologic, Inc.
(11) AU-A-2024203867
(21) 2024203867 **(22)** 06.06.2024
(54) FINE TANK PRESSURE CONTROL USING THERMAL ENERGY FOR PREPARING CYTOLOGICAL SPECIMENS FROM PATIENT SAMPLES
(51) Int. Cl.
G01N 1/40 (2006.01)
B01D 61/22 (2006.01)
B01L 3/00 (2006.01)
G01N 1/28 (2006.01)
B01L 7/00 (2006.01)
G01N 35/10 (2006.01)
(43) 27.06.2024
(62) 2018303546
(72) Hunt, Barry F.
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Howard Hughes Medical Institute
(11) AU-A-2024203888
(21) 2024203888 **(22)** 07.06.2024

(54) MODIFIED LIGAND-GATED ION CHANNELS AND METHODS OF USE
(51) Int. Cl.
C07K 14/705 (2006.01)
A61K 48/00 (2006.01)
C12N 5/071 (2010.01)
G01N 33/58 (2006.01)
G01N 33/68 (2006.01)
A61K 38/00 (2006.01)
(43) 27.06.2024
(62) 2022202948
(72) Sternson, Scott; Lee, Peter; Magnus, Christopher
(74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd

(71) Huawei Technologies Co., Ltd.
(11) AU-A-2024203800
(21) 2024203800 **(22)** 05.06.2024
(54) Data transmission method and apparatus
(51) Int. Cl.
H04W 28/02 (2009.01)
(43) 27.06.2024
(62) 2021238794
(72) GAN, Ming; HUANG, Guogang; LIANG, Dandan; YU, Jian; LI, Yunbo; GUO, Yuchen; HU, Mengshi
(74) Spruson & Ferguson

(71) Huawei Technologies Co., Ltd.
(11) AU-A-2024203821
(21) 2024203821 **(22)** 06.06.2024
(54) RESOURCE UNIT COMBINATION INDICATION METHOD AND COMMUNICATIONS APPARATUS
(51) Int. Cl.
H04W 72/04 (2023.01)
H04L 5/00 (2006.01)
(43) 27.06.2024
(62) 2021206754
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(74) PHILLIPS ORMONDE FITZPATRICK

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(11) AU-A-2024203900
(21) 2024203900 **(22)** 07.06.2024
(54) INFORMATION INDICATION METHOD AND COMMUNICATION APPARATUS
(51) Int. Cl.
H04L 5/00 (2006.01)
(43) 27.06.2024
(62) 2022253085
(72) Guo, Yuchen; Gan, Ming; Li, Yunbo
(74) PHILLIPS ORMONDE FITZPATRICK

(71) I Cook Catering Services Pty Ltd
(11) AU-A-2024203915
(21) 2024203915 **(22)** 07.06.2024
(54) A TEXTURE MODIFIED FOOD PRODUCT
(51) Int. Cl.
A23L 13/00 (2016.01)
A23L 17/00 (2016.01)

(43) 27.06.2024
(62) 2018203879
(72) COOK, Ian William; COOK, Michael Andrew
(74) Griffith Hack

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(11) AU-A-2023270211
(21) 2023270211 **(22)** 21.11.2023
(54) Automatic system and method for document authentication using portrait fraud detection
(51) Int. Cl.
G06F 21/31 (2013.01)
G06N 3/0464 (2023.01)
G06N 20/00 (2019.01)
G06Q 20/40 (2012.01)
G06T 7/13 (2017.01)
G06V 40/16 (2022.01)
(31) 18/062963 **(32)** 07.12.22 **(33)** US
(43) 27.06.2024
(72) Rein-lien Hsu; Brian K. Martin
(74) FPA Patent Attorneys Pty Ltd

(71) Idemia Identity & Security France
(11) AU-A-2023274232
(21) 2023274232 **(22)** 04.12.2023
(54) Method for generating an image document
(51) Int. Cl.
G08G 1/123 (2006.01)
G01S 13/86 (2006.01)
G01S 13/91 (2006.01)
G06N 3/02 (2006.01)
G06T 5/00 (2006.01)
(31) 2212874 **(32)** 07.12.22 **(33)** FR
(43) 27.06.2024
(72) Guidon, Eric; Domingues, Jonathan; Harbi, Rachid; Alliot, Samuel
(74) FPA Patent Attorneys Pty Ltd

(71) IGT
(11) AU-A-2023266321
(21) 2023266321 **(22)** 16.11.2023
(54) SYNCHRONIZING ACCOUNT RESTRICTIONS BETWEEN GAMING ESTABLISHMENT ACCOUNT AND ASSOCIATED PAYMENT INSTRUMENT
(51) Int. Cl.
G06Q 50/34 (2012.01)
G06Q 20/36 (2012.01)
(31) 18/080,461 **(32)** 13.12.22 **(33)** US
(43) 27.06.2024
(72) Jeffery Shepherd; Kevin Higgins
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(71) IHI Corporation
(11) AU-A-2023266290
(21) 2023266290 **(22)** 15.11.2023
(54) Energy prediction device, energy prediction method, and energy prediction program
(51) Int. Cl.
G06Q 50/06 (2012.01)
G05B 19/02 (2006.01)
G06N 7/00 (2023.01)
H02J 3/00 (2006.01)

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(72) Kenichi Hamaguchi; Sho Kazikura;
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(74) FPA Patent Attorneys Pty Ltd

(71) Incyte Corporation
(11) AU-A-2024203916
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(54) AMINOPYRAZINE DIOL COM-
POUNDS AS PI3K-y INHIBITORS
(51) Int. Cl.

C07D 241/20 (2006.01)
A61K 31/497 (2006.01)
A61P 35/00 (2006.01)
C07D 241/28 (2006.01)
C07D 403/04 (2006.01)
C07D 403/08 (2006.01)
C07D 403/14 (2006.01)
C07D 405/12 (2006.01)
C07D 413/04 (2006.01)
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Lixin
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(71) InfraBuild Wire Pty Limited
(11) AU-A-2023274194
(21) 2023274194 (22) 30.11.2023
(54) Post Mounting Bracket
(51) Int. Cl.
E04H 17/14 (2006.01)
E04H 17/00 (2006.01)
E04H 17/20 (2006.01)
(31) 2022903742 (32) 07.12.22 (33) AU
(43) 27.06.2024
(72) Lawrence O'Toole
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(71) INNER MONGOLIA MENGNIU DAIRY
(GROUP) CO., LTD.
(11) AU-A-2023355064
(21) 2023355064 (22) 26.07.2023
(54) PROCESSED CHEESE AND PREPAR-
ATION METHOD THEREFOR
(51) Int. Cl.
A23C 19/00 (2006.01)
A23C 19/076 (2006.01)
A23C 19/09 (2006.01)
(31) 202211599255.5 (32) 12.12.22 (33) CN
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Yue
(74) Wallington-Dummer

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TECHNOLOGY
(11) AU-A-2023375280
(21) 2023375280 (22) 27.10.2023

(54) EXTRACTION METHOD FOR SMALL-
MOLECULE CORN BRAN POLYSAC-
CHARIDE
(51) Int. Cl.
C08B 37/00 (2006.01)
(31) 202211429093.0 (32) 15.11.22 (33) CN
(43) 27.06.2024
(72) LIU, Zhanying; ZHU, Mingda; LIU,
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Yongli
(74) Remarkable IP

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(11) AU-A-2024203813
(21) 2024203813 (22) 05.06.2024
(54) ROLL-FORMING METHODS FOR
MANUFACTURING ROLLER BEAR-
ING SEAL CASE
(51) Int. Cl.
F16C 33/78 (2006.01)
(43) 27.06.2024
(62) 2018347623
(72) LINDER, Maximilian; MYERS, James
(74) IP GATEWAY PATENT & TRADE
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Trustees of the University of Pennsylvania
(21) 2024203766

(71) Ishida Co., Ltd.
(11) AU-A-2023270252
(21) 2023270252 (22) 22.11.2023
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PARATUS
(51) Int. Cl.
B65B 41/12 (2006.01)
B65B 9/13 (2006.01)
B65B 9/20 (2012.01)
B65B 9/207 (2012.01)
(31) 2022-196189 (32) 08.12.22 (33) JP
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H01M 10/617 (2014.01)
H01M 10/42 (2006.01)
H01M 10/613 (2014.01)
H01M 10/63 (2014.01)
H01M 10/6554 (2014.01)
H01M 10/6568 (2014.01)
H01M 50/00 (2021.01)
H05K 7/20 (2006.01)
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WANG, Shuai
(74) Madderns Pty Ltd

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E04H 4/00 (2006.01)
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(72) YAO, Liang
(74) MOHAN MURALI KODIVEL

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Solar Co., Ltd.
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(71) Johnson & Johnson Consumer Inc.
(11) AU-A-2024203897
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(54) Coated particles and their uses
(51) Int. Cl.
A61K 8/44 (2006.01)
A61K 8/85 (2006.01)
A61K 9/51 (2006.01)
A61P 31/04 (2006.01)
A61Q 11/00 (2006.01)
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Latrisha; PETERSON, Sherket;
GLOWACKI, Andrew; PATEL,
Meenakshi
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(21) 2024203803 (22) 05.06.2024
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B65G 17/00 (2006.01)
B65G 19/08 (2006.01)
B65G 19/20 (2006.01)
B65G 19/24 (2006.01)
B65G 19/26 (2006.01)
B65G 23/06 (2006.01)
E21F 13/08 (2006.01)
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 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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G06F 18/2413 (2023.01)
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G06V 10/82 (2022.01)
G06V 20/40 (2022.01)
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G01J 3/42 (2006.01)
A61B 5/145 (2006.01)
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 (51) Int. Cl.
H04N 19/70 (2014.01)
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H04N 19/174 (2014.01)
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A47L 11/20 (2006.01)
A47L 9/04 (2006.01)
A47L 9/06 (2006.01)
A47L 11/202 (2006.01)
A47L 11/40 (2006.01)
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 (54) TRANSFORM-BASED IMAGE CODING METHOD AND DEVICE FOR SAME
 (51) Int. Cl.
H04N 19/60 (2014.01)
H04N 19/122 (2014.01)
H04N 19/132 (2014.01)
H04N 19/18 (2014.01)
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 (51) Int. Cl.
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H04N 19/105 (2014.01)
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 (54) PREDICTION WEIGHTED TABLE-BASED IMAGE/VIDEO CODING METHOD AND APPARATUS
 (51) Int. Cl.
H04N 19/70 (2014.01)
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A47L 9/06 (2006.01)
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A47L 11/40 (2006.01)
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 (51) Int. Cl.
B02C 23/02 (2006.01)
B02C 1/02 (2006.01)
B02C 21/00 (2006.01)
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 (72) Ruggiero, Bruno; Luies, Johan Albertus
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 (54) SYSTEMS AND TOOLS FOR POSITIONING WORKPIECES WITH SURGICAL ROBOTS
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A61F 2/46 (2006.01)
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 (74) Davies Collison Cave Pty Ltd
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 (21) 2024203847 (22) 06.06.2024
 (54) METHODS AND MATERIALS FOR CULTURING, PROLIFERATING, AND DIFFERENTIATING STEM CELLS
 (51) Int. Cl.
C12N 5/07 (2010.01)
A61K 35/36 (2015.01)
C12N 5/071 (2010.01)
C12N 5/074 (2010.01)
 (43) 27.06.2024
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 (11) AU-A-2023274251
 (21) 2023274251 (22) 05.12.2023
 (54) ASSEMBLY FOR WEAR MONITORING AND PREVENTION OF BUSHINGS AND PINS IN PIVOT CONNECTIONS OF ELECTRIC SHOVEL BUCKETS
 (51) Int. Cl.
E02F 3/40 (2006.01)
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E02F 9/00 (2006.01)
F16D 66/02 (2006.01)
 (31) 202203482 (32) 07.12.22 (33) CL

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 FLORES MORALES, Edwin Antonio;
 MORALES MERINO, José Luis
 (74) Halfords IP

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 (21) 2023274252 (22) 05.12.2023
 (54) TEST BENCH FOR SNUBBER
 (51) Int. Cl.
 G01M 13/025 (2019.01)
 G01M 17/00 (2006.01)
 G01M 17/04 (2006.01)
 G01M 17/10 (2006.01)
 (31) 202203481 (32) 07.12.22 (33) CL
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 (72) VERA TORRES, Bernardo Luis;
 ZAMORANO JONES, Claudio Devon
 (74) Halfords IP

(71) Minnetronix Neuro, Inc.
 (11) AU-A-2024203882
 (21) 2024203882 (22) 07.06.2024
 (54) Medical device for accessing the central nervous system
 (51) Int. Cl.
 A61B 17/34 (2006.01)
 (43) 27.06.2024
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 (72) NELSON, Brian Dale; EVANS, Don William Eldon
 (74) Spruson & Ferguson

(71) Mirade Consultants Ltd
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 (21) 2024203893 (22) 07.06.2024
 (54) METHOD AND APPARATUS FOR OFFSHORE CO2-BASED EOR
 (51) Int. Cl.
 E21B 41/00 (2006.01)
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 E21B 43/16 (2006.01)
 E21B 43/40 (2006.01)
 (43) 27.06.2024
 (62) 2017420073
 (72) Baker, Timothy Robert
 (74) Michael Buck IP

(71) MonoSol, LLC
 (11) AU-A-2024203829
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 (51) Int. Cl.
 C11D 17/04 (2006.01)
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 (72) ZEESE, Nicholas; KNIGHT, Jonathon; BRIDEWELL, Victoria
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(71) Morrish, R.
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 (54) ELECTRICAL CONNECTOR

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 H01R 13/28 (2006.01)
 H01R 13/436 (2006.01)
 H01R 13/62 (2006.01)
 H01R 13/627 (2006.01)
 H01R 13/631 (2006.01)
 H01R 13/703 (2006.01)
 H01R 31/06 (2006.01)
 H01R 12/70 (2011.01)
 (31) 2022903766 (32) 09.12.22 (33) AU
 (43) 27.06.2024
 (72) Morrish, Reece
 (74) Michael Buck IP

(71) MyoKardia, Inc.
 (11) AU-A-2024203872
 (21) 2024203872 (22) 07.06.2024
 (54) Treatment of HCM with pyrimidinedione compounds
 (51) Int. Cl.
 A61K 31/513 (2006.01)
 A61P 9/04 (2006.01)
 A61P 9/10 (2006.01)
 (43) 27.06.2024
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 (72) SEMIGRAN, Marc J.; LEE, June H.; LAMBING, Joseph; GREEN, Eric; EVANCHIK, Marc; CARLSON, Timothy; ZHANG, David
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 (21) 2023274149 (22) 29.11.2023
 (54) Method for 3D visualization of sensor data
 (51) Int. Cl.
 G06T 17/05 (2011.01)
 G06T 9/00 (2006.01)
 G06T 15/00 (2011.01)
 G06T 15/02 (2011.01)
 G06T 17/20 (2006.01)
 (31) 22213249.0 (32) 13.12.22 (33) EP
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 (43) 27.06.2024
 (72) Viggo LØVLI; Sigve BØE SKATTUM
 (74) Integrated IP

(71) NBD Innovations Pty Ltd
 (11) AU-A-2023278086
 (21) 2023278086 (22) 07.12.2023
 (54) ITEM DISPLAY SYSTEM
 (51) Int. Cl.
 A47F 7/00 (2006.01)
 A47F 5/08 (2006.01)
 A63C 17/00 (2006.01)
 (31) 2022903791 (32) 12.12.22 (33) AU
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 (72) SIENKEWITZ, Kim; WARD, Luke
 (74) Integrated IP

New York Genome Center see Cornell University
 (21) 2024203815

(71) NINGBO SUNFREE MOTOR TECHNOLOGY COMPANY LIMITED
 (11) AU-A-2023258358
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 (54) QUICKLY-ASSEMBLED ELECTRIC SUNSHADE CURTAIN
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 E06B 9/70 (2006.01)
 E06B 1/04 (2006.01)
 E06B 9/24 (2006.01)
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 (43) 27.06.2024
 (72) Chun JIANG
 (74) Michael Buck IP

(71) Norton (Waterford) Limited
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 (54) Inhaler system
 (51) Int. Cl.
 G16H 50/30 (2018.01)
 A61B 5/087 (2006.01)
 A61M 15/00 (2006.01)
 G16H 20/13 (2018.01)
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 (72) MILTON-EDWARDS, Mark; SAFIOTI, Guilherme; REICH, Michael
 (74) Spruson & Ferguson

(71) Novartis AG; Gilead Sciences, Inc.
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 (54) Antiviral pyrazolopyridinone compounds
 (51) Int. Cl.
 C07D 471/04 (2006.01)
 A61K 31/437 (2006.01)
 A61K 31/444 (2006.01)
 A61K 31/497 (2006.01)
 A61K 31/501 (2006.01)
 A61K 31/506 (2006.01)
 A61K 31/5377 (2006.01)
 A61P 1/00 (2006.01)
 A61P 19/02 (2006.01)
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 A61P 31/12 (2006.01)
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 (72) KONST, Zef; LU, Yipin; MOREAU, Robert Joseph; RAJAPAKSA, Naomi Samadara; SHEARN-NANCE, Galen; TULLY, David Charles; TURNER, Michael Robert; YOUNG, Joseph Michael; ZHAO, Qian; CORKEY, Britton K.; METOBO, Samuel E.
 (74) Davies Collison Cave Pty Ltd

(71) nthalmic holding Pty Ltd
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 (51) Int. Cl.
 G02C 7/02 (2006.01)
 G02C 7/04 (2006.01)

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 (74) FPA Patent Attorneys Pty Ltd
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C07F 9/74 (2006.01)
A61K 31/00 (2006.01)
A61P 1/16 (2006.01)
A61P 25/00 (2006.01)
A61P 29/00 (2006.01)
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 (21) 2024203925 (22) 07.06.2024
 (54) Robotic parking device and handling method
 (51) Int. Cl.
E04H 6/18 (2006.01)
B65G 1/04 (2006.01)
E04H 6/22 (2006.01)
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 (62) 2021250930
 (72) LINDBO, Lars Sverker Ture; WHELAN, Matthew; AKERBLAD, Martin Roland; VON OTTER, Carl Edvin; BRUCE, William Bjorn David
 (74) Griffith Hack
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- (71) Offset Ventures, LLC
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 (54) EXERCISE SYSTEM
 (51) Int. Cl.
A63B 24/00 (2006.01)
A63B 21/00 (2006.01)
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 (74) Collison & Co
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 (21) 2023278082 (22) 07.12.2023
 (54) AN IGNITION COIL DEVICE
 (51) Int. Cl.
H01F 38/12 (2006.01)
F02P 3/04 (2006.01)
H01F 27/04 (2006.01)
H01F 27/32 (2006.01)
H01T 13/04 (2006.01)
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 (72) Urriola, Herman
 (74) Peter Dojlida
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- (71) Portman Nominees Pty Ltd
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 (54) Brace
 (51) Int. Cl.
E05C 17/00 (2006.01)
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 (72) Portman, Ben
 (74) Golja Haines & Friend
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- (71) Prometheus Surgical Limited
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 (54) BONE GRAFT PRODUCTION APPARATUS
 (51) Int. Cl.
A61B 17/88 (2006.01)
A61B 17/17 (2006.01)
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 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) Recurium IP Holdings, LLC
 (11) AU-A-2024203833
 (21) 2024203833 (22) 06.06.2024
 (54) BENZAMIDE COMPOUNDS
 (51) Int. Cl.
C07D 471/04 (2006.01)
A61K 31/404 (2006.01)
A61K 31/437 (2006.01)
A61K 31/496 (2006.01)
A61K 31/5377 (2006.01)
A61P 31/18 (2006.01)
A61P 35/00 (2006.01)
C07D 211/46 (2006.01)
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C07D 471/14 (2006.01)
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 (74) Griffith Hack
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 (54) A Trap or Dispensing Device
 (51) Int. Cl.
A01M 23/16 (2006.01)
A01M 19/00 (2006.01)
A01M 23/14 (2006.01)
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 (72) REDMAYNE, John Michael
 (74) James & Wells Intellectual Property
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- (71) Regeneron Pharmaceuticals, Inc.; Sanofi Biotechnology
 (11) AU-A-2024203849
 (21) 2024203849 (22) 06.06.2024
 (54) Methods for treating or preventing asthma by administering an IL-4R antagonist
 (51) Int. Cl.
A61K 39/395 (2006.01)
A61K 31/00 (2006.01)
A61K 31/167 (2006.01)
A61K 31/56 (2006.01)
A61P 11/06 (2006.01)
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 (11) AU-A-2024203908
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 (54) AUTO-INJECTOR WITH ANTI-ROLL FEATURES
 (51) Int. Cl.
A61M 5/31 (2006.01)
A61M 5/32 (2006.01)
- (43) 27.06.2024
 (62) 2018294324
 (72) Nicholas, Courtney; Barton, Scott; Burgess, Bart; Goraltchouk, Alexei
 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) Saban Ventures Pty Limited
 (11) AU-A-2024203840
 (21) 2024203840 (22) 06.06.2024
 (54) Suspension cleaning
 (51) Int. Cl.
A61L 2/02 (2006.01)
A61B 90/70 (2016.01)
A61L 2/18 (2006.01)
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 (62) 2018382220
 (72) SPARGO, Gavin; PALMER, Kristina; GEBHARDT, Stefan; HINGLEY, Brian
 (74) Spruson & Ferguson
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- (71) Safran Cabin Catering B.V.
 (11) AU-A-2024203880
 (21) 2024203880 (22) 07.06.2024
 (54) Smart service trolley and trolley support system
 (51) Int. Cl.
B64D 9/00 (2006.01)
B64D 11/00 (2006.01)
B64F 5/50 (2017.01)

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 (62) 2019247898
 (72) TSAY, Jenny; GÓMEZ SERRANO, Sergio Luis; VERWEIJ, Ron; HOFFMAN, Arne
 (74) FB Rice Pty Ltd

(71) Samsonite IP Holdings S.à r.l.
 (11) AU-A-2023278063
 (21) 2023278063 (22) 07.12.2023
 (54) LUGGAGE ARTICLE ATTACHMENT MEMBER
 (51) Int. Cl.
 A45C 13/28 (2006.01)
 A45C 5/03 (2006.01)
 A45C 13/30 (2006.01)
 (31) 18/077,146 (32) 07.12.22 (33) US
 (43) 27.06.2024
 (72) KARL, Philip Justin; BOPANNA, Ulliyada
 (74) BOSH IP Pty Ltd

Sanofi Biotechnology see Regeneron Pharmaceuticals, Inc.
 (21) 2024203849

(71) SAS INSTITUTE INC.
 (11) AU-A-2023375284
 (21) 2023375284 (22) 05.12.2023
 (54) SYSTEMS AND METHODS FOR CONFIGURING AND USING A MULTI-STAGE OBJECT CLASSIFICATION AND CONDITION PIPELINE
 (51) Int. Cl.
 G06V 10/764 (2022.01)
 G06T 3/40 (2006.01)
 G06T 7/11 (2017.01)
 G06V 10/82 (2022.01)
 (31) 63/431,277 (32) 08.12.22 (33) US
 (43) 27.06.2024
 (72) BLANCHARD, Robert, Winston; VENGATESHWARAN, Neela, Niranjani
 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

(71) Schlage Lock Company LLC
 (11) AU-A-2024203879
 (21) 2024203879 (22) 07.06.2024
 (54) Sensing and control of access control devices
 (51) Int. Cl.
 E05B 47/02 (2006.01)
 E05B 17/22 (2006.01)
 E05B 65/10 (2006.01)
 (43) 27.06.2024
 (62) 2020325216
 (72) KUSANALE, Vishal S.; VEDAMURTHY, Avinash K.; CARPENTER, John C.
 (74) Alder IP Pty Ltd

(71) Scholar Rock, Inc.
 (11) AU-A-2024203412
 (21) 2024203412 (22) 22.05.2024
 (54) Use of myostatin inhibitors and combination therapies
 (51) Int. Cl.

C07K 16/22 (2006.01)
A61K 39/00 (2006.01)
A61P 21/00 (2006.01)
 (43) 27.06.2024
 (62) 2021261907
 (72) LONG, Kimberly; DONOVAN, Adriana; CHYUNG, Yung; STRAUB, Michelle
 (74) FB Rice Pty Ltd

(71) Seminis Vegetable Seeds, Inc.
 (11) AU-A-2024202808
 (21) 2024202808 (22) 30.04.2024
 (54) COMPOSITIONS AND METHODS FOR PERONOSPORA RESISTANCE IN SPINACH
 (51) Int. Cl.
 A01H 5/00 (2018.01)
 A01H 5/12 (2018.01)
 C12N 15/29 (2006.01)
 (43) 27.06.2024
 (62) 2021203092
 (72) Brugmans, Bart Willem; Meeuwssen, John; Nooyen, Claudia
 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

(71) Seres Therapeutics, Inc.
 (11) AU-A-2024202421
 (21) 2024202421 (22) 12.04.2024
 (54) COMPOSITIONS AND METHODS
 (51) Int. Cl.
 A01N 63/00 (2020.01)
 A01N 65/00 (2009.01)
 (43) 27.06.2024
 (62) 2020260564
 (72) McKenzie, Gregory; McKenzie, Mary-Jane Lombardo; Cook, David; Vulic, Marin; Von Maltzahn, Geoffrey; Goodman, Brian; Aunins, John G.; Henn, Matthew R.; Berry, David A.; Winkler, Jonathan
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) ServiceNow, Inc.
 (11) AU-A-2023274056
 (21) 2023274056 (22) 27.11.2023
 (54) CENTRALIZED CONFIGURATION AND CHANGE TRACKING FOR A COMPUTING PLATFORM
 (51) Int. Cl.
 G06F 9/00 (2006.01)
 G06F 16/00 (2019.01)
 (31) 18/076,736 (32) 07.12.22 (33) US
 (43) 27.06.2024
 (72) Brian James Waplington; Hyung Kim; Michael Steven Ludwig; Ravindra Bansal; Benny Van de Sompele; Swapnesh Patel
 (74) Madderns Pty Ltd

(71) ServiceNow, Inc.
 (11) AU-A-2023274061
 (21) 2023274061 (22) 27.11.2023
 (54) COMPUTATIONALLY EFFICIENT TRaversal OF VIRTUAL TABLES
 (51) Int. Cl.
 G06F 16/33 (2019.01)

(31) 18/076,744 (32) 07.12.22 (33) US
 (43) 27.06.2024
 (72) Brian James Waplington
 (74) Madderns Pty Ltd

(71) SharkNinja Operating LLC
 (11) AU-A-2024203891
 (21) 2024203891 (22) 07.06.2024
 (54) COOKING DEVICE AND COMPONENTS THEREOF
 (51) Int. Cl.
 A47J 37/01 (2006.01)
 (43) 27.06.2024
 (62) 2022252800
 (72) Martin, Christopher T.; Guerin, Thomas; Jackson, Roger Neil; Anthony, Joshua D.; Schwarz, Kerry; Dubeau, Michaela
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Shenzhen Aiduoduo Technology Co., Ltd.
 (11) AU-A-2023278012
 (21) 2023278012 (22) 05.12.2023
 (54) CUTTING PLOTTER
 (51) Int. Cl.
 B26D 7/26 (2006.01)
 B26D 5/08 (2006.01)
 B26D 5/10 (2006.01)
 B26D 7/00 (2006.01)
 B26D 7/01 (2006.01)
 B26F 1/38 (2006.01)
 (31) 202211578200.6 (32) 09.12.22 (33) CN
 (43) 27.06.2024
 (72) LEI, Qian; LEI, Wanchun; LIU, Hexin
 (74) Collison & Co

(71) Sungrow Power Supply Co., Ltd.
 (11) AU-A-2023254921
 (21) 2023254921 (22) 25.10.2023
 (54) Micro inverter and modulation method thereof
 (51) Int. Cl.
 H02M 3/22 (2006.01)
 H02M 5/10 (2006.01)
 H02M 7/42 (2006.01)
 H02S 40/32 (2014.01)
 (31) 202211594124.8 (32) 13.12.22 (33) CN
 (43) 27.06.2024
 (72) WANG, Zichen; GU, Yu; CHEN, Qiaodi; WANG, Hao; WANG, Baoji
 (74) Davies Collison Cave Pty Ltd

(71) Swim Gym Equipment Pty Ltd
 (11) AU-A-2023278006
 (21) 2023278006 (22) 05.12.2023
 (54) Swimming Training Device
 (51) Int. Cl.
 A63B 69/10 (2006.01)
 A63B 21/00 (2006.01)
 A63B 21/055 (2006.01)
 (31) 2022903750 (32) 08.12.22 (33) AU
 (43) 27.06.2024

(72) Stevens, Robert; Carlson, Clark Leonard
 (74) Armour IP

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- (71) Taskmaster Technologies, Inc.
 (11) AU-A-2024203739
 (21) 2024203739 (22) 03.06.2024
 (54) IDENTIFICATION AND MANAGEMENT OF CANNIBALISTIC ADS TO IMPROVE INTERNET ADVERTISING EFFICIENCY
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- (51) Int. Cl.
G06Q 30/02 (2023.01)
G06Q 30/00 (2023.01)
G06Q 30/06 (2023.01)
- (43) 27.06.2024
 (62) 2021305814
 (72) LEBARON, Matt; HOLSWORTH, John
 (74) Kings Patent & Trade Marks Attorneys Pty Ltd
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- (71) Teleflex Life Sciences II LLC
 (11) AU-A-2024203824
 (21) 2024203824 (22) 06.06.2024
 (54) INTRAOSSEOUS ACCESS DEVICE AND METHOD TO ACCESS BONE MARROW
- (51) Int. Cl.
A61B 17/34 (2006.01)
- (43) 27.06.2024
 (62) 2022200867
 (72) TIERNEY, Morgan; FOMINAS, Alex
 (74) RnB IP Pty Ltd
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- The Broad Institute, Inc. see Cornell University**
 (21) 2024203815
-
- (71) The Regents of the University of Michigan
 (11) AU-A-2024203907
 (21) 2024203907 (22) 07.06.2024
 (54) INDIVIDUAL AND COHORT PHARMACOLOGICAL PHENOTYPE PREDICTION PLATFORM
- (51) Int. Cl.
A61K 31/37 (2006.01)
- (43) 27.06.2024
 (62) 2018265421
 (72) Athey, Brian D.; Allyn-Feuer, Ari; Higgins, Gerald A.; Burns, James S.; Kallinin, Alexandr; Pauls, Brian; Ade, Alex; Reamaroon, Narathip
 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) The Trustees of the University of Pennsylvania; The Wistar Institute of Anatomy and Biology; Inovio Pharmaceuticals, Inc.
 (11) AU-A-2024203766
 (21) 2024203766 (22) 04.06.2024
 (54) DNA antibody constructs for use against *Pseudomonas aeruginosa*
- (51) Int. Cl.
C07K 16/00 (2006.01)
A61K 39/40 (2006.01)
C07K 16/12 (2006.01)
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- (43) 27.06.2024
 (62) 2017261374
 (72) WEINER, David; PATEL, Ami; YAN, Jian
 (74) FB Rice Pty Ltd
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- (71) The University of Queensland
 (11) AU-A-2024203886
 (21) 2024203886 (22) 07.06.2024
 (54) Detection Method
- (51) Int. Cl.
C07F 5/04 (2006.01)
G01N 21/64 (2006.01)
G01N 33/22 (2006.01)
- (43) 27.06.2024
 (62) 2022259719
 (72) BURN, Paul Leslie; SHAW, Paul Edward; FAN, Shengqiang
 (74) FB Rice Pty Ltd
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- The Wistar Institute of Anatomy and Biology see The Trustees of the University of Pennsylvania**
 (21) 2024203766
-
- (71) Tkachenko, A.
 (11) AU-A-2023278122
 (21) 2023278122 (22) 09.12.2023
 (54) Updraft tower power plant with flexible chimney that uses lifting force of kites.
- (51) Int. Cl.
F03D 9/32 (2016.01)
E04H 12/28 (2006.01)
F03D 7/00 (2006.01)
F03G 6/04 (2006.01)
F03D 5/00 (2006.01)
F03D 9/35 (2016.01)
- (31) 2022903782 (32) 11.12.22 (33) AU
 (43) 27.06.2024
 (72) Tkachenko, Alexey
 (74) Alexey Tkachenko
-
- (71) Torok, L.
 (11) AU-A-2023282178
 (21) 2023282178 (22) 11.12.2023
 (54) Automotive amphibian trailer assembly
- (51) Int. Cl.
B60F 3/00 (2006.01)
B62D 63/06 (2006.01)
B63B 7/08 (2020.01)
B63B 35/36 (2006.01)
B63B 35/54 (2006.01)
- (31) 2022903807 (32) 13.12.22 (33) AU
 (43) 27.06.2024
 (72) TOROK, Laszlo
 (74) Spruson & Ferguson
-
- (71) Trina Solar Co., Ltd.
 (11) AU-A-2024203959
 (21) 2024203959 (22) 11.06.2024
 (54) Solar cell and preparation method thereof, photovoltaic module, and photovoltaic system
- (51) Int. Cl.
H01L 31/04 (2014.01)
H01L 31/02 (2006.01)
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- H01L 31/0216** (2014.01)
H01L 31/0224 (2006.01)
H01L 31/0236 (2006.01)
H01L 31/06 (2012.01)
- (31) 202311724283.X (32) 15.12.23 (33) CN
 (43) 27.06.2024
 (72) CHEN, Daming; LIU, Wei; CHEN, Yifeng; LV, Dongyun
 (74) FB Rice Pty Ltd
-
- (71) United States Gypsum Company
 (11) AU-A-2024203818
 (21) 2024203818 (22) 06.06.2024
 (54) Gypsum composition comprising uncooked starch having mid-range viscosity, and methods and products related thereto
- (51) Int. Cl.
C04B 28/14 (2006.01)
B32B 13/00 (2006.01)
- (43) 27.06.2024
 (62) 2018303666
 (72) SANG, Yijun; CHRIST, Brian J.
 (74) James & Wells Intellectual Property
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- (71) University of Washington through its Center for Commercialization
 (11) AU-A-2024203814
 (21) 2024203814 (22) 05.06.2024
 (54) Compositions and methods for improving nanopore sequencing
- (51) Int. Cl.
C12Q 1/68 (2018.01)
C12N 15/11 (2006.01)
G01N 27/26 (2006.01)
- (43) 27.06.2024
 (62) 2021206796
 (72) GUNDLACH, Jens H.; LASZLO, Andrew
 (74) Spruson & Ferguson
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- (71) UTECTURE GLOBAL LIMITED
 (11) AU-A-2024203903
 (21) 2024203903 (22) 07.06.2024
 (54) Method, system and graphical user interface for building design
- (51) Int. Cl.
G06F 30/00 (2020.01)
- (43) 27.06.2024
 (62) 2019231514
 (72) WILLIAMS, Timothy Ronan; DONOVAN, Kyle Francis; DONOVAN, Brett Norman
 (74) FPA Patent Attorneys Pty Ltd
-
- (71) VIBE DYNAMICS PTY LTD
 (11) AU-A-2024203883
 (21) 2024203883 (22) 07.06.2024
 (54) NON-INVASIVE STIMULATION APPARATUS AND METHOD FOR REHABILITATION AND TREATMENT OF SEXUAL DYSFUNCTIONS
- (51) Int. Cl.
A61H 19/00 (2006.01)
A61F 5/41 (2006.01)
A61H 23/02 (2006.01)
A61H 39/00 (2006.01)

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- A61N 1/04** (2006.01)
A61N 1/36 (2006.01)
(43) 27.06.2024
(62) 2023238216
(72) ROBINSON, Kym; JENKINS, Paul
(74) Adams Pluck
-
- (71)** VIDEO GAMING TECHNOLOGIES, INC.
(11) AU-A-2024203895
(21) 2024203895 **(22)** 07.06.2024
(54) Gaming machine with a curved display
(51) Int. Cl.
A63F 13/00 (2014.01)
(43) 27.06.2024
(62) 2021290441
(72) HENNESSY, Edward; CUDDY, Ryan; SPRINKLE, Jason Todd; MELLENDER, Paul W.
(74) Griffith Hack
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- (71)** Viela Bio, Inc.
(11) AU-A-2024203701
(21) 2024203701 **(22)** 03.06.2024
(54) ILT7 BINDING MOLECULES AND METHODS OF USING THE SAME
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
C07K 16/46 (2006.01)
C12N 15/13 (2006.01)
C12P 21/08 (2006.01)
(43) 27.06.2024
(62) 2017231833
(72) Vousden, Katherine Ann; Douthwaite, Julie Ann; Damschroder, Melissa Marie; Sanjuan, Miguel Angel
(74) PHILLIPS ORMONDE FITZPATRICK
-
- (71)** Visterra, Inc.
(11) AU-A-2024202246
(21) 2024202246 **(22)** 08.04.2024
(54) FORMULATIONS OF ANTIBODY MOLECULES TO INFLUENZA VIRUS
(51) Int. Cl.
C07K 16/10 (2006.01)
A61K 39/395 (2006.01)
A61P 31/16 (2006.01)
(43) 27.06.2024
(62) 2017222564
(72) Sloan, Susan; Xu, Bi
(74) K&L Gates
-
- (71)** VOLVO AUTONOMOUS SOLUTIONS AB
(11) AU-A-2023278004
(21) 2023278004 **(22)** 05.12.2023
(54) Longitudinal offsets to a predefined path
(51) Int. Cl.
B60W 60/00 (2020.01)
G05D 1/43 (2024.01)
(31) 22213160.9 **(32)** 13.12.22 **(33)** EP
(43) 27.06.2024
(72) SKILLSÄTER, Calle; GÖTLIND, Helena; SJÖBERG, Johan
(74) Griffith Hack

- (71)** Wayne State University
(11) AU-A-2024203852
(21) 2024203852 **(22)** 06.06.2024
(54) METHOD OF ENHANCING VIRAL-MEDIATED GENE DELIVERY IN THE EYE USING PROTEOSOME INHIBITORS
(51) Int. Cl.
A61K 35/76 (2015.01)
A61K 48/00 (2006.01)
C12N 15/86 (2006.01)
(43) 27.06.2024
(62) 2017259827
(72) Pan, Zhuo-Hua; Cui, Shengjie; Abrams, Gary
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71)** XCEL IP Pty Ltd
(11) AU-A-2023200155
(21) 2023200155 **(22)** 12.01.2023
(54) FOLDABLE SOLAR POWER GENERATION DEVICE
(51) Int. Cl.
H02S 30/20 (2014.01)
H02S 20/30 (2014.01)
(31) 2022115731254 **(32)** 08.12.22 **(33)** CN
 2022232958160 08.12.22 CN
(43) 27.06.2024
(72) Wei, Zhihai; Xu, Haitao
(74) Madderns Pty Ltd
-
- (71)** XWpharma Ltd.
(11) AU-A-2024203801
(21) 2024203801 **(22)** 05.06.2024
(54) Controlled release granulations of water-soluble active pharmaceutical ingredients
(51) Int. Cl.
A61K 9/50 (2006.01)
A61K 31/00 (2006.01)
(43) 27.06.2024
(62) 2021292406
(72) KARABORNI, Sami; CANAFAX, Daniel M.; XIANG, Jia-Ning; TIEN, James; KIRKLAND, Nicolas D.; XIANG, William W.
(74) Minter Ellison

- (71)** Zealand Pharma A/S
(11) AU-A-2024202486
(21) 2024202486 **(22)** 16.04.2024
(54) Dosage regimes for the administration of glucagon-like-peptide-2 (GLP-2) analogues
(51) Int. Cl.
A61K 38/26 (2006.01)
A61P 1/00 (2006.01)
(43) 27.06.2024
(62) 2018285580
(72) SONNE, Kim; MOURITZEN, Ulrik; GLERUP, Peter; JEPPESEN, Palle Bekker
(74) FB Rice Pty Ltd

- (71)** Zhejiang Jinko Solar Co., Ltd.; Jinko Solar Co., Ltd.
(11) AU-A-2023202291
(21) 2023202291 **(22)** 13.04.2023
(54) SOLAR CELL, METHOD FOR PREPARING SAME, AND PHOTOVOLTAIC MODULE
(51) Int. Cl.
H01L 31/0216 (2014.01)
H01L 31/0224 (2006.01)
H01L 31/046 (2014.01)
H01L 31/048 (2014.01)
H01L 31/18 (2006.01)
(31) 202211569073.3 **(32)** 07.12.22 **(33)** CN
(43) 27.06.2024
(72) Wang, Zhao; Zheng, Peiting; Yang, Jie; Zhu, Jiajia; Zhu, Simin
(74) Madderns Pty Ltd
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- (71)** Zhejiang Jinko Solar Co., Ltd.; Jinko Solar Co., Ltd.
(11) AU-A-2023203897
(21) 2023203897 **(22)** 20.06.2023
(54) PHOTOVOLTAIC MODULE
(51) Int. Cl.
H01L 31/0224 (2006.01)
H01L 31/02 (2006.01)
(31) 202211600794.6 **(32)** 12.12.22 **(33)** CN
(43) 27.06.2024
(72) Guo, Zhiqiu; Wu, Yuhao; Hao, Guohui; Huang, Shiliang
(74) Madderns Pty Ltd

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2024203402	BioAtla, LLC	2024203894	Applied Medical Resources Corporation
2024203412	Scholar Rock, Inc.	2024203895	VIDEO GAMING TECHNOLOGIES, INC.
2024203701	Viel Bio, Inc.	2024203896	Aviana Molecular Technologies, LLC
2024203739	Taskmaster Technologies, Inc.	2024203897	Johnson & Johnson Consumer Inc.
2024203766	The Trustees of the University of Pennsylvania; The Wistar Institute of Anatomy and Biology; Inovio Pharmaceuticals, Inc.	2024203899	DUSA Pharmaceuticals, Inc.
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2024203912	Electrolux Appliances Aktiebolag
2024203913	Prometheus Surgical Limited
2024203914	AeroVironment, Inc.
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(This list may contain multiple listings of a patent where there are multiple patentees for that patent.)

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(11) AU-A-2020104505

(21) 2020104505 **(22)** 29.04.2020

(54) A penning system

(51) Int. Cl.

A01K 1/00 (2006.01)

(31) 2019250258 **(32)** 18.10.19 **(33)** AU

(45) 27.06.2024

(72) BANNON, Michael

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<p>(71) 2446914 ONTARIO INC. (11) AU-A-2022408216 (21) 2022408216 (22) 15.12.2022 (54) MODULAR PRESS BRAKE HAVING IMPROVED COMPONENTS AND ACCESSORIES (51) Int. Cl. <i>B21D 5/04</i> (2006.01) <i>B30B 15/00</i> (2006.01) (87) WO2023/108285 (31) 63/289,887 (32) 15.12.21 (33) US (43) 22.06.2023 (72) CLOUTIER, Alexandre; DUMAS, Alexandre; BÉLANGER, Simon; BRENNAN, Gabriel (74) Oxygene IP</p>	<p><i>C01B 3/38</i> (2006.01) <i>B01J 8/06</i> (2006.01) <i>C01B 3/50</i> (2006.01) <i>F23D 14/00</i> (2006.01) (87) WO2023/089571 (31) 63/280,761 (32) 18.11.21 (33) US 63/280,774 18.11.21 US 63/280,786 18.11.21 US 63/280,793 18.11.21 US 63/423,301 07.11.22 US (43) 25.05.2023 (72) ALLAM, Rodney John (74) FB Rice Pty Ltd</p>	<p>(43) 25.05.2023 (72) ALLAM, Rodney John (74) FB Rice Pty Ltd</p>
<p>(71) 374WATER INC. (11) AU-A-2022420948 (21) 2022420948 (22) 20.12.2022 (54) SCWO SYSTEM FOR TREATMENT OF HIGH-STRENGTH WASTES (51) Int. Cl. <i>C02F 1/72</i> (2023.01) <i>C02F 11/08</i> (2006.01) (87) WO2023/122054 (31) 63/265,759 (32) 20.12.21 (33) US (43) 29.06.2023 (72) DESHUSSES, Marc; NAGAR, Yaacov; BALLENGHIEN, David; HARIF, Hamutal (74) Argon IP Advisory Pty Ltd</p>	<p>(71) 8 RIVERS CAPITAL, LLC (11) AU-A-2022392827 (21) 2022392827 (22) 18.11.2022 (54) HEAT GENERATION FOR SEPARATE ENDOTHERMIC PROCESS WITH CARBON CAPTURE (51) Int. Cl. <i>F23C 9/00</i> (2006.01) <i>F23J 15/06</i> (2006.01) <i>F23L 7/00</i> (2006.01) <i>F23L 15/04</i> (2006.01) (87) WO2023/089572 (31) 63/280,822 (32) 18.11.21 (33) US (43) 25.05.2023 (72) ALLAM, Rodney John; BROWN, JR., Glenn William (74) FB Rice Pty Ltd</p>	<p>(71) A. RAYMOND ET CIE (11) AU-A-2022428543 (21) 2022428543 (22) 20.07.2022 (54) MOUNTING MEMBER (51) Int. Cl. <i>H02S 30/10</i> (2014.01) (87) WO2023/124028 (31) 202111666027.0 (32) 31.12.21 (33) CN (43) 06.07.2023 (72) ZHENG, Li; WANG, Wei (74) FPA Patent Attorneys Pty Ltd</p>
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 BLUENEWABLES, S.L.
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B63B 1/10 (2006.01)
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 Alexander; NOBLE, Charles, O.;
 DRUMMOND, Daryl, C.
 (74) WRAYS PTY LTD
-
- (71) ALCON INC.
 (11) AU-A-2023211636
 (21) 2023211636 (22) 12.01.2023
 (54) ADJUSTABLE INTRAOCULAR
 LENSES AND METHODS OF
 POST#OPERATIVELY ADJUSTING IN-
 TRAOCULAR LENSES
 (51) Int. Cl.
A61F 2/16 (2006.01)
A61F 2/14 (2006.01)
G02C 7/02 (2006.01)
G02C 7/04 (2006.01)
 (87) WO2023/147224
 (31) 63/267,376 (32) 31.01.22 (33) US
 (43) 03.08.2023
 (72) IRBY, Sean Michael; AGARWAL, Shiv-
 am
 (74) PHILLIPS ORMONDE FITZPATRICK
-
- (71) ALTAVIZ, LLC
 (11) AU-A-2022408060
 (21) 2022408060 (22) 06.12.2022
 (54) GAS POWERED AUTO-INJECTORS
 AND METHODS FOR USE
 (51) Int. Cl.
A61M 5/20 (2006.01)
 (87) WO2023/107515
 (31) 63/286,508 (32) 06.12.21 (33) US
 (43) 15.06.2023
 (72) MCCAWLEY, Matthew; AULD, Jack, R.
 (74) LAMINAR IP PTY LTD
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- (71) ALTEOGEN INC.
 (11) AU-A-2023289270
 (21) 2023289270 (22) 21.06.2023
 (54) N-TERMINAL AND/OR C-TERMIN-
 AL CLEAVED SOLUBLE PH20 POLY-
 PEPTIDE AND USE THEREOF
 (51) Int. Cl.
C12N 9/26 (2006.01)
C07K 14/47 (2006.01)
 (87) WO2023/249408
 (31) 10-2022-0076030 (32) 22.06.22 (33) KR
 (43) 28.12.2023
 (72) PARK, Soon Jae; KIM, Kyuwan; YUN,
 Sang Hoon; SONG, Hyung-Nam
 (74) Madderns Pty Ltd
-
- (71) AMERICAN STERILIZER COMPANY
 (11) AU-A-2022404956
 (21) 2022404956 (22) 30.11.2022
 (54) SURGICAL LIGHTING SYSTEM CO-
 ILLUMINATION DETECTION
 (51) Int. Cl.
A61B 90/30 (2016.01)
 (87) WO2023/107306
 (31) 17/543,129 (32) 06.12.21 (33) US
 (43) 15.06.2023
 (72) HOLLOPETER, Michael; YODER, Ben-
 jamin, L.
 (74) WRAYS PTY LTD
-
- (71) AMERICAN STERILIZER COMPANY
 (11) AU-A-2022415176
 (21) 2022415176 (22) 17.11.2022
 (54) POSITIONING AID AND METHOD TO
 FEED TOOLS INTO CHANNELS OF A
 FLEXIBLE ENDOSCOPE THROUGH
 CONTROL HANDLE'S AIR/WATER
 AND SUCTION VALVE CYLINDER
 PORTS
 (51) Int. Cl.
A61B 1/00 (2006.01)
A61B 1/12 (2006.01)
 (87) WO2023/113966
 (31) 63/290,695 (32) 17.12.21 (33) US
 (43) 22.06.2023
 (72) ROBINSON, Nancy A.; NERANDZIC,
 Michelle M.; LESZCZ, Elizabeth
 (74) WRAYS PTY LTD
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- (71) AMI HOLDINGS LIMITED
 (11) AU-A-2022417068
 (21) 2022417068 (22) 16.12.2022

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

(54) DYNAMIC ADJUSTMENT OF PRO-FILE FEED IN A SOCIAL NETWORK
 (51) Int. Cl.
G06Q 30/0251 (2023.01)
G06Q 50/00 (2012.01)
 (87) WO2023/111988
 (31) 63/290,988 (32) 17.12.21 (33) US
 (43) 22.06.2023
 (72) BENCHETRIT, Ronen
 (74) RnB IP Pty Ltd

(71) AN2 THERAPEUTICS, INC.
 (11) AU-A-2022405079
 (21) 2022405079 (22) 06.12.2022
 (54) COMBINATIONS
 (51) Int. Cl.
A61K 31/133 (2006.01)
A61K 31/69 (2006.01)
C07C 233/13 (2006.01)
C07F 5/04 (2006.01)
 (87) WO2023/107923
 (31) 63/286,989 (32) 07.12.21 (33) US
 63/416,059 14.10.22 US
 (43) 15.06.2023
 (72) ALLEY, Michael Richard Kevin;
 EASOM, Eric Edward; ECKBURG, Paul
 Brian; KRAUSE, Kevin Michael; TAL-
 BOT, George H.
 (74) Davies Collison Cave Pty Ltd

(71) AN2 THERAPEUTICS, INC.
 (11) AU-A-2022405195
 (21) 2022405195 (22) 18.05.2022
 (54) NON-TUBERCULOSIS MYCOBACTERIA INFECTION TREATMENT
 (51) Int. Cl.
C07F 5/02 (2006.01)
A61P 31/04 (2006.01)
C07F 5/04 (2006.01)
 (87) WO2023/107149
 (31) 63/286,989 (32) 07.12.21 (33) US
 (43) 15.06.2023
 (72) ALLEY, Michael Richard Kevin;
 EASOM, Eric Edward; ECKBURG, Paul
 Brian; KRAUSE, Kevin Michael; TAL-
 BOT, George H.
 (74) Davies Collison Cave Pty Ltd

(71) APOSCIENCE AG
 (11) AU-A-2022422167
 (21) 2022422167 (22) 20.12.2022
 (54) COMPOSITION FOR TREATING OR PREVENTING VASCULITIS AND DISEASES ASSOCIATED WITH VASCULITIS
 (51) Int. Cl.
A61K 35/15 (2015.01)
A61K 35/17 (2015.01)
A61P 9/14 (2006.01)
C12N 5/078 (2010.01)
C12N 5/0786 (2010.01)
 (87) WO2023/118219
 (31) 21216132.7 (32) 20.12.21 (33) EP
 (43) 29.06.2023
 (72) ANKERSMIT, Hendrik Jan; MILDNER, Michael
 (74) James & Wells Intellectual Property

(71) APPLIED IMPACT ROBOTICS, INC
 (11) AU-A-2022406517
 (21) 2022406517 (22) 10.05.2022
 (54) ROBOTIC SOLUTION TO PENETRATE AND MANEUVER THROUGH SLUDGE AND SEDIMENT
 (51) Int. Cl.
B25J 11/00 (2006.01)
B25J 5/00 (2006.01)
B25J 9/00 (2006.01)
B25J 9/12 (2006.01)
 (87) WO2023/107147
 (31) 17/543,344 (32) 06.12.21 (33) US
 (43) 15.06.2023
 (72) BRIGGS, Fred Melville, IV; WERNICK, Brandon Pollett
 (74) RnB IP Pty Ltd

(71) ARBEL, A.
 (11) AU-A-2022385578
 (21) 2022385578 (22) 09.11.2022
 (54) A ROAD-BASED SOLAR SYSTEM FOR PRODUCTION OF HYDROGEN AND ELECTRICITY
 (51) Int. Cl.
H02S 20/21 (2014.01)
B60L 53/51 (2019.01)
C07C 1/02 (2006.01)
C25B 1/04 (2021.01)
 (87) WO2023/084511
 (31) 63/277,175 (32) 09.11.21 (33) US
 (43) 19.05.2023
 (72) ARBEL, Avraham
 (74) WRAYS PTY LTD

(71) ARCELORMITTAL
 (11) AU-A-2021479543
 (21) 2021479543 (22) 20.12.2021
 (54) METHOD FOR MANUFACTURING IRON METAL BY ELECTROLYSIS
 (51) Int. Cl.
C25C 1/06 (2006.01)
 (87) WO2023/118925
 (43) 29.06.2023
 (72) LAVELAINE DE MAUBEUGE, Hervé
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) ARCELORMITTAL; JOHN COCKERILL S.A.
 (11) AU-A-2022412065
 (21) 2022412065 (22) 14.12.2022
 (54) ELECTROLYSIS APPARATUS FOR THE PRODUCTION OF IRON WITH AN IMPROVED GAS PERMEABLE ANODE PLATE
 (51) Int. Cl.
C25C 1/06 (2006.01)
C25C 7/02 (2006.01)
 (87) WO2023/111899
 (31) PCT/IB2021/061763 (32) 15.12.21 (33) IB
 (43) 22.06.2023
 (72) LAVELAINE DE MAUBEUGE, Hervé; VAN HEE, Luc; FLANDRE, Cédric
 (74) Davies Collison Cave Pty Ltd

(71) ARCHER OILTOOLS AS
 (11) AU-A-2022415895
 (21) 2022415895 (22) 19.12.2022
 (54) AUXILIARY RIG AND METHOD OF REMOVING A WELL TUBING FROM A PETROLEUM WELL
 (51) Int. Cl.
E21B 15/00 (2006.01)
E21B 19/06 (2006.01)
E21B 29/00 (2006.01)
 (87) WO2023/113617
 (31) 20211540 (32) 17.12.21 (33) NO
 (43) 22.06.2023
 (72) SKJEIE, Trond
 (74) Griffith Hack

(71) ARCTURUS THERAPEUTICS, INC.
 (11) AU-A-2022387111
 (21) 2022387111 (22) 10.11.2022
 (54) IONIZABLE CATIONIC LIPIDS FOR RNA DELIVERY
 (51) Int. Cl.
C07C 333/04 (2006.01)
A61K 9/127 (2006.01)
A61K 47/26 (2006.01)
C07C 271/22 (2006.01)
 (87) WO2023/086514
 (31) 63/278,242 (32) 11.11.21 (33) US
 (43) 19.05.2023
 (72) RAJAPPAN, Kumar; TANIS, Steven; SAGI, Amit; KARMALI, Priya, Prakash; CHIVUKULA, Padmanabh
 (74) Spruson & Ferguson

(71) ARKEMA FRANCE
 (11) AU-A-2022425599
 (21) 2022425599 (22) 19.12.2022
 (54) SOLID DESICCANT RESISTANT TO ALKALI HYDROXIDES
 (51) Int. Cl.
B01D 53/26 (2006.01)
B01D 53/02 (2006.01)
B01D 53/28 (2006.01)
C01B 3/58 (2006.01)
 (87) WO2023/126595
 (31) FR2114669 (32) 30.12.21 (33) FR
 (43) 06.07.2023
 (72) RAVON, Ugo; LUTZ, Cécile; GLAUDEIX, Isabelle; SZENDROVICS, Sylvie
 (74) Griffith Hack

(71) ARXADA AG
 (11) AU-A-2022387742
 (21) 2022387742 (22) 18.10.2022
 (54) POLYOL-DERIVED COMPOUNDS
 (51) Int. Cl.
C07C 69/675 (2006.01)
C07C 67/03 (2006.01)
C07C 67/31 (2006.01)
C07C 69/738 (2006.01)
C07H 13/04 (2006.01)
 (87) WO2023/083570
 (31) 21208071.7 (32) 12.11.21 (33) EP
 (43) 19.05.2023
 (72) MAYERHOEFFER, Ulrich; BENZ, Sebastian; MICHEL, Janis; DARDANO, Florian; HAEDENER, Marianne
 (74) PHILLIPS ORMONDE FITZPATRICK

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

<p>(71) ASAHU GROUP HOLDINGS, LTD.; ASAHU BREWERIES, LTD. (11) AU-A-2022424265 (21) 2022424265 (22) 28.10.2022 (54) REMAINING-AMOUNT DETECTION DEVICE AND CARBON DIOXIDE GAS SUPPLYING DEVICE (51) Int. Cl. B67D 1/08 (2006.01) B67D 1/14 (2006.01) (87) WO2023/127282 (31) 2021-213026 (32) 27.12.21 (33) JP (43) 06.07.2023 (72) YAMASHITA, Naoyuki; IMAI, Hirofumi; SHIRAISHI, Kazuya; UCHIDA, Hisashi (74) Spruson & Ferguson</p>	<p>(31) 63/279,650 (32) 15.11.21 (33) US 17/984,101 09.11.22 US (43) 19.05.2023 (72) PEREZ, Joel; WONG, Geoffrey; ROMO, Duane (74) Davies Collison Cave Pty Ltd</p>	<p>(43) 25.05.2023 (72) CLAY, Oliver James; ROBBINS, Steph- en John (74) Flint Intellectual Property Limited</p>
<p>(71) ASAHU GROUP HOLDINGS, LTD.; ASAHU BREWERIES, LTD. (11) AU-A-2022425767 (21) 2022425767 (22) 28.10.2022 (54) CARBON DIOXIDE GAS SUPPLY DEVICE (51) Int. Cl. B67D 1/12 (2006.01) G05D 16/06 (2006.01) G05D 16/20 (2006.01) (87) WO2023/127281 (31) 2021-213027 (32) 27.12.21 (33) JP (43) 06.07.2023 (72) YAMASHITA, Naoyuki; IMAI, Hirofumi; SHIRAISHI, Kazuya; UCHIDA, Hisashi (74) Spruson & Ferguson</p>	<p>(71) ASSURANT, INC. (11) AU-A-2022405032 (21) 2022405032 (22) 09.12.2022 (54) REMOTE VERIFICATION OF THE CONDITION OF A MOBILE DEVICE (51) Int. Cl. G06F 21/60 (2013.01) H04L 9/40 (2022.01) H04W 12/08 (2021.01) H04W 12/30 (2021.01) H04W 12/37 (2021.01) (87) WO2023/107688 (31) 17/643,442 (32) 09.12.21 (33) US (43) 15.06.2023 (72) ZELLNER, Jennifer; RIDENOUR, Jen- nifer; RASTELLI, Gui (74) AJ PARK</p>	<p>(71) AUSNUTRIA B.V. (11) AU-A-2022426351 (21) 2022426351 (22) 29.12.2022 (54) PROCESS FOR PRODUCING SUB- STANTIALLY LACTOSE FREE MILK, AND SUBSTANTIALLY LACTOSE FREE MILK OBTAINABLE BY SAID PROCESS (51) Int. Cl. A23C 9/142 (2006.01) A23C 9/12 (2006.01) (87) WO2023/128763 (31) 2030385 (32) 31.12.21 (33) NL (43) 06.07.2023 (72) BOIANI, Mattia (74) Spruson & Ferguson</p>
<p>(71) ASPECT BIOSYSTEMS LTD. (11) AU-A-2022408220 (21) 2022408220 (22) 16.12.2022 (54) RADIAL PUMP ASSEMBLY AND METHODS OF USING SAME (51) Int. Cl. B29C 64/106 (2017.01) B01L 3/00 (2006.01) B29C 64/343 (2017.01) B29C 64/386 (2017.01) B29C 64/393 (2017.01) B33Y 30/00 (2015.01) (87) WO2023/108302 (31) 63/290,595 (32) 16.12.21 (33) US (43) 22.06.2023 (72) BEYER, Simon; STEINER, Sebasti- an; WILFART, Florentin; LAIDLAW, Shaun; BROWN, Keddie; XU, Zhen- song; PERSSON, Henrik; HAKIMI, Navid; LOOKER, Adam (74) Spruson & Ferguson</p>	<p>(71) ASTURA MEDICAL INC. (11) AU-A-2022393202 (21) 2022393202 (22) 17.11.2022 (54) EN BLOC CONNECTOR (51) Int. Cl. A61B 17/70 (2006.01) A61B 17/02 (2006.01) A61B 17/68 (2006.01) (87) WO2023/091616 (31) 63/281,067 (32) 18.11.21 (33) US (43) 25.05.2023 (72) DUSTERHOFT, Ross; PURCELL, Thomas (74) Adams Pluck</p>	<p>(71) AUSPERBIO THERAPEUTICS INC. (11) AU-A-2023205244 (21) 2023205244 (22) 10.01.2023 (54) MODULATION OF HEPATITIS B VIR- US (HBV) EXPRESSION (51) Int. Cl. C12N 15/113 (2010.01) A61K 31/7115 (2006.01) A61P 31/20 (2006.01) C07H 21/00 (2006.01) (87) WO2023/131098 (31) 63/298,092 (32) 10.01.22 (33) US (43) 13.07.2023 (72) CHENG, Guofeng; YANG, Cheng Yong (74) RnB IP Pty Ltd</p>
<p>(71) ASPEN MEDICAL PRODUCTS, LLC (11) AU-A-2022388653 (21) 2022388653 (22) 14.11.2022 (54) ORTHOPEDIC BRACE HAVING AN ADJUSTABLE SPINAL SUPPORT EX- TENSION AND SUPPORT HARNESS (51) Int. Cl. A61F 5/02 (2006.01) A61F 5/01 (2006.01) (87) WO2023/086628</p>	<p>(71) ATOMS FOR CURE GMBH (11) AU-A-2022419156 (21) 2022419156 (22) 20.12.2022 (54) FAP-TARGETING PHARMACEUTICAL PRODUCT FOR THERAPY AND DIA- GNOSIS OF CANCERS (51) Int. Cl. A61K 47/55 (2017.01) A61K 51/04 (2006.01) A61P 35/00 (2006.01) (87) WO2023/118195 (31) 10 2021 133 942.1 (32) 20.12.21 (33) DE (43) 29.06.2023 (72) RÖSCH, Frank; MARTIN, Marcel (74) Griffith Hack</p>	<p>(71) AUSTRALIAN NUCLEAR SCIENCE AND TECHNOLOGY ORGANISATION (11) AU-A-2022358745 (21) 2022358745 (22) 08.10.2022 (54) METHOD AND SYSTEM FOR DOSE QUANTIFICATION (51) Int. Cl. G01T 1/02 (2006.01) A61N 5/10 (2006.01) G01T 1/15 (2006.01) G01T 1/161 (2006.01) G01T 1/29 (2006.01) G01T 1/36 (2006.01) G01T 3/02 (2006.01) G01T 3/06 (2006.01) G01T 3/08 (2006.01) G01T 7/04 (2006.01) G16H 20/40 (2018.01) (87) WO2023/056532 (31) 2021903247 (32) 09.10.21 (33) AU (43) 13.04.2023 (72) SAFAVI-NAEINI, Mitra; CHACON, An- drew Stephen (74) Oxygene IP</p>
<p>(71) AUDOO LIMITED (11) AU-A-2022394099 (21) 2022394099 (22) 17.11.2022 (54) MEDIA IDENTIFICATION SYSTEM (51) Int. Cl. G06F 16/683 (2019.01) (87) WO2023/089324 (31) 2116661.6 (32) 18.11.21 (33) GB</p>	<p>(71) AUTONOMOUS DEVICES LIMITED (11) AU-A-2022384735 (21) 2022384735 (22) 10.11.2022 (54) WAVE-PROPELLED VEHICLES</p>	

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

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B63H 19/02 (2006.01)
B63G 8/08 (2006.01)
B63G 8/20 (2006.01)
B63G 8/22 (2006.01)
(87) WO2023/084228
(31) 2116187.2 (32) 10.11.21 (33) GB
(43) 19.05.2023
(72) WAHREN, Ken
(74) Spruson & Ferguson

(71) AXIOM HOLOGRAPHICS PTY LTD
(11) AU-A-2022412031
(21) 2022412031 (22) 15.12.2022
(54) A THREE-DIMENSIONAL IMAGE DISPLAY SYSTEM

(51) Int. Cl.
H04N 13/117 (2018.01)
G02B 30/22 (2020.01)
G06T 15/20 (2011.01)
G09G 3/00 (2006.01)
G09G 5/00 (2006.01)
H04N 9/31 (2006.01)
H04N 13/332 (2018.01)
H04N 13/363 (2018.01)
(87) WO2023/108222
(31) 2021904072 (32) 15.12.21 (33) AU
2022902204 05.08.22 AU
(43) 22.06.2023
(72) DELL, Bruce Robert
(74) Michael Buck IP

(71) BANDINI, C.
(11) AU-A-2022417064
(21) 2022417064 (22) 16.12.2022
(54) ULTRASOUND GEL
(51) Int. Cl.
A61K 49/22 (2006.01)
(87) WO2023/111973
(31) 102021000031556 (32) 16.12.21 (33) IT
(43) 22.06.2023
(72) BANDINI, Claudio
(74) PHILLIPS ORMONDE FITZPATRICK

(71) BASF SE
(11) AU-A-2022413470
(21) 2022413470 (22) 14.12.2022
(54) PROCESS FOR PREPARING AN AQUEOUS POLYMER DISPERSION
(51) Int. Cl.
C08F 2/26 (2006.01)
C08F 220/14 (2006.01)
C09D 133/08 (2006.01)
C09D 133/12 (2006.01)
(87) WO2023/111013
(31) 21214768.0 (32) 15.12.21 (33) EP
(43) 22.06.2023
(72) LOHMEIJER, Bastiaan; ROSCHMANN, Konrad; ULPINS, Guenter
(74) Griffith Hack

(71) BASF SE
(11) AU-A-2022413634
(21) 2022413634 (22) 16.12.2022
(54) LACTONES FOR ENHANCING THE ACTIVITY OF ANTIMICROBIAL AGENTS

(51) Int. Cl.
A01N 31/14 (2006.01)
A01N 25/02 (2006.01)
A01N 31/16 (2006.01)
A01N 37/10 (2006.01)
A01N 43/80 (2006.01)
A01P 1/00 (2006.01)
(87) WO2023/111297
(31) 21215678.0 (32) 17.12.21 (33) EP
(43) 22.06.2023
(72) ROHWER, Hauke; WIETHAN, Juergen
(74) Griffith Hack

(71) BAYER AKTIENGESELLSCHAFT
(11) AU-A-2022413341
(21) 2022413341 (22) 13.12.2022
(54) USE OF ISOXAZOLINECARBOXAMIDE FOR SPROUT INHIBITION
(51) Int. Cl.
A01N 43/80 (2006.01)
A01N 47/20 (2006.01)
A01N 65/22 (2009.01)
A01P 21/00 (2006.01)
(87) WO2023/110813
(31) 21214606.2 (32) 15.12.21 (33) EP
(43) 22.06.2023
(72) LORENTZ, Lothar; EBBINGHAUS, Dirk; DECKWER, Roland; NUTTELMANN, Klaus; HAAS, Matthias; KÜHNHOLD, Volker; SMIT, Thomas Alexander Maria; TOSENS, Herve
(74) Davies Collison Cave Pty Ltd

(71) BECKLEY PSYTECH LIMITED
(11) AU-A-2022413759
(21) 2022413759 (22) 13.12.2022
(54) BENZOATE SALT OF 5-METHOXY-N,N-DIMETHYLTRYPTAMINE
(51) Int. Cl.
C07D 209/16 (2006.01)
A61K 31/4045 (2006.01)
A61P 25/04 (2006.01)
A61P 25/06 (2006.01)
A61P 25/16 (2006.01)
A61P 25/22 (2006.01)
A61P 25/24 (2006.01)
A61P 25/30 (2006.01)
(87) WO2023/111544

(31) 2118005.4 (32) 13.12.21 (33) GB
2118008.8 13.12.21 GB
2118006.2 13.12.21 GB
2118011.2 13.12.21 GB
2118007.0 13.12.21 GB
2118095.5 14.12.21 GB
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2118156.5 15.12.21 GB
2118305.8 16.12.21 GB
2118295.1 16.12.21 GB
2118293.6 16.12.21 GB
2118309.0 16.12.21 GB
2212117.2 19.08.22 GB
2212113.1 19.08.22 GB

(43) 22.06.2023
(72) FEILDING-MELLEN, Cosmo; GRAY, Jason; MASON, Timothy; RUDD GRETTON, Cosima Agnes; WIEGAND, Frank
(74) AJ PARK

(71) BECKMAN COULTER, INC.
(11) AU-A-2022400963
(21) 2022400963 (22) 02.12.2022
(54) WINDOW DEFOGGER FOR SAMPLE PREPARATION SYSTEM
(51) Int. Cl.
G01N 35/00 (2006.01)
G01N 35/02 (2006.01)
(87) WO2023/102547
(31) 63/285,737 (32) 03.12.21 (33) US
63/294,736 29.12.21 US
(43) 08.06.2023
(72) NAVA, Simon, A.
(74) Spruson & Ferguson

(71) BECKMAN COULTER, INC.
(11) AU-A-2022405543
(21) 2022405543 (22) 08.12.2022
(54) SAMPLE PREPARATION VALIDATION
(51) Int. Cl.
G01N 35/00 (2006.01)
G16H 10/40 (2018.01)
(87) WO2023/108061
(31) 63/287,327 (32) 08.12.21 (33) US
63/336,815 29.04.22 US
(43) 15.06.2023
(72) SAHDALA, Brahim, De Jesus; RAVILISSETTY, Rajani; FERNANDEZ DE CASTRO, Juan, Jose
(74) Spruson & Ferguson

(71) BECTON, DICKINSON AND COMPANY
(11) AU-A-2022413126
(21) 2022413126 (22) 13.12.2022
(54) PRESSURE THRESHOLD DETECTOR FOR MEDICAL INJECTOR
(51) Int. Cl.
F16K 17/02 (2006.01)
G01L 9/00 (2006.01)
H01H 35/34 (2006.01)
(87) WO2023/114179
(31) 63/288,967 (32) 13.12.21 (33) US
(43) 22.06.2023
(72) COLEMAN, David, James
(74) FB Rice Pty Ltd

(71) BEIJING BYTEDANCE NETWORK TECHNOLOGY CO., LTD.
(11) AU-A-2022399687
(21) 2022399687 (22) 23.11.2022
(54) VIDEO PROCESSING METHOD, VIDEO PROCESSING APPARATUS, AND COMPUTER-READABLE STORAGE MEDIUM
(51) Int. Cl.
H04N 21/4788 (2011.01)
H04N 21/488 (2011.01)
(87) WO2023/098531
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 (54) METHOD FOR TREATING HEAD AND NECK CANCER
 (51) Int. Cl.
A61K 31/4155 (2006.01)
A61P 35/00 (2006.01)
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 (72) CUI, Jisong; ZHAO, Renbin; ZHOU, Carrie; ZHANG, Bin
 (74) FPA Patent Attorneys Pty Ltd
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 (21) 2022399756 (22) 02.12.2022
 (54) CARBONYL SUBSTITUTED DIAZASPIRO COMPOUNDS AND ITS USE
 (51) Int. Cl.
C07D 471/10 (2006.01)
A61K 31/506 (2006.01)
A61P 35/00 (2006.01)
A61P 35/02 (2006.01)
C07D 487/10 (2006.01)
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 (74) James & Wells Intellectual Property
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A61K 9/51 (2006.01)
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A61K 9/127 (2006.01)
A61K 39/00 (2006.01)
A61K 39/12 (2006.01)
A61K 47/10 (2017.01)
A61K 47/24 (2006.01)
A61K 47/34 (2017.01)
A61K 48/00 (2006.01)
A61P 31/14 (2006.01)
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 (54) CLEANING, FILLING, AND CAPPING CONTAINERS
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B67B 3/00 (2006.01)
B67C 7/00 (2006.01)
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 (54) CHEMOEMBOLIC COMPOSITIONS AND METHODS OF TREATMENT USING THEM
 (51) Int. Cl.
A61K 9/16 (2006.01)
A61P 35/00 (2006.01)
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 (51) Int. Cl.
A61M 60/857 (2021.01)
A61M 25/00 (2006.01)
A61M 60/165 (2021.01)
A61M 60/81 (2021.01)
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 (54) IODINATED COMPOUNDS AND HYDROGELS FORMED FROM SAME
 (51) Int. Cl.
A61L 27/18 (2006.01)
A61L 27/50 (2006.01)
A61L 27/52 (2006.01)
C08J 3/24 (2006.01)
C08L 77/04 (2006.01)
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 (54) MANGANESE TITANATE-CONTAINING FISCHER-TROPSCH CATALYST AND METHODS FOR MAKING AND USING SAME
 (51) Int. Cl.
B01J 21/06 (2006.01)
B01J 23/889 (2006.01)
B01J 35/00 (2006.01)
B01J 37/18 (2006.01)
C10G 2/00 (2006.01)
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 (31) 21217619.2 (32) 23.12.21 (33) EP
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 (11) AU-A-2022405380
 (21) 2022405380 (22) 08.12.2022
 (54) TOILET PAPER DISPENSER
 (51) Int. Cl.
A47K 10/22 (2006.01)
A47K 10/32 (2006.01)
A47K 10/38 (2006.01)
 (87) WO2023/107624
 (31) 63/287,322 (32) 08.12.21 (33) US
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 (72) KOENTOPP, Axel; ROHRSEN, Pablo; MEYER, Mark A.
 (74) Michael Buck IP
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- (71) BRADLEY CORPORATION
 (11) AU-A-2022405425
 (21) 2022405425 (22) 08.12.2022
 (54) SOAP LEVEL INDICATION SYSTEM
 (51) Int. Cl.
A47K 5/12 (2006.01)
G01F 11/00 (2006.01)
 (87) WO2023/107631
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 (51) Int. Cl.
A47K 10/32 (2006.01)

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- (71) BRADLEY CORPORATION
 (11) AU-A-2022407051
 (21) 2022407051 (22) 08.12.2022
 (54) MAGNETIC LOCK SYSTEM
 (51) Int. Cl.
E05B 47/00 (2006.01)
E05B 65/52 (2006.01)
E05C 3/12 (2006.01)
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 NIKOLIC, Zeljko; LESNIAK, John
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 (11) AU-A-2022431237
 (21) 2022431237 (22) 10.11.2022
 (54) APPARATUSES, SYSTEMS, AND
 METHODS FOR DETERMINING GAS
 EMISSION RATE DETECTION SENS-
 ITIVITY AND GAS FLOW SPEED US-
 ING REMOTE GAS CONCENTRATION
 MEASUREMENTS
 (51) Int. Cl.
G01N 21/17 (2006.01)
G01N 21/53 (2006.01)
G01S 17/02 (2020.01)
G01S 17/88 (2006.01)
G06F 17/15 (2006.01)
G01N 21/3504 (2014.01)
G06F 17/11 (2006.01)
- (87) WO2023/132998
 (31) 63/298,134 (32) 10.01.22 (33) US
 (43) 13.07.2023
 (72) THORPE, Michael James;
 KREITINGER, Aaron Thomas
 (74) PIPERS
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 (11) AU-A-2022425293
 (21) 2022425293 (22) 20.12.2022
 (54) COLLAPSIBLE CHILDREN'S WAGON
 AND ASSOCIATED SYSTEM
 (51) Int. Cl.
B62B 3/02 (2006.01)
B62B 7/06 (2006.01)
B62B 5/04 (2006.01)
B62B 5/06 (2006.01)
B62B 7/14 (2006.01)
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 LIN, Yung Shun; CHANG, Chen Tai
 (74) K&L Gates
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 (54) CHILD RESTRAINT SYSTEM WITH
 POSTURE FIT MECHANISM
 (51) Int. Cl.
B60N 2/28 (2006.01)
B60N 2/08 (2006.01)
B60N 2/12 (2006.01)
A47D 1/00 (2006.01)
A47D 1/10 (2006.01)
B60N 2/26 (2006.01)
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 GER, Mitchell L.; HOOVER, Brandon;
 MESSNER, Mark Matthew
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 (54) A COMPUTER IMPLEMENTED METH-
 OD FOR DISPLAYING WIND FORE-
 CAST DATA ON AN INTERACTIVE
 MAP
 (51) Int. Cl.
G06T 17/05 (2011.01)
G06F 3/04842 (2022.01)
G06F 16/29 (2019.01)
G06T 19/20 (2011.01)
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 (31) 2021904296 (32) 30.12.21 (33) AU
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 (72) MORRIS, Tristan
 (74) Adams Pluck
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- (71) CARBON TECHNOLOGY HOLDINGS,
 LLC
 (11) AU-A-2022387418
 (21) 2022387418 (22) 08.11.2022
 (54) BIOCARBON COMPOSITIONS WITH
 OPTIMIZED COMPOSITIONAL PARA-
 METERS, AND PROCESSES FOR
 PRODUCING THE SAME
 (51) Int. Cl.
C04B 35/528 (2006.01)
C04B 35/515 (2006.01)
C04B 35/532 (2006.01)
C04B 35/622 (2006.01)
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 (31) 63/278,573 (32) 12.11.21 (33) US
 (43) 19.05.2023
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 LLC
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 (21) 2022388556 (22) 08.11.2022
 (54) BIOCARBON COMPOSITIONS WITH
 OPTIMIZED COMPOSITIONAL PARA-
 METERS, AND PROCESSES FOR
 PRODUCING THE SAME
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C04B 35/528 (2006.01)
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C04B 35/532 (2006.01)
C04B 35/622 (2006.01)
C10B 57/06 (2006.01)
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C10B 57/14 (2006.01)
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 (21) 2022388907 (22) 16.11.2022
 (54) A TEMPERATURE DETECTOR FOR A
 HEAT SENSITIVE MATERIAL
 (51) Int. Cl.
B82Y 15/00 (2011.01)
A61J 1/18 (2023.01)
G01K 1/16 (2006.01)
G01K 11/00 (2006.01)
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 (21) 2021478948 (22) 16.12.2021
 (54) A PALM OIL BASED SHORTENING
 COMPOSITION WITH ENHANCED
 FLAVOR AND A METHOD OF MAK-
 ING THE SAME
 (51) Int. Cl.
A23D 9/00 (2006.01)
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 (54) FRAME SYSTEM AND CLEANING
 DEVICE FRAME
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A47L 13/254 (2006.01)
A47L 13/258 (2006.01)
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 (74) Halfords IP
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- (71) CATAGEN LIMITED
 (11) AU-A-2022395789
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 (51) Int. Cl.
F17C 5/06 (2006.01)
 (87) WO2023/094711
 (31) 2117223.4 (32) 29.11.21 (33) GB
 (43) 01.06.2023
 (72) DOUGLAS, Roy; WOODS, Andrew; EL-LIOT, Matthew
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 (21) 2022395790 (22) 29.11.2022
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 (51) Int. Cl.
F17C 5/06 (2006.01)
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 (31) 2117223.4 (32) 29.11.21 (33) GB
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 (21) 2023255824 (22) 07.03.2023
 (54) HEIGHT MEASUREMENT SENSOR
 (51) Int. Cl.
G01B 13/06 (2006.01)
G01B 13/02 (2006.01)
 (87) WO2023/202251
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 (54) DUAL MHC-TARGETING T CELL EN-GAGER
 (51) Int. Cl.
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 (54) DEVICE FOR THE SUBCORTICAL INJECTION OF A SUBSTANCE
 (51) Int. Cl.
A01G 7/06 (2006.01)
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 (21) 2022394333 (22) 16.11.2022
 (54) N-(2H-INDAZOL-5-YL)PYRAZINE-2-CARBOXAMIDE DERIVATIVES AND SIMILAR COMPOUNDS AS HTT MODULATORS FOR THE TREATMENT OF HUNTINGTON'S DISEASE
 (51) Int. Cl.
C07D 403/14 (2006.01)
A61K 31/497 (2006.01)
A61P 25/14 (2006.01)
C07D 405/14 (2006.01)
C07D 413/14 (2006.01)
C07D 471/04 (2006.01)
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 (74) FPA Patent Attorneys Pty Ltd
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 (21) 2023256755 (22) 18.04.2023
 (54) LOCKING STRUCTURE FOR SEGMENTED ROLLER SLEEVE, ROLLER CAPABLE OF SEGMENTED ASSEMBLY AND DISASSEMBLY, AND ASSEMBLY AND DISASSEMBLY METHOD THEREFOR
 (51) Int. Cl.
B02C 4/30 (2006.01)
 (87) WO2023/202564
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 (74) WRAYS PTY LTD
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 (11) AU-A-2022402875
 (21) 2022402875 (22) 30.11.2022
 (54) COMPOUND CONTAINING CYCLOALKYL OR HALOALKYL
 (51) Int. Cl.
C07D 498/22 (2006.01)
A61K 31/4545 (2006.01)
A61K 31/496 (2006.01)
A61K 31/5377 (2006.01)
A61P 35/00 (2006.01)
C07D 519/00 (2006.01)
 (87) WO2023/098730
 (31) 202111441498.1 (32) 30.11.21 (33) CN
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 (74) AJ PARK
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- (71) CHINA MOBILE COMMUNICATION CO., LTD RESEARCH INSTITUTE; CHINA MOBILE COMMUNICATIONS GROUP CO., LTD.
 (11) AU-A-2022384420
 (21) 2022384420 (22) 11.11.2022
 (54) TRANSMISSION METHOD AND APPARATUS, COMMUNICATION DEVICE, AND STORAGE MEDIUM
 (51) Int. Cl.
H04W 56/00 (2009.01)
 (87) WO2023/083307
 (31) 202111333234.4 (32) 11.11.21 (33) CN
 (43) 19.05.2023
 (72) CHEN, Jingjing
 (74) Adams Pluck
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 (11) AU-A-2022388525
 (21) 2022388525 (22) 15.11.2022
 (54) DATA TRANSMISSION METHOD AND APPARATUS, AND COMMUNICATION DEVICE AND STORAGE MEDIUM
 (51) Int. Cl.
H04L 1/16 (2023.01)
 (87) WO2023/083378
 (31) 202111350583.7 (32) 15.11.21 (33) CN
 (43) 19.05.2023
 (72) CHAI, Li; XU, Xiaodong
 (74) Remarkable IP
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 (11) AU-A-2022426545
 (21) 2022426545 (22) 30.12.2022
 (54) COORDINATION METHOD AND DEVICE FOR SERVICE TRANSMISSION
 (51) Int. Cl.
H04W 4/02 (2018.01)
 (87) WO2023/125914
 (31) 202111660854.9 (32) 31.12.21 (33) CN
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 (21) 2022420519 (22) 15.12.2022
 (54) REDUCED PANTOTHENIC ACID LEVELS IN FERMENTATIVE PRODUCTION OF OLIGOSACCHARIDES
 (51) Int. Cl.
C12P 19/00 (2006.01)
C12N 15/63 (2006.01)
C12N 15/70 (2006.01)
C12P 19/04 (2006.01)
 (87) WO2023/117708
 (31) EP21217103 (32) 22.12.21 (33) EP
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 (74) Davies Collison Cave Pty Ltd

(71) CHROMIS FIBEROPTICS, INC.; UNIVERSITY OF KANSAS
 (11) AU-A-2022424008
 (21) 2022424008 (22) 29.12.2022
 (54) SEPARATION ARTICLES AND METHODS FOR USING THE SAME FOR SELECTIVELY REMOVING DIFLUOROMETHANE FROM A GASEOUS MIXTURE
 (51) Int. Cl.
B01D 53/22 (2006.01)
B01D 71/06 (2006.01)
C08F 214/20 (2006.01)
C08F 216/16 (2006.01)
B01D 69/12 (2006.01)
 (87) WO2023/129989
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 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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 (54) 4-PHENYL-TETRAHYDROPYRIDINE DERIVATIVES FOR TREATING HEARING DISEASES
 (51) Int. Cl.
A61K 31/4418 (2006.01)
A61K 9/00 (2006.01)
A61P 27/16 (2006.01)
 (87) WO2023/118544
 (31) 21306931.3 (32) 23.12.21 (33) EP
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 (74) FPA Patent Attorneys Pty Ltd

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POLYHYDROXYALKANOATES BY USING SAME
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G01N 33/483 (2006.01)
C12P 7/62 (2022.01)
G01N 21/17 (2006.01)
G01N 21/31 (2006.01)
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 (21) 2022429076 (22) 01.12.2022
 (54) METHOD FOR PRODUCING BIOMASS GRANULES WITH IMPROVED FLUIDITY
 (51) Int. Cl.
A23L 17/60 (2016.01)
A23L 33/175 (2016.01)
A23L 33/185 (2016.01)
A23P 10/20 (2016.01)
A23P 20/10 (2016.01)
A23P 20/18 (2016.01)
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 (54) COMPOSITION FOR ALLEVIATING DROUGHT STRESS COMPRISING AMINO ACID
 (51) Int. Cl.
A01N 37/44 (2006.01)
A01G 7/06 (2006.01)
A01N 43/16 (2006.01)
A01P 21/00 (2006.01)
C05F 11/00 (2006.01)
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A23K 10/22 (2016.01)
A23K 50/80 (2016.01)
A61K 9/00 (2006.01)
A61K 31/498 (2006.01)
A61K 47/14 (2017.01)
A61K 47/32 (2006.01)
A61K 47/38 (2006.01)
A61P 33/10 (2006.01)
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 (54) CO2 ADSORPTION SYSTEM AND METHOD FOR CO2 ADSORPTION USING HUMIDITY STABLE POLYSTYRENE-DIVINYLBENZENE AMINE FUNCTIONALIZED POLYMERIC ADSORBENTS
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B01D 53/04 (2006.01)
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 (74) Allens Patent & Trade Mark Attorneys

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 (54) ORAL CARE SYSTEM, IMPLEMENT, AND/OR KIT
 (51) Int. Cl.
A46B 15/00 (2006.01)
A46B 9/04 (2006.01)
A61C 17/22 (2006.01)
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 (54) ORAL CARE COMPLEXES AND COMPOSITIONS
 (51) Int. Cl.
A61K 8/365 (2006.01)
A61K 8/88 (2006.01)
A61P 43/00 (2006.01)
A61Q 11/00 (2006.01)
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C11D 1/94 (2006.01)
C11D 3/20 (2006.01)

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C11D 1/75 (2006.01)
C11D 1/90 (2006.01)
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A47G 1/12 (2006.01)
A47G 1/06 (2006.01)
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(54) PLANTS FOR PRODUCING CANNABINOIDS
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A01H 6/82 (2018.01)
A61K 31/05 (2006.01)
A61K 31/192 (2006.01)
A61K 31/352 (2006.01)
A61K 36/00 (2006.01)
A61P 1/08 (2006.01)
A61P 25/04 (2006.01)
A61P 25/14 (2006.01)
A61P 25/18 (2006.01)
A61P 25/28 (2006.01)
A61P 43/00 (2006.01)
C07C 39/19 (2006.01)
C07C 65/19 (2006.01)
C12N 9/00 (2006.01)
C12N 9/10 (2006.01)
C12N 9/88 (2006.01)
C12N 15/52 (2006.01)
C12N 15/62 (2006.01)
C12N 15/82 (2006.01)
C12P 7/42 (2006.01)
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F28D 7/10 (2006.01)
F28F 9/007 (2006.01)
F28F 9/02 (2006.01)
F28F 9/22 (2006.01)
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A61F 13/02 (2006.01)
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A61F 13/02 (2006.01)
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A61F 13/02 (2006.01)
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(54) ADJUSTMENT DEVICES FOR POSITIONING A UTERINE MANIPULATOR
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A61B 90/50 (2016.01)
A61B 17/42 (2006.01)
A61B 34/30 (2016.01)
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B29D 11/00 (2006.01)
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(54) CURRENT LOOP TRANSMITTER CIRCUITRY FOR MONITORING A DRY CONTACT SWITCH STATE
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G01D 21/00 (2006.01)
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(51) Int. Cl.
A61K 48/00 (2006.01)
C12N 15/113 (2010.01)
C12N 15/63 (2006.01)
C12N 15/67 (2006.01)
C12N 15/79 (2006.01)
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(43) 25.05.2023
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(11) AU-A-2022396787
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(54) SYSTEMS AND METHODS FOR BUILDING AND EXECUTING INSURANCE CONTRACTS
(51) Int. Cl.

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(11) AU-A-2022409472
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(54) MACROCYCLIC BTK INHIBITORS
(51) Int. Cl.
C07D 471/04 (2006.01)
A61K 31/4353 (2006.01)
A61K 31/4985 (2006.01)
A61P 35/00 (2006.01)
C07D 487/04 (2006.01)
(87) WO2023/110970
(31) PCT/ **(32)** 14.12.21 **(33)** EP
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PCT/ 13.12.22 EP
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(54) USE OF TRICYCLIC HETEROARYL-CONTAINING COMPOUND
(51) Int. Cl.
A61P 37/00 (2006.01)
A61K 31/5383 (2006.01)
A61P 17/06 (2006.01)
A61P 29/00 (2006.01)
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(74) Churchill Attorneys
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(51) Int. Cl.
C07D 401/14 (2006.01)
A61K 31/495 (2006.01)
A61P 35/00 (2006.01)
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(31) 202111494667.8 **(32)** 08.12.21 **(33)** CN
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(51) Int. Cl.
E02F 9/28 (2006.01)
E02F 3/40 (2006.01)
(87) WO2023/111372
(31) P202131168 **(32)** 15.12.21 **(33)** ES
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(11) AU-A-2022405896
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(54) BILE ACID CONJUGATE
(51) Int. Cl.
C07J 31/00 (2006.01)
A61K 31/575 (2006.01)
A61K 47/28 (2006.01)
A61P 25/16 (2006.01)
A61P 25/28 (2006.01)
A61P 27/16 (2006.01)
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(31) 2021904008 **(32)** 10.12.21 **(33)** AU
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(11) AU-A-2023207801
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(54) TRYPTAMINE COMPOSITIONS AND METHODS
(51) Int. Cl.
C07D 209/16 (2006.01)
A61K 31/4045 (2006.01)
A61P 25/00 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd
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(21) 2022412842 **(22)** 16.12.2022
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(51) Int. Cl.
C07D 401/06 (2006.01)
A61K 31/454 (2006.01)
A61P 29/00 (2006.01)
A61P 35/00 (2006.01)
A61P 37/00 (2006.01)
A61P 43/00 (2006.01)
(87) WO2023/113540
(31) 10-2021-0182188 **(32)** 17.12.21 **(33)** KR
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(21) 2022398817 **(22)** 25.11.2022
(54) MANUFACTURING METHOD AND MANUFACTURING DEVICE FOR CAN CONTAINER
(51) Int. Cl.
B21D 51/30 (2006.01)
B65D 1/00 (2006.01)
B65D 17/32 (2006.01)
(87) WO2023/095879
(31) 2021-191181 **(32)** 25.11.21 **(33)** JP
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(11) AU-A-2022409708
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(54) COMPOSITIONS AND METHODS FOR TREATING DISEASE
(51) Int. Cl.
C07K 14/705 (2006.01)
A61P 17/00 (2006.01)
A61P 37/00 (2006.01)
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(31) 63/289,595 **(32)** 14.12.21 **(33)** US
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(54) TARGETING SWI/SNF RELATED, MATRIX ASSOCIATED, ACTIN DEPENDENT REGULATOR OF CHROMATIN, SUBFAMILY A, MEMBER 4 (SMARCA4)

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A61K 31/44 (2006.01)
A61K 47/51 (2017.01)
A61K 47/54 (2017.01)
C07D 209/48 (2006.01)
C07D 213/04 (2006.01)
C07D 401/12 (2006.01)
A61P 35/00 (2006.01)
(87) WO2023/133260
(31) 63/297,505 (32) 07.01.22 (33) US
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(21) 2022413549 (22) 14.12.2022
(54) ONE-COMPONENT POLYURETHANE SPRAY FOAM COMPOSITIONS AND DISPENSERS THEREOF
(51) Int. Cl.
C09D 175/04 (2006.01)
C08G 18/70 (2006.01)
C08G 18/71 (2006.01)
C08G 18/00 (2006.01)
(87) WO2023/114830
(31) 63/289,408 (32) 14.12.21 (33) US
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(51) Int. Cl.
G01G 17/08 (2006.01)
G01G 21/30 (2006.01)
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(74) ET Intellectual Property
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(51) Int. Cl.
B32B 5/02 (2006.01)
B32B 5/26 (2006.01)
B32B 13/14 (2006.01)
(87) WO2023/150654
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(51) Int. Cl.
A47J 31/44 (2006.01)
A23P 30/40 (2016.01)
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(31) 102021000032594 (32) 23.12.21 (33) IT
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B29B 9/06 (2006.01)
C08J 9/12 (2006.01)
C08J 9/14 (2006.01)
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A23K 20/189 (2016.01)
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A23K 50/30 (2016.01)
A23K 50/75 (2016.01)
A23L 33/125 (2016.01)
A61K 31/70 (2006.01)
A61K 31/702 (2006.01)
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G06Q 10/1053 (2023.01)
G06Q 10/0631 (2023.01)
H04L 12/18 (2006.01)
H04L 51/04 (2022.01)
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G01R 31/396 (2019.01)

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C25B 9/19 (2021.01)
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 G01N 33/49 (2006.01)
 G06T 7/00 (2017.01)
 G06T 7/246 (2017.01)
 G16B 25/10 (2019.01)
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 A63H 3/08 (2006.01)
 A63H 3/16 (2006.01)
 A63H 9/00 (2006.01)
 A63H 33/08 (2006.01)
 B44C 1/16 (2006.01)
 G06T 11/60 (2006.01)
 G09F 1/08 (2006.01)
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 C07D 471/14 (2006.01)
 A61K 31/437 (2006.01)
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 A61K 31/4545 (2006.01)
 A61P 17/00 (2006.01)
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C25D 5/36 (2006.01)
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A61B 5/00 (2006.01)
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Roger
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(54) CRYOGENIC VESSEL ARRANGE-
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(51) Int. Cl.
F17C 13/00 (2006.01)
F17C 3/04 (2006.01)
F17C 3/06 (2006.01)
F17C 3/08 (2006.01)
F17C 13/04 (2006.01)
F17C 13/06 (2006.01)
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(54) MOISTURE DETECTION AND MAN-
AGEMENT IN A GASES SUPPLY SYS-
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A61M 13/00 (2006.01)
A61M 16/00 (2006.01)
A61M 16/08 (2006.01)
A61M 16/10 (2006.01)
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Morgan; SUROWIEZ, Ree Isaac
(74) AJ PARK

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(54) IMMUNOGENIC COMPOSITIONS
AND THEIR USES
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A61K 39/145 (2006.01)
C07K 14/01 (2006.01)

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C07K 14/165 (2006.01)
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C12N 15/62 (2006.01)
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- (71) FLAGSHIP PIONEERING INNOVATIONS VI, LLC
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(54) METHODS FOR ENRICHMENT OF CIRCULAR RNA UNDER DENATURING CONDITIONS
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C12N 15/10 (2006.01)
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C12N 15/10 (2006.01)
C12Q 1/6806 (2018.01)
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C12N 15/113 (2010.01)
A61K 31/7088 (2006.01)
A61P 17/06 (2006.01)
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B64D 1/16 (2006.01)
A01C 15/16 (2006.01)
A01C 19/02 (2006.01)
A01C 21/00 (2006.01)
B64D 1/02 (2006.01)
B64U 10/13 (2023.01)
C05G 5/14 (2020.01)
B64U 101/40 (2023.01)
B64U 101/45 (2023.01)
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(54) USE OF LACTIC ACID BACTERIA TO INHIBIT METHANOGEN GROWTH OR REDUCE METHANE EMISSIONS
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A23K 10/18 (2016.01)
A23K 50/10 (2016.01)
A23K 50/30 (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)
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H04S 7/00 (2006.01)
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(54) TEMPERATURE CONTROL FOR A ROTARY HEAD EXTRUDER
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B29B 7/40 (2006.01)
B29C 48/30 (2019.01)
B29C 48/395 (2019.01)
B29C 48/47 (2019.01)
B29C 48/86 (2019.01)
B29C 48/92 (2019.01)
A23L 7/10 (2016.01)
A23L 7/117 (2016.01)
A23P 30/20 (2016.01)
A23P 30/25 (2016.01)
A23P 30/34 (2016.01)
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H02S 20/32 (2014.01)
H02S 30/10 (2014.01)
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A01J 7/02 (2006.01)
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A61K 47/38 (2006.01)

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A61P 1/00 (2006.01)
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(54) IMPROVED ISOTHERMAL AMPLIFICATION
(51) Int. Cl.
C12Q 1/6848 (2018.01)
C07H 21/02 (2006.01)
C12Q 1/6853 (2018.01)
C12Q 1/686 (2018.01)
C12Q 1/689 (2018.01)
C12Q 1/70 (2006.01)
C12R 1/36 (2006.01)
(87) WO2023/092178
(31) 2021903771 (**32**) 23.11.21 (**33**) AU
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(72) MILLAR, Douglas
(74) Allens Patent & Trade Mark Attorneys
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(11) AU-A-2022388696
(21) 2022388696 (**22**) 09.11.2022
(54) ISOXAZOLIDINES AS RIPK1 INHIBITORS AND USE THEREOF
(51) Int. Cl.
C07D 413/14 (2006.01)
A61K 31/506 (2006.01)
A61P 29/00 (2006.01)
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(51) Int. Cl.
A61K 38/17 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
A61P 37/04 (2006.01)
A61P 37/06 (2006.01)
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(54) LOCKING DEVICE FOR A DOOR
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E05B 65/08 (2006.01)
E05C 5/00 (2006.01)
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(54) ENGINE CONTROL SYSTEM
(51) Int. Cl.
F02D 41/24 (2006.01)
F02D 41/26 (2006.01)
G01S 19/42 (2010.01)
G07C 5/00 (2006.01)
G07C 5/08 (2006.01)
(87) WO2023/122052
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(21) 2022420664 (**22**) 20.12.2022
(54) METHOD FOR PROCESSING AT LEAST A PRE-CONTRAST IMAGE AND A CONTRAST IMAGE RESPECTIVELY DEPICTING A BODY PART PRIOR TO AND AFTER AN INJECTION OF A FIRST DOSE OF CONTRAST AGENT
(51) Int. Cl.
A61B 6/00 (2006.01)
G01R 33/56 (2006.01)
G06V 10/774 (2022.01)
G06V 10/82 (2022.01)
G16H 30/20 (2018.01)
G16H 30/40 (2018.01)
G16H 50/20 (2018.01)
G16H 50/50 (2018.01)
G16H 50/70 (2018.01)
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(74) FPA Patent Attorneys Pty Ltd
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(54) METHOD FOR CULTIVATING FRUIT TREES WITH HIGH WATER CONSUMPTION IN PLANT POTS FOR INTENSIVE AND SUSTAINABLE FRUIT PRODUCTION
(51) Int. Cl.
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A01G 24/00 (2018.01)
A01G 31/00 (2018.01)
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(74) FB Rice Pty Ltd
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(54) RADIATION SHIELDING NANO-SIZED SM 203 DOPED GLASS
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C03C 4/08 (2006.01)
C03C 3/04 (2006.01)
C03C 3/076 (2006.01)
C03C 3/083 (2006.01)
C03C 3/087 (2006.01)
C03C 3/095 (2006.01)
C03C 11/00 (2006.01)
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(74) AJ PARK
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- (71)** HAARSLEV INDUSTRIES A/S
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(54) DISC FOR A DISC DRYER
(51) Int. Cl.
F26B 3/24 (2006.01)
F26B 9/08 (2006.01)
F26B 23/10 (2006.01)
F26B 25/04 (2006.01)
(87) WO2023/089020
(31) PA2022101088 (**32**) 17.11.21 (**33**) DK
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(74) Catalyst Intellectual Property
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(21) 2022404336 (**22**) 18.11.2022
(54) LIQUID INFLOW RELEASE CONTROL METHOD FOR WASHING MACHINE, AND WASHING MACHINE
(51) Int. Cl.
D06F 39/02 (2006.01)
(87) WO2023/103745
(31) 202111505328.5 (**32**) 10.12.21 (**33**) CN
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(72) XU, Sheng; SUN, Dongsong; LV, Yanfen; ZHANG, Tao; MA, Chuanrong
(74) Allens Patent & Trade Mark Attorneys
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(54) METHODS OF TREATING CNS DISORDERS
(51) Int. Cl.
A61K 31/4155 (2006.01)

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A61K 31/519 (2006.01)
A61P 25/00 (2006.01)
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(11) AU-A-2022416387
(21) 2022416387 (22) 28.10.2022
(54) IDENTIFYING DEFECTS IN CANINE NUCLEOTIDE SALVAGE PATHWAYS AND COMPOSITIONS AND METHODS FOR IMPROVING IMMUNE FUNCTION IN DOGS
(51) Int. Cl.
C12Q 1/6883 (2018.01)
A23K 10/20 (2016.01)
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(54) METHODS AND COMPOSITIONS FOR DIAGNOSIS AND TREATMENT OF DISORDERS IN PETS
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C12Q 1/6883 (2018.01)
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(21) 2023214646 (22) 23.01.2023
(54) MACHINE AND METHOD FOR RUNNING A MACHINE
(51) Int. Cl.
B25B 21/00 (2006.01)
B25B 23/147 (2006.01)
B25F 5/00 (2006.01)
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(21) 2023215688 (22) 25.01.2023
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C08G 18/20 (2006.01)
C08G 18/18 (2006.01)
C08G 18/48 (2006.01)
C08G 18/76 (2006.01)
C08K 3/04 (2006.01)
C08K 3/30 (2006.01)
C08K 3/34 (2006.01)
C08L 75/04 (2006.01)
E04B 1/94 (2006.01)
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- (71) HITACHI, LTD.
(11) AU-A-2022434691
(21) 2022434691 (22) 24.01.2022
(54) SYSTEM AND METHOD FOR CONTROLLING ENVIRONMENTAL FACTOR FOR AREA
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F24F 11/46 (2018.01)
F24F 11/54 (2018.01)
F24F 11/62 (2018.01)
G06Q 10/04 (2023.01)
G06Q 30/02 (2023.01)
G06Q 50/06 (2012.01)
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(43) 27.07.2023
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(74) Davies Collison Cave Pty Ltd
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(21) 2021477534 (22) 09.12.2021
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H04N 21/422 (2011.01)
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(74) James & Wells Intellectual Property
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(21) 2022386700 (22) 11.11.2022
(54) SECURITY INSPECTION SYSTEM, AND SECURITY INSPECTION METHOD
(51) Int. Cl.
B64F 1/36 (2017.01)
B65G 37/02 (2006.01)
G01V 5/00 (2006.01)
- (87) WO2023/084019
(31) 10 2021 129 504.1 (32) 12.11.21 (33) DE
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(21) 2022416217 (22) 12.12.2022
(54) SIGNAL PROCESSING METHOD AND APPARATUS
(51) Int. Cl.
H04L 69/323 (2022.01)
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(11) AU-A-2021475857
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(54) PROCESSES FOR INCREASING ENZYME CONCENTRATIONS AND DRY MATTER USING REACTIVE OXYGEN SPECIES IN HYDROPONICALLY GROWN CELLULOSIC MATERIALS
(51) Int. Cl.
A01G 31/06 (2006.01)
A01G 9/24 (2006.01)
A01G 31/00 (2018.01)
A01G 31/02 (2006.01)
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(72) JENKINS, Shawn
(74) Spruson & Ferguson
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(11) AU-A-2023214505
(21) 2023214505 (22) 18.01.2023
(54) DEVICE FOR TREATING A FRACTURE
(51) Int. Cl.
A61B 17/74 (2006.01)
A61B 17/80 (2006.01)
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(31) A 50051/2022 (32) 01.02.22 (33) AT
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(11) AU-A-2022407460
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(54) MEDICAL FLUID COMPOUNDING SYSTEMS WITH COORDINATED FLOW CONTROL
(51) Int. Cl.
B01L 3/00 (2006.01)
A61J 1/20 (2006.01)
A61J 1/22 (2006.01)
A61J 3/00 (2006.01)
B67D 7/02 (2010.01)
F04B 13/02 (2006.01)
F04B 43/12 (2006.01)
F04B 49/06 (2006.01)
F04B 49/08 (2006.01)

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(74) Davies Collison Cave Pty Ltd
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(54) RENEWABLE ENERGY SOURCE USING PRESSURE DRIVEN FILTRATION PROCESSES AND SYSTEMS
(51) Int. Cl.
C02F 1/461 (2023.01)
C02F 1/469 (2023.01)
C25B 1/04 (2021.01)
C25B 9/19 (2021.01)
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(31) 2119106.9 **(32)** 29.12.21 **(33)** GB
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 299462 25.12.22 IL
(43) 06.07.2023
(72) LIBERMAN, Boris; EFRAT, Tomer
(74) Michael Buck IP
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- (71)** IDRIS ONCOLOGY B.V.
(11) AU-A-2022410411
(21) 2022410411 **(22)** 16.12.2022
(54) MEDICAL SAMPLING DEVICE FOR CAPTURING BIOANALYTES
(51) Int. Cl.
A61B 10/02 (2006.01)
A61B 10/00 (2006.01)
(87) WO2023/111320
(31) 2030156 **(32)** 16.12.21 **(33)** NL
(43) 22.06.2023
(72) MULDER, Hans Peter; WIEGMAN, Peter Immanuel
(74) DAVIS IP PTY LTD
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- (71)** IHI PLANT SERVICES CORPORATION
(11) AU-A-2022411385
(21) 2022411385 **(22)** 15.12.2022
(54) METHOD FOR MAINTENANCE OF SEND OUT PUMP IN AMMONIA TANK
(51) Int. Cl.
F17C 9/02 (2006.01)
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(74) Davies Collison Cave Pty Ltd
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(72) FIZIEV, Petko Plamenov; MCRAE, Jeremy Francis; FARH, Kai-How
(74) Spruson & Ferguson
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- (71)** ILLUMINA, INC.
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(54) IMAGING SYSTEMS AND RELATED SYSTEMS AND METHODS
(51) Int. Cl.
G01N 15/14 (2006.01)
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(72) BOEGE, Steven; HAGE, Matthew; LEMOINE, Richard; NEWMAN, Peter
(74) Madders Pty Ltd
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(54) PROCESSED CHEESE AND PREPARATION METHOD THEREFOR
(51) Int. Cl.
A23C 19/00 (2006.01)
A23C 19/076 (2006.01)
A23C 19/09 (2006.01)
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(43) 27.06.2024
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(74) Wallington-Dummer
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(11) AU-A-2023375280
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(54) EXTRACTION METHOD FOR SMALL-MOLECULE CORN BRAN POLYSACCHARIDE
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C08B 37/00 (2006.01)
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(51) Int. Cl.
G06Q 10/10 (2023.01)
G06F 21/62 (2013.01)
G06Q 10/0631 (2023.01)
G06Q 10/087 (2023.01)
G06Q 10/107 (2023.01)
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(72) WANG, Ernest
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C07K 16/28 (2006.01)
C07K 14/715 (2006.01)
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(74) Spruson & Ferguson
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(54) CAR ARRANGEMENT AND METHOD FOR MOUNTING A SPINDLE DRIVE IN A CAR ARRANGEMENT FOR A DOUBLE-DECKER ELEVATOR
(51) Int. Cl.
B66B 1/42 (2006.01)
(87) WO2023/110352
(31) 21214587.4 **(32)** 15.12.21 **(33)** EP
(43) 22.06.2023
(72) WEBER, Stefan; GAVRIC, Dragan; BECK, Roger
(74) Griffith Hack
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(54) ASSEMBLY OF A HOLLOW RAIL IN A LIFT SHAFT OF A LIFT INSTALLATION
(51) Int. Cl.
B66B 5/00 (2006.01)
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 (51) Int. Cl.
B66B 5/00 (2006.01)
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 (54) HYBRID ROTATIONAL SPEED DETECTOR
 (51) Int. Cl.
G01P 3/48 (2006.01)
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 (43) 06.07.2023
 (72) DECOOK, Bradley C.; REITANO, James
 (74) Spruson & Ferguson
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 (11) AU-A-2021481561
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 (54) AUTOMATIC CALIBRATION OF VIBRATION SENSOR BASED ON MOUNTING METHOD
 (51) Int. Cl.
G01H 1/00 (2006.01)
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 (43) 06.07.2023
 (72) DECOOK, Bradley C.; REITANO, James
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C07K 16/28 (2006.01)
A61P 35/00 (2006.01)
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C12N 5/0783 (2010.01)
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 (54) APPARATUS AND METHOD FOR DRYING AND STYLING HAIR
 (51) Int. Cl.
A45D 1/06 (2006.01)
A45D 1/04 (2006.01)
A45D 2/00 (2006.01)
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 (74) Davies Collison Cave Pty Ltd
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- (71) JENOPTIK ROBOT GMBH
 (11) AU-A-2022422056
 (21) 2022422056 (22) 20.12.2022
 (54) METHOD AND DEVICE FOR PROVIDING AT LEAST ONE EMISSION VALUE FOR A MEANS OF TRANSPORT
 (51) Int. Cl.
G06Q 10/00 (2023.01)
G08G 1/01 (2006.01)
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 (54) IMMERSION-TYPE THERMAL MANAGEMENT SYSTEM FOR POWER BATTERIES
 (51) Int. Cl.
H01M 10/617 (2014.01)
H01M 10/42 (2006.01)
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H01M 10/63 (2014.01)
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 (54) WINDING BODY, HIGH-VOLTAGE WINDING AND DRY-TYPE TRANSFORMER
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H01F 27/30 (2006.01)
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 (74) James & Wells Intellectual Property
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- (71) JOHNSON MATTHEY HYDROGEN TECHNOLOGIES LIMITED
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 (21) 2023215814 (22) 03.02.2023
 (54) CATALYST COATED MEMBRANES FOR WATER ELECTROLYSERS
 (51) Int. Cl.
C25B 1/04 (2021.01)
C25B 9/23 (2021.01)
C25B 11/052 (2021.01)
C25B 11/065 (2021.01)
C25B 11/075 (2021.01)
C25B 11/081 (2021.01)
C25B 13/02 (2006.01)
C25B 13/08 (2006.01)
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 (31) 2201432.8 (32) 04.02.22 (33) GB
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C25B 1/04 (2021.01)
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C25B 11/052 (2021.01)
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C25B 13/02 (2006.01)
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C01B 3/38 (2006.01)
C01B 3/48 (2006.01)
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A61B 17/00 (2006.01)
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 (54) ARRANGEMENT FOR CLASSIFYING PLANT EMBRYOS (72) BHATIA, Sanjeev; MILLETT, Peter, J.; ORRICO, James
 (51) Int. Cl. (74) AJ PARK
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A01D 46/30 (2006.01)
G06Q 10/08 (2023.01)
G06V 20/68 (2022.01)
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 (11) AU-A-2021475189 (31) 2021-214829 (32) 28.12.21 (33) JP
 (21) 2021475189 (22) 23.11.2021 06.07.2023
 (54) DISPENSING DEVICE WITH IMPROVED MOTOR ASSEMBLY (72) WATANABE, Natsuki
 (51) Int. Cl. (74) Spruson & Ferguson
A47K 5/12 (2006.01)
B66B 11/02 (2006.01)
B66B 17/34 (2006.01)
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 (21) 2022407439 (22) 07.12.2022
 (54) TREATMENT OF CANCER WITH AN FGFR KINASE INHIBITOR (43) 22.06.2023
 (51) Int. Cl. (72) HELENIUS, Juha; LANZ, Otto; RÄSÄNEN, Matti; HAAPANIEMI, Markku; MIKKONEN, Janne
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A61K 45/06 (2006.01)
C07D 471/04 (2006.01)
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 (54) APPARATUS FOR FORMING A BLANK (43) 27.07.2023
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 (74) FB Rice Pty Ltd
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 (11) AU-A-2022415088 (31) 2021-214829 (32) 28.12.21 (33) JP
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 (54) ELEVATOR PARKING BRAKE, METHOD FOR OPERATING AN ELEVATOR PARKING BRAKE, AND CONTROL DEVICE FOR AN ELEVATOR PARKING BRAKE (72) WATANABE, Natsuki
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 (51) Int. Cl. (74) Griffith Hack
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 (54) DISPENSING DEVICE WITH IMPROVED MOTOR ASSEMBLY (72) WATANABE, Natsuki
 (51) Int. Cl. (74) Spruson & Ferguson
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C07D 471/04 (2006.01)
C07D 487/04 (2006.01)
C07D 401/14 (2006.01)
C07D 405/14 (2006.01)
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H04W 4/70 (2018.01)
G01D 4/00 (2006.01)
H04L 12/28 (2006.01)
H04L 67/12 (2022.01)
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(54) AGRICULTURAL WORK ASSISTANCE SYSTEM, AGRICULTURAL MACHINE
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H04L 9/40 (2022.01)
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A47F 3/00 (2006.01)
A47B 61/04 (2006.01)
A47F 5/00 (2006.01)
A47F 7/08 (2006.01)
A47F 11/00 (2006.01)
A47L 23/20 (2006.01)
F26B 21/00 (2006.01)
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F25D 23/02 (2006.01)
E05D 7/081 (2006.01)
E05D 11/00 (2006.01)
F25D 23/04 (2006.01)
F25D 23/08 (2006.01)
F25D 25/02 (2006.01)
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H01M 10/656 (2014.01)
A62C 3/16 (2006.01)
H01M 10/42 (2006.01)
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A61B 17/221 (2006.01)
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(54) METHOD AND SYSTEM FOR REMOTE IRRIGATION SYSTEM MAINTENANCE
(51) Int. Cl.
A01G 25/16 (2006.01)
A01G 29/00 (2006.01)
G06F 3/01 (2006.01)
G06Q 50/02 (2012.01)
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(72) MILLER, Mark William
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A01G 25/09 (2006.01)
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A61Q 19/08 (2006.01)
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B07B 7/083 (2006.01)
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C25B 11/052 (2021.01)
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C25B 11/093 (2021.01)
C25C 1/08 (2006.01)
C25C 1/10 (2006.01)
C25C 1/12 (2006.01)
C25C 1/16 (2006.01)
C25C 1/20 (2006.01)
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H02K 17/04 (2006.01)
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A61B 17/70 (2006.01)
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G16H 10/60 (2018.01)
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B01L 3/00 (2006.01)
G01N 21/76 (2006.01)
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F27D 3/18 (2006.01)
C22B 5/00 (2006.01)
F27D 99/00 (2010.01)
C22B 15/00 (2006.01)
C22B 23/00 (2006.01)
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F16H 7/12 (2006.01)
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C07K 16/46 (2006.01)
A61K 39/395 (2006.01)
C07K 16/28 (2006.01)
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H03K 17/30 (2006.01)
H01L 27/088 (2006.01)
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H01L 29/66 (2006.01)
H01L 29/745 (2006.01)
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(54) IL-38 VARIANTS
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C07K 14/54 (2006.01)
A61K 38/00 (2006.01)
A61K 38/20 (2006.01)
A61P 29/00 (2006.01)
A61P 37/06 (2006.01)
C12N 15/85 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd
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(54) CORE/SHEATH STRUCTURE, METHOD FOR MANUFACTURING FLOCK PRODUCTS, AND FLOCK PRODUCTS
(51) Int. Cl.
B65D 1/16 (2006.01)
D06Q 1/14 (2006.01)
B05D 1/16 (2006.01)
B32B 27/08 (2006.01)
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(54) DEVICE, SYSTEM, AND METHOD FOR SWITCHING BETWEEN A NARROWBAND NETWORK AND A BROADBAND NETWORK
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H04W 36/36 (2009.01)
H04W 48/06 (2009.01)
H04W 88/06 (2009.01)
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A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
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- (71) NAGRAVISION SARL
(11) AU-A-2022407683
(21) 2022407683 (22) 08.12.2022
(54) TRACKER DEVICE FOR ACCESSING DATA SENT BY A DONGLE CONNECTED TO A VEHICLE AND METHOD FOR SECURING THE MOVE OF SUCH DEVICE
(51) Int. Cl.
G07C 9/28 (2020.01)
B60R 25/102 (2013.01)
G07C 5/00 (2006.01)
G07C 5/08 (2006.01)
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(31) 21213499.3 (32) 09.12.21 (33) EP
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(74) Griffith Hack
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(54) POLYMER CONJUGATED THYROINTEGRIN ANTAGONISTS
(51) Int. Cl.
C07C 59/64 (2006.01)
A61P 35/00 (2006.01)
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(11) AU-A-2023205539
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(54) METHODS FOR CANCER DETECTION AND MONITORING
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C12Q 1/6886 (2018.01)
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 (54) CELL POPULATION INCLUDING MESCENCHYMAL STEM CELLS, CELL SHEET, AND CELL SHEET PRODUCTION METHOD
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C12N 5/0775 (2010.01)
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 (74) FB Rice Pty Ltd
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 (21) 2022431496 (22) 28.12.2022
 (54) WEARABLE INFLATABLE FLOTATION DEVICE
 (51) Int. Cl.
B63C 9/18 (2006.01)
B63C 9/13 (2006.01)
B63C 9/15 (2006.01)
C01B 3/06 (2006.01)
C01B 6/11 (2006.01)
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 (54) FORMULATIONS OF PYRROLOPYRIDINE-ANILINE COMPOUNDS
 (51) Int. Cl.
A61K 31/33 (2006.01)
A61K 31/395 (2006.01)
A61K 31/407 (2006.01)
A61K 31/4162 (2006.01)
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 (11) AU-A-2022419071
 (21) 2022419071 (22) 19.12.2022
 (54) AEROSOL PROVISION DEVICE
 (51) Int. Cl.
A24F 40/40 (2020.01)
- A24F 40/465** (2020.01)
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 (54) AEROSOL PROVISION DEVICE
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 (72) TAYLOR, Benjamin
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 (54) A CONSUMABLE FOR USE WITH AN AEROSOL PROVISION DEVICE
 (51) Int. Cl.
A24F 40/42 (2020.01)
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 (72) PRESS, Robert
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 (54) APPARATUS FOR HEATING AEROSOL-GENERATING MATERIAL
 (51) Int. Cl.
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 (54) A CONSUMABLE FOR USE WITH AN AEROSOL PROVISION DEVICE
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A24F 40/00 (2020.01)
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 (51) Int. Cl.
G06F 16/95 (2019.01)
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 (11) AU-A-2022423064
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 (54) DECONTAMINATION INTENSITY SENSOR, DECONTAMINATION SYSTEM, DECONTAMINATION INTENSITY DETECTION METHOD, AND DECONTAMINATION INTENSITY DETECTION PROGRAM
 (51) Int. Cl.
A61L 2/28 (2006.01)
C12M 1/00 (2006.01)
C12M 1/12 (2006.01)
A61L 101/20 (2006.01)
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 (72) SHIGETA, Makoto; IKEDA, Takuji
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 (54) PROJECTILE CONSTRUCTION, LAUNCHER, AND LAUNCHER ACCESSORY
 (51) Int. Cl.
F42C 11/04 (2006.01)
F42B 12/34 (2006.01)
F42B 12/46 (2006.01)
F42B 30/02 (2006.01)
F42C 17/04 (2006.01)
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(11) AU-A-2022382861	(72) LYNCH, Jonathan; MCBRIDE, Troy; STETTENHEIM, Joel; EDSTROM, Per Erik Kristoffer; JOHNSON, Leif Kilkenny; BRAMBLES, Oliver James			(31) 2117102.0 (32) 26.11.21 (33) GB
(21) 2022382861 (22) 08.11.2022	(74) Raven IP			(43) 01.06.2023
(54) MASSLESS MIXING SYSTEM AND METHOD OF USE				(72) CUI, Xiaokai; PEARMAN, Christopher; SCHUCHART, Jonathan
(51) Int. Cl.				(74) James & Wells Intellectual Property
B01F 33/45 (2022.01)				
(87) WO2023/081519	(71) NOSTROMO LTD.			(71) OCADO INNOVATION LIMITED
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(43) 11.05.2023	(21) 2022421204 (22) 22.12.2022			(21) 2022397829 (22) 25.11.2022
(72) MECKSTROTH, James	(54) NUCLEATION AGENT			(54) DETERMINING AN EXCLUSION ZONE IN A WORKSPACE OF TRANS- PORT DEVICES
(74) Spruson & Ferguson	(51) Int. Cl.			(51) Int. Cl.
	C09K 5/06 (2006.01)			G06Q 10/04 (2023.01)
(71) NORDISCHER MASCHINENBAU RUD. BAADER GMBH + CO. KG	(87) WO2023/119299			(87) WO2023/094634
(11) AU-A-2021479254	(31) 63/292,519 (32) 22.12.21 (33) US			(31) 2117095.6 (32) 26.11.21 (33) GB
(21) 2021479254 (22) 16.12.2021	(43) 29.06.2023			(43) 01.06.2023
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(72) JACOBSEN, Ulf	(21) 2022399829 (22) 30.11.2022			(21) 2022416566 (22) 16.12.2022
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD	(54) CORONAVIRUS VACCINE FORMULA- TIONS			(54) SINGLE EXTRACELLULAR VES- ICLE PROTEIN AND RNA ASSAY VIA IN-SITU FLUORESCENCE MICRO- SCOPY IN A UV MICROPATTERN AR- RAY
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(71) NORTHROP GRUMMAN SYSTEMS CORPORATION	A61K 39/12 (2006.01) A61K 39/215 (2006.01) <i>A61P 31/14</i> (2006.01) <i>C07K 14/00</i> (2006.01)			G01N 33/543 (2006.01) C12Q 1/6818 (2018.01) C12Q 1/6876 (2018.01) G01N 33/552 (2006.01) G06T 7/00 (2017.01) <i>G01N 2/164</i> (2006.01)
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(72) HATHAWAY, Aaron, Ashley; ENG- BRECHT, Edward, R.; PRZYBYSZ, John, X.; YOUNG, Robert, Miles	(74) Spruson & Ferguson			(21) 2022419322 (22) 15.12.2022
(74) GLMR				(54) MECHATRONIC METHOD AND SYS- TEM FOR CASCADE ACTIVATION
				(51) Int. Cl.
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	(74) James & Wells Intellectual Property			(54) METHOD FOR PRODUCING AN AG- GREGATE, AND AGGREGATE
				(51) Int. Cl.
(71) OCADO INNOVATION LIMITED	(71) OCADO INNOVATION LIMITED			
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(21) 2022396745 (22) 25.11.2022	(21) 2022396745 (22) 25.11.2022			
(54) CALIBRATING A CAMERA FOR MAPPING IMAGE PIXELS TO GRID POINTS IN A STORAGE SYSTEM	(54) CALIBRATING A CAMERA FOR MAPPING IMAGE PIXELS TO GRID POINTS IN A STORAGE SYSTEM			
(51) Int. Cl.	(51) Int. Cl.			

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B01D 53/62 (2006.01)
C01F 5/24 (2006.01)
C04B 14/26 (2006.01)
C04B 18/02 (2006.01)
C04B 20/02 (2006.01)
C04B 28/10 (2006.01)
C04B 35/00 (2006.01)
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(72) BELLMANN, Frank
(74) FOUNDRY INTELLECTUAL PROP-
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(51) Int. Cl.
C04B 28/18 (2006.01)
C04B 7/36 (2006.01)
C04B 9/00 (2006.01)
C04B 9/20 (2006.01)
E04C 5/01 (2006.01)
E04C 5/07 (2006.01)
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 PRODUCTION FOR THE ENCAPSU-
 LATION OF NUCLEIC ACIDS
(51) Int. Cl.
A61K 9/107 (2006.01)
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C08J 3/12 (2006.01)
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(54) FOIL WRAPPING DEVICE
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A01F 15/07 (2006.01)
B65B 11/04 (2006.01)
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(72) HAGEN, Öyvind Jonassen
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(54) A CLUSTER DEROTATION TOOL AND
 METHODS OF USING THE SAME
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(54) METHOD
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C12Q 1/6869 (2018.01)
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(31) 2118906.3 (32) 23.12.21 **(33)** GB
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 Edward; RAIMONDEAU, Etienne;
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(11) AU-A-2022422583
(21) 2022422583 (22) 22.12.2022
(54) METHOD OF CHARACTERISING
 POLYPEPTIDES USING A NANO-
 PORE
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G01N 33/487 (2006.01)
C12Q 1/6869 (2018.01)
G01N 33/68 (2006.01)
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(71) PAIRED POWER, INC.
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(54) SOLAR CANOPY SYSTEMS AND
 METHODS
(51) Int. Cl.
H02S 20/30 (2014.01)
H02S 20/00 (2014.01)
H01L 31/048 (2014.01)
H02S 30/10 (2014.01)
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(54) USE OF DAPAGLIFLOZIN AND ANA-
 LOGUE THEREOF IN PREPARATION
 OF DRUG FOR PREVENTING AND
 TREATING MALE REPRODUCTIVE
 DYSFUNCTION
(51) Int. Cl.
A61K 45/00 (2006.01)
A61K 31/35 (2006.01)
A61K 31/351 (2006.01)
A61K 31/381 (2006.01)
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A61P 15/08 (2006.01)
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(74) Davies Collison Cave Pty Ltd

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(54) IMMUNOGENIC COMPOSITIONS
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 USES THEREOF
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A61K 47/64 (2017.01)
A61K 39/09 (2006.01)
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 YuYing
(74) Allens Patent & Trade Mark Attorneys

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(11) AU-A-2022389462
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(54) FORMULATIONS AND METHODS
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(51) Int. Cl.
A61K 31/33 (2006.01)
A61K 31/395 (2006.01)
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C07D 401/02 (2006.01)
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(54) NOVEL SUBSTITUTED FUSED BICYCLIC PYRIDINE CARBOXAMIDE COMPOUNDS FOR COMBATING PHYTOPATHOGENIC FUNGI
(51) Int. Cl.
C07D 215/54 (2006.01)
A01N 43/42 (2006.01)
A01N 43/90 (2006.01)
C07D 221/04 (2006.01)
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(54) FLOW CONTROL DEVICE FOR INSERTING INTO CONTAINER OPENINGS
(51) Int. Cl.
B65D 47/24 (2006.01)
A47J 41/00 (2006.01)
B65D 47/06 (2006.01)
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C07D 487/04 (2006.01)
A61K 31/437 (2006.01)
A61P 25/00 (2006.01)
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A61P 25/00 (2006.01)
A61K 31/4709 (2006.01)
C07D 231/08 (2006.01)
C07D 401/04 (2006.01)
C07D 401/14 (2006.01)
C07D 403/14 (2006.01)
C07D 405/14 (2006.01)
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A61K 31/37 (2006.01)
A61K 31/335 (2006.01)
A61P 27/02 (2006.01)
A61P 31/04 (2006.01)
C09B 11/08 (2006.01)
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A61C 19/00 (2006.01)
G06F 30/27 (2020.01)
G06V 10/82 (2022.01)
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A61M 11/00 (2006.01)
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B64F 5/00 (2017.01)
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C08L 3/06 (2006.01)
C08B 31/06 (2006.01)
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B32B 3/04 (2006.01)
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B32B 5/02 (2006.01)
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B32B 23/00 (2006.01)
B32B 27/36 (2006.01)
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G06Q 30/0241 (2023.01)
G06T 19/00 (2011.01)
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H04N 21/433 (2011.01)
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H04N 21/24 (2011.01)
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H04N 21/234 (2011.01)
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A61L 2/20 (2006.01)
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C05D 9/02 (2006.01)
C05F 11/00 (2006.01)
C05G 5/30 (2020.01)
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B63H 20/00 (2006.01)
B63H 1/28 (2006.01)
B63H 5/16 (2006.01)
B63H 20/28 (2006.01)
B63H 21/17 (2006.01)
B63H 21/38 (2006.01)
F01P 3/20 (2006.01)
H02K 1/18 (2006.01)
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A61K 38/00 (2006.01)
C12N 15/00 (2006.01)
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E21B 17/042 (2006.01)
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C12N 15/10 (2006.01)
C12N 9/78 (2006.01)
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B65D 5/74 (2006.01)
A61J 1/05 (2006.01)
A61J 1/14 (2023.01)
A61M 39/00 (2006.01)
B65D 41/20 (2006.01)
B65D 41/50 (2006.01)
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<p>(43) 19.05.2023 (72) SANTOS LEITE, Ronaldo (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD</p> <hr/> <p>(71) SANTOS LEITE, R. (11) AU-A-2022388086 (21) 2022388086 (22) 11.11.2022 (54) FIXED CLOSURE FOR LONG-LIFE PACKAGE WITH AN ACCESS FOR ENTERAL NUTRITION EQUIPMENT FOR USE BY A CLOSED SYSTEM (51) Int. Cl. A61J 1/05 (2006.01) A61J 1/14 (2023.01) A61J 1/20 (2006.01) A61M 39/00 (2006.01) B65D 5/06 (2006.01) B65D 41/20 (2006.01) B65D 41/34 (2006.01) B65D 41/50 (2006.01) B65D 47/32 (2006.01) B65D 47/36 (2006.01) B65D 47/38 (2006.01) (87) WO2023/081991 (31) 1020210229144 (32) 13.11.21 (33) BR (43) 19.05.2023 (72) SANTOS LEITE, Ronaldo (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD</p> <hr/> <p>(71) SAS INSTITUTE INC. (11) AU-A-2023375284 (21) 2023375284 (22) 05.12.2023 (54) SYSTEMS AND METHODS FOR CONFIGURING AND USING A MULTI-STAGE OBJECT CLASSIFICATION AND CONDITION PIPELINE (51) Int. Cl. G06V 10/764 (2022.01) G06T 3/40 (2006.01) G06T 7/11 (2017.01) G06V 10/82 (2022.01) (31) 63/431,277 (32) 08.12.22 (33) US (43) 27.06.2024 (72) BLANCHARD, Robert, Winston; VENGATESHWARAN, Neela, Niranjani (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd</p> <hr/> <p>(71) SAYFA R&D PTY LTD (11) AU-A-2023370590 (21) 2023370590 (22) 13.12.2023 (54) MODULAR FREE-STANDING BALANCED GUARDRAIL SYSTEM (51) Int. Cl. E04G 21/32 (2006.01) E04G 5/02 (2006.01) E04G 5/14 (2006.01) (87) WO2024/092325 (31) 2022903834 (32) 14.12.22 (33) AU (43) 10.05.2024 (72) VOSS, Barry; VOSS, Murray (74) Actuate Patents</p> <hr/>	<p>(71) SCHLUMBERGER TECHNOLOGY B.V. (11) AU-A-2022406763 (21) 2022406763 (22) 05.12.2022 (54) EXPANDABLE PACKER ASSEMBLY AND SETTING ASSEMBLY (51) Int. Cl. E21B 34/10 (2006.01) E21B 23/06 (2006.01) E21B 33/12 (2006.01) E21B 33/128 (2006.01) (87) WO2023/107377 (31) 202121057067 (32) 08.12.21 (33) IN (43) 15.06.2023 (72) GUPTA, Susheel Kumar; RODRIGUEZ, Oscar V.; ODAKKAL, Farshad (74) Griffith Hack</p> <hr/> <p>(71) SCHLUMBERGER TECHNOLOGY B.V. (11) AU-A-2022406765 (21) 2022406765 (22) 05.12.2022 (54) HIGH EXPANSION PACKER ASSEMBLY (51) Int. Cl. E21B 33/12 (2006.01) E21B 23/06 (2006.01) E21B 33/129 (2006.01) (87) WO2023/107382 (31) 202121057065 (32) 08.12.21 (33) IN (43) 15.06.2023 (72) GUPTA, Susheel Kumar; ODAKKAL, Farshad; RODRIGUEZ, Oscar V.; WINDSLOW, Richard James; JIN, Henghua (74) Griffith Hack</p> <hr/> <p>(71) SCHLUMBERGER TECHNOLOGY B.V. (11) AU-A-2022406766 (21) 2022406766 (22) 05.12.2022 (54) PACKER ASSEMBLY WITH AN ANTI-EXTRUSION ASSEMBLY (51) Int. Cl. E21B 33/128 (2006.01) E21B 23/06 (2006.01) E21B 33/12 (2006.01) (87) WO2023/107383 (31) 202121057236 (32) 09.12.21 (33) IN (43) 15.06.2023 (72) GUPTA, Susheel Kumar; ODAKKAL, Farshad; RODRIGUEZ, Oscar V.; WINDSLOW, Richard James; MUKHERJEE, Swarnajay; JAIN, Anshum (74) Griffith Hack</p> <hr/> <p>(71) SCHLUMBERGER TECHNOLOGY B.V. (11) AU-A-2022407038 (21) 2022407038 (22) 08.12.2022 (54) LUMINESCENT DIAMOND AND METHOD OF MAKING THE SAME (51) Int. Cl. C09K 11/65 (2006.01) B01J 3/06 (2006.01) C01B 32/28 (2017.01) (87) WO2023/107602 (31) 63/287,341 (32) 08.12.21 (33) US</p>	<p>63/374,035 31.08.22 US (43) 15.06.2023 (72) BAO, Yahua; BELNAP, J., Daniel (74) Griffith Hack</p> <hr/> <p>(71) SEABERY SOLUCIONES, S.L. (11) AU-A-2023209595 (21) 2023209595 (22) 18.01.2023 (54) METHOD AND SYSTEM FOR SIMULATING AND LEARNING SKILLS AND KNOWLEDGE IN AUGMENTED REALITY ENVIRONMENTS (51) Int. Cl. G09B 9/00 (2006.01) G09B 5/02 (2006.01) G09B 19/24 (2006.01) (87) WO2023/139304 (31) P202230040 (32) 19.01.22 (33) ES (43) 27.07.2023 (72) MARQUÍNEZ TORRECILLA, Pedro Gerardo; GARRIDO JURADO, Sergio (74) Dark IP</p> <hr/> <p>(71) SEATRIEVER INTERNATIONAL HOLDINGS LIMITED (11) AU-A-2022386740 (21) 2022386740 (22) 10.11.2022 (54) A BALLOON (51) Int. Cl. A63H 27/10 (2006.01) (87) WO2023/084226 (31) 2116161.7 (32) 10.11.21 (33) GB (43) 19.05.2023 (72) HALIBURTON, James (74) WRAYS PTY LTD</p> <hr/> <p>(71) SEC CARBON, LTD.; COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION (11) AU-A-2022421364 (21) 2022421364 (22) 13.10.2022 (54) CATHODE ASSEMBLY (51) Int. Cl. C25C 3/08 (2006.01) C22B 21/00 (2006.01) C25C 7/02 (2006.01) F27B 3/08 (2006.01) (87) WO2023/119802 (31) 2021-209593 (32) 23.12.21 (33) JP (43) 29.06.2023 (72) AKITA, Ryo; KOYAMA, Yasuhiro; TSUDA, Takuya; KIERUJ, Jeremy; MOLENAAR, David (74) FB Rice Pty Ltd</p> <hr/> <p>(71) SEEGROW HOLDINGS LIMITED (11) AU-A-2022384738 (21) 2022384738 (22) 11.11.2022 (54) OZONE SPRAY METHODS (51) Int. Cl. A01N 59/00 (2006.01) A01N 25/06 (2006.01) A01N 43/16 (2006.01) A01P 1/00 (2006.01) A01P 5/00 (2006.01) A01P 13/00 (2006.01) (87) WO2023/084238</p>
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(43) 19.05.2023
(72) NOEL, Stephen JR
(74) SR Intellectual Property
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- (71) SEEGROW HOLDINGS LIMITED
(11) AU-A-2022385500
(21) 2022385500 (22) 11.11.2022
(54) VALVED DOSING SYSTEM
(51) Int. Cl.
A01C 23/00 (2006.01)
A01C 23/02 (2006.01)
A01M 17/00 (2006.01)
A01B 45/02 (2006.01)
- (87) WO2023/084237
(31) 2116272.2 (32) 11.11.21 (33) GB
(43) 19.05.2023
(72) NOEL, Stephen JR
(74) SR Intellectual Property
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- (71) SEQ BIOMARQUE, LLC.
(11) AU-A-2022429793
(21) 2022429793 (22) 27.12.2022
(54) METHODS FOR DIAGNOSING AND/OR TREATING ALZHEIMER'S DISEASE
(51) Int. Cl.
G01N 33/68 (2006.01)
- (87) WO2023/129531
(31) 63/293,939 (32) 27.12.21 (33) US
(43) 06.07.2023
(72) BACUS, Sarah S.
(74) MINTER ELLISON
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- (71) SERVICENOW, INC.
(11) AU-A-2022433637
(21) 2022433637 (22) 09.12.2022
(54) FAILURE PREDICTION IN A COMPUTING SYSTEM BASED ON MACHINE LEARNING APPLIED TO ALERT DATA
(51) Int. Cl.
G06N 20/20 (2019.01)
G06F 11/07 (2006.01)
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- (87) WO2023/136952
(31) 17/576,490 (32) 14.01.22 (33) US
(43) 20.07.2023
(72) WATKINS, Matthew, Lawrence; SURAPANENI, Dinesh, Kumar Kishorkumar; JAYARAMAN, Baskar
(74) Madderns Pty Ltd
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- (71) SERVICENOW, INC.
(11) AU-A-2022434054
(21) 2022434054 (22) 06.12.2022
(54) COMMON FRAGMENT CACHING FOR WEB DOCUMENTS
(51) Int. Cl.
G06F 16/957 (2019.01)
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(72) SABLE, Kapeel; BERAN, Bojan; SOLIS, Carl
(74) Madderns Pty Ltd
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- (71) SHANGHAI BEST-LINK BIOSCIENCE, LLC
(11) AU-A-2022381111
(21) 2022381111 (22) 08.11.2022
(54) EPSILON-POLY-L-LYSINE-BASED DRUG CONJUGATE, INTERMEDIATE THEREOF, AND APPLICATION THEREOF
(51) Int. Cl.
A61K 47/64 (2017.01)
A61K 45/00 (2006.01)
A61K 47/54 (2017.01)
A61K 47/65 (2017.01)
A61P 35/00 (2006.01)
A61P 35/02 (2006.01)
C08G 69/48 (2006.01)
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(31) 202111323754.7 (32) 08.11.21 (33) CN
(43) 11.05.2023
(72) ZHANG, Fuyao; WAN, Jiaxun; HUANG, Lei
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71) SHANGHAI HENLIUS BIOTECH, INC.; SHANGHAI HENLIUS BIOPHARMACEUTICAL CO., LTD.; SHANGHAI HENLIUS BIOLOGICS CO., LTD.
(11) AU-A-2022411573
(21) 2022411573 (22) 15.12.2022
(54) ANTI-OX40 ANTIBODIES AND METHODS OF USE
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C12N 5/10 (2006.01)
C12N 15/85 (2006.01)
- (87) WO2023/109901
(31) PCT/CN2021/139277 (32) 17.12.21 (33) CN
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(72) XU, Wenfeng; DONG, Chen; LIN, Pei-Hua; JIANG, Wei-Dong
(74) WRAYS PTY LTD
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- (71) SHANGHAITECH UNIVERSITY
(11) AU-A-2022402777
(21) 2022402777 (22) 17.11.2022
(54) C2C9 NUCLEASE-BASED NOVEL GENOME EDITING SYSTEM AND APPLICATION THEREOF
(51) Int. Cl.
C12N 9/22 (2006.01)
C12N 15/10 (2006.01)
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(72) JI, Qianjiang; CHEN, Weizhong; MA, Jiacheng
(74) FB Rice Pty Ltd
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- (71) SHECHTER, A.
(11) AU-A-2022416977
(21) 2022416977 (22) 08.12.2022
(54) CONVEYANCE APPARATUS
(51) Int. Cl.
B60P 1/64 (2006.01)
B65G 67/02 (2006.01)
- (87) WO2023/111788
(31) 63/289,679 (32) 15.12.21 (33) US
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(72) SHECHTER, Adar
(74) Wallington-Dummer
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- (71) SHOPIFY INC.
(11) AU-A-2022412041
(21) 2022412041 (22) 09.12.2022
(54) SYSTEMS AND METHODS FOR CONTROLLING ACCESS TO A COMPUTING DEVICE
(51) Int. Cl.
G06F 21/31 (2013.01)
G06F 21/62 (2013.01)
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(31) 17/548,905 (32) 13.12.21 (33) US
(43) 22.06.2023
(72) HUGHES, Michael; CAVEDON, Francisco Afonso; ALI, Mir Mustafa; CHAWLA, Tarika; KALIAZINE, Alexandre
(74) Murray Trento & Associates Pty Ltd
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- (71) SHOPIFY INC.
(11) AU-A-2022432152
(21) 2022432152 (22) 21.12.2022
(54) SYSTEMS AND METHODS FOR GENERATING CUSTOMIZED AUGMENTED REALITY VIDEO
(51) Int. Cl.
G06T 19/00 (2011.01)
G06Q 30/0601 (2023.01)
- (87) WO2023/133623
(31) 17/576,684 (32) 14.01.22 (33) US
(43) 20.07.2023
(72) DEBRECZENI, Adam; LETKEMAN, Brennan; MASCHMEYER, Russ
(74) Murray Trento & Associates Pty Ltd
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- (71) SICPA HOLDING SA
(11) AU-A-2022389300
(21) 2022389300 (22) 11.11.2022
(54) METHODS FOR PRODUCING OVERT SECURITY FEATURES EXHIBITING ONE OR MORE INDICIA
(51) Int. Cl.
C09D 11/101 (2014.01)
B41M 3/14 (2006.01)
C09D 11/03 (2014.01)
C09D 11/037 (2014.01)
C09D 11/106 (2014.01)
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(72) PITTET, Hervé; VEYA, Patrick; BERSIER, Mélissa
(74) Spruson & Ferguson

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- (71) SIEMENS ENERGY GLOBAL GMBH & CO. KG
(11) AU-A-2023211002
(21) 2023211002 (22) 20.01.2023
(54) DIRECT AIR CAPTURE SYSTEM
(51) Int. Cl.
B01D 53/04 (2006.01)
(87) WO2023/144018
(31) 22153483.7 (32) 26.01.22 (33) EP
(43) 03.08.2023
(72) HJALMARSSON, Christer; JAKSCH, Peter; SVENSSON, Oscar; SZIJARTO, Janos
(74) Spruson & Ferguson
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- (71) SILLAJEN, INC.
(11) AU-A-2022414970
(21) 2022414970 (22) 14.12.2022
(54) PHARMACEUTICAL COMPOSITIONS COMPRISING MODIFIED BETA-CYCLODEXTRINS
(51) Int. Cl.
A61K 47/69 (2017.01)
A61K 31/519 (2006.01)
A61K 47/40 (2006.01)
A61P 35/00 (2006.01)
(87) WO2023/113479
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22181675.4 28.06.22 EP
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(72) BURY, Luc; HEUBES, Markus; HAUCK, Gerrit
(74) FB Rice Pty Ltd
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- (71) SILLAJEN, INC.
(11) AU-A-2022415783
(21) 2022415783 (22) 14.12.2022
(54) PHARMACEUTICAL COMBINATIONS FOR USE IN THE TREATMENT OF NEOPLASTIC DISEASES
(51) Int. Cl.
A61K 31/519 (2006.01)
A61K 31/337 (2006.01)
A61K 45/06 (2006.01)
A61P 35/00 (2006.01)
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(72) LANE, Heidi; BACHMANN, Felix; LITHERLAND, Karine; MCSHEEHY, Paul; FORSTER-GROSS, Nicole
(74) FB Rice Pty Ltd
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(54) APPARATUS FOR PRODUCING ELECTRICITY FROM A MOVING FLUID AND METHOD
(51) Int. Cl.
F03B 17/06 (2006.01)
F03D 5/06 (2006.01)
F03G 7/08 (2006.01)
H02K 7/18 (2006.01)
H02K 35/02 (2006.01)
H02N 2/18 (2006.01)
(87) WO2023/140739
(31) 20220068 (32) 19.01.22 (33) NO
(43) 27.07.2023
(72) BARRATT, Steven
(74) James & Wells Intellectual Property
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- (71) SMAOINTE NUA LIMITED
(11) AU-A-2022405897
(21) 2022405897 (22) 09.12.2022
(54) DISPENSER DEVICE FOR LIQUIDS IN CONTAINER BAG
(51) Int. Cl.
A47K 5/12 (2006.01)
B65B 69/00 (2006.01)
B65D 33/14 (2006.01)
B65D 75/58 (2006.01)
B65D 85/72 (2006.01)
B67D 1/00 (2006.01)
(87) WO2023/102618
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(72) SZYMANSKI, Marek
(74) protectmyidea.com.au
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- (71) SMARTSEAL AS
(11) AU-A-2022407692
(21) 2022407692 (22) 08.12.2022
(54) LIQUID DOSING DISPENSER AND LIQUID CONTAINER COMPRISING SAID LIQUID DOSING DISPENSER
(51) Int. Cl.
B05B 11/00 (2023.01)
(87) WO2023/104994
(31) 2030093 (32) 09.12.21 (33) NL
2031330 18.03.22 NL
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(72) GEBBINK, Jeroen Gerrit Anton; KNUTSEN, Rune Kristian
(74) Spruson & Ferguson
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- (71) SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
(11) AU-A-2022429625
(21) 2022429625 (22) 22.12.2022
(54) PROCESS FOR PRODUCING AN AERATED CHOCOLATE PRODUCT
(51) Int. Cl.
A23G 1/52 (2006.01)
A23G 1/00 (2006.01)
A23G 1/54 (2006.01)
A23G 3/52 (2006.01)
A23G 3/54 (2006.01)
A23P 30/40 (2016.01)
(87) WO2023/126325
(31) 21218098.8 (32) 29.12.21 (33) EP
(43) 06.07.2023
(72) GERMAN, Jamey; LEADBEATER, Richard John
(74) Spruson & Ferguson
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- (71) SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
(11) AU-A-2023211106
(21) 2023211106 (22) 27.01.2023
(54) PACKS FOR BEVERAGE PREPARATION SYSTEM
(51) Int. Cl.
A47J 31/40 (2006.01)
B65D 85/804 (2006.01)
(87) WO2023/144302
(31) 22153945.5 (32) 28.01.22 (33) EP
(43) 03.08.2023
(72) BONIN, Marilynne Isabelle; FIORE, Gina
(74) Spruson & Ferguson
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- (71) SIKI TECHNOLOGY AG
(11) AU-A-2023208850
(21) 2023208850 (22) 10.01.2023
(54) CEMENTITIOUS COMPOSITIONS HAVING BIOMASS ASHES, ESPECIALLY BAGASSE ASHES, AND USES THEREOF
(51) Int. Cl.
C04B 28/04 (2006.01)
(87) WO2023/138947
(31) 22382031.7 (32) 19.01.22 (33) EP
(43) 27.07.2023
(72) PASCUAL, Thomas
(74) WRAYS PTY LTD
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- (71) SILFRESH PTY LTD
(11) AU-A-2022417292
(21) 2022417292 (22) 23.12.2022
(54) COATING COMPOSITIONS
(51) Int. Cl.
C08K 3/08 (2006.01)
A61K 8/19 (2006.01)
A61K 8/29 (2006.01)
A61K 8/33 (2006.01)
A61K 8/34 (2006.01)
A61K 8/88 (2006.01)
A61K 8/97 (2017.01)
A61Q 3/02 (2006.01)
C08K 3/22 (2006.01)
C08K 5/07 (2006.01)
C08K 9/02 (2006.01)
C08L 77/04 (2006.01)
C08L 79/02 (2006.01)
C09D 5/16 (2006.01)
C09D 101/08 (2006.01)
(87) WO2023/115158
(31) 2021904263 (32) 24.12.21 (33) AU
(43) 29.06.2023
(72) TAN, Tony; BATRA, Vishek; TJANDAPUTRA, Ghian; PANCHAI, Jaimin; DUQUE SANCHEZ, Lina Marcela; PASIC, Paul; WERNER, Helmut
(74) FB Rice Pty Ltd
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- (71) SILLAJEN, INC.
(11) AU-A-2022408915
(21) 2022408915 (22) 14.12.2022
(54) METHODS OF TREATING NEOPLASTIC DISEASES
(51) Int. Cl.
C07D 471/14 (2006.01)
A61K 31/519 (2006.01)
A61P 35/00 (2006.01)
(87) WO2023/113478

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<p>(71) SOSEI GROUP CORPORATION (11) AU-A-2022416870 (21) 2022416870 (22) 16.12.2022 (54) CLAZOSENTAN DISODIUM SALT, ITS PREPARATION AND PHARMACEUTICAL COMPOSITIONS COMPRISING THE SAME (51) Int. Cl. C07D 401/14 (2006.01) A61K 31/506 (2006.01) A61P 9/00 (2006.01) (87) WO2023/111299 (31) 21215583.2 (32) 17.12.21 (33) EP (43) 22.06.2023 (72) AIGLSTORFER-HAAG, Iris; ISARNO, Thomas (74) FB Rice Pty Ltd</p>	<p>(71) STEVENS, A.J.; LATHAM, V.J. (11) AU-A-2022410476 (21) 2022410476 (22) 09.12.2022 (54) A HOLDER FOR VESSELS (51) Int. Cl. A45F 5/02 (2006.01) A47G 23/02 (2006.01) B60N 3/10 (2006.01) B62B 9/26 (2006.01) F16M 13/02 (2006.01) (87) WO2023/108198 (31) 2021904112 (32) 17.12.21 (33) AU (43) 22.06.2023 (72) STEVENS, Andrew Jonathan; LATHAM, Victoria Jane (74) Murray Trento & Associates Pty Ltd</p>	<p>(71) SUN CHEMICAL B.V. (11) AU-A-2022421027 (21) 2022421027 (22) 23.12.2022 (54) MINERAL OIL-FREE INTAGLIO INK (51) Int. Cl. C09D 11/105 (2014.01) C09D 7/20 (2018.01) C09D 7/40 (2018.01) C09D 11/033 (2014.01) (87) WO2023/118897 (31) 63/293,671 (32) 24.12.21 (33) US 2200325.5 12.01.22 GB (43) 29.06.2023 (72) FORRESTER, Vincent John (74) FB Rice Pty Ltd</p>
<p>(71) SPARK THERMIONICS, INC. (11) AU-A-2022421994 (21) 2022421994 (22) 21.12.2022 (54) BURNER SYSTEM AND METHOD OF OPERATION (51) Int. Cl. H01J 45/00 (2006.01) F24V 30/00 (2018.01) F24D 101/60 (2022.01) (87) WO2023/122177 (31) 63/292,263 (32) 21.12.21 (33) US 63/434,260 21.12.22 US (43) 29.06.2023 (72) SCHMITT, Felix; SCHWEDE, Jared William; RICH, David; SANDBERG, Tyler (74) PIPERS</p>	<p>(71) STIRMOT, S.L. (11) AU-A-2022418338 (21) 2022418338 (22) 22.12.2022 (54) WINDROWER RAKE (51) Int. Cl. A01D 78/14 (2006.01) (87) WO2023/118640 (31) P202131201 (32) 23.12.21 (33) ES (43) 29.06.2023 (72) ARCE GARCÍA, Diego (74) GLMR</p>	<p>(71) SYNTHETIC TURF RESOURCES (11) AU-A-2023274356 (21) 2023274356 (22) 22.05.2023 (54) ARTIFICIAL TURF COMPRISING ANTIMICROBIAL POLYURETHANE BACKING (51) Int. Cl. D06N 7/00 (2006.01) (87) WO2023/227533 (31) 63/345,549 (32) 25.05.22 (33) US 22184947.4 14.07.22 EP 18/316,566 12.05.23 US (43) 30.11.2023 (72) SICK, Stephan; MOBLEY, Larry Wayne; CLOER, Jerry Chase (74) Kings Patent & Trade Marks Attorneys Pty Ltd</p>
<p>(71) STERILEX, LLC (11) AU-A-2022429493 (21) 2022429493 (22) 01.12.2022 (54) PERACID BOOSTER (51) Int. Cl. A01N 25/30 (2006.01) A01N 25/02 (2006.01) A01N 37/02 (2006.01) A01N 37/04 (2006.01) A01N 37/10 (2006.01) A01N 37/40 (2006.01) A01N 59/00 (2006.01) (87) WO2023/129329 (31) 63/293,962 (32) 27.12.21 (33) US</p>	<p>(71) STOKE SPACE TECHNOLOGIES, INC. (11) AU-A-2023350603 (21) 2023350603 (22) 27.04.2023 (54) THIN-WALLED CURVED SHELL FORMED FROM MULTI-CONIC PREFORM, AND METHODS FOR MANUFACTURING THE SAME (51) Int. Cl. F02K 9/60 (2006.01) B23K 31/02 (2006.01) (87) WO2024/072486 (31) 63/363,867 (32) 29.04.22 (33) US 63/367,004 24.06.22 US 63/384,175 17.11.22 US (43) 04.04.2024 (72) DETHLEFSEN, Matthew Michael; BRENDDEL, Michael Smith; JOHNSON IV, William Thomas (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD</p>	<p>(71) TALON ENGINEERING SDN. BHD. (11) AU-A-2022422202 (21) 2022422202 (22) 09.12.2022 (54) LATCHING ASSEMBLY FOR GROUND ENGAGING TOOLS (51) Int. Cl. E02F 9/28 (2006.01) (87) WO2023/115103 (31) 2021904194 (32) 22.12.21 (33) AU (43) 29.06.2023 (72) TAN, Jia Hou; LOWRY, Damian William; DENNIS, Neil Robert (74) Armour IP</p>
<p>(71) SUEZ GROUPE (11) AU-A-2022407696 (21) 2022407696 (22) 09.12.2022 (54) DETECTION OF DOMESTIC USES OF WATER CONSUMPTION (51) Int. Cl. G01F 15/063 (2022.01) G01D 4/00 (2006.01) G01F 15/06 (2022.01) G06Q 50/06 (2012.01)</p>	<p>(71) TANGO THERAPEUTICS, INC. (11) AU-A-2022409524 (21) 2022409524 (22) 16.12.2022 (54) CRYSTALLINE FORM OF N-(6-AMINO-5-METHYLPYRIDIN-3-YL)-2-(BENZODI)THIAZOL-5-YL)-5-METHYLPYRIDIN-1-YL)-2-OXOACETAMIDE, PHARMACEUTICAL COMPOSITIONS AND METHODS OF USE THEREOF (51) Int. Cl. C07D 417/14 (2006.01) A61K 31/4545 (2006.01) A61P 35/00 (2006.01)</p>	<p>(71) TANGO THERAPEUTICS, INC. (11) AU-A-2022409524 (21) 2022409524 (22) 16.12.2022 (54) CRYSTALLINE FORM OF N-(6-AMINO-5-METHYLPYRIDIN-3-YL)-2-(BENZODI)THIAZOL-5-YL)-5-METHYLPYRIDIN-1-YL)-2-OXOACETAMIDE, PHARMACEUTICAL COMPOSITIONS AND METHODS OF USE THEREOF (51) Int. Cl. C07D 417/14 (2006.01) A61K 31/4545 (2006.01) A61P 35/00 (2006.01)</p>

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A61M 16/00 (2006.01)
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A61M 16/08 (2006.01)
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B28B 3/26 (2006.01)
B29C 48/06 (2019.01)
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A61B 5/00 (2006.01)
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 SYSTEM
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 FARKAS, Leslie G.
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G06F 7/72 (2006.01)
G06F 21/62 (2013.01)
H04L 9/00 (2022.01)
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 FOR TARGETED DELIVERY OF
 THERAPEUTIC AND/OR DIAGNOSTIC
 SPECIES
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A61K 41/00 (2020.01)
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C12N 15/113 (2010.01)
B82Y 5/00 (2011.01)
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 ARRIZABALAGA, Julien Henri
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 MEN) GMBH; THERMO FISHER SCI-
 ENTIFIC (SHANGHAI) INSTRUMENTS
 CO., LTD.
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 (54) PEAK POSITION MEASUREMENT
 OFFSET IN A TWO-DIMENSIONAL
 OPTICAL SPECTRUM
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G01J 3/14 (2006.01)
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(54) THERMAL-PRESSURE HYDROLYSIS OF SUSTAINABLE BIOMASS FOR THE PRODUCTION OF ALTERNATIVE PROTEINS AND BIO-MATERIALS
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C12P 5/02 (2006.01)
C12P 7/625 (2022.01)
C12P 19/02 (2006.01)
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(54) GENETIC MODIFICATIONS FOR XENOTRANSPLANTATION
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A01K 67/027 (2006.01)
A61K 35/12 (2015.01)
C07K 14/705 (2006.01)
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A61K 35/761 (2015.01)
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A61K 35/76 (2015.01)
A61P 27/02 (2006.01)
C12N 7/00 (2006.01)
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B66C 1/58 (2006.01)
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C22C 1/08 (2006.01)
B22F 1/00 (2022.01)
B22F 1/052 (2022.01)
B22F 3/035 (2006.01)
B22F 3/11 (2006.01)
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F03D 13/25 (2016.01)
B63B 35/44 (2006.01)
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A61P 17/00 (2006.01)
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 (54) METHOD FOR PRODUCING RECYCLED PULP FIBERS, METHOD FOR DEGRADING SUPER ABSORBENT POLYMER, AND METHOD FOR EVALUATING CLEANLINESS DEGREE OF RECYCLED PULP FIBERS
 (51) Int. Cl.
D21C 5/02 (2006.01)
B09B 3/00 (2022.01)
B09B 3/50 (2022.01)
C08J 11/10 (2006.01)
B09B 101/67 (2022.01)
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 (74) Allens Patent & Trade Mark Attorneys
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 (54) METHOD FOR RECYCLING MULTIPLE MATERIALS, INCLUDING SUPERABSORBENT POLYMER AND PULP FIBERS, FROM USED ABSORBENT ARTICLES
 (51) Int. Cl.
B09B 3/70 (2022.01)
B09B 3/35 (2022.01)
D21C 5/02 (2006.01)
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 (72) KONISHI, Takayoshi; KURITA, Noritomo
 (74) Allens Patent & Trade Mark Attorneys
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C12N 15/113 (2010.01)
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H02J 3/38 (2006.01)
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 (54) SYSTEMS AND METHODS FOR INFIGHT CONNECTIVITY
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H04W 48/16 (2009.01)
H04L 9/40 (2022.01)
H04W 4/00 (2018.01)
H04W 4/02 (2018.01)
H04W 12/00 (2021.01)
H04W 48/12 (2009.01)
H04W 84/00 (2009.01)
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H04B 7/04 (2017.01)
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A61B 34/32 (2016.01)
A61B 10/02 (2006.01)
A01K 1/03 (2006.01)
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B64D 1/22 (2006.01)
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C12H 3/02 (2019.01)
B01D 1/28 (2006.01)
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E05B 65/00 (2006.01)
E04H 17/14 (2006.01)
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E06B 11/04 (2006.01)
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B29C 48/86 (2019.01)
B05C 17/005 (2006.01)
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A63B 22/04 (2006.01)
A61H 39/04 (2006.01)
G16H 20/30 (2018.01)
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C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
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(21) 2022415852 (22) 01.09.2022
(54) RECOMBINANT GRANULAR PROTEIN PRODUCT SUITABLE FOR INDUSTRIAL PRODUCTION AND PREPARATION METHOD THEREFOR
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C07K 14/00 (2006.01)
C07K 1/14 (2006.01)
C07K 1/18 (2006.01)
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(54) CCR8 ANTIGEN BINDING UNIT AND USES THEREOF
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(21) 2022415377 (22) 12.12.2022
(54) PHARMACEUTICAL COMPOSITION COMPRISING TIGECYCLINE
(51) Int. Cl.
A61K 9/00 (2006.01)
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A61K 31/65 (2006.01)
A61P 31/04 (2006.01)
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- (71) ZTE CORPORATION
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(54) QUALITY OF EXPERIENCE MANAGEMENT METHOD AND APPARATUS
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H04W 24/02 (2009.01)
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(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) ZTE CORPORATION
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(54) SYSTEMS AND METHODS FOR RADIO ACCESS NETWORK (RAN) VISIBLE QUALITY OF EXPERIENCE (QoE) MEASUREMENT IN DUAL CONNECTIVITY ARCHITECTURE
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(72) ZHANG, Man; GAO, Yin; LI, Dapeng; LIU, Zhuang; LIU, Yansheng
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2022409172	NORWICH TECHNOLOGIES, INC.	2022416870	SOSEI GROUP CORPORATION
2022409237	CLIMEWORKS AG	2022416977	SHECHTER, A.
2022409262	GILGEN DOOR SYSTEMS AG	2022416992	CLEAN SEAS SEAFOOD LIMITED
2022409472	CROSSFIRE ONCOLOGY HOLDING B.V.	2022417014	THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO
2022409524	TANGO THERAPEUTICS, INC.	2022417064	BANDINI, C.
2022409603	INTERVET INTERNATIONAL B.V.	2022417068	AMI HOLDINGS LIMITED
2022409708	DANA-FARBER CANCER INSTITUTE, INC.	2022417283	SABAN VENTURES PTY LIMITED
2022409791	MOON CREATIVE LAB, INC.	2022417292	SILFRESH PTY LTD
2022409837	FTC SOLAR, INC.	2022417517	FLAGSHIP PIONEERING INNOVATIONS VI, LLC
2022409922	KRAKEN TECHNOLOGIES LIMITED	2022417615	UNIVERSITY OF MASSACHUSETTS
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2022410432	ELISA OYJ	2022417945	DE' LONGHI APPLIANCES S.R.L.
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2022418390	LG ENERGY SOLUTION, LTD.	2022426011	KOMATSU LTD.
2022418410	LUOSSAVAARA-KIIRUNAVAARA AB	2022426351	AUSNUTRIA B.V.
2022418694	MITSUBOSHI BELTING LTD.	2022426481	ELECTRIC HYDROGEN CO.
2022419047	CJ CHEILJEDANG CORPORATION	2022426489	ILLUMINA, INC.
2022419071	NICOVENTURES TRADING LIMITED	2022426545	CHINA MOBILE COMMUNICATION CO., LTD RESEARCH INSTITUTE; CHINA MOBILE COMMUNICATIONS GROUP CO., LTD.
2022419079	NICOVENTURES TRADING LIMITED	2022426637	BIONTECH SE
2022419094	CETEV	2022426643	F. HOFFMANN-LA ROCHE AG
2022419156	ATOMS FOR CURE GMBH	2022426674	PROVECTUS PHARMATECH, INC.; UNIVERSITY OF TENNESSEE RESEARCH FOUNDATION
2022419165	NICOVENTURES TRADING LIMITED	2022426977	TOHO TITANIUM CO.,LTD.
2022419262	MOTOROLA SOLUTIONS, INC.	2022427640	JIANGSU SHEMAR ELECTRIC CO., LTD.
2022419294	COLGATE-PALMOLIVE COMPANY	2022427861	TECHNOLOGIES AVANCEES ET MEMBRANES INDUSTRIELLES
2022419307	CILCARE DEV	2022428247	KUBOTA CORPORATION
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2022419347	COLGATE-PALMOLIVE COMPANY	2022429076	CJ CHEILJEDANG CORPORATION
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2022419420	AB VALIDATION INC. FAS IVANO BIOSCIENCE	2022429625	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
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2022419759	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI	2022429744	CANARY CO HOLDINGS PTY LTD
2022419941	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	2022429793	SEQ BIOMARQUE, LLC.
2022419958	ROVI GUIDES, INC.	2022430190	LOESCHE GMBH
2022419965	PAIRED POWER, INC.	2022430575	TESLA NANOCOATINGS, INC.
2022419992	89BIO, INC.	2022431237	BRIDGER PHOTONICS, INC.
2022420519	CHR. HANSEN A/S	2022431496	NEOMARE LTD.
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2022420614	AKAGERA MEDICINES, INC.	2022432152	SHOPIFY INC.
2022420664	GUERBET; INSTITUT GUSTAVE ROUSSY	2022433637	SERVICENOW, INC.
2022420711	TOTALENERGIES ONETECH	2022433868	NICOVENTURES TRADING LIMITED
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2022420743	NICOVENTURES TRADING LIMITED	2022434691	HITACHI, LTD.
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2022421027	SUN CHEMICAL B.V.	2022457415	ZTE CORPORATION
2022421040	RAPIDFLIGHT HOLDINGS LLC	2022470715	ZTE CORPORATION
2022421204	NOSTROMO LTD.	2022472273	NL ENTERPRISES, LLC
2022421236	SANGAMO THERAPEUTICS, INC.	2022477088	GUROK HOLDING B.V.
2022421364	SEC CARBON, LTD.; COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION	2023204723	CORNELL PUMP COMPANY LLC
2022421698	ROVI GUIDES, INC.	2023204747	DANA-FARBER CANCER INSTITUTE, INC.
2022421829	GRAY, J.W.	2023204749	ELECTRIC HYDROGEN CO.
2022421841	SAIL BIOMEDICINES, INC.	2023205178	RENOVION, INC.
2022421951	DUNCAN, C.	2023205230	MESO SCALE TECHNOLOGIES, LLC.
2022421986	ELECTRIC HYDROGEN CO.	2023205244	AUSPERBIO THERAPEUTICS INC.
2022421994	SPARK THERMIONICS, INC.	2023205539	NATERA, INC.
2022422056	JENOPTIK ROBOT GMBH	2023205779	LINDSAY CORPORATION
2022422127	HILL'S PET NUTRITION, INC.	2023205782	AGENSYS, INC.; SEAGEN INC.
2022422129	BOSTON SCIENTIFIC MEDICAL DEVICE LIMITED	2023205852	ABBOTT DIABETES CARE INC.
2022422167	APOSCIENCE AG	2023205927	WESTROCK PACKAGING SYSTEMS, LLC
2022422202	TALON ENGINEERING SDN. BHD.	2023206867	EVOLOH, INC.
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2022422474	JEMELLA LIMITED	2023207268	OLIMENT@GMBH
2022422583	OXFORD NANOPORE TECHNOLOGIES PLC	2023207315	PFIZER INC.
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2022423102	THERMO FISHER SCIENTIFIC (BREMEN) GMBH; THERMO FISHER SCIENTIFIC (SHANGHAI) INSTRUMENTS CO., LTD.	2023208850	SIKA TECHNOLOGY AG
2022423132	VESTAS WIND SYSTEMS A/S	2023209595	SEABERY SOLUCIONES, S.L.
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2023216039 NORTHROP GRUMMAN SYSTEMS CORPORATION
2023216103 BOSTON SCIENTIFIC SCIMED INC.
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2023221976 ROVI GUIDES, INC.
2023222118 LIPOTRUE, S.L.
2023226585 DSM IP ASSETS B.V.
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2023232982 JOHNSON MATTHEY PUBLIC LIMITED COMPANY
2023233568 ROVI GUIDES, INC.
2023234726 CONVATEC LIMITED
2023236747 CONVATEC LIMITED
2023236997 CONVATEC LIMITED
2023241141 RUSSO TRADING COMPANY, INC.
2023252845 ROVI GUIDES, INC.
2023255824 CCTEG BEIJING TIANMA INTELLIGENT CONTROL TECHNOLOGY CO., LTD.; BEIJING CCRI-TIANMA AUTOMATION TECHNOLOGY CO., LTD.
2023256755 CHENGDU LEEJUN INDUSTRIAL CO LTD
2023261936 ELECTRIC HYDROGEN CO
2023265591 ELECTRIC HYDROGEN CO.
2023272559 ROVI GUIDES, INC.
2023274356 SYNTHETIC TURF RESOURCES
2023288354 LG ELECTRONICS INC.
2023289270 ALTEOGEN INC.
2023316922 JIANGSU ADVANCED CONSTRUCTION MACHINERY INNOVATION CENTER LTD.
2023350603 STOKE SPACE TECHNOLOGIES, INC.
2023355064 INNER MONGOLIA MENGNIU DAIRY (GROUP) CO., LTD.
2023369038 COOPERVISION INTERNATIONAL LIMITED
2023370590 SAYFA R&D PTY LTD
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<u>B22F 3 /-</u>	<u>B32B 27 /-</u>	<u>B62B 9 /-</u>	<u>B65B 11 /-</u>	<u>B65G 57 /-</u>	<u>C01B 6 /-</u>
2022426977	2022409791 2022415043	2022410476	2022406048	2022395774	2022431496
<u>B23K 31 /-</u>	<u>B32B 3 /-</u>	<u>B63B 1 /-</u>	<u>B65B 5 /-</u>	<u>B65G 67 /-</u>	<u>C01F 5 /-</u>
2023350603	2022415043	2022438346	2022395774	2022416977	2023207268
<u>B25B 21 /-</u>	<u>B32B 5 /-</u>	<u>B63B 35 /-</u>	<u>B65B 69 /-</u>	<u>B65G 69 /-</u>	<u>C02F 1 /-</u>
2023214646	2022415043 2023214474	2022420711	2022405897	2022395774	2022420948 2022424191
<u>B25B 23 /-</u>	<u>B32B 7 /-</u>	<u>B63B 5 /-</u>	<u>B65D 1 /-</u>	<u>B66B 1 /-</u>	<u>C02F 11 /-</u>
2023214646	2022413677	2022438346	2022398817 2022409791	2022413040	2022390169 2022420948
<u>B25F 5 /-</u>	<u>B33Y 30 /-</u>	<u>B63B 75 /-</u>	<u>B65D 17 /-</u>	<u>B66B 11 /-</u>	<u>C02F 3 /-</u>
2023214646	2022408220	2022431496	2022398817	2022415088	2022390169
<u>B25J 11 /-</u>	<u>B41F 1 /-</u>	<u>B63C 9 /-</u>	<u>B65D 33 /-</u>	<u>B66B 17 /-</u>	<u>C03C 11 /-</u>
2022406517	2022422203	2022384735	2022405897	2022415088	2022477088
<u>B25J 5 /-</u>	<u>B41M 3 /-</u>	<u>B63G 8 /-</u>	<u>B65D 41 /-</u>	<u>B66B 19 /-</u>	<u>C03C 3 /-</u>
2022406517	2022389300	202238843	2022387149 2022388086 2022407713	2022415137 2022415368	2022477088
<u>B25J 9 /-</u>	<u>B44C 1 /-</u>	<u>B63H 19 /-</u>	<u>B65D 43 /-</u>	<u>B66B 5 /-</u>	<u>C03C 4 /-</u>
2022406517	2022410724	2022384735	2022387149	2022415137 2022415368	2022477088
<u>B28B 3 /-</u>	<u>B60C 25 /-</u>	<u>B63H 20 /-</u>	<u>B65D 47 /-</u>	<u>B66C 1 /-</u>	<u>C04B 14 /-</u>
2022427861	2022402563	2022388843	2022387149 2022388086 2022396946	2022403163	2023207268
<u>B29B 7 /-</u>	<u>B60L 50 /-</u>	<u>B63H 21 /-</u>	<u>B65D 5 /-</u>	<u>B67B 3 /-</u>	<u>C04B 18 /-</u>
2022413105	2022426011	2022388843	2022387149 2022388086	2022415329	2023207268
<u>B29B 9 /-</u>	<u>B60L 53 /-</u>	<u>B63H 5 /-</u>	<u>B65D 51 /-</u>	<u>B67C 7 /-</u>	<u>C04B 20 /-</u>
2022390718	2022385578	2022388843	2022387149 2022407713	2022415329	2023207268
<u>B29C 48 /-</u>	<u>B60N 2 /-</u>	<u>B64C 1 /-</u>		<u>B67D 1 /-</u>	<u>C04B 28 /-</u>
2022398924 2022413105 2022427861	2023214010	2022421040		2022405897 2022424265 2022425767	2021479259 2022407140

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2023207268	2023207801	<u>C07D 487 /-</u>	<u>C07K 16 /-</u>	<u>C08K 5 /-</u>	<u>C10L 3 /-</u>
2023208850					
<u>C04B 35 /-</u>	<u>C07D 213 /-</u>	2022379973	2021474386	2022417292	2022390169
	2023204747	2022399756	2022383848		
2022387418		2022407173	2022392415	<u>C08K 9 /-</u>	<u>C11D 1 /-</u>
2022388556	<u>C07D 215 /-</u>	2022407439	2022393224		
2023207268		2022409472	2022400921	2022417292	2022413860
	2022414326	2023210421	2022406708		2022419347
<u>C04B 7 /-</u>	2022420610	<u>C07D 491 /-</u>	2022409603	<u>C08L 3 /-</u>	
			2022411573		<u>C11D 11 /-</u>
2021479259	<u>C07D 221 /-</u>	2023210421	2022413444	2022413860	
2022407140			2022416564		2022404704
	2022414326	<u>C07D 495 /-</u>	2023205782	<u>C08L 75 /-</u>	2022419347
<u>C04B 9 /-</u>	<u>C07D 231 /-</u>	2022414326	<u>C07K 19 /-</u>	2023215688	<u>C11D 17 /-</u>
	2022407173	<u>C07D 498 /-</u>	2021474386	<u>C08L 77 /-</u>	2022404704
2021479259					
<u>C05C 9 /-</u>	<u>C07D 401 /-</u>	2022402875	<u>C07K 7 /-</u>	2022417292	<u>C11D 3 /-</u>
		2022414326	2022384263	2023216103	
2022391186	2022389462	2023210421	2022412618		2022404704
<u>C05D 9 /-</u>	2022404488	<u>C07D 519 /-</u>	2023222118	<u>C08L 79 /-</u>	2022419347
	2022407173				
2022391186	2022407439		<u>C08B 31 /-</u>	2022417292	<u>C12H 3 /-</u>
	2022412842	2022397664			
<u>C05F 11 /-</u>	2022414326	2022402875	2022413860	<u>C09B 11 /-</u>	2022404631
	2022416870	2022407173			
2022391186	2023204747	<u>C07F 5 /-</u>	<u>C08B 37 /-</u>	2022426674	<u>C12M 1 /-</u>
2022439618	2023210421				
<u>C05G 5 /-</u>	<u>C07D 403 /-</u>	2022405079	2023375280	<u>C09D 101 /-</u>	2022423064
		2022405195	<u>C08F 2 /-</u>	2022417292	<u>C12N 1 /-</u>
2022391186	2022394333	<u>C07H 1 /-</u>	2022413470	<u>C09D 11 /-</u>	2022423037
2022416293	2022407173				
	2022407439	2022419992	<u>C08F 214 /-</u>	2022389300	<u>C12N 15 /-</u>
<u>C07C 1 /-</u>	<u>C07D 405 /-</u>			2022421027	
		<u>C07H 13 /-</u>	2022424008	<u>C09D 133 /-</u>	2021474386
2022385578	2022394333	2022387742	<u>C08F 216 /-</u>		2022388800
<u>C07C 233 /-</u>	2022407173			2022413470	2022391744
	2022407439	<u>C07H 19 /-</u>	2022424008		2022394766
2022405079	2023210421			<u>C09D 175 /-</u>	2022396114
<u>C07C 271 /-</u>	<u>C07D 413 /-</u>	2022419992	<u>C08F 220 /-</u>		2022397300
				2022413549	2022402777
2022387111	2022388696	<u>C07H 21 /-</u>	2022413470	<u>C09D 5 /-</u>	2022403614
	2022394333				2022410650
<u>C07C 333 /-</u>	2022407173	2022395070	<u>C08G 18 /-</u>	2022417292	2022411573
	2022407439	2023205244		2022430575	2022413687
2022387111	2023210421	<u>C07J 31 /-</u>	2022413549		2022413848
<u>C07C 39 /-</u>	<u>C07D 417 /-</u>		2023215688	<u>C09D 7 /-</u>	2022417517
		2022405896	<u>C08G 69 /-</u>		2022417615
2022419399	2022407173			2022421027	2022419399
	2022407439	<u>C07K 1 /-</u>	2022381111	2022430575	2022420519
<u>C07C 59 /-</u>	2022409524				2022421236
	2023210421	2022415852	<u>C08J 11 /-</u>	<u>C09K 11 /-</u>	2022421841
2022406777	<u>C07D 471 /-</u>	<u>C07K 14 /-</u>			2023205244
<u>C07C 65 /-</u>			2022418060	2022407038	<u>C12N 5 /-</u>
	2022379973	2022384263	<u>C08J 3 /-</u>	<u>C09K 3 /-</u>	2022388808
2022419399	2022394333	2022397300			2022391267
<u>C07C 67 /-</u>	2022397664	2022399829	2022419468	2022407830	2022411573
	2022399756	2022403614	2023216103	<u>C09K 5 /-</u>	2022422167
2022387742	2022407173	2022409603	<u>C08J 9 /-</u>		<u>C12N 7 /-</u>
	2022407439	2022409708		2022421204	
<u>C07C 69 /-</u>	2022408915	2022413848	2022390718	<u>C10B 57 /-</u>	2022394766
	2022409472	2022415852			
2022387742	2022414326	2023213996	<u>C08K 3 /-</u>		<u>C12N 9 /-</u>
<u>C07D 209 /-</u>	2023210421	2023222118		2022388556	
		2023289270	2022417292	<u>C10G 2 /-</u>	2022388800
2022413759			2022430575		2022402777
2023204747			2023215688	2022422772	2022413848
					2022419399

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2022421236 2023289270 C12P 19/-	2022426481 2022431710 2023215175 2023215814 2023216475 2023232652 2023265591 C25B 11/-	2022410986 D06F 58/- 2022408551 2022410986 D06N 7/- 2023274356 D06Q 1/- 2022409791 D21C 5/- 2022418060 2022423654 E02F 3/- 2022413709 E02F 9/- 2022413709 2022422202 E03D 3/- 2022414519 E03D 5/- 2022414519 E04B 1/- 2022415043 2023215688 E04C 5/- 2021479259 E04G 21/- 2023370590 E04G 5/- 2023370590 E04H 17/- 2022387146 E05B 47/- 2022407051 2022419322 E05B 65/- 2022387146 2022407051 2022409262 E05C 3/- 2022407051 E05C 5/- 2022409262	E05D 11/- 2021479735 2023288354 E05D 3/- 2021479735 E05D 7/- 2023288354 E06B 11/- 2022387146 E21B 15/- 2022415895 E21B 17/- 2022417851 E21B 19/- 2022415895 2022417851 E21B 23/- 2022406763 2022406765 2022406766 E21B 29/- 2022415895 E21B 33/- 2022406763 2022406765 2022406766 E21B 34/- 2022406763 E21B 45/- 2022419941 E21B 47/- 2022419941 E21B 7/- 2022419941 F01K 25/- 2022394808 F01K 3/- 2022409172 F01P 3/- 2022388843	F02D 17/- 2022419759 F02D 19/- 2022419759 F02D 41/- 2022421829 F02K 9/- 2023350603 F02M 21/- 2022419759 F02M 27/- 2022419759 F03B 11/- 2023387747 F03B 15/- 2023387747 F03B 17/- 2023208826 F03D 13/- 2022420711 2022438346 F03D 5/- 2023208826 F03G 3/- 2022408154 2022415187 F03G 7/- 2023208826 F04B 13/- 2022407460 F04B 43/- 2022407460 F04B 49/- 2022407460 F16H 7/- 2022418694 F16K 17/- 2022413126	F16M 13/- 2022410476 F17C 13/- 2022403857 F17C 3/- 2022403857 F17C 5/- 2022395789 2022395790 F17C 9/- 2022411385 F22B 1/- 2022409172 F23C 9/- 2022392827 F23D 14/- 2022389791 2022394811 F23J 15/- 2022392827 F23L 15/- 2022392827 F23L 7/- 2022392827 F24D 101/- 2022421994 F24F 1/- 2022414422 F24F 11/- 2022434691 F24V 30/- 2022421994 F25B 21/- 2023216039 F25D 17/- 2021479589 F25D 23/- 2023288354
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PCT applications which have entered the National Phase - IPC Index cont'd

<u>F25D 25 /-</u>	<u>G01D 4 /-</u>	<u>G01P 3 /-</u>	<u>G06F 17 /-</u>	<u>G06T 17 /-</u>	<u>G09G 3 /-</u>
2023288354	2022407696 2022409922	2021481026	2022431237	2022429744	2022412031
<u>F26B 21 /-</u>	<u>G01F 11 /-</u>	<u>G01R 27 /-</u>	<u>G06F 21 /-</u>	<u>G06T 19 /-</u>	<u>G09G 5 /-</u>
2022415669	2022405425	2023261936	2022395073 2022405032	2022429744 2022432152	2022412031
<u>F26B 23 /-</u>	<u>G01F 15 /-</u>	<u>G01R 31 /-</u>	2022407026 2022412041 2022417014	2023221976	<u>G16B 15 /-</u>
2022391123	2022407696	2023204749 2023261936		<u>G06T 3 /-</u>	2022407175
<u>F26B 25 /-</u>	<u>G01G 17 /-</u>	<u>G01R 33 /-</u>	<u>G06F 3 /-</u>	2023375284	<u>G16B 20 /-</u>
2022391123	2022403089	2022420664	2022416407 2022419958 2022429744 2023221976	<u>G06T 5 /-</u>	2022425376
<u>F26B 3 /-</u>	<u>G01G 21 /-</u>	<u>G01R 35 /-</u>		2021476731	<u>G16B 25 /-</u>
2022391123	2022403089	2023261936	<u>G06F 30 /-</u>	<u>G06T 7 /-</u>	2022407175 2022407176
<u>F26B 9 /-</u>	<u>G01H 1 /-</u>	<u>G01S 17 /-</u>	2022404908	2021476731 2022396745 2022407175 2022407176 2022416566 2023375284	<u>G16B 40 /-</u>
2022391123	2021481561	2022431237	<u>G06F 7 /-</u>		2022425376
<u>F27B 3 /-</u>	<u>G01J 3 /-</u>	<u>G01S 19 /-</u>	2022417014		<u>G16H 10 /-</u>
2022421364	2022423102	2022421829	<u>G06K 19 /-</u>	<u>G06V 10 /-</u>	2022392811 2022395074 2022405543 2022426643
<u>F27D 3 /-</u>	<u>G01K 1 /-</u>	<u>G01T 1 /-</u>	2022407713	2022404908 2022420664 2023375284	<u>G16H 15 /-</u>
2021478128	2022388907	2022358745	<u>G06N 20 /-</u>		2022426643
<u>F27D 99 /-</u>	<u>G01K 11 /-</u>	<u>G01T 3 /-</u>	2022433637	<u>G06V 20 /-</u>	
2021478128	2022388907	2022358745	<u>G06N 3 /-</u>	2022395882	<u>G16H 20 /-</u>
<u>F28D 20 /-</u>	<u>G01L 1 /-</u>	<u>G01T 7 /-</u>	2021477275	<u>G07C 5 /-</u>	2022358745 2022383121
2022409172	2023265591	2022358745	<u>G06Q 10 /-</u>	2022407683 2022421829	<u>G16H 30 /-</u>
<u>F28D 7 /-</u>	<u>G01L 9 /-</u>	<u>G01V 5 /-</u>	2022395073 2022395882 2022397829 2022421951 2022422056 2022434691	<u>G07C 9 /-</u>	2022420664
2022387280	2022413126	2022386700		2022407683	<u>G16H 40 /-</u>
<u>F28F 9 /-</u>	<u>G01N 15 /-</u>	<u>G02B 30 /-</u>		<u>G08G 1 /-</u>	2022426643
2022387280	2022407175 2022426489	2022412031	<u>G06Q 30 /-</u>	2022422056	<u>G16H 50 /-</u>
<u>F42B 12 /-</u>	<u>G01N 21 /-</u>	2023211636	2022417068 2022432152 2022434691 2023221976	<u>G09B 19 /-</u>	2022395074 2022404908 2022420664
2022472273		<u>G05D 11 /-</u>		2023209595	
<u>F42B 30 /-</u>	2022416566 2022419047 2022431237 2023205230	2022407460	<u>G06Q 40 /-</u>	<u>G09B 5 /-</u>	<u>H01F 27 /-</u>
2022472273		<u>G05D 16 /-</u>	2022396787	2023209595	2022427640
<u>F42C 11 /-</u>	<u>G01N 33 /-</u>	2022425767	<u>G06Q 50 /-</u>	<u>G09B 9 /-</u>	<u>H01H 35 /-</u>
2022472273	2022407175 2022413677 2022416566 2022419047 2022419420	<u>G05D 9 /-</u>	2022407696 2022416407 2022417068 2022434691 2023205779	2023209595	2022413126
<u>F42C 17 /-</u>	2022422583 2022426643 2022429793	2022407460		<u>G09C 5 /-</u>	<u>H01J 45 /-</u>
2022472273		<u>G06F 11 /-</u>		2022417014	2022421994
<u>G01B 13 /-</u>	<u>G01N 35 /-</u>	2022433637	<u>G06T 11 /-</u>	<u>G09F 1 /-</u>	<u>H01L 27 /-</u>
2023255824	2022400963 2022405543	<u>G06F 16 /-</u>	2022410724	2022410724	2022388081
<u>G01D 21 /-</u>		2021477953 2022394099 2022429744 2022434054	<u>G06T 15 /-</u>	<u>G09F 3 /-</u>	<u>H01L 29 /-</u>
2023204723			2022412031	2022410724	2022388081

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<u>H01L 31 /-</u>	<u>H02M 7 /-</u>	<u>H04N 13 /-</u>	<u>H10N 69 /-</u>
2022419965	2021478368	2022412031	2023216039
	2022421986		
<u>H01M 10 /-</u>	2022429682	<u>H04N 21 /-</u>	
2022408030		2021477534	
2022412927	<u>H02N 2 /-</u>	2022399687	
2022418390	2023208826	2022421698	
2023204749		2023233568	
2023316922	<u>H02P 13 /-</u>	2023252845	
	2022421986	2023272559	
<u>H01M 4 /-</u>		<u>H04N 9 /-</u>	
2022391917	<u>H02S 20 /-</u>	2022412031	
2022408030	2022385578		
2023206867	2022409837	<u>H04R 1 /-</u>	
	2022419965	2022413243	
<u>H01M 50 /-</u>		<u>H04R 3 /-</u>	
2022408030	<u>H02S 30 /-</u>	2022398236	
2023316922	2022409837		
	2022419965	<u>H04S 7 /-</u>	
<u>H01M 8 /-</u>	2022428543	2022385337	
2022391917		<u>H04W 12 /-</u>	
2022431710	<u>H03G 5 /-</u>	2022405032	
2023265591	2022398236	2022405040	
	<u>H03K 17 /-</u>	<u>H04W 24 /-</u>	
<u>H02J 3 /-</u>	2022388081	2022457415	
2021478368		2022470715	
2022410432	<u>H04B 7 /-</u>		
2022423132	2022407058	<u>H04W 36 /-</u>	
2022429682		2022419262	
<u>H02J 50 /-</u>	<u>H04L 1 /-</u>	<u>H04W 4 /-</u>	
2023207152	2022388525	2022405040	
	<u>H04L 12 /-</u>	2022409922	
<u>H02J 7 /-</u>	2022409922	2022421951	
2022410432	2022421951	2022421951	
2022419322	<u>H04L 27 /-</u>	2022426545	
2023207152	2021477859		
<u>H02J 9 /-</u>		<u>H04W 48 /-</u>	
2022410432	<u>H04L 51 /-</u>	2022405040	
	2022421951	2022419262	
<u>H02K 1 /-</u>		<u>H04W 56 /-</u>	
2022388843	<u>H04L 67 /-</u>	2022384420	
	2022409922		
<u>H02K 17 /-</u>	<u>H04L 69 /-</u>	<u>H04W 84 /-</u>	
2022408154	2022416217	2022405040	
<u>H02K 21 /-</u>	<u>H04L 7 /-</u>	<u>H04W 88 /-</u>	
2022408154	2021477859	2022419262	
<u>H02K 35 /-</u>	<u>H04L 9 /-</u>	<u>H05K 7 /-</u>	
2023208826	2022405032	2023316922	
	2022405040		
<u>H02K 5 /-</u>	2022407026	<u>H10N 60 /-</u>	
2022388843	2022417014	2023216039	
<u>H02K 7 /-</u>			
2023208826			

Applications Accepted

Name Index

-
- (71) A7 Fitness Inc.
 (11) AU-B-2020372292
 (21) 2020372292 (22) 28.09.2020
 (54) Apparel with grip elements
 (51) Int. Cl.
A41D 27/00 (2006.01)
A41D 1/06 (2006.01)
A41D 13/00 (2006.01)
 (87) WO2021/080745
 (31) 16/664,360 (32) 25.10.19 (33) US
 (43) 29.04.2021
 (44) 27.06.2024
 (72) WEBB, Jasen L.
 (74) FB Rice Pty Ltd
-
- (71) Abbott Laboratories
 (11) AU-B-2022203322
 (21) 2022203322 (22) 17.05.2022
 (54) Improved methods of assessing UCH-L1 status in patient samples
 (51) Int. Cl.
G01N 33/573 (2006.01)
 (43) 09.06.2022
 (44) 27.06.2024
 (62) 2017339809
 (72) DATWYLER, Saul; MCQUISTON, Beth; BELIGERE, Gangamani; BRATE, Elaine; RAMP, John; PACENTI, David
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**Bayer Aktiengesellschaft see Bayer
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 A01P 5/00 (2006.01)
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H04W 4/12 (2009.01)
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C22C 29/08 (2006.01)
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A01C 21/00 (2006.01)
G01N 33/24 (2006.01)
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F04D 15/00 (2006.01)
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F04D 29/12 (2006.01)
F16J 15/16 (2006.01)
F16N 7/00 (2006.01)
F16N 7/02 (2006.01)
F16N 7/36 (2006.01)
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F16N 29/04 (2006.01)

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F28D 20/02 (2006.01)
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A23L 33/105 (2016.01)
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A61K 47/68 (2017.01)
C07D 487/04 (2006.01)
C07K 16/00 (2006.01)
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A47C 1/14 (2006.01)
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 and dental 3D-scanner
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A61C 9/00 (2006.01)
A61B 5/00 (2006.01)
G02B 7/08 (2006.01)
G02B 27/64 (2006.01)
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F04B 49/02 (2006.01)
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C25B 1/34 (2006.01)
C25B 1/50 (2021.01)
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C02F 1/00 (2023.01)
C02F 1/04 (2023.01)
C02F 1/08 (2023.01)
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C02F 3/02 (2023.01)
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A47J 43/07 (2006.01)
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A61F 2/38 (2006.01)
B22F 3/11 (2006.01)
B22F 5/10 (2006.01)
B33Y 10/00 (2015.01)
B33Y 50/00 (2015.01)
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H04L 45/02 (2022.01)
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C12N 9/90 (2006.01)
C12P 19/18 (2006.01)
C12P 19/56 (2006.01)
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H04M 3/50 (2006.01)
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H04N 13/20 (2018.01)
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E21B 43/11 (2006.01)
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A61K 31/7068 (2006.01)
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A01D 34/00 (2006.01)
B25J 11/00 (2006.01)
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A47L 9/10 (2006.01)
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H04N 21/438 (2011.01)
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D06F 33/30 (2020.01)
D06F 37/10 (2006.01)
D06F 37/28 (2006.01)
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F16L 59/065 (2006.01)
F16L 59/02 (2006.01)
F25D 23/06 (2006.01)

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 E04H 1/12 (2006.01)
 H02S 10/40 (2014.01)
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F41A 23/18 (2006.01)
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 and for providing interworking aspects
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H04W 76/10 (2018.01)
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B65G 1/04 (2006.01)
B65G 1/137 (2006.01)
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A23P 10/30 (2016.01)
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C40B 40/02 (2006.01)
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G01V 3/15 (2006.01)
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A61K 48/00 (2006.01)
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C07D 487/04 (2006.01)
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E04B 5/14 (2006.01)
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G03B 29/00 (2021.01)
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B32B 5/28 (2006.01)
D03D 1/00 (2006.01)
D04H 3/04 (2012.01)

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E01F 13/00 (2006.01)
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A24D 3/02 (2006.01)
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A24D 3/06 (2006.01)
A61M 15/06 (2006.01)
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H02G 15/18 (2006.01)
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G06Q 10/08 (2023.01)
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C22B 1/00 (2006.01)
C21C 7/076 (2006.01)
C22B 7/00 (2006.01)
C22B 7/04 (2006.01)
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H01M 10/54 (2006.01)
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C11D 1/00 (2006.01)
C11D 1/29 (2006.01)
C11D 1/72 (2006.01)
C11D 1/83 (2006.01)
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G16H 40/63 (2018.01)
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C08J 11/04 (2006.01)
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C12N 1/20 (2006.01)
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A61B 5/283 (2021.01)
A61B 18/00 (2006.01)
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G06F 30/00 (2020.01)
G06N 3/08 (2006.01)
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A24F 47/00 (2006.01)
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A61M 37/00 (2006.01)
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 (51) Int. Cl.
C07D 413/04 (2006.01)
A61K 31/506 (2006.01)
A61P 35/00 (2006.01)
C07D 413/14 (2006.01)
C07D 417/14 (2006.01)
C07D 471/04 (2006.01)
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B23K 35/30 (2006.01)
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E01B 11/50 (2006.01)
C21D 9/04 (2006.01)
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A61F 2/24 (2006.01)
A61M 60/148 (2021.01)
A61M 60/205 (2021.01)
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A61K 31/198 (2006.01)
A23L 33/10 (2016.01)
A61K 36/8962 (2006.01)
A61P 9/00 (2006.01)
A61P 19/02 (2006.01)
A61P 21/00 (2006.01)
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Kayo; KODERA, Yukihiko; MORIHARA,
Naoki
(74) Phillips Ormonde Fitzpatrick

(71) Watgrid, S.A.
(11) AU-B-2022271373
(21) 2022271373 **(22)** 14.11.2022
(54) FERMENTATION MONITORING SYS-
TEM
(51) Int. Cl.
C12G 1/02 (2006.01)
C12G 3/02 (2019.01)
C12L 11/00 (2006.01)
G01N 33/14 (2006.01)
(43) 15.12.2022
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(62) 2019383775
(72) ESTIMA DA COSTA, Pedro Miguel;
GONCALVES, Fabio Patricio Domin-
gues; VENTURA DE SOUSA E
CARVALHO PEREIRA, Ricardo Jose;
BOTAS BILRO, Lucia Maria; NUNES
NOGUEIRA, Rogerio
(74) IP GATEWAY PATENT & TRADE
MARK ATTORNEYS PTY LTD

(71) Weatherford Technology Holdings, LLC
(11) AU-B-2019313356
(21) 2019313356 **(22)** 30.07.2019
(54) Apparatus and method for forming a lat-
eral wellbore
(51) Int. Cl.
E21B 7/06 (2006.01)
E21B 33/13 (2006.01)
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Gary D.
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(71) Weeding Technologies Limited
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A01M 7/00 (2006.01)
A01M 21/04 (2006.01)
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(72) BALDUCCHI-PRINCE, Franck Ernest
Claude; WHITCOMBE, Charles Ralph
(74) Griffith Hack

(71) Wingcopter GmbH
(11) AU-B-2018281883
(21) 2018281883 **(22)** 06.06.2018
(54) Control method for controlling a yaw
angle and a roll angle of an aircraft that
takes off vertically
(51) Int. Cl.

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(71) Wonderland Switzerland AG
(11) AU-B-2022259732
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(54) Child Carrier
(51) Int. Cl.
B60N 2/28 (2006.01)
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(72) Chui, Zongwang
(74) James & Wells Intellectual Property

(71) Wuhan LL Science and Technology De-
velopment Co., Ltd.
(11) AU-B-2021309876
(21) 2021309876 **(22)** 08.07.2021
(54) Rock inhibitor, and preparation method
thereof and use thereof
(51) Int. Cl.
C07D 471/06 (2006.01)
A61K 31/395 (2006.01)
A61K 31/506 (2006.01)
A61P 3/08 (2006.01)
A61P 9/00 (2006.01)
A61P 35/00 (2006.01)
C07D 293/10 (2006.01)
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202110040185.9 11.01.21 CN
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(72) LI, Jinping; ZENG, Jing; GUO, Xiaodan;
PENG, Wei; LOU, Jun; LIU, Li; CHEN,
Xiaoya; ZHANG, Yihan; CHEN,
Yongkai; WANG, Chaodong; WU, Wei;
YUAN, Yi
(74) WRAYS PTY LTD

(71) Xie, X.
(11) AU-B-2023200045
(21) 2023200045 **(22)** 04.01.2023
(54) LEAK-PROOF FOAM SPRAYING CAN
(51) Int. Cl.
B05B 1/30 (2006.01)
B05B 9/00 (2006.01)
B05B 11/00 (2023.01)
B65D 47/32 (2006.01)
(31) 202221988420.1 **(32)** 29.07.22 **(33)** CN
(43) 15.02.2024
(44) 27.06.2024
(72) Xie, Xiangcheng
(74) Remarkable IP

(71) Xuzhou XCMG Environment Techno-
logy Co., Ltd.
(11) AU-B-2021459664

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(21) 2021459664 (22) 26.09.2021
 (54) Washing and sweeping vehicle having sewage recycling device, and cleaning method
 (51) Int. Cl.
E01H 1/10 (2006.01)
 (87) WO2023/015684
 (31) 202110917345.3 (32) 11.08.21 (33) CN
 (43) 16.02.2023
 (44) 27.06.2024
 (72) CHENG, Lei; SHAN, Long; GU, Xiaotong; SU, Zhonghao; ZHAO, Wenwen
 (74) Madderns Pty Ltd

Yale University see Arvinas, Inc.

(21) 2022271368

Yara International ASA see The Regents of the University of California

(21) 2018318087

(71) Y Soft Scanning Solutions S.R.O.
 (11) AU-B-2022235512
 (21) 2022235512 (22) 19.09.2022
 (54) SYSTEM FOR DISTRIBUTING IMAGE SCANNING TASKS TO NETWORKED DEVICES
 (51) Int. Cl.
H04N 1/00 (2006.01)
G06V 30/10 (2022.01)
G06F 21/31 (2013.01)
H04N 1/44 (2006.01)
 (43) 13.10.2022
 (44) 27.06.2024
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 (72) Koelewijn, Wouter; Krajcek, Ondrej; Sova, Miroslav; Slesarik, Jakub
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Zebra Technologies Corporation
 (11) AU-B-2021254419
 (21) 2021254419 (22) 08.04.2021
 (54) Media cartridge
 (51) Int. Cl.
B41J 15/04 (2006.01)
 (87) WO2021/207456
 (31) 16/844,755 (32) 09.04.20 (33) US
 (43) 14.10.2021
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 (72) CHOW, Steve Ting Kei; ROSALES, Angel B.; CARROLL, Daniel V.; HACKETT, Edward Anthony
 (74) Spruson & Ferguson

(71) Zodiac Pool Systems LLC
 (11) AU-B-2020309045
 (21) 2020309045 (22) 12.06.2020
 (54) Obstacle detection methods
 (51) Int. Cl.
E04H 4/16 (2006.01)
 (87) WO2020/263597
 (31) 62/866,108 (32) 25.06.19 (33) US
 (43) 30.12.2020
 (44) 27.06.2024
 (72) HANAN, Ethan
 (74) FB Rice Pty Ltd

(71) Zoetis Services Llc
 (11) AU-B-2017274332
 (21) 2017274332 (22) 31.05.2017
 (54) Vaccine against infectious bronchitis
 (51) Int. Cl.
A61K 39/12 (2006.01)
A61K 39/00 (2006.01)
A61K 39/15 (2006.01)
A61K 39/155 (2006.01)
A61K 39/17 (2006.01)
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 (74) Spruson & Ferguson

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2017235387	Tillotts Pharma AG	2018318087	The Regents of the University of California; Yara International ASA; Construction Research & Technology GmbH
2017238172	Marengo Therapeutics, Inc.	2018319566	Db Patents Ltd
2017239038	Bionomics Inc	2018319592	Nasus Pharma Ltd.
2017241440	STCube, Inc.; Board of Regents, the University of Texas System	2018320405	TRiCares SAS
2017255970	Biomunex Pharmaceuticals; Inserm (Institut National De La Santé Et De La Recherche Médicale); Université De Montpellier; Institut Regional Du Cancer De Montpellier (ICM)	2018321573	MAM Babyartikel Gesellschaft m.b.H.
2017268641	Vajda, J.; Felix, M.	2018321929	AZ Solutions LLC
2017274332	Zoetis Services Llc	2018322486	Star Scientific Limited
2017285211	Vedanta Biosciences, Inc.	2018323442	Bayer HealthCare LLC
2017321682	Regeneron Pharmaceuticals, Inc.; Sanofi Biotechnology	2018324345	Life Technologies Corporation
2017336806	Biological E Limited	2018325818	Suntory Holdings Limited
2017341112	IO Biotech ApS	2018326037	Celltrion Inc.
2017342543	President and Fellows of Harvard College	2018329401	Nuud B.V.
2017363141	The Board of Trustees of the Leland Stanford Junior University	2018330355	Malteries Soufflet
2017370655	Natera, Inc.	2018334422	L.B. Foster Company
2017385424	QINGDAO MGI Tech Co., Ltd.	2018335411	Riboscience LLC
2017417581	Seipel, T.	2018335790	Chart Energy & Chemicals, Inc.
2017423343	Lacuna S.A.	2018337712	Medtentia International Ltd Oy
2017434985	Bardex Corporation	2018337974	Spogen Biotech Inc.
2018203280	Otis Elevator Company	2018342527	Daiichi Sankyo Company, Limited
2018203989	Scafclad Pty Ltd; DRE Sitemax Pty Ltd; JD Sitemax Pty Ltd; ML Sitemax Pty Ltd	2018343781	Nichiha Corporation
2018204271	Illinois Tool Works Inc.	2018344300	Croda International Plc
2018204497	Hydrant Services Pty Ltd	2018348801	LTS LOHMANN Therapie-Systeme AG
2018214813	Illinois Tool Works Inc.	2018349054	Alcon Inc.
2018217201	Blackburn, R.	2018349474	American Sterilizer Company
2018219354	Genomic Health, Inc.	2018352480	Tallwang Holdings Pty Ltd
2018221738	The University of North Carolina at Chapel Hill	2018352481	Australian Nuclear Science and Technology Organisation
2018229959	Courey, S.	2018363156	Complete Group Technologies Ltd.
2018237359	Genentech, Inc.	2018364422	Davies Breton Ltd
2018241251	Vaxxas Pty Limited	2018364760	University of Pretoria
2018241774	Merck Patent GmbH; Pfizer Inc.	2018369996	Strato, Inc.
2018253873	SPX Flow Technology Danmark A/S	2018374285	CSL Behring LLC
2018257885	Bedgear, LLC	2018375008	Illumina, Inc.
2018258021	Flintstone Technology Ltd	2018379088	Net-Thunder, LLC
2018264050	Pratt Corrugated Holdings, Inc.	2018379804	Weeding Technologies Limited
2018274897	InfraBuild Wire Pty Limited	2018381124	BASF AS
2018281883	Wingcopter GmbH	2018390987	Tiliter Pty Ltd
2018282072	Regeneron Pharmaceuticals, Inc.; University of Maryland, Baltimore	2018391787	Thales
2018282094	Janssen Biotech, Inc.	2018413357	Retractable Technologies, Inc.; Shaw, T.
2018282358	Flexopack S.A.	2018421460	Antisense Therapeutics Ltd
2018282468	Tomba Enterprises Pty Ltd	2018431640	N.V. Nutricia
2018283446	Societe Des Produits Nestle S.A.	2018436267	ILYLT, LLC
2018285352	Bluemarine Offshore Yard Service B.V.	2018441365	NTT DOCOMO, INC.
2018289428	The University of North Carolina at Chapel Hill; The General Hospital Corporation	2018444436	Fertinagro Biotech, S.L.
2018290889	Chase Therapeutics Corporation	2018450122	Genesys Telecommunications Laboratories, Inc.,
2018294246	Collision, Inc.	2019200384	Terex GB Limited
2018300185	Johnson & Johnson Consumer Inc.	2019200428	GN Hearing A/S
2018301228	Azurous, Inc.	2019201016	ARB LABS INC.
2018302367	Leibbrand, T.	2019201987	MEDIK8 LIMITED
2018302446	Mincon International Limited	2019202477	Deere & Company
2018303285	Vossloh Cogifer	2019202627	Deere & Company; Ribouleau Monosem
2018304041	Caterpillar Inc.	2019203783	Infosys Limited
2018306494	BiCT s.r.l.	2019206634	Keros Therapeutics, Inc.
2018307822	President and Fellows of Harvard College	2019207436	Swiss Coffee Innovation AG
2018313435	Wakunaga Pharmaceutical Co., Ltd.	2019207744	Ventus Medical Limited
2018313862	Hypersciences, Inc.	2019208226	Caterpillar Inc.
2018314510	BASF SE	2019213024	Geberit International AG
2018315031	Marine Power Systems Limited	2019213699	Indena S.p.A.
2018317488	Allegion (Australia) Pty Ltd	2019214189	Adagene Inc.
2018317932	Effusiontech IP Pty Ltd	2019217832	ConocoPhillips Company
		2019224344	Ono Pharmaceutical Co., Ltd.
		2019227813	Gritstone Bio, Inc.
		2019229458	redpath, r.; Redpath, J.
		2019231721	Tisento Therapeutics Inc.
		2019231724	Tisento Therapeutics Inc.
		2019236606	The Boeing Company

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2019242192	TrafFix Devices, Inc.	2020322425	American Sterilizer Company
2019247867	Levy, F.; Levy, K.	2020323464	American Sterilizer Company
2019249271	Orbis Intelligent Systems, Inc.	2020333788	MIPS AB
2019249562	Otsuka Pharmaceutical Co., Ltd.	2020336212	AEON BioPharma, Inc.
2019250592	Bayer CropScience Aktiengesellschaft; Bayer Aktiengesellschaft	2020359655	Rutgers, The State University of New Jersey
2019253298	Neuros Medical, Inc.	2020372292	A7 Fitness Inc.
2019261643	Alcon Inc.	2020382480	J. Ray McDermott, S.A.
2019263302	Chibi, Inc.	2020389328	LG Electronics Inc.
2019265777	Adama Agan Ltd.	2020390812	Institute of Materia Medica, Chinese Academy of Medical Sciences; Changchun Intellicrown Pharmaceutical Co., Ltd.
2019266356	Epiroc Drilling Tools AB	2020393233	Akrocell Bioscience, Inc.
2019268590	Manifattura Pri.Ma.Tex S.R.L.	2020401507	Park, J.H.
2019269382	Acclipse One, Inc.	2020413349	Allergan, Inc.
2019270095	Niantic, Inc.	2020421500	Fast IP, LLC
2019278306	Soudal	2020437666	Encore Medical, LP DBA DJO Surgical
2019288749	Medtronic, Inc.	2020444140	MGI Tech Co., Ltd.
2019290673	CareFusion 303, Inc.	2021201950	United Biomedical, Inc.
2019291809	Kimberly-Clark Worldwide, Inc.	2021203506	BioAtla LLC
2019294723	Dana-Farber Cancer Institute, Inc.	2021203645	Hanmi Pharm. Co., Ltd.
2019294743	Bayer Aktiengesellschaft	2021204628	Ohio State Innovation Foundation
2019295946	Leonardo S.p.A.	2021209300	Climate LLC
2019296402	KBC Global Services NV	2021210725	Sony Group Corporation
2019297361	Incyte Corporation	2021218201	LG ELECTRONICS INC.
2019297371	Eggciting Products B.V.	2021221905	The Scripps Research Institute; Northwestern University
2019298581	Eggciting Products B.V.	2021224642	Bayer HealthCare LLC
2019299609	Jiangsu Hengrui Medicine Co., Ltd.; Shanghai Hengrui Pharmaceutical Co., Ltd.	2021228548	Caterpillar Inc.
2019303765	Guangdong OPPO Mobile Telecommunications Corp., Ltd.	2021230386	UV Partners, Inc.
2019304953	Netflix, Inc.	2021248311	Huawei Technologies Co., Ltd.
2019307870	PPG Industries Ohio, Inc.	2021250840	Progastrine et Cancers S.à r.l.
2019308933	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	2021250897	University of Virginia Patent Foundation
2019313356	Weatherford Technology Holdings, LLC	2021254419	Zebra Technologies Corporation
2019313421	SICPA HOLDING SA	2021257967	Illumina Cambridge Limited
2019318699	Toray Industries, Inc.	2021261857	Redmayne, J.M.
2019322255	Rhino Rack Australia Pty Limited	2021263867	Unilever IP Holdings B.V.
2019324158	Avelo Labs Inc.	2021266286	Climate LLC
2019336252	Geomni, Inc.	2021273280	Equinix, Inc.
2019336484	Adey Holdings (2008) Limited	2021273590	Carr, S.R.
2019339246	Trpeski, S.	2021274514	LG Electronics Inc.
2019339331	Genesys Cloud Services Holdings II, LLC	2021283620	SEW Eurodrive GmbH & Co KG
2019344868	Chia Tai Tianqing Pharmaceutical Group Co., Ltd.	2021290341	Bayer Pharma Aktiengesellschaft
2019348524	Dentsply Sirona Inc.; Sirona Dental Systems GmbH	2021299278	Baker Hughes Oilfield Operations LLC
2019357891	CareFusion 303, Inc.	2021301939	Shenyang Sinochem Agrochemicals R&D Co., Ltd.; Jiangsu Yangnong Chemical Co., Ltd.
2019362019	Climate LLC	2021302767	LG Electronics Inc.
2019364663	Sensus Spectrum LLC	2021303000	LG Electronics Inc.
2019368720	Candiani S.p.A.	2021303431	Limacorporate S.p.A.
2019369041	Industriale Chimica S.r.l.	2021303475	Borealis AG
2019379084	Vektor Medical, Inc.	2021307398	AdvanSix Resins & Chemicals LLC
2019379797	Poxel	2021307465	UOP LLC
2019385155	BinSentry Inc.	2021309779	Taiho Pharmaceutical Co., Ltd.
2019394522	Huawei Technologies Co., Ltd.	2021309876	Wuhan LL Science and Technology Development Co., Ltd.
2019420313	VusionGroup GmbH	2021310148	Azure Mining Technology Pty Ltd; Chinese Institute of Coal Science
2020203214	Detection USA Inc.	2021311004	International Business Machines Corporation
2020209467	Taylor Commercial Foodservice, LLC	2021311557	Tecmen Electronics Co., Ltd
2020220214	Shenzhen Jikang Pharmaceutical Technology Co., LTD.	2021311610	Inspire Medical Systems, Inc.
2020240099	Poriferous, LLC	2021312206	International Business Machines Corporation
2020241856	Regeneron Pharmaceuticals, Inc.	2021312325	Regie Autonome Des Transports Parisiens
2020253748	Oshkosh Corporation	2021316490	Kraft Foods Schweiz Holding GmbH
2020253885	Halliburton Energy Services, Inc.	2021325175	Baker Hughes Oilfield Operations LLC
2020270170	Noetic Technologies Inc.	2021338230	Suzhou Botree Cycling Sci & Tech Co., Ltd
2020271467	Scripps Korea Antibody Institute	2021342202	SEW-EURODRIVE GmbH & Co. KG.
2020275425	SyntheX, Inc.	2021342448	QINGDAO HAIER REFRIGERATOR CO., LTD.; HAIER SMART HOME CO., LTD.
2020275468	N.V. Nutricia	2021345477	GOOGLE LLC
2020277711	PBD BIOTECH LIMITED	2021357364	FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.
2020292837	Nexter Systems	2021357840	FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.
2020308956	De Motu Cordis Pty Ltd		
2020309045	Zodiac Pool Systems LLC		
2020310208	Preformed Line Products Co.		
2020312953	GC Corporation		
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2021358793	Curome Biosciences Co., Ltd.	2022279467	Tyco Electronics Raychem GmbH
2021362483	BAKER HUGHES OILFIELD OPERATIONS LLC	2022281009	UMICORE
2021362667	HILL'S PET NUTRITION, INC.	2022283659	Amphenol (Maryland), Inc.
2021363412	CHANGSHA HEIJINGANG INDUSTRIAL CO., LTD	2022287630	W. L. Gore & Associates, Inc.
2021366725	CORNELL PUMP COMPANY LLC	2022291514	Belron International Limited
2021375219	Fortune-Tech Manufacturing Co., Ltd.	2022291635	Acerta Pharma B.V.
2021376041	PPG INDUSTRIES OHIO, INC.	2022320205	FORBUILD CO., LTD.
2021396468	IBRAHIM, A.	2022333724	FIXON INC.
2021398304	UNILEVER GLOBAL IP LIMITED	2022342243	BLUE VIGIL LLC
2021399009	SYNGENTA CROP PROTECTION AG	2022354365	DAIKIN INDUSTRIES, LTD.
2021400675	SMITH & NEPHEW, INC.; SMITH & NEPHEW ORTHO-PAEDICS AG; SMITH & NEPHEW ASIA PACIFIC PTE. LIMITED	2022357814	MIZKAN HOLDINGS CO., LTD.; MIZKAN CO., LTD.
		2022374130	NETEERA TECHNOLOGIES LTD
		2022440628	SHANDONG UNIVERSITY OF SCIENCE AND TECHNOLOGY
2021402846	FRESENIUS MEDICAL CARE HOLDINGS, INC.		
2021402907	SPINE WAVE, INC.	2022442099	MUSTANG SAMPLING, LLC
2021430176	HITACHI INDUSTRIAL PRODUCTS, LTD.	2023200045	Xie, X.
2021459664	Xuzhou XCMG Environment Technology Co., Ltd.	2023200235	Sungrow Energy Storage Technology Co., Ltd.
2022200072	Gen-Probe Incorporated	2023200300	ExxonMobil Technology and Engineering Company
2022201130	Astute Medical, Inc.	2023200514	Carter-Hoffmann, LLC
2022201915	The General Hospital Corporation	2023200548	Tomofun Co., Ltd.
2022202127	Fisher & Paykel Healthcare Limited	2023200934	Spirox, Inc.
2022202271	LG ELECTRONICS INC.	2023201156	Donaldson Company, Inc.
2022202309	Metalogenia Research & Technologies S.L.	2023201212	Magic Leap, Inc.
2022202361	Vivasor, Inc.	2023201471	Toyota Jidosha Kabushiki Kaisha; Komatsu Ltd.
2022202385	Stryker Corporation	2023201607	Berkeley Lights, Inc.
2022202576	Syqe Medical Ltd.	2023201814	Raven Industries, Inc.
2022202648	AXSOME THERAPEUTICS, INC.	2023202055	HG Molenaar & Co (Pty) Ltd.
2022202739	Illumina, Inc.; University of Washington	2023202263	Qualcomm Incorporated
2022203168	Cohen, D.	2023202489	Jiangsu Hengtong Power Cable Co., Ltd
2022203322	Abbott Laboratories	2023202801	ECOVAP, Inc.
2022203567	Smith & Nephew plc	2023202825	Menezes, A.
2022203727	BXB Digital Pty Limited	2023202978	Linked Group Services Pty Ltd
2022204012	Evolva SA	2023203348	Boston Scientific Scimed, Inc.
2022204020	Applied Medical Resources Corporation	2023203664	ANHUI GUANGXIN AGROCHEMICAL CO., LTD.
2022204130	PTL Opco LLC	2023203708	Ocado Innovation Limited
2022204146	Alnylam Pharmaceuticals, Inc.	2023203956	Building Group Pty Ltd
2022204176	Boston Scientific Neuromodulation Corporation	2023204591	Uber Technologies, Inc.
2022204254	The Board of Trustees of the Leland Stanford Junior University; Agilent Technologies, Inc.	2023204604	Adagene Inc.
		2023229603	ConocoPhillips Company
2022204330	Deka Products Limited Partnership	2023274177	Building Group Pty Ltd
2022204628	LG Electronics Inc.	2023296338	SHAANXI FUTURE ENERGY AND CHEMICALS CO., LTD.
2022207973	TMRW LIFE SCIENCES, INC.		
2022209272	Bioniz Therapeutics, Inc.	2023327764	RAVENCO. PTY LTD
2022211789	Voronoi Inc.; Voronobio Inc.; B2SBio Inc.	2023336073	QUAD S CONTROLS PTY LTD
2022215324	Alcon Inc.	2024202554	Rolapal Limited
2022218521	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.; Friedrich-Alexander-Universität Erlangen-Nuernberg		
2022218596	CommScope Technologies LLC		
2022228414	CHEVRON U.S.A. INC.		
2022235512	Y Soft Scanning Solutions S.R.O.		
2022241597	Mahfouz, M.		
2022245466	Shell Internationale Research Maatschappij B.V.		
2022246416	Syros Pharmaceuticals, Inc.		
2022251006	ECOSTAR-NAUTECH CO., LTD		
2022256097	Colgate-Palmolive Company		
2022256216	Lakewood Amedex, Inc.		
2022259732	Wonderland Switzerland AG		
2022259755	Massachusetts Institute of Technology		
2022259765	NeuroLens, Inc.		
2022259855	TREELINE WELL SERVICES LP		
2022263467	Brien Holden Vision Institute Limited		
2022263533	Becton, Dickinson and Company		
2022263559	ACCESS TO ADVANCED HEALTH INSTITUTE		
2022267563	HUAWEI TECHNOLOGIES CO., LTD.		
2022268352	Nokia Technologies Oy		
2022268377	CommScope Technologies LLC		
2022271368	Arvinas, Inc.; Yale University		
2022271373	Watgrid, S.A.		
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<u>A01B 25 /-</u>	<u>A01N 43 /-</u>	<u>A23L 5 /-</u>	<u>A47C 1 /-</u>	2022202576	2024202554
2019202627	2018314510	2022274874	2018364422	2022204020	<u>A61G 99 /-</u>
<u>A01B 69 /-</u>	2019250592	<u>A23L 7 /-</u>	2024202554	2022204130	2021396468
2023201814	2019265777	2022357814	<u>A47C 17 /-</u>	2023203348	<u>A61J 1 /-</u>
<u>A01B 79 /-</u>	2019294743	<u>A23N 5 /-</u>	2018364422	<u>A61B 18 /-</u>	2019247867
2023201814	2021399009	2023202055	<u>A47C 21 /-</u>	2019379084	<u>A61J 11 /-</u>
<u>A01C 21 /-</u>	<u>A01N 57 /-</u>	<u>A23P 10 /-</u>	2018301228	<u>A61B 34 /-</u>	2018321573
2021209300	2018314510	2019207436	<u>A47C 4 /-</u>	2019261643	<u>A61K 31 /-</u>
<u>A01C 7 /-</u>	2018337974	2019339246	2018364422	2019379084	2018241774
2019202477	<u>A01N 59 /-</u>	<u>A24D 3 /-</u>	<u>A47C 7 /-</u>	<u>A61B 5 /-</u>	2018290889
<u>A01D 34 /-</u>	2018337974	2019339246	2018301228	2018413357	2018313435
2020389328	<u>A01P 13 /-</u>	<u>A24F 47 /-</u>	2024202554	2019348524	2018324345
<u>A01H 5 /-</u>	2018314510	2019207744	<u>A47F 9 /-</u>	2019379084	2018335411
2018337974	<u>A01P 5 /-</u>	2019339246	2018390987	2021311610	2018342527
2021266286	2019250592	<u>A41B 11 /-</u>	<u>A47G 29 /-</u>	2022271486	2018348801
<u>A01K 1 /-</u>	2021399009	2018302367	2023200514	2022374130	2018381124
2023200548	<u>A23C 3 /-</u>	<u>A41D 1 /-</u>	<u>A47G 9 /-</u>	2023200934	2018421460
<u>A01K 5 /-</u>	2018253873	2020372292	2018257885	<u>A61B 6 /-</u>	2018431640
2023200548	<u>A23F 3 /-</u>	2021396468	2018301228	2018323442	2018436267
<u>A01M 19 /-</u>	2019207436	<u>A41D 13 /-</u>	<u>A47J 27 /-</u>	<u>A61B 8 /-</u>	2019213699
2021261857	<u>A23F 5 /-</u>	2020372292	2021303000	2019247867	2019224344
<u>A01M 21 /-</u>	2019207436	2021396468	<u>A47J 31 /-</u>	<u>A61B 90 /-</u>	2019231724
2018379804	<u>A23G 1 /-</u>	<u>A41D 27 /-</u>	2018283446	2019261643	2019249562
<u>A01M 23 /-</u>	2021316490	<u>A41D 31 /-</u>	2021375219	2022204020	2019263302
2021261857	<u>A23G 3 /-</u>	2019268590	<u>A47J 37 /-</u>	2020275468	2019297361
<u>A01M 7 /-</u>	2022274874	<u>A42B 3 /-</u>	<u>A47J 43 /-</u>	2023203348	2019299609
2018379804	<u>A23G 9 /-</u>	2020333788	2019297371	<u>A61C 9 /-</u>	2019344868
<u>A01N 25 /-</u>	2020209467	<u>A43B 3 /-</u>	2019298581	<u>A61F 11 /-</u>	2020275468
2018321929	<u>A23K 20 /-</u>	2020421500	2023202055	2019200428	2020336212
2018337974	2021362667	<u>A45D 24 /-</u>	<u>A47K 10 /-</u>	<u>A61F 13 /-</u>	2020390812
2019250592	<u>A23K 50 /-</u>	2017423343	2019291809	2021290341	2021309779
2019265777	2021362667	<u>A45F 3 /-</u>	<u>A47K 5 /-</u>	2021309779	2021309876
2021399009	<u>A23L 27 /-</u>	2018364422	2019291809	2021358793	2022202648
<u>A01N 33 /-</u>	2021263867	<u>A45F 4 /-</u>	<u>A47L 9 /-</u>	2022202648	2022211789
2018314510	<u>A23L 33 /-</u>	2018364422	<u>A61B 10 /-</u>	2022246416	2022256216
<u>A01N 37 /-</u>	2018313435	<u>A46B 15 /-</u>	2020401507	2022271368	2022256216
2018314510	2018431640	2022256097	<u>A61B 17 /-</u>	2022291635	2022271368
<u>A01N 41 /-</u>	2020275468	<u>A47C 1 /-</u>	2021400675	<u>A61K 33 /-</u>	2022291635
2018314510	2021358793	2022202576	<u>A61B 18 /-</u>	2018294246	2018321929
		2022204020	<u>A61B 34 /-</u>	2018321929	<u>A61K 35 /-</u>
		2022204130	<u>A61B 5 /-</u>	2017285211	2018289428
		2023203348	<u>A61B 6 /-</u>	2018342527	2021358793
			<u>A61B 90 /-</u>	2021358793	<u>A61K 36 /-</u>
			<u>A61B 9 /-</u>	2017417581	2018313435
			<u>A61F 7 /-</u>	2018436267	2018436267
			<u>A61F 9 /-</u>	<u>A61K 38 /-</u>	
			<u>A61G 5 /-</u>	2017341112	
				2018289428	

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2018306494	<u>A61L 15/-</u>	<u>A61N 1/-</u>	2022256216	<u>A62C 3/-</u>	<u>B05B 11/-</u>
2018374285					
2019206634	2018321929	2019253298	<u>A61P 35/-</u>	2023200235	2023200045
2020220214		2019288749			
2021203645	<u>A61L 2/-</u>	2021311610	2017239038	<u>A62C 31/-</u>	<u>B05B 7/-</u>
2021250897		2022204176	2017241440		
2022209272	2018294246		2018241774	2023200235	2019278306
	2018349474	<u>A61N 5/-</u>	2018289428		
<u>A61K 39/-</u>	2021230386		2019214189	<u>A62C 37/-</u>	<u>B05B 9/-</u>
		2018241774	2019224344		
2017239038	<u>A61L 26/-</u>		2019294723	2023200235	2023200045
2017274332		<u>A61P 1/-</u>	2019297361		
2017321682	2018344300		2019299609	<u>A63B 23/-</u>	<u>B05D 1/-</u>
2017336806		2018381124	2019379797		
2018241774	<u>A61L 27/-</u>	2019379797	2020220214	2023202825	2018241251
2018282094		2020275468	2020271467		
2018326037	2020240099	2020390812	2021290341	<u>A63B 65/-</u>	<u>B05D 3/-</u>
2018342527	2020393233	2021358793	2021309779		
2019214189	2020413349		2021309876	2023200548	2019313421
2020271467		<u>A61P 15/-</u>	2022211789		
2021201950	<u>A61M 1/-</u>		2022246416	<u>A63B 69/-</u>	<u>B05D 5/-</u>
2021204628		2018436267	2022291635		
2022204146	2017268641		2023204604	2021273590	2019313421
2023204604	2021402846	<u>A61P 17/-</u>			
	2022203567			<u>A63B 71/-</u>	<u>B07B 1/-</u>
<u>A61K 45/-</u>	<u>A61M 13/-</u>	2019249562	<u>A61P 37/-</u>		
				2021396468	2019200384
2018290889	2020308956	<u>A61P 19/-</u>	2017321682	<u>B01D 29/-</u>	<u>B07C 5/-</u>
2018381124			2018374285		
	<u>A61M 15/-</u>	2018313435	2019224344	2021228548	2023203708
<u>A61K 47/-</u>		<u>A61P 21/-</u>	2019299609		
	2019339246		2020390812	<u>B01D 39/-</u>	<u>B08B 13/-</u>
2017241440	2020308956	2018313435			
2018237359		2018421460	<u>A61P 43/-</u>	2023201156	2023203708
2018319592	<u>A61M 16/-</u>	2019224344			
2018326037			2018381124	<u>B01D 53/-</u>	<u>B09B 3/-</u>
2018342527	2020318577	<u>A61P 25/-</u>	2019224344		
2020336212	2022202127		2020275468	2023229603	2021307465
2021290341	2022279459	2018290889	2021309779	2023296338	
		2018348801			<u>B22F 3/-</u>
<u>A61K 48/-</u>	<u>A61M 25/-</u>	2019224344	<u>A61P 9/-</u>	<u>B01J 19/-</u>	
		2019231724			2018317932
2017342543	2018320405	2019297361	2018313435	2018322486	2020437666
2018221738	2023203348		2018348801		
2018324345		<u>A61P 27/-</u>	2019213699	<u>B01J 23/-</u>	<u>B22F 5/-</u>
2022204146	<u>A61M 27/-</u>		2019297361		
		2018237359	2019379797	2018322486	2020437666
<u>A61K 6/-</u>	2022271486	2019224344	2021309876		
		2021250897		<u>B01J 31/-</u>	<u>B23K 35/-</u>
2020312953	<u>A61M 37/-</u>		<u>A61Q 15/-</u>		
		<u>A61P 29/-</u>		2023203664	2018303285
<u>A61K 8/-</u>	2018241251		2018302367	<u>B01J 37/-</u>	<u>B25B 25/-</u>
	2022202361	2019297361	2018329401		
2018300185		2019379797		2018322486	2018274897
2018302367	<u>A61M 39/-</u>	2022202648	<u>A61Q 17/-</u>		
2018329401				<u>B01L 3/-</u>	<u>B25C 1/-</u>
2019201987	2019247867	<u>A61P 3/-</u>	2018300185		
2020413349	2021224642			<u>B01J 37/-</u>	<u>B25B 25/-</u>
2022209272	2022204330	2019213699	<u>A61Q 19/-</u>		
		2019379797		2020401507	2018204271
<u>A61K 9/-</u>	<u>A61M 5/-</u>	2020275468		2020444140	2018214813
		2021203645	<u>A62B 18/-</u>	2023201607	
2018319592	2018323442	2021309876			<u>B25C 7/-</u>
2018324345	2018413357		2021311557	2023203664	2018303285
2018326037	2019247867	<u>A61P 31/-</u>		<u>B01J 37/-</u>	<u>B25B 25/-</u>
2018348801	2019357891		<u>A61Q 19/-</u>		
2018381124	2022204330	2017336806		<u>B02C 13/-</u>	<u>B25C 1/-</u>
2019213699	2022263533	2018306494	<u>A62B 7/-</u>		
2020275468	2023203348	2019224344		2018352480	2018204271
2020336212		2019299609	2021311557		
2022202361	<u>A61M 60/-</u>	2019344868	2022279459	<u>B02C 21/-</u>	2018302446
2022204146		2020390812			
2022263559	2022287630	2021204628	<u>A62B 9/-</u>	<u>B05B 1/-</u>	2020389328
			2021311557	2023200045	<u>B25J 19/-</u>

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2020389328	<u>B60N 2 /-</u>	2018391787	<u>C01D 15 /-</u>	<u>C07D 241 /-</u>	<u>C07J 17 /-</u>
<u>B25J 9 /-</u>	2022259732	<u>B64C 29 /-</u>	2022251006	2022259755	2019369041
2019261643	<u>B60N 3 /-</u>	2018281883	<u>C01D 3 /-</u>	<u>C07D 249 /-</u>	<u>C07J 33 /-</u>
2020389328		2019295946		2019344868	2019369041
<u>B29B 17 /-</u>	2021218201	<u>B64C 39 /-</u>	2018294246		
	<u>B60R 25 /-</u>		<u>C02F 1 /-</u>	<u>C07D 263 /-</u>	<u>C07J 7 /-</u>
2021307465		2019295946		2019249562	2019369041
<u>B29B 7 /-</u>	2022291514	2022342243	2023202801		
	<u>B60R 9 /-</u>	<u>B64D 27 /-</u>	2023296338	<u>C07D 293 /-</u>	<u>C07K 1 /-</u>
2019278306			<u>C02F 101 /-</u>	2021309876	2022209272
<u>B29C 64 /-</u>	2019322255	2019295946			
	<u>B60S 1 /-</u>	<u>B64D 47 /-</u>	2023296338	<u>C07D 317 /-</u>	<u>C07K 14 /-</u>
2018317932		2022342243	<u>C02F 3 /-</u>	2020390812	2017238172
<u>B32B 27 /-</u>	2022291514				2018221738
	<u>B60W 60 /-</u>	<u>B65D 25 /-</u>	2023202801	<u>C07D 401 /-</u>	2018289428
2018229959			<u>C02F 9 /-</u>	2019294743	2019206634
2022333724	2023201814	2018264050		2021309876	2019214189
<u>B32B 3 /-</u>	<u>B61C 17 /-</u>	<u>B65D 47 /-</u>	2023202801	2022246416	2019227813
			2023296338		2022209272
2018229959	2021312325	2023200045	<u>C04B 12 /-</u>	<u>C07D 413 /-</u>	2023204604
<u>B32B 37 /-</u>	<u>B61G 1 /-</u>	<u>B65D 65 /-</u>	2018318087	2021301939	<u>C07K 16 /-</u>
				2022211789	2017235387
2022333724	2018369996	2019207436	<u>C05B 19 /-</u>		2017238172
<u>B32B 5 /-</u>	<u>B61G 3 /-</u>	<u>B65D 77 /-</u>	2018444436	<u>C07D 417 /-</u>	2017239038
					2017241440
2018229959	2018369996	2018217201	<u>C05F 11 /-</u>	2022211789	2017255970
2019318699				2022271368	2017321682
2022333724	<u>B61G 7 /-</u>	<u>B65D 81 /-</u>	2018444436		2018241774
<u>B33Y 10 /-</u>				<u>C07D 471 /-</u>	2018282094
	2018369996	2018264050	<u>C07C 211 /-</u>	2019299609	2018326037
2020437666	<u>B61G 9 /-</u>	<u>B65D 85 /-</u>		2019344868	2018342527
<u>B33Y 30 /-</u>			2022204146	2021309876	2020271467
	2018369996	2019207436	<u>C07C 227 /-</u>	2022211789	2021203506
2018317932	<u>B61L 27 /-</u>	<u>B65G 1 /-</u>			2021250840
<u>B33Y 50 /-</u>			2021307398	<u>C07D 487 /-</u>	2023204604
	2021312325	2023203708	<u>C07C 229 /-</u>	2018342527	<u>C07K 19 /-</u>
2018317932	<u>B62D 55 /-</u>	<u>B65G 43 /-</u>		2019231721	2017238172
2020437666			2021307398	2019231724	
	2018304041	2023203708		2019297361	<u>C07K 7 /-</u>
<u>B33Y 80 /-</u>	<u>B63B 21 /-</u>	<u>B66B 29 /-</u>	<u>C07C 69 /-</u>	2021309779	2022209272
				2021309876	
2020437666	2018258021	2018203280	2022204146	2022291635	<u>C08F 220 /-</u>
<u>B41J 15 /-</u>	2018285352		<u>C07C 7 /-</u>	<u>C07D 491 /-</u>	2020312953
	2018391787	<u>B66F 11 /-</u>			<u>C08F 290 /-</u>
2021254419	<u>B63B 39 /-</u>		2023229603	2022211789	2019307870
<u>B41J 2 /-</u>		2020253748	<u>C07D 205 /-</u>	<u>C07D 495 /-</u>	
	2020382480	<u>B66F 17 /-</u>		2019379797	
2018241251			2019224344		<u>C08G 18 /-</u>
2018325818	<u>B63C 1 /-</u>	2020253748	<u>C07D 207 /-</u>	<u>C07D 498 /-</u>	2019307870
<u>B60H 1 /-</u>					
	2017434985	<u>B67D 1 /-</u>	2019224344	2018290889	2019307870
2021218201	<u>B63C 11 /-</u>		2022271368		<u>C08J 11 /-</u>
<u>B60L 53 /-</u>		2018217201	<u>C07D 221 /-</u>	<u>C07D 519 /-</u>	2021307465
	2019324158	<u>C01B 11 /-</u>			
2023202978	<u>B63C 3 /-</u>		2019269382	2019297361	<u>C08J 5 /-</u>
<u>B60M 5 /-</u>		2018294246	<u>C07D 239 /-</u>	<u>C07H 19 /-</u>	2018282358
	2017434985	<u>C01B 39 /-</u>		2018335411	2019318699
2018334422	<u>B63G 8 /-</u>	2021210725	2023203664	2022256216	<u>C08K 3 /-</u>

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2018307822		2018349474	2019318699	<u>E21B 10/-</u>
2018344300	<u>C12M 1/-</u>	2019227813	<u>E04B 1/-</u>	
<u>C08L 23/-</u>	2018349474	2020277711	<u>D03D 11/-</u>	2021363412
	2020393233	2020359655		
2021303475	2020444140	2021221905	2019268590	<u>E21B 17/-</u>
<u>C08L 5/-</u>	<u>C12N 1/-</u>	2021257967	<u>D03D 13/-</u>	2018285352
		2022200072	<u>E04B 5/-</u>	2018363156
2020413349	2017285211	2022202739	2019268590	2021325175
	2020322425	<u>C14C 3/-</u>	<u>D03D 15/-</u>	<u>E21B 19/-</u>
<u>C08L 67/-</u>	2022204012	2018319566	<u>E04B 7/-</u>	
2019318699	<u>C12N 15/-</u>	<u>C21C 7/-</u>	2023202978	2022259855
<u>C08L 75/-</u>	2017342543	2022281009	<u>D04H 3/-</u>	<u>E21B 23/-</u>
	2017363141	<u>C21D 9/-</u>	2019318699	2020270170
2019307870	2018221738		<u>D06F 33/-</u>	<u>E21B 33/-</u>
<u>C08L 89/-</u>	2018289428	2018303285	<u>E04F 15/-</u>	
	2018324345	<u>C22B 1/-</u>	2018229959	2019313356
2020413349	2018342527		<u>E04G 1/-</u>	2020270170
<u>C09D 175/-</u>	2018421460	2022281009	<u>E04G 21/-</u>	<u>E21B 34/-</u>
	2020241856	<u>C22B 23/-</u>	2022204628	
2019307870	2020275425		<u>D06F 37/-</u>	2021299278
<u>C09D 5/-</u>	2021203506	2022281009	<u>D06F 39/-</u>	2021362483
	2022201915	<u>C22B 3/-</u>	2022204628	<u>E21B 4/-</u>
2018307822	2022204146		<u>D06M 17/-</u>	2018302446
<u>C09K 15/-</u>	2022204254	2021338230	<u>E04G 25/-</u>	<u>E21B 41/-</u>
		<u>C22B 7/-</u>	2019318699	2021362483
2019201987	2020322425	2022281009	<u>E01B 11/-</u>	<u>E21B 43/-</u>
<u>C09K 5/-</u>	2020323464	<u>C22C 1/-</u>	2018303285	2018313862
			2018334422	2020382480
2018344300	2017342543	2021363412	<u>E01B 7/-</u>	2021325175
<u>C10L 3/-</u>	2018289428	<u>C22C 29/-</u>	2018303285	2021362483
	2018342527		<u>E01F 13/-</u>	<u>E21B 47/-</u>
2023229603	2020241856	2021363412	<u>E01F 15/-</u>	2021362483
<u>C11D 1/-</u>	2020393233	<u>C25B 1/-</u>	2019242192	<u>E21B 7/-</u>
			<u>E01F 15/-</u>	
2021307398	2017342543	2022251006	2019242192	2018274897
2021398304	2018221738	<u>C40B 20/-</u>	<u>E01H 1/-</u>	<u>E04H 4/-</u>
<u>C11D 11/-</u>	<u>C12N 9/-</u>	2019227813	2021459664	2020309045
		<u>C40B 30/-</u>	<u>E02D 1/-</u>	<u>E05B 1/-</u>
2021307398	2017341112	2019227813	2023327764	2018317488
	2017342543	2019227813	<u>E02F 9/-</u>	<u>E05B 15/-</u>
<u>C11D 17/-</u>	2018282072	<u>C40B 40/-</u>	2022202309	2018317488
	2020241856		<u>E03B 9/-</u>	<u>F03B 13/-</u>
2021398304	2022201915	2019227813	2018204497	2018315031
<u>C11D 3/-</u>	2022204012	2020275425	<u>E03C 1/-</u>	2018302446
	<u>C12P 19/-</u>	2021203506	<u>E03D 11/-</u>	<u>F04B 49/-</u>
2021307398	2020359655	2019214189		2020203214
2021398304	2022204012	2020275425	<u>E05B 55/-</u>	<u>F04B 53/-</u>
<u>C12C 1/-</u>	2022204012	2021203506	2018317488	2021366725
	<u>C12P 21/-</u>	<u>D01H 7/-</u>	<u>E05B 7/-</u>	
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<u>C12L 11/-</u>	2017385424			
	2018219354			
2022271373				

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2021366725	2021325175	<u>G01B 11 /-</u>	2019336484	2023200300	2019379084
<u>F04D 27 /-</u>	<u>F16L 59 /-</u>	2023327764	2020241856		<u>G06Q 10 /-</u>
2020203214	2022202271	<u>G01C 5 /-</u>	2021312206	<u>G02B 21 /-</u>	2019291809
<u>F04D 29 /-</u>	<u>F16L 9 /-</u>	2023327764	2022291514	2023201607	2019339331
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<u>F15D 1 /-</u>	<u>F16M 11 /-</u>	2023327764	<u>G01N 27 /-</u>	2019348524	<u>G06Q 30 /-</u>
2018285352	2021345477	<u>G01D 4 /-</u>	2019227813		2018390987
<u>F16B 15 /-</u>	<u>F16M 13 /-</u>	2019249271	<u>G01N 29 /-</u>	<u>G02B 6 /-</u>	2021266286
2018204271	2021345477	<u>G01D 5 /-</u>	2022202127	2020310208	<u>G06Q 50 /-</u>
	2023274177	2020253885	<u>G01N 31 /-</u>	<u>G02B 7 /-</u>	2021266286
<u>F16B 2 /-</u>	<u>F16N 19 /-</u>	<u>G01F 1 /-</u>	2019336484	2019348524	<u>G06T 11 /-</u>
2023274177	2021366725	2019249271	<u>G01N 33 /-</u>	<u>G02C 7 /-</u>	2019296402
<u>F16B 31 /-</u>	<u>F16N 29 /-</u>	2019364663	2019227813	2022215324	2021376041
2019266356	2021366725	<u>G01F 15 /-</u>	2019336484	2022259765	<u>G06T 17 /-</u>
<u>F16B 33 /-</u>	<u>F16N 7 /-</u>	2019249271	2020241856	2022263467	2019336252
2018363156	2021366725	<u>G01F 23 /-</u>	2021209300	<u>G03B 29 /-</u>	<u>G06T 7 /-</u>
<u>F16F 13 /-</u>	<u>F24F 1 /-</u>	2019385155	2021250840	2023200548	2018390987
2018369996	2022354365	<u>G01H 11 /-</u>	2022201130		2019270095
<u>F16F 7 /-</u>	<u>F24F 13 /-</u>	2022283659	2022203322	<u>G03F 7 /-</u>	2019336252
2018369996	2022354365	<u>G01H 5 /-</u>	2022271373	2021307398	2019362019
<u>F16F 9 /-</u>	<u>F24F 7 /-</u>	2022202127	<u>G01N 35 /-</u>	<u>G05B 19 /-</u>	<u>G06V 10 /-</u>
2018369996	2022354365	<u>G01J 3 /-</u>	2021312206	2021311557	2023201212
2020382480	<u>F25D 21 /-</u>	2022283659	2022207973	2022440628	<u>G06V 30 /-</u>
<u>F16H 55 /-</u>	2021342448	<u>G01J 5 /-</u>	<u>G01P 21 /-</u>	<u>G05D 1 /-</u>	2022228414
2018304041	<u>F25D 23 /-</u>	2019291809	2022241597	2019236606	2022235512
<u>F16J 15 /-</u>	2021342448	<u>G01L 1 /-</u>	<u>G01P 5 /-</u>	2023201471	<u>G07F 17 /-</u>
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<u>F16K 3 /-</u>	2023202801	2020253885	<u>G01S 19 /-</u>	2019203783	2018390987
2023336073	<u>F28D 20 /-</u>	<u>G01L 9 /-</u>	2021209300	<u>G06F 21 /-</u>	<u>G08B 21 /-</u>
<u>F16K 31 /-</u>	2018344300	2022283659	<u>G01S 7 /-</u>	2022235512	2019291809
2022245466	2018344300	<u>G01M 13 /-</u>	2019385155	<u>G06F 3 /-</u>	<u>G08C 17 /-</u>
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2018363156	2022203168	2022442099	<u>G01V 1 /-</u>	2020437666	2019420313
	<u>F41H 7 /-</u>	2023201607	2018391787	<u>G06F 7 /-</u>	<u>G09G 3 /-</u>
			2019217832	2018450122	2019420313
			2022283659	<u>G06F 9 /-</u>	<u>G10L 19 /-</u>
			2023200300	2019339331	2021357364
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			2021311557		

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2023201212	2019229458	2019339331	2021311004
<u>G16B 20 /-</u>	<u>H02K 13 /-</u>	<u>H04N 1 /-</u>	
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<u>G16H 10 /-</u>	<u>H02K 16 /-</u>	<u>H04N 13 /-</u>	
2018364760	2021430176	2019336252	
<u>G16H 20 /-</u>	<u>H02K 7 /-</u>	<u>H04N 19 /-</u>	
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<u>G16H 40 /-</u>	<u>H02S 10 /-</u>	<u>H04N 21 /-</u>	
2018323442	2023202978	2019304953	
2018364760	<u>H02S 20 /-</u>	2021302767	
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2018364760	<u>H03K 17 /-</u>	2021345477	
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2023202489	<u>H04B 1 /-</u>	2019200428	
<u>H01B 7 /-</u>	2022218521	<u>H04R 5 /-</u>	
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<u>H01B 9 /-</u>	2023327764	<u>H04W 12 /-</u>	
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<u>H01L 21 /-</u>	2021209300	<u>H04W 24 /-</u>	
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<u>H01L 31 /-</u>	<u>H04B 3 /-</u>	<u>H04W 36 /-</u>	
2021307398	2022268377	2019303765	
<u>H01M 10 /-</u>	<u>H04B 7 /-</u>	<u>H04W 4 /-</u>	
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<u>H01M 50 /-</u>	<u>H04J 14 /-</u>	2019385155	
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2023200235	<u>H04L 1 /-</u>	<u>H04W 72 /-</u>	
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(This list may contain multiple listings of a patent where there are multiple patentees for that patent.)

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 (21) 2021106509 (22) 23.08.2021
 (54) A LINEAL AIR DUCT SPRAYER
 (51) Int. Cl.
 B05B 12/18 (2018.01)
 A01M 7/00 (2006.01)
 B05B 7/00 (2006.01)
 B05B 7/24 (2006.01)
 (31) 2021901122 (32) 16.04.21 (33) AU
 (45) 27.06.2024
 (72) PASTRO, John Emilio
 (74) IP SOLVED (ANZ) PTY. LTD.

(71) Wilson, M.
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 A01G 13/02 (2006.01)
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 (72) Wilson, Malcolm
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Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Lodged

2022252800 **SharkNinja Operating LLC** (CDB Goldair Australia Pty Ltd)

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 2023285711 2023285716 2023305025 2024200340
 2024200648

Innovation Patents

2019101855

Revocation

It is hereby notified that as a consequence of a decision by the Commissioner dated 14.06.2024 , Patent 2007219702 in the name of **Entry-Data Pty Ltd** has been revoked in relation to a re-examination and subsequent revocation under Section 101(1) of the Patents Act.

It is hereby notified that as a consequence of a decision by the Commissioner dated 18.06.2024 , Patent 2012250060 in the name of **SHL Group AB; Biogen MA Inc.** has been revoked in relation to a re-examination and subsequent revocation under Section 101(1) of the Patents Act.

Assignments Registered

2001281746 Takeda Pharma A/S The patent has been assigned to **ISTITUTO GENTILI S.r.l.**

2005231918 Bayer Intellectual Property GmbH The patent has been assigned to **ELANCO ANIMAL HEALTH GMBH**

2005242715 ATS Tolling LLC The patent has been assigned to **American Traffic Solutions Consolidated, L.L.C.**

2005256406 Bayer Intellectual Property GmbH The patent has been assigned to **ELANCO ANIMAL HEALTH GMBH**

2005304103 Bayer Intellectual Property GmbH The patent has been assigned to **ELANCO ANIMAL HEALTH GMBH**

2006202126 Texo Australasia Pty Ltd The patent has been assigned to **Kingspan Water and Energy Pty Limited**

2006220107 Bayer Intellectual Property GmbH The patent has been assigned to **ELANCO ANIMAL HEALTH GMBH**

2006299815 ATS Tolling LLC The patent has been assigned to **American Traffic Solutions Consolidated, L.L.C.**

2007205090 ATS Tolling LLC The patent has been assigned to **American Traffic Solutions Consolidated, L.L.C.**

2007291622 Bayer Intellectual Property GmbH The patent has been assigned to **ELANCO ANIMAL HEALTH GMBH**

2007312599 Bayer Intellectual Property GmbH The patent has been assigned to **ELANCO ANIMAL HEALTH GMBH**

2008228597 Bayer Intellectual Property GmbH The patent has been assigned to **ELANCO ANIMAL HEALTH GMBH**

2008258887 Bayer Intellectual Property GmbH The patent has been assigned to **ELANCO ANIMAL HEALTH GMBH**

2008262090 ATS Tolling LLC The patent has been assigned to **American Traffic Solutions Consolidated, L.L.C.**

2009219989 Imorphics Ltd; DePuy International Ltd; Johnson & Johnson Medical GmbH The patent has been assigned to **DePuy International Ltd; Johnson & Johnson Medical GmbH; Mako Surgical Corp.**

2009321822 Bayer Intellectual Property GmbH The patent has been assigned to **ELANCO ANIMAL HEALTH GMBH**

2010201812 Donmark Holdings Inc The patent has been assigned to **SEI MANUFACTURING INC.**

2010204948 MCE Blending International LLC The patent has been assigned to **TEXON MIDSTREAM, LLC**

2010207787 Bayer Intellectual Property GmbH The patent has been assigned to **ELANCO ANIMAL HEALTH GMBH**

Assignments Registered

2010223539 Bayer Intellectual Property GmbH The patent has been assigned to **ELANCO ANIMAL HEALTH GMBH**

2010246652 Bayer Intellectual Property GmbH The patent has been assigned to **ELANCO ANIMAL HEALTH GMBH**

2010264633 Galapagos NV The patent has been assigned to **Ai-fasigma S.p.A.**

2010314503 ALLGAIER WERKE GmbH The patent has been assigned to **Allgaier Process Technology GmbH**

2011206926 Austral Precast Holdings Pty Ltd The patent has been assigned to **Brickworks Building Products Pty Ltd**

2011220341 Preston, John The patent has been assigned to **TRE-WHELLA HOLDINGS PTY LIMITED**

2011310100 Sika Technology AG The patent has been assigned to **Normet International Ltd**

2011315555 Bayer Intellectual Property GmbH The patent has been assigned to **ELANCO ANIMAL HEALTH GMBH**

2011347464 Bayer Intellectual Property GmbH The patent has been assigned to **ELANCO ANIMAL HEALTH GMBH**

2012201273 Donmark Holdings Inc. The patent has been assigned to **SEI MANUFACTURING INC.**

2012206572 Sika Technology AG The patent has been assigned to **Normet International Ltd**

2012246128 Fumi Minerals Limited The patent has been assigned to **IMPACT FLUID SOLUTIONS LP**

2012288359 ENERGYFRONT INC. The patent has been assigned to **Hydro-VENUS Co. Ltd.**

2012289921 Ma, Zhongmin The patent has been assigned to **RE-VIVALLON BIOPHARMACEUTICAL CO., LTD**

2012314067 The Chancellor Masters and Scholars of the University of Oxford The patent has been assigned to **Oxa Autonomy Ltd**

2012314077 The Chancellor Masters and Scholars of the University of Oxford The patent has been assigned to **Oxa Autonomy Ltd**

2012314082 The Chancellor Masters and Scholars of the University of Oxford The patent has been assigned to **Oxa Autonomy Ltd**

2012314085 The Chancellor Masters and Scholars of the University of Oxford The patent has been assigned to **Oxa Autonomy Ltd**

2013222419 Allurion Technologies, Inc. The patent has been assigned to **Allurion Technologies, LLC**

2013237211 The Chancellor Masters and Scholars of the University of Oxford The patent has been assigned to **Oxa Autonomy Ltd**

2013279597 Galapagos NV The patent has been assigned to **Ai-fasigma S.p.A.**

2013301901 ETH Zurich The patent has been assigned to **Versantis AG**

2014200904 Donmark Holdings Inc The patent has been assigned to **SEI MANUFACTURING INC.**

2014249417 Bellicum Pharmaceuticals, Inc. The patent has been assigned to **Board of Regents of the University of Texas System**

Assignments Registered

2014303067 3M Innovative Properties Company The patent has been assigned to **bibliotheca Switzerland AG**

2014336958 Preston, John The patent has been assigned to **TREWHELLA HOLDINGS PTY LIMITED**

2014342014 Allurion Technologies, Inc. The patent has been assigned to **Allurion Technologies, LLC**

2015215044 Galapagos NV The patent has been assigned to **Ai-fasigma S.p.A.**

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2015216941 Gene Signal International SA The patent has been assigned to **Laboratoires KÔL**

2015218544 Galapagos NV The patent has been assigned to **Ai-fasigma S.p.A.**

2015339576 Aseko, Inc. The patent has been assigned to **Glytec, LLC**

2015344888 Upside Energy Ltd. The patent has been assigned to **KRAKEN TECHNOLOGIES LIMITED**

2015348153 The Chancellor Masters and Scholars of the University of Oxford The patent has been assigned to **Oxa Autonomy Ltd**

2015365714 The Chancellor Masters and Scholars of the University of Oxford The patent has been assigned to **Oxa Autonomy Ltd**

2016200710 PRESTON, John The patent has been assigned to **TREWHELLA HOLDINGS PTY LIMITED**

2016204382 Donmark Holdings Inc. The patent has been assigned to **SEI MANUFACTURING INC.**

2016248727 Galapagos NV The patent has been assigned to **Ai-fasigma S.p.A.**

2016278211 Mallinckrodt Hospital Products IP Limited The patent has been assigned to **Mallinckrodt Pharmaceuticals Ireland Limited**

2016340033 McDonald, Peter Michael The patent has been assigned to **KRACARAK PTY LTD**

2016374872 SUNRGYZE, S.L. The patent has been assigned to **REPSOL S.A.**

2017100455 Rotam Agrochem International Company Limited The patent has been assigned to **Albaugh Asia Pacific Limited**

2017202401 Rotam Agrochem International Company Limited The patent has been assigned to **Albaugh Asia Pacific Limited**

2017204386 Allurion Technologies, Inc. The patent has been assigned to **Allurion Technologies, LLC**

2017227775 AMDT Holdings, Inc. The patent has been assigned to **Arthrex, Inc.**

2018101478 Flowrox Oy The patent has been assigned to **Valmet Flow Control Oy**

2018203036 PRESTON, JOHN The patent has been assigned to **TREWHELLA HOLDINGS PTY LIMITED**

2018253610 Siemens Healthcare GmbH; Dedicated2Imaging, LLC The patent has been assigned to **Siemens Healthcare GmbH; Siemens Medical Solutions USA, Inc.**

Assignments Registered

2018259992 Otsuka Pharmaceutical Factory, Inc.; AdaBio Co., Ltd. The patent has been assigned to **Otsuka Pharmaceutical Factory, Inc.**

2018267632 Mallinckrodt Hospital Products IP Limited The patent has been assigned to **Mallinckrodt Pharmaceuticals Ireland Limited**

2019101298 Serkel Solutions Pty Ltd The patent has been assigned to **Orthokids Lab Pty Ltd**

2019202441 Galapagos NV The patent has been assigned to **Ai-fasigma S.p.A.**

2020260391 Galapagos NV The patent has been assigned to **Ai-fasigma S.p.A.**

2021200229 Galapagos NV The patent has been assigned to **Ai-fasigma S.p.A.**

2021206852 Mallinckrodt Hospital Products IP Limited The patent has been assigned to **Mallinckrodt Pharmaceuticals Ireland Limited**

2021286343 AMDT Holdings, Inc. The patent has been assigned to **Arthrex, Inc.**

2022201322 AMDT Holdings, Inc. The patent has been assigned to **Arthrex, Inc.**

2022201393 Sedic, Filip The patent has been assigned to **FOREO Oceania Pty Ltd**

2022235624 Galapagos NV The patent has been assigned to **Ai-fasigma S.p.A.**

Licences Registered - Section 187, Reg. 19

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

2016374580 université Paris Cité; Institut national de recherche pour l'agriculture, l'alimentation et l'environnement; Assistance Publique - Hopitaux de Paris (Maat PHARMA)

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Filed

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

2011326454 **Merck Sharp & Dohme LLC**

The earliest first regulatory approval date provided by the patentee 12 Dec 2023

For the goods **AQUIPTA atogepant**

2015214502 **Merck Sharp & Dohme LLC**

The earliest first regulatory approval date provided by the patentee 12 Dec 2023

For the goods **AQUIPTA atogepant**

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.

2011326454 **Merck Sharp & Dohme LLC**

The earliest first regulatory approval date provided by the patentee 12 Dec 2023

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Accepted

For the goods AQUIPTA atogepant

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

2014220357 **Pfizer Inc.**

The earliest first regulatory approval date provided by the patentee 16 Apr 2024

For the goods CIBINQO abrocitinib

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

Extensions granted

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

2009219232 **Novo Nordisk A/S**

The earliest first regulatory approval date provided by the patentee 05 Jun 2023

For the goods ESPEROCT turoctocog alfa pegol

Extension of Term of patent pursuant to Section 77 expires on 26 Feb 2034

2020203531 **Pearl Therapeutics, Inc.**

The earliest first regulatory approval date provided by the patentee 02 Oct 2018

For the goods BEVESPI AEROSPHERE Bevespi

Extension of Term of patent pursuant to Section 77 expires on 02 Oct 2033

Corrigenda

In Vol 58 , No 17 , Page(s) 2557 under the heading **Assignments Registered** Patent No. 2004324246 - Delete all reference to

In Vol 58 , No 17 , Page(s) 2558 under the heading **Assignments Registered** Patent No. 2005300259 - Delete all reference to

In Vol 58 , No 17 , Page(s) 2558 under the heading **Assignments Registered** Patent No. 2008355557 - Delete all reference to

In Vol 58 , No 17 , Page(s) 2558 under the heading **Assignments Registered** Patent No. 2011369219 - Delete all reference to

In Vol 58 , No 17 , Page(s) 2558 under the heading **Assignments Registered** Patent No. 2013242847 - Delete all reference to

In Vol 58 , No 17 , Page(s) 2558 under the heading **Assignments Registered** Patent No. 2013371867 - Delete all reference to

In Vol 58 , No 17 , Page(s) 2558 under the heading **Assignments Registered** Patent No. 2013395445 - Delete all reference to

In Vol 58 , No 17 , Page(s) 2559 under the heading **Assignments Registered** Patent No. 2014308544 - Delete all reference to

In Vol 58 , No 17 , Page(s) 2559 under the heading **Assignments Registered** Patent No. 2016219633 - Delete all reference to

Corrigenda

In Vol 58 , No 17 , Page(s) 2559 under the heading **Assignments Registered** Patent No. 2017203044 - Delete all reference to

In Vol 58 , No 21 , Page(s) 3119 under the heading **Assignments Registered** Under the names Otsuka Pharmaceutical Factory, Inc and AdaBio Co., Ltd., Patent No. 2018259992, under INID (71) correct the applicant name to Otsuka Pharmaceutical Factory, Inc.

Specifications Republished

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

- 2019252847 **Leitner S.p.A.**
- 2020276527 **Huawei Technologies Co., Ltd.**
- 2020407861 **Koninklijke Douwe Egberts B.V.**
- 2020475267 **KIMBERLY-CLARK WORLDWIDE, INC.**
- 2020481660 **TI-HOLDINGS B.V.**
- 2020482683 **KNAUF GIPS KG**
- 2021290491 **Sungrow Power Supply Co., Ltd.**
- 2021327073 **THE QUEEN'S UNIVERSITY OF BELFAST**
- 2021331193 **ALS THERAPY DEVELOPMENT INSTITUTE**
- 2021332868 **BAOSHAN IRON & STEEL CO., LTD.**
- 2021332942 **MAXITROL GMBH & CO. KG**
- 2021334268 **SUMITOMO METAL MINING CO., LTD.**
- 2021335818 **LG ELECTRONICS INC.**
- 2021336818 **QUANTUMKORE INNOVATION INC.**
- 2021337583 **CURASEN THERAPEUTICS, INC.**
- 2021337680 **WALKING FISH THERAPEUTICS, INC.**
- 2021339040 **ONE1STAR SOLUTIONS LIMITED**
- 2021339766 **ERGOSURGICAL GROUP CORP.**
- 2021342843 **SKYMOUNT INNOVATIONS PTY LTD**
- 2021345628 **DONGGUAN POWERAMP TECHNOLOGY LIMITED**
- 2021346114 **BECTON DICKINSON FRANCE; BECTON, DICKINSON AND COMPANY**
- 2021347581 **ABLEVIA BIOTECH GMBH**
- 2021347913 **1ST BIOTHERAPEUTICS, INC.**
- 2021350153 **ENVOLA GMBH**
- 2021352963 **ELAFLEX HIBY GMBH & CO. KG**
- 2021354156 **MASTERCARD TECHNOLOGIES CANADA ULC**
- 2021356146 **CHIESI FARMACEUTICI S.P.A.**
- 2021356239 **ACKLAND, I.**
- 2021357791 **LG ENERGY SOLUTION, LTD.**
- 2021358086 **ADVANCED SOLUTIONS LIFE SCIENCES, LLC**
- 2021358130 **KYMERA THERAPEUTICS, INC.**
- 2021360292 **DEPUY SYNTHES PRODUCTS, INC.**
- 2021361746 **NIHON MEDI-PHYSICS CO., LTD.**
- 2021361848 **AVELAS ACQUISITION CORPORATION**
- 2021363565 **LAING O'ROURKE PLC**
- 2021364255 **HK INNO.N CORPORATION**
- 2021365135 **Twelve Benefit Corporation**
- 2021365666 **TRIPOD DESIGN CO., LTD.**
- 2021365806 **Formulatrix International Holding Ltd.**
- 2021366431 **CRISPR THERAPEUTICS AG**
- 2021367018 **SHANGHAI REINOVAX BIOLOGICS CO., LTD;**
SHANGHAI MICRODOM BIOTECH CO., LTD
- 2021368138 **TREThERA CORPORATION**
- 2021369673 **CROWN EQUIPMENT CORPORATION**
- 2021374649 **THE WISTAR INSTITUTE OF ANATOMY AND BIOLOGY**
- 2021374729 **RUAG AMMOTEC AG**
- 2021376275 **SMARTPAK EQUINE LLC**
- 2021379551 **VICTAULIC COMPANY**
- 2021380126 **DX TECH PTY LTD**
- 2021380937 **ØRSTED WIND POWER A/S**
- 2021381094 **BETH-EL MACHINERY LTD.**
- 2021381168 **NIPPON STEEL CORPORATION**
- 2021381491 **ACLARIS THERAPEUTICS, INC.**

Specifications Republished

2021382422 SAIPEM S.P.A.
 2021382668 TONIX PHARMACEUTICALS HOLDING CORP.
 2021382917 SCANCELL LIMITED
 2021383325 PRILENIA NEUROTHERAPEUTICS LTD.
 2021383830 INOZYME PHARMA, INC.
 2021383832 ENANTA PHARMACEUTICALS, INC.
 2021385349 NOVARTIS AG; LES LABORATOIRES SERVIER
 2021385486 CORNELL UNIVERSITY
 2021386429 BRAIN CORP SA
 2021386489 KEMIRA OYJ
 2021386775 MYD'L
 2021386812 ZHEJIANG HUODE BIOENGINEERING COMPANY LIMITED
 2021389071 UPL LIMITED
 2021389080 NEGATIVE EMISSIONS MATERIALS, INC.
 2021391506 AKRAPOVIC D.D.
 2021392981 BÄUMER, S.; BÄUMER, N.; BERDEL, W.; LENZ, G.; WITTMANN, L.
 2021397324 AGROSPHERES, INC.
 2021397684 LIPOCOSM, LLC
 2021399910 SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.
 2021400427 ARKEMA FRANCE
 2021401063 THE GENERAL HOSPITAL CORPORATION
 2021403503 SPECIALTY OPERATIONS FRANCE
 2021403606 GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED
 2021405485 OCADO INNOVATION LIMITED
 2021407012 HANGZHOU HEALZEN THERAPEUTICS CO., LTD.
 2021416156 BRISTOL-MYERS SQUIBB COMPANY; Halozyme, Inc.
 2021416526 ILLUMINA, INC.; ILLUMINA CAMBRIDGE LIMITED
 2021436144 NORTON, D.P.; NORTON, K.L.
 2022206323 The Scripps Research Institute; OSPREY BIOPHARMACEUTICALS, INC.
 2022207550 SUZHOU ABOGEN BIOSCIENCES CO., LTD.
 2022215884 SERVEI DE SALUT DE LES ILLES BALEARS - IB-SALUT; FUNDACIÓ INSTITUT D'INVESTIGACIÓ SANITÀRIA ILLES BALEARS - IDISBA
 2022299868 YANSHAN UNIVERSITY