



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

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General Information

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

Editorial enquiries

Contact information

Freedom of Information ACT

Professional Standards Board

Sales

Requests for Information under Section 194 (c)

Country Codes

Trade Mark and Designs Hearing Sessions

INID (Internationally agreed Numbers for the Identification of Data)

GUIDE TO THE USE OF THIS JOURNAL

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

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

(i) FILING -

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

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

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

(iii) ACCEPTANCE –

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

(iv) OPPOSITION –

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

(v) GRANTING –

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

(vi) CERTIFICATION

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

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

How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

How Australian Patent Documents are Numbered

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

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

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

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

See Examples:

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

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

For each of the categories

(i) Provisional Applications Filed, (ii)

Complete Applications Filed, (iii)

Applications Open to Public Inspection

(iv) Applications Accepted, and (v)

Innovation Patent Certified.

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

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

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

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

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

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

<u>ITEM</u>	<u>INID 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 21 Feb 2023 .

(71) A.C.N. 621 622 839 PTY. LTD. (21) 2023900453 (22) 22.02.2023 (54) HYDROELECTRIC GENERATION METHOD AND SYSTEM	(71) Breville Pty Limited (21) 2023900475 (22) 23.02.2023 (54) Multi-function beverage appliance and method	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2023900463 (22) 22.02.2023 (54) Methods and compositions for gene editing
(71) Arakel, A.; Pact Renewables Pty Ltd (21) 2023900430 (22) 20.02.2023 (54) Portable apparatus for production of mineral-based composites and methods for producing and using the same	(71) CAIRNS COMPLETE PLASTER SERVICES PTY LTD (21) 2023900467 (22) 23.02.2023 (54) A system and method for handling construction material	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2023900490 (22) 24.02.2023 (54) INSECT TRAP ENTRANCE
(71) Austin, M. (21) 2023900470 (22) 23.02.2023 (54) Shock absorber suspension damping	Cakir-Fuller, E. see FONTERRA CO-OPERATIVE GROUP LIMITED (21) 2023900455	(71) Deakin University (21) 2023900477 (22) 23.02.2023 (54) SOLID-STATE GAS SORPTION, STORAGE AND SEPARATION
(71) Baladi, G. (21) 2023900474 (22) 23.02.2023 (54) Ocean Waves to Clean Energy	(71) Cappsule Holdings Pty Ltd (21) 2023900489 (22) 24.02.2023 (54) Method, system and apparatus for local and remote monitoring and remote control in buildings and the like	(71) DOT DESIGN GROUP PTY LTD (21) 2023900438 (22) 21.02.2023 (54) multigrip bracket with signage gripper
(71) BAYHILL ROOFING PTY LTD (21) 2023900491 (22) 24.02.2023 (54) VENT AND METHOD OF INSTALLATION	(71) Charles Sturt University (21) 2023900486 (22) 24.02.2023 (54) A method and system for detecting disease in livestock	(71) Durrant, B. (21) 2023900469 (22) 23.02.2023 (54) SYSTEM AND METHOD TO ASSIST USERS WITH APPARATUS MAINTENANCE
(71) Beyonda Pty Ltd (21) 2023900462 (22) 22.02.2023 (54) A collapsible cart	(71) Charles Sturt University (21) 2023900488 (22) 24.02.2023 (54) A method and system for detecting disease of defects in livestock	(71) Easybondpay Pty Ltd (21) 2023900456 (22) 22.02.2023 (54) SECURITY PROVISIONING SYSTEM AND METHOD
(71) Blue Ocean Monitoring Limited (21) 2023900479 (22) 23.02.2023 (54) TEST UNMANNED UNDERWATER VEHICLE	Chuang, C. see FONTERRA CO-OPERATIVE GROUP LIMITED (21) 2023900455	(71) Edwards, B. (21) 2023900449 (22) 22.02.2023 (54) Vending System
(71) Breville Pty Limited (21) 2023900471 (22) 23.02.2023 (54) Beverage machine and method	(71) Chukwu, B. (21) 2023900465 (22) 22.02.2023 (54) Party and Event Camera (PEC) Application	Elgar, D.F. see FONTERRA CO-OPERATIVE GROUP LIMITED (21) 2023900455

Provisional Applications Filed - Name Index cont'd

(71) Elliot, R.J.
(21) 2023900443 (22) 21.02.2023
(54) Method and Module for Drill String Recovery

(71) Eurogen Pty Limited
(21) 2023900476 (22) 23.02.2023
(54) A power generation device and a rotor for same

(71) FONTERRA CO-OPERATIVE GROUP LIMITED; Cakir-Fuller, E.; Chuang, C.; Mehrabadi, A.; Pritchard, M.; Elgar, D.F.
(21) 2023900455 (22) 22.02.2023
(54) DAIRY PRODUCT AND PROCESS

(71) GBIP Pty Ltd
(21) 2023900436 (22) 21.02.2023
(54) MODULAR DECK SYSTEM

(71) GEARING, P.
(21) 2023900484 (22) 24.02.2023
(54) SUBSURFACE IRRIGATION SYSTEM

(71) Glenrowan Enterprises Pty Ltd
(21) 2023900457 (22) 22.02.2023
(54) CONVEYOR ROLLER SUPPORT STRUCTURE FOR CONVEYOR SYSTEMS

(71) GREEN TECH SUPER COOLING SYSTEMS PTY LTD
(21) 2023900448 (22) 21.02.2023
(54) DEVICE, SYSTEM, METHOD AND COMPOSITION FOR REDUCING POLLUTION

(71) Hardrock Mining Solutions Pty Ltd
(21) 2023900444 (22) 21.02.2023
(54) Installation tool for inserting a rock bolt

(71) Hill, P.
(21) 2023900473 (22) 23.02.2023
(54) Fold Out Sleeping Enclosure

(71) Iluka Resources Limited
(21) 2023900481 (22) 24.02.2023
(54) Processing apparatus

(71) Iluka Resources Limited
(21) 2023900482 (22) 24.02.2023
(54) Process and apparatus

(71) Lai, Y.C.
(21) 2023900485 (22) 24.02.2023
(54) A fishing lure with stowable hooks

(71) Lastek Pty Ltd
(21) 2023900460 (22) 22.02.2023
(54) A Simple Zero-Q-Transforming Multi-Pass Cell for Optical Applications

(71) Law Baa Pty Ltd
(21) 2023900480 (22) 24.02.2023
(54) Electronic document management system

(71) Li, Y.
(21) 2023900434 (22) 20.02.2023
(54) deep scalp cleansing oil

(71) Macquarie University
(21) 2023900466 (22) 23.02.2023
(54) Micro-structured nanomaterial

(71) Mapsil Pty Ltd
(21) 2023900472 (22) 23.02.2023
(54) Silicon fertiliser and method of producing same

Mehrabadi, A. see FONTERRA CO-OPERATIVE GROUP LIMITED
(21) 2023900455

(71) milne, j.
(21) 2023900495 (22) 26.02.2023
(54) Personal smoke filter

(71) Mohanta, A.
(21) 2023900454 (22) 22.02.2023
(54) A voting system

(71) NextOre Ltd
(21) 2023900442 (22) 21.02.2023
(54) System and Method for the Measurement of the Mineral and/or Elemental Content of Ore

(71) Norwood Systems Pty Ltd
(21) 2023900478 (22) 23.02.2023
(54) A CONVERSATION SYSTEM

(71) NRW Holdings Limited
(21) 2023900447 (22) 21.02.2023
(54) A Method and an Apparatus for Installing a Track on a Tracked Machine

(71) NTHALMIC HOLDING PTY LTD
(21) 2023900450 (22) 22.02.2023
(54) Gaming devices, methods, and apparatus for myopia management.

Pact Renewables Pty Ltd see Arakel, A.
(21) 2023900430

(71) Poldmaa, A.
(21) 2023900483 (22) 24.02.2023
(54) MULTI-DIRECTIONAL SAFETY SHUTTLE

(71) Prism Surgical Designs Pty Ltd
(21) 2023900439 (22) 21.02.2023
(54) Insertion Distraction Instrument

(71) Prism Surgical Designs Pty Ltd
(21) 2023900440 (22) 21.02.2023
(54) SPINAL IMPLANT HOLDER AND MEDICAL DEVICE FOR INSERTING AN ARTIFICIAL VERTEBRAL DISC

Pritchard, M. see FONTERRA CO-OPERATIVE GROUP LIMITED
(21) 2023900455

(71) REMEDIATION INNOVATION PTY LTD
(21) 2023900492 (22) 24.02.2023
(54) REMEDIATION TREATMENT AND METHOD

(71) Russell, J.
(21) 2023900458 (22) 22.02.2023
(54) Programmable LED expression strip for MIDI Guitars

(71) Spira Health Pty Ltd
(21) 2023900459 (22) 22.02.2023
(54) Respiratory training device

(71) Stuart Durston
(21) 2023900468 (22) 23.02.2023
(54) Digital instrument and recording interface leads

(71) Surface Solutions Pty Ltd
(21) 2023900451 (22) 22.02.2023
(54) Paint formulation

(71) Sustainability Innovations Pty Ltd
(21) 2023900461 (22) 22.02.2023
(54) Interlocking masonry block system

(71) Technological Resources Pty. Limited
(21) 2023900435 (22) 21.02.2023
(54) Leaching Copper-Containing Ores

(71) The Trustee for IMAK Enterprises Trust
(21) 2023900441 (22) 21.02.2023
(54) Fit for Purpose (FFP)

(71) The University of Newcastle
(21) 2023900487 (22) 24.02.2023
(54) Maintenance system and method for a rail conveyor

Provisional Applications Filed - Name Index cont'd

(71) Vause Medical Pty Ltd
(21) 2023900464 (22) 22.02.2023
(54) Method and system for providing guidance to a user performing a medical procedure

(71) Zip Heaters (Aust) Pty Ltd
(21) 2023900445 (22) 21.02.2023
(54) A hose management system

(71) Zip Heaters (Aust) Pty Ltd
(21) 2023900446 (22) 21.02.2023
(54) A tap assembly

Numerical Index

2023900430	Arakel, A.; Pact Renewables Pty Ltd
2023900434	Li, Y.
2023900435	Technological Resources Pty. Limited
2023900436	GBIP Pty Ltd
2023900438	DOT DESIGN GROUP PTY LTD
2023900439	Prism Surgical Designs Pty Ltd
2023900440	Prism Surgical Designs Pty Ltd
2023900441	The Trustee for IMAK Enterprises Trust
2023900442	NextOre Ltd
2023900443	Elliot, R.J.
2023900444	Hardrock Mining Solutions Pty Ltd
2023900445	Zip Heaters (Aust) Pty Ltd
2023900446	Zip Heaters (Aust) Pty Ltd
2023900447	NRW Holdings Limited
2023900448	GREEN TECH SUPER COOLING SYSTEMS PTY LTD
2023900449	Edwards, B.
2023900450	NTHALMIC HOLDING PTY LTD
2023900451	Surface Solutions Pty Ltd
2023900453	A.C.N. 621 622 839 PTY. LTD.
2023900454	Mohanta, A.
2023900455	FONTERRA CO-OPERATIVE GROUP LIMITED; Cakir-Fuller, E.; Chuang, C.; Mehrabadi, A.; Pritchard, M.; Elgar, D.F.
2023900456	Easybondpay Pty Ltd
2023900457	Glenrowan Enterprises Pty Ltd
2023900458	Russell, J.
2023900459	Spira Health Pty Ltd
2023900460	Lastek Pty Ltd
2023900461	Sustainability Innovations Pty Ltd
2023900462	Beyonda Pty Ltd
2023900463	Commonwealth Scientific and Industrial Research Organisation
2023900464	Vause Medical Pty Ltd
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2023900466	Macquarie University
2023900467	CAIRNS COMPLETE PLASTER SERVICES PTY LTD
2023900468	Stuart Durston
2023900469	Durrant, B.
2023900470	Austin, M.
2023900471	Breville Pty Limited
2023900472	Mapsil Pty Ltd
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2023900477	Deakin University
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2023900495	milne, j.

Complete Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 21 Feb 2023 .

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

<hr/> <p>(71) 2840629 ONTARIO INC. (21) 2023200766 (22) 11.02.2023 (54) PANELS FOR OUTDOOR STRUCTURES (31) 63/310,568 (32) 15.02.22 (33) US</p> <hr/> <p>(71) 4D Molecular Therapeutics Inc. (21) 2023200818 (22) 14.02.2023 (54) Codon Optimized GLA Genes And Uses Thereof (62) 2021263563</p> <hr/> <p>(71) ABB Schweiz AG (21) 2023200720 (22) 09.02.2023 (54) APPARATUS AND METHOD FOR MEASURING ACTIVE ELECTRIC POWER IN AN ELECTRIC CIRCUIT (31) 22160670.0 (32) 08.03.22 (33) EP</p> <hr/> <p>(71) AgCoTech IP Pty Ltd (21) 2023200792 (22) 13.02.2023 (54) MOLASSES BLOCK SUPPLEMENTS FOR RUMINANTS</p> <hr/> <p>(71) Agency for Defense Development (21) 2023200890 (22) 16.02.2023 (54) Probe for simultaneously measuring flow velocity and flow angle at supersonic flow (31) 10-2022-0127964 (32) 06.10.22 (33) KR</p> <hr/> <p>(71) AiCuris GmbH & Co. KG (21) 2023200773 (22) 13.02.2023 (54) A maleate salt of the free base of N-[5-(aminosulfonyl)-4-methyl-1,3-thiazol-2-yl]-N-methyl-2-[4-(2-pyridinyl)-phenyl]-acetamide, pharmaceutical formulations, methods of manufacture and uses thereof for the treatment of herpes viruses (62) 2022200409</p> <hr/> <p>Alawi, O. see Mallah, A.R. (21) 2023200837</p> <hr/> <p>(71) Amarin Pharmaceuticals Ireland Limited (21) 2023200781 (22) 13.02.2023 (54) Methods of reducing the risk of cardiovascular events in a subject (62) 2019349563</p>	<p>(71) Amarin Pharmaceuticals Ireland Limited (21) 2023200783 (22) 13.02.2023 (54) Methods of reducing the risk of cardiovascular events in a subject (62) 2019349563</p> <hr/> <p>(71) Amarin Pharmaceuticals Ireland Limited (21) 2023200784 (22) 13.02.2023 (54) Methods of reducing the risk of cardiovascular events in a subject (62) 2019349563</p> <hr/> <p>(71) Amarin Pharmaceuticals Ireland Limited (21) 2023200785 (22) 13.02.2023 (54) Methods of reducing the risk of cardiovascular events in a subject (62) 2019349563</p> <hr/> <p>(71) Amazon Technologies, Inc. (21) 2023200859 (22) 15.02.2023 (54) SYSTEM, METHOD AND COMPUTER-READABLE STORAGE MEDIUM FOR CUSTOMIZABLE EVENT-TRIGGERED COMPUTATION AT EDGE LOCATIONS (62) 2021240176</p> <hr/> <p>(71) Anbio Biotechnology Limited; WANG, J. (21) 2023200795 (22) 13.02.2023 (54) BDNF QUANTITATIVE IMMUNOCHROMATOGRAPHIC TEST STRIP AND PREPARATION METHOD THEREOF (31) 18/098,193 (32) 18.01.23 (33) US</p> <hr/> <p>(71) Anbio Biotechnology Limited; WANG, J. (21) 2023200796 (22) 13.02.2023 (54) NUCLEIC ACID DETECTION REAGENT AND DETECTION METHOD FOR MYCOBACTERIUM TUBERCULOSIS (31) 18/098,196 (32) 18.01.23 (33) US</p> <hr/> <p>(71) APD Limited (21) 2023200882 (22) 16.02.2023 (54) AN APPARATUS, SYSTEM AND METHOD FOR STORING WATER (31) 785292 (32) 22.02.22 (33) NZ</p> <hr/> <p>(71) Apple Inc. (21) 2023200797 (22) 14.02.2023 (54) Image data for enhanced user interactions (62) 2021254574</p>	<hr/> <p>(71) Apple Inc. (21) 2023200803 (22) 14.02.2023 (54) Maintaining context information between user interactions with a voice assistant (62) 2021202350</p> <hr/> <p>(71) Apple Inc. (21) 2023200867 (22) 16.02.2023 (54) Avatar integration with multiple applications (62) 2020269590</p> <hr/> <p>(71) Aquaterra Energy Limited (21) 2023200915 (22) 16.02.2023 (54) A Tethering System for a Blow-Out Preventer (31) 2202205.7 (32) 18.02.22 (33) GB</p> <hr/> <p>(71) Aristocrat Technologies, Inc. (21) 2023201049 (22) 22.02.2023 (54) ADJUSTABLE ELECTRONIC GAMING DEVICE AND ASSOCIATED SYSTEMS AND METHODS (31) 63/311,815 (32) 18.02.22 (33) US 18/160,174 26.01.23 US</p> <hr/> <p>(71) Aurora Operations, Inc. (21) 2023200838 (22) 15.02.2023 (54) SYSTEMS AND METHODS FOR PULSED-WAVE LIDAR (62) 2021299239</p> <hr/> <p>(71) Baxter Healthcare SA; Baxter International Inc. (21) 2023200753 (22) 10.02.2023 (54) SYSTEM AND METHOD FOR PERFORMING ALTERNATIVE AND SEQUENTIAL BLOOD AND PERITONEAL DIALYSIS MODALITIES (62) 2021240147</p> <hr/> <p>Baxter International Inc. see Baxter Healthcare SA (21) 2023200753</p> <hr/> <p>(71) Beckett Thermal Solutions Ltd. (21) 2023200774 (22) 13.02.2023 (54) A Gas Burner Membrane (31) 2201912.9 (32) 14.02.22 (33) GB</p>
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Complete Applications Filed - Name Index cont'd

(71) Becton, Dickinson and Company
 (21) 2023200777 (22) 13.02.2023
 (54) Method and apparatus for wetting internal fluid path surfaces of a fluid port to increase ultrasonic signal transmission
 (62) 2021269333

(71) Becton Dickinson France
 (21) 2023200858 (22) 15.02.2023
 (54) Rigid needle shield remover with drop test feature for autoinjector
 (62) 2020228132

(71) BioVentures, LLC; Mitochon Pharmaceuticals, Inc.
 (21) 2023200805 (22) 14.02.2023
 (54) DNP AND DNP PRODRUG TREATMENT OF NEUROMUSCULAR, NEURODEGENERATIVE, AUTOIMMUNE, DEVELOPMENTAL, TRAUMATIC BRAIN INJURY, CONCUSSION, DRY EYE DISEASE, HEARING LOSS, AND/OR METABOLIC DISEASES
 (62) 2017229224

(71) Blackhawk Network, Inc.
 (21) 2023200775 (22) 13.02.2023
 (54) System and method for using intelligent codes in conjunction with non-fungible tokens
 (31) 18/107,111 (32) 08.02.23 (33) US
 63/309,089 11.02.22 US

(71) Britax Child Safety, Inc.
 (21) 2023200829 (22) 14.02.2023
 (54) CONVERTIBLE CAR SEAT WITH ADJUSTABLE HEADREST
 (31) 63/310,408 (32) 15.02.22 (33) US

(71) Carl Freudenberg KG
 (21) 2023200808 (22) 14.02.2023
 (54) SEAL AND ITS MANUFACTURING PROCESS
 (31) 102022105295.8 (32) 07.03.22 (33) DE

CHANDLER, D. see FAIRLESS, M.
 (21) 2023200907

(71) CNH Industrial America LLC
 (21) 2023200804 (22) 14.02.2023
 (54) Systems and methods for monitoring the operational status of passive lift supports and related work machines
 (31) 17/672,169 (32) 15.02.22 (33) US

(71) Cognoa, Inc.
 (21) 2023200849 (22) 15.02.2023
 (54) Platform and system for digital personalized medicine
 (62) 2018219846

(71) Colgate-Palmolive Company
 (21) 2023200763 (22) 10.02.2023
 (54) Oral care agent dispensing system
 (62) 2019406321

(71) Comb O&P
 (21) 2023200910 (22) 16.02.2023
 (54) Fixture assembly and method for positioning appendage for digital scanning
 (31) 17/890,231 (32) 22.07.22 (33) US
 63/369,163 22.07.22 US

(71) Commonwealth Scientific and Industrial Research Organisation
 (21) 2023200868 (22) 16.02.2023
 (54) Energy harvesting for sensor systems
 (62) 2017234375

(71) Coulisse B.V.
 (21) 2023200844 (22) 15.02.2023
 (54) Drilling device and method for drilling holes in a window covering fabric package
 (31) 2030970 (32) 16.02.22 (33) NL

Courtney, B. see CRISTAL AIR INTERNATIONAL LIMITED
 (21) 2023200920

(71) CRISTAL AIR INTERNATIONAL LIMITED; Courtney, B.
 (21) 2023200920 (22) 16.02.2023
 (54) VENTILATION SYSTEM
 (31) 785190 (32) 16.02.22 (33) NZ
 790307 13.07.22 NZ

(71) Crown Equipment Corporation
 (21) 2023200846 (22) 15.02.2023
 (54) SENSOR CALIBRATION TOOL
 (31) 18/167,137 (32) 10.02.23 (33) US

(71) CubicPV Inc.
 (21) 2023200817 (22) 14.02.2023
 (54) TITANATE INTERFACIAL LAYERS IN PEROVSKITE MATERIAL DEVICES
 (62) 2021200670

Daiichi Sankyo Company, Limited see Sapporo Medical University
 (21) 2023200883

(71) Deere & Company
 (21) 2023200707 (22) 09.02.2023
 (54) Height adjustable control surface
 (31) 22164314.1 (32) 25.03.22 (33) EP

(71) Deere & Company
 (21) 2023200710 (22) 09.02.2023
 (54) Chopper system with wear indicator
 (31) 17/656,271 (32) 24.03.22 (33) US

(71) Designrex Group Pty Ltd
 (21) 2023200841 (22) 15.02.2023
 (54) AN IMPROVED DESIGNER CLOTHING DISTRIBUTION SYSTEM
 (62) 2021200296

(71) Dogtooth Technologies Limited
 (21) 2023200762 (22) 10.02.2023
 (54) A robotic fruit picking system
 (62) 2017357645

(71) Easton, B.
 (21) 2023200810 (22) 14.02.2023
 (54) Portable Shower Enclosure
 (31) 2022900316 (32) 14.02.22 (33) AU

(71) EASYQUIP PTY LTD
 (21) 2023200900 (22) 16.02.2023
 (54) IMPROVED CONTAINER LID SUPPORT

(71) Einhell Germany AG
 (21) 2023200750 (22) 10.02.2023
 (54) CONTROL OF AN ELECTRIC APPLIANCE BY MEANS OF A BATTERY PACK
 (31) 10 2022 104 040.2 (32) 21.02.22 (33) DE

(71) ESCEA LIMITED
 (21) 2023200936 (22) 17.02.2023
 (54) Simulated Fireplace
 (31) 791427 (32) 17.08.22 (33) NZ

(71) Fable Holdings Pty Ltd
 (21) 2023200821 (22) 14.02.2023
 (54) Native-whole-starch-based fat replacer
 (62) 2022233346

(71) FAIRLESS, M.; CHANDLER, D.
 (21) 2023200907 (22) 16.02.2023
 (54) A ROTATABLE GUTTERING SYSTEM
 (31) 2022900438 (32) 24.02.22 (33) AU

(71) Fate Therapeutics, Inc.
 (21) 2023200879 (22) 16.02.2023
 (54) Platform for the induction & maintenance of ground state pluripotency
 (62) 2016338680

(71) Flexopack S.A.
 (21) 2023200819 (22) 14.02.2023
 (54) Heat shrinkable film
 (31) EP22156896.7 (32) 15.02.22 (33) EP

(71) GE Energy Power Conversion Technology Limited
 (21) 2023200694 (22) 09.02.2023
 (54) Hybrid MODULAR MULTILEVEL CONVERTER (HMMC) BASED ON A

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NEUTRAL POINT PILOT (npp) TOPOLOGY
(31) 63/313,271 (32) 23.02.22 (33) US

(71) GE Energy Power Conversion Technology Limited
(21) 2023200695 (22) 09.02.2023
(54) HYBRID MODULAR MULTILEVEL CONVERTER (HMMC) BASED ON A NEUTRAL POINT CLAMPED (NPC) TOPOLOGY
(31) 63/313,268 (32) 23.02.22 (33) US

(71) GE Healthcare Limited
(21) 2023200789 (22) 13.02.2023
(54) Solid phase purification
(62) 2019246403

(71) Gen-Probe Incorporated
(21) 2023200869 (22) 16.02.2023
(54) Method for calibrating or monitoring performance of an optical measurement device
(62) 2021240233

(71) Genzyme Corporation
(21) 2023200828 (22) 14.02.2023
(54) Methods and compositions for treating a Serpinc1-associated disorder
(62) 2016368289

(71) GE Oil & Gas, Inc.
(21) 2023200787 (22) 13.02.2023
(54) GAS LIQUEFACTION SYSTEM AND METHODS
(62) 2021232758

(71) Getac Technology Corporation
(21) 2023200697 (22) 09.02.2023
(54) Docking Station
(31) 202211395362.6 (32) 09.11.22 (33) CN

(71) Getac Technology Corporation
(21) 2023200698 (22) 09.02.2023
(54) 10137
(31) 63/350,910 (32) 16.06.22 (33) US
202211314637.9 26.10.22 CN

(71) Getac Technology Corporation
(21) 2023200811 (22) 14.02.2023
(54) Waterproof electronic device and fan device thereof
(31) 63/350,914 (32) 10.06.22 (33) US
202211461703.5 17.11.22 CN

(71) Getac Technology Corporation
(21) 2023200832 (22) 14.02.2023
(54) ELECTRONIC DEVICE HAVING M.2 CONNECTOR COMPATIBLE WITH TWO COMMUNICATION MODULES, METHOD FOR MAKING TWO COMMUNICATION MODULES BE COM-

PATIBLE IN SINGLE M.2 CONNECTOR, AND COMPUTER-IMPLEMENTED METHOD THEREOF
(31) 202211449032.0 (32) 18.11.22 (33) CN

(71) GE Video Compression, LLC
(21) 2023200757 (22) 10.02.2023
(54) Video encoder, video decoder, methods for encoding and decoding and video data stream for realizing advanced video coding concepts
(62) 2021277524

(71) GE Video Compression, LLC
(21) 2023200764 (22) 10.02.2023
(54) Video encoder, video decoder, methods for encoding and decoding and video data stream for realizing advanced video coding concepts
(62) 2021277524

(71) GE Video Compression, LLC
(21) 2023200765 (22) 10.02.2023
(54) Video encoder, video decoder, methods for encoding and decoding and video data stream for realizing advanced video coding concepts
(62) 2021277524

(71) Globeride, Inc.
(21) 2023200854 (22) 15.02.2023
(54) FISHING ROD REEL SEAT, FISHING ROD, AND FIXING NUT
(31) 2022-32196 (32) 02.03.22 (33) JP

Guey, P. see Moller, J.
(21) 2023200881

(71) HandyLab, Inc.
(21) 2023200806 (22) 14.02.2023
(54) Integrated apparatus for performing nucleic acid extraction and diagnostic testing on multiple biological samples
(62) 2020239676

(71) Huawei Technologies Co., Ltd.
(21) 2023200851 (22) 15.02.2023
(54) DISPLAY METHOD AND RELATED APPARATUS
(62) 2019420297

(71) Hunter Process Technologies Pty Limited
(21) 2023200767 (22) 12.02.2023
(54) SYSTEM, METHOD AND APPARATUS FOR FROTH FLOTATION
(62) 2021201129

(71) Hunter Process Technologies Pty Limited
(21) 2023200768 (22) 12.02.2023

(54) SYSTEM, METHOD AND APPARATUS FOR FROTH FLOTATION
(62) 2021201129

(71) Hunter Process Technologies Pty Limited
(21) 2023200769 (22) 12.02.2023
(54) SYSTEM, METHOD AND APPARATUS FOR FROTH FLOTATION
(62) 2021201129

(71) Illumina, Inc.
(21) 2023200758 (22) 10.02.2023
(54) Methods and systems for analyzing image data
(62) 2020277261

(71) Immutrix Therapeutics, Inc.
(21) 2023200800 (22) 14.02.2023
(54) Therapeutic compositions for viral-associated disease states and methods of making and using same
(62) 2021200849

(71) Inoptec Limited,
(21) 2023200847 (22) 15.02.2023
(54) Electronic Spectacles
(62) 2021218127

(71) Instrumentation Laboratory Company
(21) 2023200931 (22) 17.02.2023
(54) MANAGING CONTAINERS IN A MEDICAL DIAGNOSTIC SYSTEM
(31) 17/678,831 (32) 23.02.22 (33) US

(71) Intravital Pty Ltd
(21) 2023200759 (22) 10.02.2023
(54) DRUG DELIVERY DEVICE WITH PRE-ASSEMBLED CARTRIDGE
(62) 2021202821

(71) Inventys Thermal Technologies Inc.
(21) 2023200754 (22) 10.02.2023
(54) ADSORPTIVE GAS SEPARATION PROCESS AND SYSTEM
(62) 2017244042

(71) JIANGNAN UNIVERSITY; Wuxi Haihe Equipment Technology Co., Ltd
(21) 2023200918 (22) 16.02.2023
(54) Method For Preserving Leafy Vegetables By Combining Carrageenan Oligosaccharide Film-Coating With Led Composite Illumination In Cooperation With Modified Atmosphere
(31) 202210145834.6 (32) 17.02.22 (33) CN

JINKO SOLAR CO., LTD. see ZHEJIANG JINKO SOLAR CO., LTD.
(21) 2023200864

Complete Applications Filed - Name Index cont'd

(71) Kabushiki Kaisha Toshiba
(21) 2023200744 (22) 10.02.2023
(54) Electrolysis device and method of controlling electrolysis device
(31) 2022-147364 (32) 15.09.22 (33) JP

(71) Kabushiki Kaisha Toshiba
(21) 2023200831 (22) 14.02.2023
(54) Sequestration system
(31) 2022-147420 (32) 15.09.22 (33) JP

(71) Keto Patent Group, Inc.
(21) 2023200826 (22) 14.02.2023
(54) Administration of berberine metabolites
(62) 2017253110

(71) LG Electronics Inc.
(21) 2023200877 (22) 16.02.2023
(54) Display Device
(31) PCT/ KR2022/002271 (32) 16.02.22 (33) WO

(71) LG Electronics Inc.
(21) 2023200887 (22) 16.02.2023
(54) DISPLAY DEVICE
(31) 10-2022-0023073 (32) 22.02.22 (33) KR

(71) Limacorporate S.p.A.
(21) 2023200782 (22) 13.02.2023
(54) Augment element for knee prosthesis
(62) 2021303431

(71) MAKO Surgical Corp.
(21) 2023200856 (22) 15.02.2023
(54) Systems and methods for preoperative planning and postoperative analysis of surgical procedures
(62) 2019396551

(71) Mallah, A.R.; Mohammed, M.H.; Alawi, O.
(21) 2023200837 (22) 15.02.2023
(54) Hybrid numerical/machine-learning algorithm for fast and accurate simulation of engineering systems

(71) Mayo Foundation for Medical Education and Research
(21) 2023200799 (22) 14.02.2023
(54) Hematologic cancer treatments
(62) 2017217881

(71) McElligott, T.
(21) 2023200733 (22) 10.02.2023
(54) A disconnectable pull action toggle clamp latch
(31) 2022900342 (32) 17.02.22 (33) AU

(71) MDM Enterprises, Inc.
(21) 2023200726 (22) 10.02.2023

(54) Improved Construction Tie for Securing U-Channels Vertically in Columns
(31) 63309957 (32) 14.02.22 (33) US
63343907 19.05.22 US

(71) Medtronic, Inc.
(21) 2023200870 (22) 16.02.2023
(54) Sensing evoked compound action potential (ECAP)
(31) 63/268,305 (32) 21.02.22 (33) US
18/161,499 30.01.23 US

(71) Merus N.V.
(21) 2023200779 (22) 13.02.2023
(54) TGF-beta-R11 binding proteins
(62) 2020412201

(71) Metso Outotec Finland Oy
(21) 2023200835 (22) 14.02.2023
(54) Releasable Fastener
(62) 2017260583

(71) Mettler-Toledo Safeline X-Ray Limited
(21) 2023200755 (22) 10.02.2023
(54) METHOD FOR HANDLING PRODUCT SETTINGS OF OPERATING PARAMETERS OF A PRODUCT INSPECTION SYSTEM, PRODUCT INSPECTION SYSTEM AND COMPUTER PROGRAM
(31) 22160718.7 (32) 08.03.22 (33) EP

Mitochon Pharmaceuticals, Inc. see BioVentures, LLC
(21) 2023200805

(71) Mitsubishi Heavy Industries, Ltd.
(21) 2023200809 (22) 14.02.2023
(54) Hydrogen production system
(31) 2022-051877 (32) 28.03.22 (33) JP

Mohammed, M.H. see Mallah, A.R.
(21) 2023200837

(71) Moller, J.; Guey, P.; Persaud, R.; Taylor, D.; Orcutt, C.
(21) 2023200881 (22) 16.02.2023
(54) NUCLEARIZED HOT ISOSTATIC PRESS
(62) 2017292861

(71) Monsanto Technology LLC
(21) 2023200861 (22) 15.02.2023
(54) LOW VOLATILITY HERBICIDAL COMPOSITIONS
(62) 2021200271

(71) MTD Products Inc
(21) 2023200827 (22) 14.02.2023
(54) UTILITY VEHICLE
(62) 2021201174

(71) MX Technologies, Inc.
(21) 2023200830 (22) 14.02.2023
(54) Data protection query interface
(62) 2021200435

(71) Newhaul Pty Ltd
(21) 2023200863 (22) 15.02.2023
(54) Heat Exchange System

(71) Nicoventures Trading Limited
(21) 2023200886 (22) 16.02.2023
(54) Device calibration and method
(62) 2019375079

(71) Novartis AG; The Trustees of the University of Pennsylvania
(21) 2023200884 (22) 16.02.2023
(54) Human mesothelin chimeric antigen receptors and uses thereof
(62) 2021203547

(71) Ocean Eye Lures Pty Ltd
(21) 2023200780 (22) 13.02.2023
(54) MODULAR FISHING LURE
(31) 2022900332 (32) 16.02.22 (33) AU

Orcutt, C. see Moller, J.
(21) 2023200881

(71) Otte, J.
(21) 2023200771 (22) 12.02.2023
(54) Hair wash basin

(71) Paradigm Fuels Pty Ltd
(21) 2023200794 (22) 13.02.2023
(54) A System for Generating and Using NOX Gases in an Algae Growth System

(71) Paratek Pharmaceuticals, Inc.
(21) 2023200798 (22) 14.02.2023
(54) Methods for treating and preventing C. difficile infection
(62) 2017238644

(71) PepsiCo, Inc.
(21) 2023200813 (22) 14.02.2023
(54) Lean Vending Machine
(62) 2022209207

Persaud, R. see Moller, J.
(21) 2023200881

(71) Pfizer Inc.
(21) 2023200842 (22) 15.02.2023
(54) 3-carbonylamino-5-cyclopentyl-1H-pyrazole compounds having inhibitory activity on CDK2
(62) 2020213761

Complete Applications Filed - Name Index cont'd

(71) Pickdelso Oy (21) 2023200836 (22) 14.02.2023 (54) Arrangement for towing cart into trunk (62) 2017283720	(54) TRAMPOLINE SCOOTERS (31) 17/675,658 (32) 18.02.22 (33) US	(54) Bracket for hanging receptacle (62) 2020250244
(71) Planet Earth Razors AB (21) 2023200919 (22) 16.02.2023 (54) Razor Cartridge Refurbishment (31) 17/689,795 (32) 08.03.22 (33) US	(71) Sapporo Medical University; Daiichi Sankyo Company, Limited (21) 2023200883 (22) 16.02.2023 (54) ANTI-TROP2 ANTIBODY-DRUG CONJUGATE (62) 2020202305	(71) Snap-on Incorporated (21) 2023200885 (22) 16.02.2023 (54) Joint press adapter (62) 2021212093
(71) Portola Pharmaceuticals, Inc. (21) 2023200825 (22) 14.02.2023 (54) Preparation of factor Xa derivatives (62) 2017283720	(71) Schneider Electric USA, Inc. (21) 2023200862 (22) 15.02.2023 (54) Energy management system and method (62) 2017201799	(71) Société des Produits Nestlé S.A. (21) 2023200788 (22) 13.02.2023 (54) Nutritional compositions for reducing intestinal pathogens (62) 2020244464
(71) Qualcomm Incorporated (21) 2023200756 (22) 10.02.2023 (54) CONSTRAINING MOTION VECTOR INFORMATION DERIVED BY DECODER-SIDE MOTION VECTOR DERIVATION (62) 2018237346	(71) Shanghai Linghuo Trading Co., Ltd. (21) 2023200865 (22) 15.02.2023 (54) SUPPORT DEVICE FOR SPRING AND VEHICLE HAVING THE SAME (31) 202221377346.X (32) 24.05.22 (33) CN	(71) Société des Produits Nestlé S.A. (21) 2023200816 (22) 14.02.2023 (54) Beverage composition useful in beverage capsules (62) 2017380872
(71) Qualcomm Incorporated (21) 2023200791 (22) 13.02.2023 (54) SCHEDULING AND TRANSMISSION SCHEME FOR PERIODIC AND APERIODIC CONTROL INFORMATION (62) 2018253265	(71) SharkNinja Operating LLC (21) 2023200845 (22) 15.02.2023 (54) VACUUM CLEANING DEVICE WITH FOLDABLE WAND TO PROVIDE STORAGE CONFIGURATION (62) 2020280983	(71) Southern Handling And Delivery, LLC (21) 2023200855 (22) 15.02.2023 (54) Adjustable Wrench (62) 2017263262
(71) Qualcomm Incorporated (21) 2023200848 (22) 15.02.2023 (54) UPLINK BEAM ASSIGNMENT (62) 2019222468	(71) Sharp Kabushiki Kaisha (21) 2023200699 (22) 09.02.2023 (54) User equipment, base station, and method (31) 2022-191854 (32) 30.11.22 (33) JP	(71) Stout Industrial Technology, Inc. (21) 2023200747 (22) 10.02.2023 (54) Machine vision plant tracking system for precision agriculture (31) 17/672,647 (32) 15.02.22 (33) US
(71) Quantum-Si Incorporated (21) 2023200860 (22) 15.02.2023 (54) Optical coupler and waveguide system (62) 2017377057	(71) Sharp Kabushiki Kaisha (21) 2023200703 (22) 09.02.2023 (54) Image decoding apparatus and image coding apparatus (31) 2022-153695 (32) 27.09.22 (33) JP	(71) Stryker Corporation (21) 2023200793 (22) 13.02.2023 (54) Surgical container with sensor module for monitoring the environment in the container (62) 2021201140
(71) Raphael, F. (21) 2023200708 (22) 09.02.2023 (54) FRESH PRODUCE STORAGE DEVICE (31) 2022900278 (32) 11.02.22 (33) AU	(71) Sharp Kabushiki Kaisha (21) 2023200706 (22) 09.02.2023 (54) User equipment, base station, and method (31) 2022-191853 (32) 30.11.22 (33) JP	(71) Sungrow Energy Storage Technology Co., Ltd (21) 2023200701 (22) 09.02.2023 (54) Energy storage system (31) 202220855691.3 (32) 14.04.22 (33) CN
(71) Reschke, D. (21) 2023200790 (22) 13.02.2023 (54) Product Authentication Code and System (62) 2020264369	(71) Sharp Kabushiki Kaisha (21) 2023200801 (22) 14.02.2023 (54) Terminal apparatus, method, and integrated circuit (31) 2022-175772 (32) 01.11.22 (33) JP	(71) Sungrow Power Supply Co., Ltd. (21) 2023200878 (22) 16.02.2023 (54) Method, apparatus and device for software testing, and compute-readable storage medium (31) 202210344223.4 (32) 02.04.22 (33) CN
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(71) Vorwerk & Co. Interholding GmbH
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(71) W. L. Gore & Associates, Inc.
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(71) Walker, R.
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(71) Wonderland Switzerland AG
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(21) 2023200864 (22) 15.02.2023
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2023200799	Mayo Foundation for Medical Education and Research	2023200868	Commonwealth Scientific and Industrial Research Organisation
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2023200801	Sharp Kabushiki Kaisha	2023200870	Medtronic, Inc.
2023200802	Sharp Kabushiki Kaisha		
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2023200872 Wonderland Switzerland AG
2023200873 The Regents of the University of Michigan
2023200874 The General Hospital Corporation
2023200875 Takeda GmbH; Takeda Pharmaceutical Company Limited
2023200876 Third Zeton IP Pty Ltd
2023200877 LG Electronics Inc.
2023200878 Sungrow Power Supply Co., Ltd.
2023200879 Fate Therapeutics, Inc.
2023200880 University of Massachusetts
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2023200882 APD Limited
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2023200910 Comb O&P
2023200915 Aquaterra Energy Limited
2023200918 JIANGNAN UNIVERSITY; Wuxi Haihe Equipment Technology Co., Ltd
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2023200920 CRISTAL AIR INTERNATIONAL LIMITED; Courtney, B.
2023200931 Instrumentation Laboratory Company
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Applications listed below were processed through the Patent Office Canberra during the period ending 21 Feb 2023 .
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

(71) DEEDS TECHNOLOGIES PTY LTD
(21) 2023100024 **(22)** 23.02.2023
(54) COMPUTER SYSTEMS AND COM-
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(62) PCT/AU2021/050962

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

- A Applications on which examination has not been requested or directed
- B Applications on which a direction to request examination has been given
- C Applications on which examination has been requested or on which an examination report has been issued
- D Applications which have been accepted or advertised accepted
- E Patents on which an examination has not been requested
- F Patents on which an examination has been requested or report issued
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 2018102206 (22E) 2018200642 (5C) 2018201105 (14)
 2018201748 (1B) 2018204690 (14) 2018214030 (4A)
 2018214051 (14) 2018214052 (4B) 2018214062 (4B)
 2018214063 (4B) 2018214070 (4C) 2018214071 (4B)
 2018214088 (4B) 2018214101 (4A) 2018214136 (4C)
 2018214145 (14) 2018214157 (4C) 2018216882 (14)
 2018217212 (4A) 2018217829 (5C) 2018227778 (5C)
 2018235936 (5C) 2018236249 (5C) 2018242130 (5C)
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 2018251941 (5C) 2018260905 (1B) 2018271308 (14)
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 2018314253 (14) 2018314833 (14) 2018316057 (14)
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 2018326753 (4B) 2018328768 (5C) 2018380928 (4B)
 2018411848 (1B) 2018412121 (1B) 2018412242 (1B)
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 2018436195 (4A) 2018436336 (4A) 2018436803 (4A)

2019

2019100879 (22E) 2019100887 (22E) 2019100889 (22E)
 2019200326 (1B) 2019200502 (1B) 2019200665 (14)
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2020100572 (22E) 2020101728 (22E) 2020101729 (22E)
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2021

2021200187 (5C) 2021200233 (5C) 2021200262 (5C)
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 2021203278 (5C) 2021203631 (4C) 2021204050 (4C)
 2021221537 (5CN) 2021250909 (4C) 2021274245 (12A)
 2021286364 (5C)

2022

2022100028 (21F) 2022259799 (12AN) 2022271463 (1B)
 2022275388 (1B) 2022275408 (7AN) 2022900453 (12AN)
 2022900512 (12AN) 2022900571 (12AN) 2022900599 (12AN)
 2022901761 (12AN)

2023

2023900413 (12AN)

Complete Specifications Treated as Provisional Specifications, Section 37

2022

Complete Specifications Treated as Provisional Specifications, Section 37

2022201549 **Lewin, K.** Provisional Number: 2022904046

Assignments before Grant, Section 113

2018

2018209762 **SUEZ GROUPE** The application has been assigned to **Suez International**

2018240375 **Ascendis Pharma A/S; Genentech, Inc.** The application has been assigned to **ASCENDIS PHARMA A/S**

2018293589 **Obermeyer, Henry** The application has been assigned to **BHE Turbomachinery, LLC**

2019

2019258585 **Simpori Pty Ltd; Maia de Cerqueira, Gustavo** The application has been assigned to **BiomeMega Pty Ltd**

2020

2020207051 **PhaseBio Pharmaceuticals, Inc.** The application has been assigned to **JI XING PHARMACEUTICALS HONG KONG LIMITED**

2020282371 **Obermeyer, Henry K.** The application has been assigned to **BHE Turbomachinery, LLC**

2020302077 **Tran, Dat; Selsted, Michael; Basso, Virginia; Schaal, Justin** The application has been assigned to **The University of Southern California**

2020302913 **Selsted, Michael; Schaal, Justin; Tran, Dat** The application has been assigned to **The University of Southern California**

2021

2021202043 **Vocalink Limited** The application has been assigned to **Vocalink International Limited**

2021203011 **Trudgett, Christopher** The application has been assigned to **Camps Worldwide Pty Limited**

2021203539 **Allshelter Holdings Pty Ltd** The application has been assigned to **ALLSHELTER RESERVES PTY LTD**

2021206549 **Evoxx Technologies GmbH** The application has been assigned to **Société des Produits Nestlé S.A.**

2021218029 **CORBETT III, Scott; STEINBERG, Stephen** The application has been assigned to **ENDOSOUND, INC**

2021297551 **Monash University; Baker Heart and Diabetes Institute** The application has been assigned to **Monash University**

2021307313 **Surgucheva, Anna; Surgucheva, Leonid** The application has been assigned to **Hydrogen Source AS**

Assignments before Grant, Section 113

2022

2022903090 **KOŁODZIEJCZYK, Bartłomiej; WINTHER-JENSEN, Bjorn** The application has been assigned to **ELEMENT ZERO PTY LIMITED**

2022903744 **KOŁODZIEJCZYK, Bartłomiej** The application has been assigned to **PROTON SYSTEMS PTY LIMITED**

2023

2023900321 **Crews, Terry** The application has been assigned to **Gabriel USA 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.

2013

2013318585 **Seldner, J.** An application to extend the time from 01 Aug 2022 to 01 Mar 2023 in which to pay a renewal fee has been filed . Address for service - LAMINAR IP PTY LTD PO Box 599 Milsons Point NSW 1565 AU

2018

2018297986 **Stoller Enterprises, Inc.** An application to extend the time from 02 Jul 2022 to 02 Feb 2023 in which to pay a continuation fee has been filed . Address for service - Davies Collison Cave Pty Ltd Level 14 255 Elizabeth St Sydney NSW 2000 AU

2020

2020339220 **DAVID, Liviu** An application to extend the time from 27 Mar 2022 to 27 Jan 2023 in which to enter the National Phase has been filed . Address for service - Liviu David 37 Finisterre Ave Whalan NSW 2770 AU

2020372988 **AMICUS THERAPEUTICS, INC.** An application to extend the time from 30 May 2022 to 28 Feb 2023 in which to enter the National Phase has been filed . Address for service - Dark IP PO BOX 2416 Fortitude Valley BC QLD 4006 AU

2021

2021201967 **Collectis** An application to extend the time from 13 May 2022 to 13 Dec 2022 in which to pay a continuation fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2022

2022100046 **BVN Architecture Pty Ltd** An application to extend the time from 29 Jul 2022 to 28 Feb 2023 in which to pay a renewal fee has been filed . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2022100049 **Zimi Innovations Pty Ltd** An application to extend the time from 23 Jul 2022 to 23 Feb 2023 in which to pay a renewal fee has been filed . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

Extensions of Time, Section 223**Applications Allowed - Section 223(2)****2009**

2009356961 **Jubilent Global Limited** The time in which to pay a renewal fee has been extended to 14 Oct 2022 . Address for service - Norman Ohi P.O. Box 276 Maryborough QLD 4650 AU

2018

2018222073 **Shanghai Institute of Materia Medica, Chinese Academy of Sciences** The time in which to pay a renewal fee has been extended to 12 Nov 2022 . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

2019

2019223049 **Aelis Farma; INSERM (Institut National de la Santé et de la Recherche Médicale); Université de Bordeaux** The time in which to request examination has been extended to 22 Feb 2023 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2021

2021216417 **HEALTHALL LABORATORY, INC.** The time in which to enter the National Phase has been extended to 07 Nov 2022 . Address for service - PHILLIPS ORMONDE FITZPATRICK PO Box 323 COLLINS STREET WEST VIC 8007 AU

2022

2022263553 **Acres Technology** The time in which to request examination has been extended to 28 Feb 2023 . Address for service - Golja Haines & Friend PO Box 1014 South Perth WA 6951 AU

2023

2023200131 **ENSIGN INFOSECURITY PTE. LTD.** The time in which to claim the convention priority date has been filed 14 Jan 2023 . Address for service - MINTER ELLISON Governor Macquarie Tower 1 Farrer Pl Sydney NSW 2000 AU

2023200499 **Research Institute at Nationwide Children's Hospital** The time in which to make a further application for a divisional patent has been extended to 27 Feb 2023 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

Amendments**Applications for Amendment**

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

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

2014

2014343506 Anti-inflammatory solution comprising sodium hypochlorite **Hypo-Stream Limited** The nature of the amendment is as

Amendments

shown in the statement(s) filed 21 Feb 2023 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2016

2016248056 Crystalline FGFR4 inhibitor compound and uses thereof **Eisai R&D Management Co., Ltd.** The nature of the amendment is: Amend the name of the inventor to add inventor/s Ming-Hong HAO; Dominic REYNOLDS; Sudeep PRAJAPATI; Anand SELVARAJ; Takashi SATOH; and John WANG . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2016304764 Antigen binding constructs to target molecules **ImaginAb, Inc.** The nature of the amendment is as shown in the statement(s) filed 07 Feb 2023 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2017

2017244116 Modified wound dressings **ConvaTec Technologies Inc.** The nature of the amendment is as shown in the statement(s) filed 16 Feb 2023 . Address for service - Houlihan Intellectual Property Pty Ltd 832 High St Kew East VIC 3102 AU

2018

2018328102 Intramedullary threaded nail for radial cortical fixation **ExsoMed Corporation** The nature of the amendment is as shown in the statement(s) filed 22 Feb 2023 . Address for service - FB Rice Pty Ltd Level 23 44 Market Street SYDNEY NSW 2000 AU

2019

2019327459 Multiple charged ionic compounds derived from polyamines and compositions thereof and use thereof as reverse emulsion breakers in oil and gas operations **Ecolab USA Inc.** The nature of the amendment is as shown in the statement(s) filed 31 Jan 2023 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2020

2020256427 TRAPEZOIDAL RIB MOUNTING BRACKET WITH FLEXIBLE LEGS **RMH Tech LLC** The nature of the amendment is as shown in the statement(s) filed 22 Feb 2023 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2021

2021201321 Preparation and/or formulation of proteins cross-linked with polysaccharides **Allergan Pharmaceuticals International Limited** The nature of the amendment is as shown in the statement(s) filed 17 Feb 2023 . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

Amendments Made**2014**

2014221303 **CSR Building Products Limited** The nature of the amendment is as shown in the statement filed 04 Nov 2022

2017

2017210347 **Berreny Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 31 Oct 2022

Amendments

2017218968 **TNBT Holdings Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2017101941

2017281835 **Carruthers, P.** The nature of the amendment is as shown in the statement(s) filed 29 Nov 2022

2017286129 **Apple Inc.** The nature of the amendment is: Amend the name of the inventor to read Coffman, Patrick L.; Behzadi, Arian; Foss, Christopher Patrick; Irani, Cyrus Daniel; Kawashima, Ieyuki; Lemay, Stephen O.; Soli, Christopher D. and Wilson, Christopher

2017387638 **Xactware Solutions, Inc.** The nature of the amendment is as shown in the statement(s) filed 24 Nov 2022

2019

2019214497 **CMR Surgical Limited** The nature of the amendment is: Amend the name of the inventor to read GRANT, James Oliver; MARSHALL, Keith and MCBRIEN, Dominic Martin

2019264145 **Suncor Energy Inc.** The nature of the amendment is: Amend the name of the inventor to read FEFER, Michael; LIU, Jun; NG, Kenneth; TERAZONO, Yuichi; TESHLEER, Inna; CKURSHUMOVA, Wenzhi and NASH, Brady

2020

2020203013 **Tuffstuff International Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2020104489

2020217458 **Apple Inc.** The nature of the amendment is: Amend the name of the inventor to read COFFMAN, Patrick L.; BEHZADI, Arian; FOSS, Christopher Patrick; IRANI, Cyrus Daniel; KAWASHIMA, Ieyuki; LEMAY, Stephen O.; SOLI, Christopher D. and WILSON, Christopher

2020225653 **Promaxo, Inc.** The nature of the amendment is: Amend the name of the inventor to read NACEV, Aleksandar; GUISSADO, Jose Miguel Algarin; MALIK, Pulkit; DONG, Hongli; DE MATOS GOMES, Muller Francis; ATHIVEERA RAMA PANDIAN, Sabareish; KUMAR, Dinesh; NOLTE, John and NARAYANAN, Ram

2020259143 **Sorbonne Universite; Centre National de la Recherche Scientifique; Assistance Publique Hopitaux de Paris; Buck Institute for Research on Aging** The nature of the amendment is: Amend the name of the inventor to read NERI, Christian; FARINA, Francesca; VOISIN, Jessica; ELLERBY, Lisa and DANCOURT, Julia

2020290579 **Dana-Farber Cancer Institute, Inc.** The nature of the amendment is as shown in the statement(s) filed 23 Dec 2022 and 03 Feb 2023

2020391939 **Chiesi Farmaceutici S.p.A.** The nature of the amendment is: Amend the name of the inventor to read TWEEDIE, Alan; MITCHELL, Colin; SANDERS, Alan; HEIDT, Andrew T.; SZARKA, György and COCIU, Bogdan-Alexandru

2020418169 **Sakura Finetek U.S.A., Inc.** The nature of the amendment is: Amend the name of a co-inventor to read YANG, Hwai-Jyh Michael

Amendments

2020451729 **China Railway Baoji Bridge Group Co., Ltd** The nature of the amendment is as shown in the statement filed 29 Dec 2022

2020459888 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read COMMUNICATION METHOD APPLIED TO INTEGRATED ACCESS AND BACKHAUL IAB SYSTEM AND COMMUNICATION APPARATUS

2021

2021201826 **Sleep Number Corporation** The nature of the amendment is as shown in the statement(s) filed 24 Nov 2022

2021202800 **Masimo Corporation** The nature of the amendment is: Amend the name of the inventor to read Al-Ali, Ammar and Forrest, Kevin

2021203541 **Westinghouse Air Brake Technologies Corporation** The nature of the amendment is: Amend the name of the inventor to read Boffelli, Roberto and Carvalho, José Manuel Saraiva

2021266339 **Woodside Energy Technologies Pty Ltd** The nature of the amendment is: Amend the name of the inventor to read O'Rourke, Shannon

2021288876 **JFE Steel Corporation** The nature of the amendment is: Amend the invention title to read Hardness prediction method of heat hardened rail, thermal treatment method, hardness prediction device, thermal treatment device, manufacturing method, manufacturing facilities, and generating method of hardness prediction model

2021293105 **Derrick Corporation** The nature of the amendment is: Amend the name of the inventor to read COLGROVE, James R.; WOJCIECHOWSKI, Keith and DEMAY, Alex

2021297197 **ResMed Pty Ltd** The nature of the amendment is: Amend the name of a co-inventor to read Vuong Salameh, My Hong

2021298391 **Panasonic Intellectual Property Management Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 19 Dec 2022

2021301545 **Kobayashi Pharmaceutical Co., Ltd.** The nature of the amendment is: Amend the invention title to read Auricle heating device

2021301939 **Shenyang Sinochem Agrochemicals R&D Co., Ltd.; Jiangsu Yangnong Chemical Co., Ltd.** The nature of the amendment is: Amend the invention title to read METHOD FOR PREPARING INTERMEDIATE OF URACIL COMPOUND CONTAINING ISOXAZOLINE

2021307447 **University of Rochester** The nature of the amendment is: Amend the invention title to read Targeted RNA cleavage with dCas13-RNase fusion proteins

2021310482 **J.W. Speaker Corporation** The nature of the amendment is: Amend the invention title to read BI-FUNCTIONAL HEADLAMP FOR A VEHICLE

2021315210 **Chugai Seiyaku Kabushiki Kaisha; F. Hoffmann - La Roche AG** The nature of the amendment is: Amend the invention title

Amendments

to read Prefilled syringe formulation with needle with needle shield containing novel modified antibody

2021317082 **Haulotte Group** The nature of the amendment is: Amend the invention title to read REMOVABLE DEVICE LOCKABLE IN A DEDICATED LOCATION OF A MACHINE

2021319645 **Vivo Mobile Communication Co., Ltd.** The nature of the amendment is: Amend the invention title to read Multicast Service Receiving Method, Multicast Service Configuration Method, Terminal, and Network-Side Device

2021321909 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read INDIVIDUALLY AD-DRESSED TRAFFIC INDICATION METHOD APPLICABLE TO MULTIPLE LINKS AND RELATED APPARATUS

2021324263 **Modus One GmbH** The nature of the amendment is: Amend the invention title to read TRANSPORT CART AND METHOD FOR TRANSFORMING A TRANSPORT CART

2021331833 **Lumus Ltd.** The nature of the amendment is: Amend the invention title to read Optical system for two-dimensional expansion of an image reducing glints and ghosts from the waveguide

2021357619 **Komatsu Ltd.** The nature of the amendment is: Amend the invention title to read Ripper point attachment structure and ripper point

2021371455 **Servicios Acuícolas Salmoclinic Spa** The nature of the amendment is: Amend the invention title to read CONTINUOUS IN-SITU THERAPEUTIC TREATMENT SYSTEM FOR FISH IN FRESH-WATER, FROM SEAWATER

2021384232 **Mofidi, M.** The nature of the amendment is: Amend the name of the inventor to read Mofid, Mehrdad Mark

2021384232 **Mofidi, M.** The nature of the amendment is: Amend the name of the inventor to read Mofidi, Mehrdad Mark

2022

2022201488 **Icahn School of Medicine at Mount Sinai** The nature of the amendment is: Amend the name of the inventor to read Jin, Jian; Parsons, Ramon; Stratikopoulos, Illias; Yang, Xiaobao and Ma, Anqi

2022202977 **Apple Inc.** The nature of the amendment is: Add the names co-inventor BACHMAN, Chandler S.; CANAVAN, Kristin M.; CHAN, Joseph Y.; CORMICAN, Neil P.; DRELL, Brian R.; DYE, Alan C.; FAN, Hanwen; FELTON, Nicholas D.; GILRAVI, Eamon F.; HAGLUNDS, Anders K.; LAREAU, Brett L.; LEMAY, Stephen O.; LYNCH, Kevin; MC-ATEE, Kevin Tyler; PANESAR, Parry; PARK, Dennis S.; PATANKAR, Aalhad R.; PATTON, Jennifer D.; PEDERSEN, Emily; RUANGCHAN, Danvin; SANDERS, Christopher John; SUNDSTROM, Matthew J.; TANG, Jeff; VALENCIA PAZ, Eduardo; WHITE, Brady J.; WILLIAMS, Aled Hywel; WOOD Jr., Policarpo Bonilla and YOUNG., Nealon

2022267542 **Hunan Taohuaijiang Bamboo Science & Technology Co., Ltd.** The nature of the amendment is: Amend the invention title to read RECONSTITUTED BAMBOO BOARD INTEGRATING EM-BOSSSED TEXTURE DECORATION AND PROTECTIVE FUNCTIONS

Amendments

2022291533 **Burrell, A.I.** The nature of the amendment is: Amend the divisional priority details to read PCT/AU2022/050707

2023

2023200509 **Atom Jet Industries (2002) Ltd.** The nature of the amendment is: Amend the name of the inventor to read Lagarde, Noel; Groening, Ryan and Somersall, Wylie

2023200597 **BXB Digital Pty Limited** The nature of the amendment is: Amend the invention title to read SYSTEMS AND METHODS FOR TRACKING GOODS CARRIERS

2023200618 **Sharp Kabushiki Kaisha** The nature of the amendment is: Amend the invention title to read Systems and methods for end-to-end feature compression in coding of multi-dimensional data

2023200624 **Globeride, Inc.** The nature of the amendment is: Amend the priority details to read 2022-057881 31 Mar 2022 JP

Alteration of Name(s) of Applicant(s)/Patentee(s)**2004**

2004261626 PeroxyChem LLC The name of the patentee has been altered to **EVONIK ACTIVE OXYGENS, LLC**

2005

2005216224 PeroxyChem LLC The name of the patentee has been altered to **EVONIK ACTIVE OXYGENS, LLC**

2005318938 Admedus Regen Pty Ltd The name of the patentee has been altered to **Anteris Aus Operations Pty Ltd**

2009

2009283543 Hitachi Chemical Company, Ltd. The name of the patentee has been altered to **Resonac Corporation**

2009283544 Hitachi Chemical Company, Ltd. The name of the patentee has been altered to **Resonac Corporation**

2010

2010214432 Hitachi Chemical Company, Ltd. The name of the patentee has been altered to **Resonac Corporation**

2011

2011211114 Hitachi Chemical Company, Ltd. The name of the patentee has been altered to **Resonac Corporation**

2011211121 Hitachi Chemical Company, Ltd. The name of the patentee has been altered to **Resonac Corporation**

2012

2012334826 Admedus Regen Pty Ltd The name of the patentee has been altered to **Anteris Aus Operations Pty Ltd**

2013

2013245619 Viscon B.V. The name of the patentee has been altered to **Viscon Group Holding B.V.**

Amendments

2013360022 NewSouth Innovations Pty Limited The name of the patentee has been altered to **NewSouth Innovations Pty Limited; The Australian National University; The University of Melbourne**

2016

2016204532 PeroxyChem LLC The name of the patentee has been altered to **EVONIK ACTIVE OXYGENS, LLC**

2016365585 Fraundorfer Aeronautics AG The name of the patentee has been altered to **Tensor AG**

2017

2017317864 Nanjing Transthera Biosciences Co. Ltd. The name of the patentee has been altered to **TransThera Sciences (Nanjing), Inc.**

2017376353 Nanjing Transthera Biosciences Co. Ltd. The name of the patentee has been altered to **TransThera Sciences (Nanjing), Inc.**

2018

2018340475 Nanjing Transthera Biosciences Co., Ltd. The name of the applicant has been altered to **TransThera Sciences (Nanjing), Inc.**

2019

2019348752 Nanjing Transthera Biosciences Co., Ltd. The name of the applicant has been altered to **TransThera Sciences (Nanjing), Inc.**

2019403903 Grace Therapeutics Inc. The name of the applicant has been altered to **Acasti Pharma U.S., Inc.**

2020

2020100646 Hitachi Chemical Company, Ltd. The name of the patentee has been altered to **Resonac Corporation**

2020210203 Darktrace Limited The name of the applicant has been altered to **Darktrace Holdings Limited**

2020453916 Case Western Reserve University The name of the applicant has been altered to **Case Western Reserve University**

2021

2021268369 Curtin University of Technology The name of the applicant has been altered to **Curtin University**

2021305654 Progenics Pharmaceutical, Inc The name of the applicant has been altered to **Progenics Pharmaceuticals, Inc**

2021384232 Mehrdad Mark Mofidi The name of the applicant has been altered to **Mofid, M.**

2021456512 Brainvta (Wuhan) Co., Ltd The name of the applicant has been altered to **Genevoyager (Wuhan) Co., Ltd.**

2021456513 Brainvta (Wuhan) Co., Ltd The name of the applicant has been altered to **Genevoyager (Wuhan) Co., Ltd.**

Amendments**2022**

2022291581 Daon Holdings Limited The name of the applicant has been altered to **Daon Enterprises Limited**

2023

2023200689 REFLEX INSTRUMENTS ASIA PACIFIC PTY LTD The name of the applicant has been altered to **Index Technologies Pty Ltd**

2023900332 Latin, Fabrizio The name of the applicant has been altered to **Cloud Burst Software Pty Ltd**

Applications Open to Public Inspection

Name Index

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

(71) 4D Molecular Therapeutics Inc.
 (11) AU-A-2023200818
 (21) 2023200818 (22) 14.02.2023
 (54) Codon Optimized GLA Genes And Uses Thereof
 (51) Int. Cl.
A61K 35/761 (2015.01)
A61K 38/47 (2006.01)
A61K 48/00 (2006.01)
 (43) 09.03.2023
 (62) 2021263563
 (72) KIRN, David H.; KOTTERMAN, Melissa; FRANCIS, Peter; SCHAFFER, David; SZYMANSKI, Paul; WHITTLESEY, Kevin
 (74) WRAYS PTY LTD

(71) Acer Incorporated
 (11) AU-A-2022209323
 (21) 2022209323 (22) 28.07.2022
 (54) DEVICE AND METHOD OF HANDLING A HANDOVER
 (51) Int. Cl.
H04W 36/30 (2009.01)
H04W 8/02 (2009.01)
H04W 36/14 (2009.01)
H04W 36/38 (2009.01)
H04W 48/18 (2009.01)
H04W 76/18 (2018.01)
 (31) 17/873,121 (32) 25.07.22 (33) US
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 (43) 09.03.2023
 (72) LIN, Jung-Mao
 (74) Griffith Hack

(71) Advanced Drilling Tools Pty Ltd
 (11) AU-A-2021218225
 (21) 2021218225 (22) 20.08.2021
 (54) BOREHOLE CASING SYSTEM AND METHOD
 (51) Int. Cl.
E21B 7/20 (2006.01)
E21B 17/08 (2006.01)
E21B 17/14 (2006.01)
E21B 33/127 (2006.01)
E21B 33/128 (2006.01)
E21B 1/32 (2006.01)
E21B 1/36 (2006.01)
E21B 10/06 (2006.01)
E21B 10/18 (2006.01)
E21B 10/24 (2006.01)
E21B 10/25 (2006.01)
E21B 23/04 (2006.01)
E21B 23/08 (2006.01)
 (43) 09.03.2023
 (72) Swick, Randal
 (74) Integrated IP

(71) Advanced Drilling Tools Pty Ltd
 (11) AU-A-2021218229
 (21) 2021218229 (22) 20.08.2021
 (54) Casing Installation System and Method
 (51) Int. Cl.
E21B 17/08 (2006.01)
E21B 17/10 (2006.01)
E21B 17/14 (2006.01)
 (43) 09.03.2023
 (72) Swick, Randal
 (74) Integrated IP

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 (11) AU-A-2022202807
 (21) 2022202807 (22) 28.04.2022
 (54) Preparation method of cathode material for secondary battery
 (51) Int. Cl.
H01M 4/587 (2010.01)
H01B 1/02 (2006.01)
H01M 4/04 (2006.01)
 (31) 110130344 (32) 17.08.21 (33) TW
 (43) 09.03.2023
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 (74) Spruson & Ferguson

(71) AdvanSix Resins & Chemicals LLC
 (11) AU-A-2023200582
 (21) 2023200582 (22) 03.02.2023
 (54) Methods and compositions for polyurethane dispersions using caprolactam-derived solvents
 (51) Int. Cl.
C08G 18/48 (2006.01)
C08G 18/08 (2006.01)
C08G 18/10 (2006.01)
C08G 18/76 (2006.01)
C08G 18/79 (2006.01)
C08G 18/80 (2006.01)
 (43) 09.03.2023
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 (72) Asirvatham, Edward; De Lame, Céline; Flores-Vasquez, Jaime
 (74) Davies Collison Cave Pty Ltd

(71) AiCuris GmbH & Co. KG
 (11) AU-A-2023200773
 (21) 2023200773 (22) 13.02.2023
 (54) A maleate salt of the free base of N-[5-(aminosulfonyl)-4-methyl-1,3-thiazol-2-yl]-N-methyl-2-[4-(2-pyridinyl)-phenyl]-acetamide, pharmaceutical formulations, methods of manufacture and uses thereof for the treatment of herpes viruses
 (51) Int. Cl.
C07D 417/12 (2006.01)
A61K 31/4427 (2006.01)
A61P 31/22 (2006.01)

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 (62) 2022200409
 (72) Bachhav, Yogeshwar; Schwab, Wilfried; Birkmann, Alexander; Bonsmann, Susanne; Goldner, Thomas
 (74) Davies Collison Cave Pty Ltd

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 (11) AU-A-2022218454
 (21) 2022218454 (22) 15.08.2022
 (54) PROCESS FOR H2 AND SYNGAS PRODUCTION
 (51) Int. Cl.
C01B 32/40 (2017.01)
C01B 3/34 (2006.01)
C10K 3/04 (2006.01)
F25J 3/02 (2006.01)
 (31) 17/407,422 (32) 20.08.21 (33) US
 (43) 09.03.2023
 (72) Peng, Xiang-Dong; Zhang, Yu; Courtney, Tori Dawn
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Air Products and Chemicals, Inc.
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 (54) PROCESS FOR H2 AND SYNGAS PRODUCTION
 (51) Int. Cl.
C01B 32/40 (2017.01)
C01B 3/34 (2006.01)
C10K 3/04 (2006.01)
F25J 3/02 (2006.01)
 (31) 17/407,434 (32) 20.08.21 (33) US
 (43) 09.03.2023
 (72) Peng, Xiang-Dong; Chan, Henry Choison; Aguilar, Kelly Danielle; Yan, Shihong; Zhou, Qiong; Gowda, Shylaja
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Allegro Pharmaceuticals, Inc.
 (11) AU-A-2023200742
 (21) 2023200742 (22) 10.02.2023
 (54) INTEGRIN RECEPTOR ANTAGONISTS AND THEIR METHODS OF USE
 (51) Int. Cl.
A61K 38/00 (2006.01)
 (43) 09.03.2023
 (62) 2020250268
 (72) Mackel, Michael John; Park, John Y.; Karageozian, Hampar L.; Karageozian, Vicken H.
 (74) Davies Collison Cave Pty Ltd

(71) Amarin Pharmaceuticals Ireland Limited
 (11) AU-A-2023200781
 (21) 2023200781 (22) 13.02.2023

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 (51) Int. Cl.
A61K 31/232 (2006.01)
A61K 45/06 (2006.01)
A61K 47/06 (2006.01)
 (43) 09.03.2023
 (62) 2019349563
 (72) SONI, Paresh
 (74) Spruson & Ferguson

(71) Amarin Pharmaceuticals Ireland Limited
 (11) AU-A-2023200783
 (21) 2023200783 (22) 13.02.2023
 (54) Methods of reducing the risk of cardiovascular events in a subject
 (51) Int. Cl.
A61K 31/232 (2006.01)
A61K 45/06 (2006.01)
A61K 47/06 (2006.01)
 (43) 09.03.2023
 (62) 2019349563
 (72) SONI, Paresh
 (74) Spruson & Ferguson

(71) Amarin Pharmaceuticals Ireland Limited
 (11) AU-A-2023200784
 (21) 2023200784 (22) 13.02.2023
 (54) Methods of reducing the risk of cardiovascular events in a subject
 (51) Int. Cl.
A61K 31/232 (2006.01)
A61K 45/06 (2006.01)
A61K 47/06 (2006.01)
 (43) 09.03.2023
 (62) 2019349563
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 (74) Spruson & Ferguson

(71) Amarin Pharmaceuticals Ireland Limited
 (11) AU-A-2023200785
 (21) 2023200785 (22) 13.02.2023
 (54) Methods of reducing the risk of cardiovascular events in a subject
 (51) Int. Cl.
A61K 31/232 (2006.01)
A61K 45/06 (2006.01)
A61K 47/06 (2006.01)
 (43) 09.03.2023
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 (72) SONI, Paresh
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(71) AME Pty Ltd
 (11) AU-A-2023200587
 (21) 2023200587 (22) 03.02.2023
 (54) Compensated Elevator Link
 (51) Int. Cl.
E21B 19/09 (2006.01)
B66C 13/10 (2006.01)
 (43) 09.03.2023
 (62) 2020277248
 (72) Cree, David; Wright, Jonathan; Semmens, Kayne
 (74) Golja Haines & Friend

(71) Amgen Inc.
 (11) AU-A-2023200660
 (21) 2023200660 (22) 08.02.2023
 (54) Direct selection of cells expressing high levels of heteromeric proteins using glutamine synthetase intragenic complementation vectors
 (51) Int. Cl.
C12N 15/65 (2006.01)
C12N 15/67 (2006.01)
 (43) 09.03.2023
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 (74) Spruson & Ferguson

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 (11) AU-A-2023200607
 (21) 2023200607 (22) 06.02.2023
 (54) User interface for camera effects
 (51) Int. Cl.
G03B 19/22 (2021.01)
G06F 3/0484 (2022.01)
G06F 3/0488 (2022.01)
 (43) 09.03.2023
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 (72) Manzari, Behkish J.; Pivonka, Pavel; Dye, Alan C.; Lemay, Stephen O.; Bereza, Marek; Preston, Daniel Trent; Brasket, Jeffrey A.
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
 (11) AU-A-2023200732
 (21) 2023200732 (22) 10.02.2023
 (54) Adaptive transfer function for video encoding and decoding
 (51) Int. Cl.
H04N 19/124 (2014.01)
H04N 19/154 (2014.01)
H04N 19/17 (2014.01)
H04N 19/98 (2014.01)
 (43) 09.03.2023
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 (72) Tourapis, Alexis; Singer, David
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
 (11) AU-A-2023200797
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 (54) Image data for enhanced user interactions
 (51) Int. Cl.
G06F 3/01 (2006.01)
G06F 3/048 (2013.01)
G06F 21/32 (2013.01)
G06F 21/60 (2013.01)
G06K 9/00 (2022.01)
H04N 5/232 (2006.01)
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 (11) AU-A-2023200803
 (21) 2023200803 (22) 14.02.2023
 (54) Maintaining context information between user interactions with a voice assistant
 (51) Int. Cl.
G06Q 10/00 (2023.01)
 (43) 09.03.2023
 (62) 2021202350
 (72) Cheyer, Adam John; Guzzoni, Dider Rene; Gruber, Thomas Robert; Brigham, Christopher Dean; Kittlaus, Dag
 (74) FPA Patent Attorneys Pty Ltd

(71) Applied Medical Resources Corporation
 (11) AU-A-2023200646
 (21) 2023200646 (22) 07.02.2023
 (54) Surgical stapler having locking articulation joint
 (51) Int. Cl.
A61B 17/072 (2006.01)
 (43) 09.03.2023
 (62) 2021200206
 (72) DECKER, Steven E.; PATEL, Atal C.; NELSON, Erik
 (74) Griffith Hack

(71) Argenta Manufacturing Limited; WIN, S.; DEVARAJ, G.
 (11) AU-A-2023200668
 (21) 2023200668 (22) 08.02.2023
 (54) Chewable formulation
 (51) Int. Cl.
A61K 47/00 (2006.01)
 (43) 09.03.2023
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 (72) WIN, Su; DEVARAJ, Gopinath; CLEVERLY, Douglas Robert; GILL, David Anthony; DAVIES, Keryn; AGARWAL, Priyanka
 (74) Dentons Patent Attorneys Australasia Limited

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 (54) DYNAMICALLY COMPUTING PROGRESSIVE FEATURE PARAMETERS FOR SELECTABLE VOLATILITY PICK OPTIONS IN RANDOM-BASED OUTCOME GAMES
 (51) Int. Cl.
G07F 17/32 (2006.01)
 (31) 17/710,441 (32) 31.03.22 (33) US
 63/236,197 23.08.21 US
 (43) 09.03.2023
 (72) ENGLMAN, Allon; DELEKTA, Scott
 (74) Griffith Hack

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 (11) AU-A-2023200223
 (21) 2023200223 (22) 17.01.2023

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(51) Int. Cl.
A63F 13/45 (2014.01)
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(62) 2020264417
(72) MARKS, Daniel
(74) Griffith Hack
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- (71) ASPIRING MATERIALS LIMITED
(11) AU-A-2021229168
(21) 2021229168 (22) 08.09.2021
(54) Magnesium Silicate Processing
(51) Int. Cl.
C25B 1/20 (2006.01)
C01B 33/187 (2006.01)
C01F 5/08 (2006.01)
C04B 9/11 (2006.01)
C04B 28/24 (2006.01)
C22B 3/06 (2006.01)
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(43) 09.03.2023
(72) SCOTT, Allan Charles Nye; OZE, Christopher John-Paul
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- (71) Aurora Operations, Inc.
(11) AU-A-2023200838
(21) 2023200838 (22) 15.02.2023
(54) SYSTEMS AND METHODS FOR PULSED-WAVE LIDAR
(51) Int. Cl.
G01S 17/10 (2020.01)
G01S 17/931 (2020.01)
G08G 1/16 (2006.01)
(43) 09.03.2023
(62) 2021299239
(72) BARBER, Zeb; REIBEL, Randy; BAKER, Devlin; KADLEC, Emil
(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
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- (71) Australian Scaffold & Access Pty Ltd
(11) AU-A-2022218631
(21) 2022218631 (22) 19.08.2022
(54) Scaffolding system
(51) Int. Cl.
E04G 7/26 (2006.01)
E04G 7/02 (2006.01)
E04G 7/06 (2006.01)
E04G 7/24 (2006.01)
E04G 7/30 (2006.01)
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(72) BUTLIN, Scott; BUTLIN, Daniel
(74) GLMR
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(11) AU-A-2023200745
(21) 2023200745 (22) 10.02.2023
(54) Methods And Apparatus For A Conducted Electrical Weapon
(51) Int. Cl.
F41H 13/00 (2006.01)
F41B 15/00 (2006.01)
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(72) HANDEL, Stephen D.; BRUNDULA, Steven N. D.; NERHEIM, Magne H.
(74) WRAYS PTY LTD
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(11) AU-A-2023200753
(21) 2023200753 (22) 10.02.2023
(54) SYSTEM AND METHOD FOR PERFORMING ALTERNATIVE AND SEQUENTIAL BLOOD AND PERITONEAL DIALYSIS MODALITIES
(51) Int. Cl.
A61M 1/14 (2006.01)
A61M 1/16 (2006.01)
A61M 1/28 (2006.01)
(43) 09.03.2023
(62) 2021240147
(72) ROHDE, Justin Belanger; MINKUS, Marc Steven
(74) Maxwells Patent & Trade Mark Attorneys Pty Ltd
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(21) 2023200753
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- (71) Bear Archery, Inc.
(11) AU-A-2022218484
(21) 2022218484 (22) 16.08.2022
(54) BOW STABILIZERS WITH MAGNETIC DAMPING
(51) Int. Cl.
F41B 5/20 (2006.01)
F16F 15/03 (2006.01)
F16F 15/28 (2006.01)
(31) 17/445,634 (32) 23.08.21 (33) US
(43) 09.03.2023
(72) Keeney, Sean; Alsip, David; Mogle, James
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71) BEA SA
(11) AU-A-2023200722
(21) 2023200722 (22) 09.02.2023
(54) METHOD OF HUMAN BODY RECOGNITION AND HUMAN BODY RECOGNITION SENSOR
(51) Int. Cl.
G01S 17/42 (2006.01)
G01S 7/48 (2006.01)
G01S 17/88 (2006.01)
G06K 9/00 (2022.01)
(43) 09.03.2023
(62) 2018251941
(72) Radermecker, Gautier
(74) Krouzer IP
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(11) AU-A-2023200723
(21) 2023200723 (22) 09.02.2023
(54) SENSOR FOR CONTROLLING AN AUTOMATIC DOOR
(51) Int. Cl.
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- G01S 17/42** (2006.01)
E05F 15/43 (2015.01)
G01S 7/48 (2006.01)
G01S 17/88 (2006.01)
(43) 09.03.2023
(62) 2018253351
(72) Radermecker, Gautier
(74) Krouzer IP
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- (71) Becton, Dickinson and Company
(11) AU-A-2023200777
(21) 2023200777 (22) 13.02.2023
(54) Method and apparatus for wetting internal fluid path surfaces of a fluid port to increase ultrasonic signal transmission
(51) Int. Cl.
A61M 5/14 (2006.01)
A61M 5/145 (2006.01)
A61M 5/168 (2006.01)
A61M 5/172 (2006.01)
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(74) FB Rice Pty Ltd
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- (71) Berkshire Renewable Energy Pty Ltd
(11) AU-A-2021221405
(21) 2021221405 (22) 23.08.2021
(54) APPARATUS FOR DEPLOYING AND REMOVING A SUBMERSIBLE PUMP TO AND FROM A BOREHOLE
(51) Int. Cl.
E21B 19/22 (2006.01)
B65H 49/26 (2006.01)
B65H 75/34 (2006.01)
E21B 19/10 (2006.01)
E21B 17/00 (2006.01)
(43) 09.03.2023
(72) Grace, Arthur; Sharpe, Lachlan
(74) Mann IP
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- (71) Best Masonry Bricks & Pavers Pty Ltd
(11) AU-A-2022218561
(21) 2022218561 (22) 18.08.2022
(54) Retaining Wall System and Blocks for Building the Retaining Wall
(51) Int. Cl.
E02D 29/02 (2006.01)
E02D 5/20 (2006.01)
E04C 1/39 (2006.01)
(31) 2021902581 (32) 18.08.21 (33) AU
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(72) Rinaldo, Domenico
(74) LESICAR MAYNARD ANDREWS PTY LTD
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(11) AU-A-2022206708
(21) 2022206708 (22) 18.07.2022
(54) Methods For Increasing Powdery Mildew Resistance In Cannabis
(51) Int. Cl.
C12N 15/82 (2006.01)
A01H 6/28 (2018.01)
C07K 14/415 (2006.01)

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(72) SHERMAN, Tal; MARGALIT, Ido; COR-EM, Shira
(74) WRAYS PTY LTD

(71) Bibo Barmaid LLC
(11) AU-A-2023200649
(21) 2023200649 (22) 07.02.2023
(54) Cold beverage dispenser and cutter assembly for cold beverage dispenser
(51) Int. Cl.
A47J 31/40 (2006.01)
B67D 1/00 (2006.01)

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(62) 2017228423
(72) Melville, Douglas F.; Barch, Gary M.; Bures, Craig; Walker, Debra L.
(74) KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD

(71) BioVentures, LLC; Mitochon Pharmaceuticals, Inc.
(11) AU-A-2023200805
(21) 2023200805 (22) 14.02.2023
(54) DNP AND DNP PRODRUG TREATMENT OF NEUROMUSCULAR, NEURODEGENERATIVE, AUTOIMMUNE, DEVELOPMENTAL, TRAUMATIC BRAIN INJURY, CONCUSSION, DRY EYE DISEASE, HEARING LOSS, AND/OR METABOLIC DISEASES
(51) Int. Cl.
A61K 9/22 (2006.01)
A61K 31/06 (2006.01)

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(62) 2017229224
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(74) AJ PARK

(71) Block, Inc.
(11) AU-A-2023200743
(21) 2023200743 (22) 10.02.2023
(54) Appointment and payment handling
(51) Int. Cl.
G06Q 10/06 (2023.01)
G06Q 10/10 (2023.01)
G06Q 20/32 (2012.01)
G06Q 20/38 (2012.01)

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(72) MYRICK, Lauren; GINSBURG, Evan; AVE, Willem
(74) FB Rice Pty Ltd

(71) BLUE EGGPLANT PTY LTD
(11) AU-A-2022291645
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(54) LAPTOP DISPLAY SYSTEMS
(51) Int. Cl.
G06F 1/16 (2006.01)
F16M 11/04 (2006.01)
F16M 11/26 (2006.01)
F16M 11/38 (2006.01)
F16M 13/00 (2006.01)

F16M 13/02 (2006.01)
H05K 5/02 (2006.01)
H05K 5/03 (2006.01)
A47B 23/04 (2006.01)

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(62) PCT/AU2021/051494
(72) THOMAS-BRIGDEN, Benjamin
(74) KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD

(71) BlueScope Steel Limited
(11) AU-A-2023200715
(21) 2023200715 (22) 09.02.2023
(54) Metal-coated steel strip
(51) Int. Cl.
C23C 2/04 (2006.01)
C22C 18/04 (2006.01)
C22C 21/10 (2006.01)
C23C 2/06 (2006.01)
C23C 2/12 (2006.01)
C23C 2/40 (2006.01)

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(72) LOPEZ, Michael Angel; RENSHAW, Wayne Andrew; MICALLEF, Andrew Vincent; SETARGEW, Nega; DONALDSON, Paul
(74) ALLENS PATENT & TRADE MARK ATTORNEYS

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(11) AU-A-2023200740
(21) 2023200740 (22) 10.02.2023
(54) COMPOSITIONS AND METHODS OF MODULATING SHORT-CHAIN DEHYDROGENASE ACTIVITY
(51) Int. Cl.
C07D 495/04 (2006.01)
A61K 31/4743 (2006.01)

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(72) MARKOWITZ, Stanford; WILLSON, James K. V.; READY, Joseph; ANTCZAK, Monika; ZHANG, Yongyou; DESAI, Amar; GERSON, Stanton; GREENLEE, William; POSNER, Bruce
(74) Oxygene IP

(71) Boehringer Ingelheim Animal Health USA Inc.
(11) AU-A-2023200609
(21) 2023200609 (22) 06.02.2023
(54) Topical compositions comprising a neonicotinoid and a macrocyclic lactone, methods and uses thereof
(51) Int. Cl.
A01N 51/00 (2006.01)
A01N 25/02 (2006.01)
A01N 43/90 (2006.01)
A01P 7/00 (2006.01)

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(62) 2020208145
(72) JOHNSON, Alan Leslie; JAIN, Amit Kumar
(74) FB Rice Pty Ltd

(71) Burrell, A.I.
(11) AU-A-2022291533
(21) 2022291533 (22) 22.12.2022
(54) Roof gutter
(51) Int. Cl.
E04D 13/064 (2006.01)
E04D 13/076 (2006.01)
E04D 13/00 (2006.01)
E04D 13/15 (2006.01)

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(62) PCT/AU2022/050707
(72) Burrell, Anthony Ian
(74) Spruson & Ferguson

(71) Burton, D.
(11) AU-A-2023200267
(21) 2023200267 (22) 19.01.2023
(54) ANAESTHESIA AND CONSCIOUSNESS DEPTH MONITORING SYSTEM
(51) Int. Cl.
A61B 5/16 (2006.01)
A61B 5/377 (2021.01)
A61B 5/395 (2021.01)

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(72) Burton, David
(74) Kerry Hubick

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(11) AU-A-2021266321
(21) 2021266321 (22) 12.11.2021
(54) SYSTEM AND METHOD FOR INTERACTIVE BUSINESS PROMOTION BASED ON ARTIFICIAL INTELLIGENCE
(51) Int. Cl.
G06Q 30/02 (2012.01)
G10L 15/26 (2006.01)
H04W 4/021 (2018.01)

(31) 17/408,858 (32) 23.08.21 (33) US
(43) 09.03.2023
(72) BYRD, STEPHEN
(74) STEPHEN MADISON BYRD

(71) CaaMTech, LLC
(11) AU-A-2023200605
(21) 2023200605 (22) 06.02.2023
(54) Compositions and methods comprising a psilocybin derivative
(51) Int. Cl.
A61K 31/4045 (2006.01)
A61K 31/455 (2006.01)
A61K 31/675 (2006.01)

(43) 09.03.2023
(62) 2018217829
(72) Chedayne, Andrew
(74) ALLENS PATENT & TRADE MARK ATTORNEYS

(71) Cala Health, Inc.
(11) AU-A-2023200595
(21) 2023200595 (22) 06.02.2023
(54) Systems and methods for treating cardiac dysfunction through peripheral nerve stimulation
(51) Int. Cl.
A61N 1/00 (2006.01)

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 (62) 2017315764
 (72) HAMNER, Samuel Richard; ROSEN-
 BLUTH, Kathryn H.; WONG, Serena
 Hanying; ROSS, Erika Kristine
 (74) FB Rice Pty Ltd

(71) Canon Kabushiki Kaisha
 (11) AU-A-2023200570
 (21) 2023200570 (22) 03.02.2023
 (54) Cartridge, member constituting cart-
 ridge, and image forming apparatus
 (51) Int. Cl.
G03G 21/16 (2006.01)
 (43) 09.03.2023
 (62) 2020289742
 (72) SATO, Masaaki; KUBO, Yukio; MUN-
 ETSUGU, Hiroyuki; WADA, Koji
 (74) Spruson & Ferguson

(71) Canva Pty Ltd
 (11) AU-A-2021221388
 (21) 2021221388 (22) 23.08.2021
 (54) Systems and methods for remotely con-
 trolling electronic presentations
 (51) Int. Cl.
H04L 67/025 (2022.01)
G06Q 10/06 (2012.01)
H04L 12/18 (2006.01)
H04L 65/1069 (2022.01)
G06F 3/048 (2013.01)
G06F 16/438 (2019.01)
H04M 3/56 (2006.01)
H04N 7/15 (2006.01)
 (43) 09.03.2023
 (72) Burns, James Ross; Heng, Fu Xiu; En-
 oka, Samuel; Fernando, Ashwanth
 (74) FPA Patent Attorneys Pty Ltd

(71) CareFusion 303, Inc.
 (11) AU-A-2022221414
 (21) 2022221414 (22) 23.08.2022
 (54) Locking slide clamp
 (51) Int. Cl.
A61M 39/28 (2006.01)
A61M 5/00 (2006.01)
A61M 25/00 (2006.01)
F16L 55/10 (2006.01)
 (31) 63/236,162 (32) 23.08.21 (33) US
 (43) 09.03.2023
 (72) FEITH, Raymond P.; PARK, Soon Y.
 (74) FB Rice Pty Ltd

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(71) Caterpillar Global Mining LLC
 (11) AU-A-2021218210
 (21) 2021218210 (22) 20.08.2021
 (54) Dipper handle
 (51) Int. Cl.
E02F 3/38 (2006.01)
E02F 3/28 (2006.01)
 (31) 17/406533 (32) 19.08.21 (33) US

(43) 09.03.2023
 (72) Thomas, Adam J.; Haws, Michael W.;
 Kinjarapu, Aruna; Zaharia, Cristian;
 Korchagin, Vladimir Anatolevich
 (74) FPA Patent Attorneys Pty Ltd

(71) CATERPILLAR GLOBAL MINING LLC
 (11) AU-A-2022211875
 (21) 2022211875 (22) 04.08.2022
 (54) WALKING SYSTEM WITH REPLACE-
 ABLE WEAR SURFACES
 (51) Int. Cl.
E02F 3/48 (2006.01)
B62D 57/02 (2006.01)
E02F 3/42 (2006.01)
 (31) 17/409,280 (32) 23.08.21 (33) US
 (43) 09.03.2023
 (72) AUSTIN, David S.
 (74) FPA Patent Attorneys Pty Ltd

(71) Cernostics, Inc.
 (11) AU-A-2023200590
 (21) 2023200590 (22) 06.02.2023
 (54) METHODS OF PREDICTING PRO-
 GRESSION OF BARRETT'S ESO-
 PHAGUS
 (51) Int. Cl.
G01N 33/52 (2006.01)
G01N 33/53 (2006.01)
G01N 33/574 (2006.01)
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 (62) 2016359685
 (72) Thorne, Rebecca J.
 (74) Pizeys Patent and Trade Mark Attor-
 neys Pty Ltd

(71) CleanSite Medical, Inc.
 (11) AU-A-2023200581
 (21) 2023200581 (22) 03.02.2023
 (54) Single use caps and covers for vascular
 access devices, and kits and methods
 for using the same
 (51) Int. Cl.
A61M 39/20 (2006.01)
 (43) 09.03.2023
 (62) 2020383515
 (72) GRANT, John; CHAMBERS, Daniel M.
 (74) Spruson & Ferguson

(71) ColdQuanta, Inc.
 (11) AU-A-2022218475
 (21) 2022218475 (22) 15.08.2022
 (54) Constant-frequency acousto-optic
 beam steering
 (51) Int. Cl.
B82Y 20/00 (2011.01)
B82Y 10/00 (2011.01)
G06N 10/40 (2022.01)
H01L 29/15 (2006.01)
H04B 10/70 (2013.01)
 (31) 17/727,756 (32) 24.04.22 (33) US
 63/235,017 19.08.21 US
 (43) 09.03.2023
 (72) Saffman, Mark
 (74) Griffith Hack

(71) Colgate-Palmolive Company
 (11) AU-A-2023200763
 (21) 2023200763 (22) 10.02.2023
 (54) Oral care agent dispensing system
 (51) Int. Cl.
A46B 11/00 (2006.01)
A46B 15/00 (2006.01)
A61C 19/06 (2006.01)

(43) 09.03.2023
 (62) 2019406321
 (72) SPEICHER, Erin; DAVIES-SMITH,
 Leighton
 (74) Spruson & Ferguson

(71) Crampton, L.
 (11) AU-A-2021218220
 (21) 2021218220 (22) 20.08.2021
 (54) SYSTEM FOR VETTING COM-
 MUNICATIONS BEING SENT TO
 A PERSON'S COMMUNICATION
 DEVICE
 (51) Int. Cl.
H04M 3/436 (2006.01)
H04L 51/212 (2022.01)
H04M 1/663 (2006.01)
H04M 1/665 (2006.01)
H04M 3/38 (2006.01)
H04M 3/42 (2006.01)
H04W 4/16 (2009.01)
 (43) 09.03.2023
 (72) Crampton, Leslie
 (74) Davies Collison Cave Pty Ltd

(71) CRC CARE Pty Ltd
 (11) AU-A-2022218623
 (21) 2022218623 (22) 19.08.2022
 (54) Clay sorbents and methods of using
 same
 (51) Int. Cl.
B01J 20/12 (2006.01)
B01J 20/02 (2006.01)
B01J 20/30 (2006.01)
B01J 20/32 (2006.01)
C02F 1/28 (2006.01)
C02F 101/10 (2006.01)
C02F 103/00 (2006.01)
 (31) 2021902600 (32) 19.08.21 (33) AU
 (43) 09.03.2023
 (72) Biswas, Bhabananda; Naidu, Ravendra
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) CubicPV Inc.
 (11) AU-A-2023200817
 (21) 2023200817 (22) 14.02.2023
 (54) TITANATE INTERFACIAL LAYERS IN
 PEROVSKITE MATERIAL DEVICES
 (51) Int. Cl.
H01L 31/0224 (2006.01)
H01L 31/0288 (2006.01)
H01L 31/0392 (2006.01)
H01L 31/04 (2014.01)
 (43) 09.03.2023
 (62) 2021200670
 (72) Irwin, Michael D.; Chute, Jerred A.;
 Dhas, Vivek V.
 (74) Pizeys Patent and Trade Mark Attor-
 neys Pty Ltd

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(71) DAI, A.
 (11) AU-A-2023200635
 (21) 2023200635 (22) 07.02.2023
 (54) METHOD FOR GREATLY REDUCING SULPHATE CONTENT IN VARIOUS LEVELS OF LITHIUM CARBONATE IN SPODUMENE SULFURIC ACID METHOD
 (51) Int. Cl.
C01D 15/08 (2006.01)
 (43) 09.03.2023
 (62) 2019318931
 (72) WANG, Qingsheng
 (74) WRAYS PTY LTD

(71) DC Systems B.V.
 (11) AU-A-2022209351
 (21) 2022209351 (22) 29.07.2022
 (54) A PROTECTION CIRCUIT
 (51) Int. Cl.
H02H 3/28 (2006.01)
H01H 9/30 (2006.01)
H02H 3/087 (2006.01)
H02H 3/20 (2006.01)
H02H 3/42 (2006.01)
H02H 7/20 (2006.01)
H02H 7/22 (2006.01)
 (31) 63/233,770 (32) 17.08.21 (33) US
 (43) 09.03.2023
 (72) Stokman, Henricus David; Kolios, Panagiotis
 (74) Madderns Pty Ltd

(71) DC Systems B.V.
 (11) AU-A-2022211884
 (21) 2022211884 (22) 04.08.2022
 (54) DC POWER DISTRIBUTION ARCHITECTURE AND METHOD APPLICABLE TO DATA CENTERS
 (51) Int. Cl.
H02J 1/10 (2006.01)
H02H 7/26 (2006.01)
H02M 1/00 (2007.01)
H02M 3/00 (2006.01)
 (31) 63/233,772 (32) 17.08.21 (33) US
 (43) 09.03.2023
 (72) Stokman, Henricus David; Kolios, Panagiotis
 (74) Madderns Pty Ltd

(71) Decathlon
 (11) AU-A-2023200687
 (21) 2023200687 (22) 08.02.2023
 (54) Diving mask with integrated snorkel
 (51) Int. Cl.
B63C 11/16 (2006.01)
 (43) 09.03.2023
 (62) 2020277295
 (72) Caprice, Cédric; Girault, Raphaël; Cucchia, Gabriele
 (74) FPA Patent Attorneys Pty Ltd

(71) Deere & Company
 (11) AU-A-2022206764
 (21) 2022206764 (22) 21.07.2022
 (54) Extractor fan assembly with clamshell hub

(51) Int. Cl.
A01D 45/10 (2006.01)
A01D 51/00 (2006.01)
A01D 57/10 (2006.01)
 (31) 17/445,212 (32) 17.08.21 (33) US
 (43) 09.03.2023
 (72) Hansen, Matthew J.; Mixon, Dusk S.; Fields, Brian J.; Burch, Guy; Richard, Eric P.; Rodrigue, Todd J.
 (74) Davies Collison Cave Pty Ltd

(71) Dejero Labs Inc.
 (11) AU-A-2023200735
 (21) 2023200735 (22) 10.02.2023
 (54) Packet transmission system and method
 (51) Int. Cl.
H04L 47/6275 (2022.01)
H04L 47/122 (2022.01)
H04L 47/125 (2022.01)
H04L 47/56 (2022.01)
 (43) 09.03.2023
 (62) 2017383561
 (72) SZE, David; FRUSINA, Bogdan; OBERHOLZER, Jonathon; WONG, Bernard; CHOY, Sharon Hui Lun; SCHNEIDER, Todd
 (74) FB Rice Pty Ltd

DEVARAJ, G. see Argenta Manufacturing Limited
 (21) 2023200668

(71) Dexcom, Inc.
 (11) AU-A-2023200730
 (21) 2023200730 (22) 10.02.2023
 (54) Distributed system architecture for continuous glucose monitoring
 (51) Int. Cl.
G06F 21/62 (2013.01)
G06F 21/00 (2013.01)
 (43) 09.03.2023
 (62) 2021203387
 (72) MENSINGER, Michael Robert; COHEN, Eric; DATTARAY, Basab; HAMPAPURAM, Hari; KAMATH, Apurv Ullas; MADIGAN, Stephen; MAYOU, Phil
 (74) FB Rice Pty Ltd

(71) Dogtooth Technologies Limited
 (11) AU-A-2023200762
 (21) 2023200762 (22) 10.02.2023
 (54) A robotic fruit picking system
 (51) Int. Cl.
A01D 46/30 (2006.01)
 (43) 09.03.2023
 (62) 2017357645
 (72) ROBERTSON, Duncan; COOK, Matthew; HERBERT, Edward; TULLY, Frank
 (74) Davies Collison Cave Pty Ltd

(71) Dolby International AB
 (11) AU-A-2023200619
 (21) 2023200619 (22) 07.02.2023

(54) Backward-compatible integration of harmonic transposer for high frequency reconstruction of audio signals
 (51) Int. Cl.
G06F 17/10 (2006.01)
G10L 19/02 (2013.01)
G10L 19/22 (2013.01)
G10L 19/24 (2013.01)
G10L 19/26 (2013.01)
 (43) 09.03.2023
 (62) 2021215249
 (72) VILLEMOS, Lars; PURNHAGEN, Heiko; EKSTRAND, Per
 (74) Spruson & Ferguson

(71) Edwards Lifesciences Corporation
 (11) AU-A-2023200569
 (21) 2023200569 (22) 03.02.2023
 (54) Heart valve docking coils and systems
 (51) Int. Cl.
A61F 2/24 (2006.01)
A61B 17/00 (2006.01)
 (43) 09.03.2023
 (62) 2017314943
 (72) PATEL, Darshin S.; MANASH, Boaz; PERLMUTTER, Khen; LEIBA, Eyal; ROZEN, Yoav; SIRIMANNE, Dinesh L.; AXELROD, Noa; KIBLITSKI, Zohar
 (74) Spruson & Ferguson

(71) Edwards Lifesciences Corporation
 (11) AU-A-2023200645
 (21) 2023200645 (22) 07.02.2023
 (54) Deployment systems, tools, and methods for delivering an anchoring device for a prosthetic valve
 (51) Int. Cl.
A61F 2/24 (2006.01)
 (43) 09.03.2023
 (62) 2017378495
 (72) PATEL, Darshin S.; MANASH, Boaz; TRAN, Tri D.; WITZMAN, Ofir; ROZEN, Yoav; SIEGEL, Alexander J.; TAYLOR, David M.
 (74) Spruson & Ferguson

(71) ee-FiT Pty Ltd
 (11) AU-A-2021218207
 (21) 2021218207 (22) 20.08.2021
 (54) SCAFFOLDING POLE
 (51) Int. Cl.
E04G 5/00 (2006.01)
E04G 3/20 (2006.01)
E04G 5/04 (2006.01)
E04G 5/14 (2006.01)
 (43) 09.03.2023
 (72) McClelland, Aaron
 (74) Phillips Ormonde Fitzpatrick

(71) Equinor Energy AS
 (11) AU-A-2023200667
 (21) 2023200667 (22) 08.02.2023
 (54) Gas compressor cleaning
 (51) Int. Cl.
B08B 9/032 (2006.01)
E21B 43/34 (2006.01)
F04D 29/70 (2006.01)

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(62) 2018209887
(72) BRENNE, Lars; KIBSGAARD, Svend Tarald; BJØRGE, Tor; UNDERBAKKE, Harald
(74) Spruson & Ferguson
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- (71)** ESCO Group LLC
(11) AU-A-2023200751
(21) 2023200751 **(22)** 10.02.2023
(54) Wear assembly
(51) Int. Cl.
E02F 9/24 (2006.01)
E02F 9/28 (2006.01)
(43) 09.03.2023
(62) 2019372330
(72) BINGHAM, Bruce C.; ROSKA, Michael B.; HARDING, Darrin; BEATLEY, Mark T.; BROCKMAN, Cornelius J.
(74) Minter Ellison
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- (71)** Eureka! AgResearch Pty Ltd
(11) AU-A-2021218221
(21) 2021218221 **(22)** 20.08.2021
(54) AQUEOUS HERBICIDAL COMPOSITION
(51) Int. Cl.
A01N 37/02 (2006.01)
A01P 13/00 (2006.01)
A01N 25/02 (2006.01)
A01N 25/30 (2006.01)
(43) 09.03.2023
(72) Pentland, Philip Edward; Le, Tung Ngoc; Flynn, Anthony Gerard; Zikic, Olga
(74) Phillips Ormonde Fitzpatrick
-
- (71)** Eyesafe Inc.
(11) AU-A-2023200705
(21) 2023200705 **(22)** 09.02.2023
(54) LIGHT EMISSION MODIFICATION
(51) Int. Cl.
G02B 1/04 (2006.01)
G02B 5/00 (2006.01)
G02B 5/20 (2006.01)
(43) 09.03.2023
(62) 2020392315
(72) Garbar, Arkady; Harris, Derek; Mitzel, Kelly
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71)** Fable Holdings Pty Ltd
(11) AU-A-2023200821
(21) 2023200821 **(22)** 14.02.2023
(54) Native-whole-starch-based fat replacer
(51) Int. Cl.
A23D 7/00 (2006.01)
A23D 7/005 (2006.01)
A23L 29/00 (2016.01)
A23L 29/212 (2016.01)
(43) 09.03.2023
(62) 2022233346
(72) FULLER, James
(74) Pearce IP Pty Ltd
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- (71)** Fasteners for Retail, Inc.
(11) AU-A-2022218598
(21) 2022218598 **(22)** 19.08.2022
(54) ANTI-SWEEPING HOOK WITH INTEGRATED INVENTORY MONITORING AND/OR LOSS PREVENTION FUNCTIONALITY
(51) Int. Cl.
A47F 7/024 (2006.01)
A47F 1/00 (2006.01)
A47F 5/01 (2006.01)
E05B 73/00 (2006.01)
G08B 13/02 (2006.01)
(31) 63/236,097 **(32)** 23.08.21 **(33)** US
 17/887,655 15.08.22 US
(43) 09.03.2023
(72) Ewing, Brent O.; Man, Chan Chor; Hua, Yun; Comstock, Jeffrey A.
(74) Baxter Patent Attorneys Pty Ltd
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- (71)** FCI Holdings Delaware, Inc
(11) AU-A-2021218166
(21) 2021218166 **(22)** 19.08.2021
(54) ROCK BOLT
(51) Int. Cl.
E21D 21/00 (2006.01)
E21D 20/02 (2006.01)
(43) 09.03.2023
(72) Bennett, Anthony; Holden, Matthew Raffaele
(74) Griffith Hack
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- (71)** Festool GmbH
(11) AU-A-2022209259
(21) 2022209259 **(22)** 27.07.2022
(54) Suction device
(51) Int. Cl.
A47L 5/12 (2006.01)
A47L 7/00 (2006.01)
A47L 9/10 (2006.01)
(31) 10 2021 121 707.5 **(32)** 20.08.21 **(33)** DE
(43) 09.03.2023
(72) HAFENRICHTER, Rainer; KOPF, Jan
(74) FB Rice Pty Ltd
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- (71)** Festool GmbH
(11) AU-A-2022209260
(21) 2022209260 **(22)** 27.07.2022
(54) Electrical device, in particular suction device or machine tool
(51) Int. Cl.
A47L 7/00 (2006.01)
A47L 5/32 (2006.01)
A47L 9/10 (2006.01)
A47L 9/24 (2006.01)
A47L 9/32 (2006.01)
H01M 50/247 (2021.01)
H01M 50/256 (2021.01)
H02J 7/02 (2016.01)
H02J 15/00 (2006.01)
(31) 10 2021 121 708.3 **(32)** 20.08.21 **(33)** DE
 10 2021 129 515.7 12.11.21 DE
(43) 09.03.2023
(72) HAFENRICHTER, Rainer; KOPF, Jan
(74) FB Rice Pty Ltd
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- (71)** Festool GmbH
(11) AU-A-2022209262
(21) 2022209262 **(22)** 27.07.2022
(54) Suction device with a closure element
(51) Int. Cl.
A47L 9/00 (2006.01)
A47L 5/12 (2006.01)
(31) 10 2021 121 709.1 **(32)** 20.08.21 **(33)** DE
(43) 09.03.2023
(72) BERCHTOLD, Roman; KOPF, Jan
(74) FB Rice Pty Ltd
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- (71)** Fisher & Paykel Healthcare Limited
(11) AU-A-2021218054
(21) 2021218054 **(22)** 17.08.2021
(54) Apparatus for supplying fluid to a tissue area
(51) Int. Cl.
A61F 13/00 (2006.01)
A61M 1/00 (2006.01)
A61M 35/00 (2006.01)
(43) 09.03.2023
(72) LU, Margaret Shi; CHEUNG, Dexter Chi Lun; CHIU, Howard Kuo-Hao; BARNES, Thomas Heinrich
(74) FB Rice Pty Ltd
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- (71)** Fisher & Paykel Healthcare Limited
(11) AU-A-2023200651
(21) 2023200651 **(22)** 07.02.2023
(54) PRESSURIZING MASKS, SYSTEMS AND METHODS
(51) Int. Cl.
A61M 16/00 (2006.01)
(43) 09.03.2023
(62) 2021203341
(72) O'DONNELL, Kevin Peter; KIRTON, Robert Stuart; TATKOV, Stanislav; BABBAGE, Sean Joel; BARKER, Dean Antony
(74) AJ PARK
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- (71)** Fisher & Paykel Healthcare Limited
(11) AU-A-2023200654
(21) 2023200654 **(22)** 07.02.2023
(54) TRACHEOSTOMY GUARD
(51) Int. Cl.
A61M 16/04 (2006.01)
(43) 09.03.2023
(62) 2021218118
(72) KAVERMANN, Stephen William; LAU, Andrew Chi Lup; SALMON, Andrew Paul Maxwell
(74) AJ PARK
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- (71)** Fisher & Paykel Healthcare Limited
(11) AU-A-2023200664
(21) 2023200664 **(22)** 08.02.2023
(54) PATIENT INTERFACE AND ASPECTS THEREOF
(51) Int. Cl.
A61M 16/06 (2006.01)
A61M 16/08 (2006.01)

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 (62) 2021200867
 (72) RICHARDSON, Thomas Mark;
 DOWNEY, Jonathan Mark; COLLINS,
 Janine
 (74) AJ PARK

(71) Fisher & Paykel Healthcare Limited
 (11) AU-A-2023200673
 (21) 2023200673 (22) 08.02.2023
 (54) FLOW THERAPY SYSTEM AND
 METHOD
 (51) Int. Cl.
 A61B 5/08 (2006.01)
 A61M 16/00 (2006.01)

(43) 09.03.2023
 (62) 2018248113
 (72) Evans, Alicia Jerram Hunter; Old-
 field, Samantha Dale; Barraclough, Mi-
 chael Robert; Cheung, Dexter Chi Lun;
 Spence, Callum James Thomas; As-
 si, Milanjot Singh; White, Craig Karl;
 Barnes, Thomas Heinrich; Osborne,
 Hamish Adrian; Payton, Matthew Jon
 (74) AJ PARK

(71) Fisher & Paykel Healthcare Limited
 (11) AU-A-2023200714
 (21) 2023200714 (22) 09.02.2023
 (54) HEADGEAR ASSEMBLIES AND
 INTERFACE ASSEMBLIES WITH
 HEADGEAR
 (51) Int. Cl.
 A61M 16/06 (2006.01)

(43) 09.03.2023
 (62) 2020286321
 (72) Huddart, Brett John; Hammer, Jeroen;
 Slight, Matthew Robert Geoff; Kapele-
 vich, Vitaly; Monroy Felix, David; Gor-
 don, Callum Ross; Walls, Bruce Mi-
 chael; Bornholdt, Melissa Catherine;
 Stephenson, Matthew Roger; Free-
 stone, Paul Mathew; Graham, Ryan An-
 thony; McLaren, Mark Arvind
 (74) AJ PARK

(71) FISHER & PAYKEL HEALTHCARE
 LIMITED
 (11) AU-A-2023200686
 (21) 2023200686 (22) 08.02.2023
 (54) PATIENT INTERFACES WITH CON-
 DENSATION REDUCING OR COM-
 PENSATING ARRANGEMENTS

(51) Int. Cl.
 A61M 16/06 (2006.01)
 A62B 7/10 (2006.01)
 A62B 9/06 (2006.01)
 A62B 18/08 (2006.01)

(43) 09.03.2023
 (62) 2021202193
 (72) PARTINGTON, Andrew John; GRA-
 HAM, Peter Kenneth; ARROWSMITH,
 Mark John; NIGHTINGALE, Christopher
 Earl; KAPELEVICH, Vitaly
 (74) AJ PARK

(71) FISHER & PAYKEL HEALTHCARE
 LIMITED

(11) AU-A-2023200709
 (21) 2023200709 (22) 09.02.2023
 (54) CONTROL OF HUMIDIFIER CHAM-
 BER TEMPERATURE FOR ACCUR-
 RATE HUMIDITY CONTROL

(51) Int. Cl.
 A61M 16/16 (2006.01)
 A62B 7/00 (2006.01)

(43) 09.03.2023
 (62) 2020203276
 (72) TATKOV, Stanislav; CRONE, Christoph-
 er Malcolm; HAWKINS, Peter; HAN,
 Jae Chul; O'DONNELL, Kevin Peter;
 SOMERVELL, Andrew Robert Donald
 (74) AJ PARK

(71) Fortescue Metals Group Ltd

(11) AU-A-2021218077
 (21) 2021218077 (22) 18.08.2021
 (54) Rail car absorber disassembly apparat-
 us and method

(51) Int. Cl.
 B61G 7/04 (2006.01)
 B30B 9/00 (2006.01)
 B30B 15/04 (2006.01)
 B61G 7/10 (2006.01)
 B61G 11/02 (2006.01)
 B61G 11/18 (2006.01)
 B61G 7/14 (2006.01)
 B61G 9/00 (2006.01)

(43) 09.03.2023
 (72) VAN DER VEEN, Adriaan Piet;
 GLENDENNING, Alex
 (74) Davies Collison Cave Pty Ltd

(71) Framacad Licensing Limited

(11) AU-A-2021218024
 (21) 2021218024 (22) 17.08.2021
 (54) A TRUSS

(51) Int. Cl.
 E04C 3/07 (2006.01)
 E04C 3/04 (2006.01)
 B21D 5/00 (2006.01)
 B21D 11/20 (2006.01)
 E04B 1/24 (2006.01)

(43) 09.03.2023
 (72) Spencer, Daniel Jerry; Taylor, Stewart
 Mark
 (74) Ellis Terry

(71) Fraser, M.

(11) AU-A-2021218150
 (21) 2021218150 (22) 19.08.2021
 (54) A portable shelter

(51) Int. Cl.
 A45B 19/10 (2006.01)
 A45B 17/00 (2006.01)
 A45B 23/00 (2006.01)
 E04H 15/00 (2006.01)

(43) 09.03.2023
 (72) Fraser, Mark Andrew
 (74) Spruson & Ferguson

(71) Fraser, M.

(11) AU-A-2021221687

(21) 2021221687 (22) 25.08.2021

(54) A portable shelter
 (51) Int. Cl.
 A45B 19/10 (2006.01)
 A45B 17/00 (2006.01)
 A45B 23/00 (2006.01)
 E04H 15/00 (2006.01)

(43) 09.03.2023
 (62) 2021218150
 (72) Fraser, Mark Andrew
 (74) Spruson & Ferguson

(71) Fraser, M.

(11) AU-A-2022203403
 (21) 2022203403 (22) 19.05.2022
 (54) A portable shelter
 (51) Int. Cl.

A45B 19/10 (2006.01)
 A45B 17/00 (2006.01)
 A45B 23/00 (2006.01)
 E04H 15/00 (2006.01)

(43) 09.03.2023
 (62) 2021221687
 (72) FRASER, Mark Andrew
 (74) Spruson & Ferguson

(71) Fraser, M.A.

(11) AU-A-2022215254
 (21) 2022215254 (22) 11.08.2022
 (54) A portable shelter
 (51) Int. Cl.

A45B 19/10 (2006.01)
 A45B 17/00 (2006.01)
 A45B 23/00 (2006.01)
 E04H 15/00 (2006.01)

(43) 09.03.2023
 (62) 2021221687
 (72) FRASER, Mark Andrew
 (74) Spruson & Ferguson

(71) Galera Labs, LLC

(11) AU-A-2023200738
 (21) 2023200738 (22) 10.02.2023
 (54) Pentaaza macrocyclic ring complexes
 possessing oral bioavailability

(51) Int. Cl.
 C07F 13/00 (2006.01)
 C07F 1/08 (2006.01)
 C07F 15/02 (2006.01)
 C07F 15/04 (2006.01)

(43) 09.03.2023
 (62) 2020289730
 (72) KEENE, Jeffery L.; SCHALL, Otto F.;
 RILEY, Dennis P.
 (74) Oxygene IP

(71) Geldenhuis, P.

(11) AU-A-2021221386
 (21) 2021221386 (22) 23.08.2021
 (54) WATER INFILTRATION CONDUIT

(51) Int. Cl.
 E03F 1/00 (2006.01)
 E02B 11/00 (2006.01)

(43) 09.03.2023
 (72) Geldenhuis, Pieter
 (74) Origin Patent and Trade Mark Attorneys

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(71) Gen-Probe Incorporated
 (11) AU-A-2023200746
 (21) 2023200746 (22) 10.02.2023
 (54) Dried compositions containing flap endonuclease
 (51) Int. Cl.
C12Q 1/6876 (2018.01)
C12N 9/12 (2006.01)
 (43) 09.03.2023
 (62) 2018270296
 (72) PETERSON, Patrick; LUU, Tony; JOST, Matthias
 (74) FB Rice Pty Ltd

(71) GE Oil & Gas, Inc.
 (11) AU-A-2023200787
 (21) 2023200787 (22) 13.02.2023
 (54) GAS LIQUEFACTION SYSTEM AND METHODS
 (51) Int. Cl.
F25J 1/00 (2006.01)
F25J 1/02 (2006.01)
 (43) 09.03.2023
 (62) 2021232758
 (72) Kennedy, David Allen; Zhao, Shukui
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) GE Video Compression, LLC
 (11) AU-A-2023200757
 (21) 2023200757 (22) 10.02.2023
 (54) Video encoder, video decoder, methods for encoding and decoding and video data stream for realizing advanced video coding concepts
 (51) Int. Cl.
H04N 19/70 (2014.01)
H04N 19/503 (2014.01)
 (43) 09.03.2023
 (62) 2021277524
 (72) SÁNCHEZ DE LA FUENTE, Yago; SÜHRING, Karsten; HELLGE, Cornelius; SCHIERL, Thomas; SKUPIN, Robert; WIEGAND, Thomas
 (74) Griffith Hack

(71) GE Video Compression, LLC
 (11) AU-A-2023200764
 (21) 2023200764 (22) 10.02.2023
 (54) Video encoder, video decoder, methods for encoding and decoding and video data stream for realizing advanced video coding concepts
 (51) Int. Cl.
H04N 19/70 (2014.01)
H04N 19/503 (2014.01)
 (43) 09.03.2023
 (62) 2021277524
 (72) SÁNCHEZ DE LA FUENTE, Yago; SÜHRING, Karsten; HELLGE, Cornelius; SCHIERL, Thomas; SKUPIN, Robert; WIEGAND, Thomas
 (74) Griffith Hack

(71) GE Video Compression, LLC
 (11) AU-A-2023200765
 (21) 2023200765 (22) 10.02.2023

(54) Video encoder, video decoder, methods for encoding and decoding and video data stream for realizing advanced video coding concepts
 (51) Int. Cl.
H04N 19/70 (2014.01)
H04N 19/503 (2014.01)
 (43) 09.03.2023
 (62) 2021277524
 (72) SÁNCHEZ DE LA FUENTE, Yago; SÜHRING, Karsten; HELLGE, Cornelius; SCHIERL, Thomas; SKUPIN, Robert; WIEGAND, Thomas
 (74) Griffith Hack

(71) GIANNI INDUSTRIES INC.
 (11) AU-A-2021218072
 (21) 2021218072 (22) 18.08.2021
 (54) ELECTRONIC LOCK FEATURING FOOLPROOFNESS AND REPOSITIONABILITY
 (51) Int. Cl.
E05B 15/02 (2006.01)
E05B 15/00 (2006.01)
E05B 47/00 (2006.01)
E05B 9/00 (2006.01)
 (43) 09.03.2023
 (72) CHANG, CHIH CHUNG
 (74) Alfred Lei

(71) Gilead Sciences, Inc.
 (11) AU-A-2023200603
 (21) 2023200603 (22) 06.02.2023
 (54) Solid forms of a toll-like receptor modulator
 (51) Int. Cl.
C07D 471/04 (2006.01)
A61K 31/519 (2006.01)
A61P 31/20 (2006.01)
 (43) 09.03.2023
 (62) 2020260075
 (72) ASSELIN, Sylvie M.; BADALOV, Pavel R.; MORRISON, Henry G.; REGENS, Christopher S.; VIEIRA, Tiago
 (74) Davies Collison Cave Pty Ltd

(71) Grand Performance Online Pty Ltd
 (11) AU-A-2023200704
 (21) 2023200704 (22) 09.02.2023
 (54) Autonomous and integrated system, method and computer program for dynamic optimisation and allocation of resources for defined spaces and time periods
 (51) Int. Cl.
G06Q 50/12 (2012.01)
G06Q 10/02 (2012.01)
G06Q 10/04 (2023.01)
G06Q 10/08 (2023.01)
 (43) 09.03.2023
 (62) 2021201615
 (72) PETROULAS, Peter
 (74) Spruson & Ferguson

(71) Grip Systems Limited
 (11) AU-A-2022218553
 (21) 2022218553 (22) 18.08.2022

(54) Tape Dispenser
 (51) Int. Cl.
B65H 71/00 (2006.01)
 (31) 2111927.6 (32) 19.08.21 (33) GB
 (43) 09.03.2023
 (72) Clarke, Marcus
 (74) Clark Intellectual Property Pty Ltd

(71) Halliburton Energy Services, Inc.
 (11) AU-A-2023200734
 (21) 2023200734 (22) 10.02.2023
 (54) Modular electromagnetic ranging system for determining location of a target well
 (51) Int. Cl.
E21B 47/022 (2012.01)
E21B 47/024 (2006.01)
E21B 47/09 (2012.01)
 (43) 09.03.2023
 (62) 2016425822
 (72) AHMADI KALATEH AHMAD, Akram; CAPOGLU, Ilker R.; DONDERICI, Burkay
 (74) Spruson & Ferguson

(71) HandyLab, Inc.
 (11) AU-A-2023200806
 (21) 2023200806 (22) 14.02.2023
 (54) Integrated apparatus for performing nucleic acid extraction and diagnostic testing on multiple biological samples
 (51) Int. Cl.
C12M 1/00 (2006.01)
C12M 3/00 (2006.01)
C12P 19/34 (2006.01)
C12Q 1/68 (2018.01)
 (43) 09.03.2023
 (62) 2020239676
 (72) WILLIAMS, Jeff; WILSON, Kerry; HANDIQUE, Kalyan
 (74) FB Rice Pty Ltd

(71) HLP Controls Pty Limited
 (11) AU-A-2021221424
 (21) 2021221424 (22) 23.08.2021
 (54) Electrical Safety Hazard Identification And Warning System
 (51) Int. Cl.
G01R 19/165 (2006.01)
 (43) 09.03.2023
 (72) WALLACE, Leonard Charles
 (74) Wallington-Dummer

(71) Honey Badger International Pty Ltd; Rogers, G.
 (11) AU-A-2023200602
 (21) 2023200602 (22) 06.02.2023
 (54) ENERGY GENERATION LOAD COMPENSATION
 (51) Int. Cl.
H02S 10/00 (2014.01)
G01R 11/00 (2006.01)
G05B 13/00 (2006.01)
G05F 5/00 (2006.01)

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 (62) 2020277226
 (72) Rogers, Gregory Neville
 (74) Murray Trento & Associates Pty Ltd

(71) Hunter, J.
 (11) AU-A-2021221396
 (21) 2021221396 (22) 23.08.2021
 (54) EXERCISE EQUIPMENT
 (51) Int. Cl.
 A63B 21/078 (2006.01)
 A63B 21/072 (2006.01)
 (43) 09.03.2023
 (72) Hunter, Jeremy
 (74) James & Wells Intellectual Property

(71) Hunter Douglas, Inc.
 (11) AU-A-2023200696
 (21) 2023200696 (22) 09.02.2023
 (54) Architectural covering and method of manufacturing
 (51) Int. Cl.
 E06B 9/15 (2006.01)
 (43) 09.03.2023
 (62) 2017200574
 (72) COLSON, Wendell B.; SWISZCZ, Paul G.
 (74) Spruson & Ferguson

(71) Hunter Process Technologies Pty Limited
 (11) AU-A-2023200767
 (21) 2023200767 (22) 12.02.2023
 (54) SYSTEM, METHOD AND APPARATUS FOR FROTH FLOTATION
 (51) Int. Cl.
 B03D 1/24 (2006.01)
 B03D 1/08 (2006.01)
 (43) 09.03.2023
 (62) 2021201129
 (72) JAMESON, Graeme John
 (74) Adams Pluck

(71) Hunter Process Technologies Pty Limited
 (11) AU-A-2023200768
 (21) 2023200768 (22) 12.02.2023
 (54) SYSTEM, METHOD AND APPARATUS FOR FROTH FLOTATION
 (51) Int. Cl.
 B03D 1/24 (2006.01)
 B03D 1/08 (2006.01)
 (43) 09.03.2023
 (62) 2021201129
 (72) JAMESON, Graeme John
 (74) Adams Pluck

(71) Hunter Process Technologies Pty Limited
 (11) AU-A-2023200769
 (21) 2023200769 (22) 12.02.2023
 (54) SYSTEM, METHOD AND APPARATUS FOR FROTH FLOTATION
 (51) Int. Cl.
 B03D 1/24 (2006.01)
 B03D 1/08 (2006.01)

(43) 09.03.2023
 (62) 2021201129
 (72) JAMESON, Graeme John
 (74) Adams Pluck

(71) Illumina, Inc.
 (11) AU-A-2023200758
 (21) 2023200758 (22) 10.02.2023
 (54) Methods and systems for analyzing image data
 (51) Int. Cl.
 C12Q 1/68 (2018.01)
 (43) 09.03.2023
 (62) 2020277261
 (72) BELITZ, Paul; TANNER, Stephen; VIECELI, John S.; CHEN, Xiaoyu
 (74) Spruson & Ferguson

(71) ImaginAb, Inc.
 (11) AU-A-2023200616
 (21) 2023200616 (22) 07.02.2023
 (54) Antigen binding constructs to target molecules
 (51) Int. Cl.
 C07K 16/00 (2006.01)
 A61K 39/395 (2006.01)
 (43) 09.03.2023
 (62) 2016304764
 (72) Chan, Chio Mui; Gudas, Jean; Olafsen, Tove; Satpayev, Daulet Kady; Torgov, Michael Yuri
 (74) Davies Collison Cave Pty Ltd

(71) Implantica Patent Ltd
 (11) AU-A-2023200558
 (21) 2023200558 (22) 03.02.2023
 (54) Apparatus For Controlling Flow In A Bodily Organ
 (51) Int. Cl.
 A61B 17/12 (2006.01)
 A61F 2/04 (2013.01)
 A61N 1/36 (2006.01)
 (43) 09.03.2023
 (62) 2021201906
 (72) Forsell, Peter
 (74) WRAYS PTY LTD

(71) INDOORSIGHTS LIMITED
 (11) AU-A-2022218566
 (21) 2022218566 (22) 18.08.2022
 (54) FACILITY COMMUNICATION AND/OR LOCATION APPARATUS AND SYSTEM
 (51) Int. Cl.
 G08B 25/08 (2006.01)
 G08B 5/36 (2006.01)
 G08B 7/06 (2006.01)
 G08B 21/02 (2006.01)
 G08B 21/04 (2006.01)
 G08B 21/18 (2006.01)
 G08B 25/10 (2006.01)
 H04M 11/04 (2006.01)
 H04W 4/02 (2018.01)
 H04W 4/029 (2018.01)
 H04W 76/50 (2018.01)
 G08B 17/103 (2006.01)
 H04L 12/66 (2006.01)

H04W 4/33 (2018.01)
H04W 4/80 (2018.01)
H04W 4/90 (2018.01)
H04W 88/16 (2009.01)
H04W 88/18 (2009.01)

(31) 2021902623 (32) 20.08.21 (33) AU
 (43) 09.03.2023
 (72) CHAN, Paul Kim
 (74) AJ PARK

(71) Institute of Agro-products Processing Science and Technology, Sichuan Academy of Agricultural Sciences
 (11) AU-A-2022218563
 (21) 2022218563 (22) 18.08.2022
 (54) High-Polyphenol Rapeseed Oil and Preparation Method Thereof
 (51) Int. Cl.
 C11B 3/10 (2006.01)
 A23D 9/04 (2006.01)
 C11B 1/04 (2006.01)
 C11B 1/08 (2006.01)
 C11B 13/04 (2006.01)
 (31) 202110952235.0 (32) 19.08.21 (33) CN
 (43) 09.03.2023
 (72) YAO, Yingzheng; LIANG, Qiang; XIONG, Wei; XUAN, Pu; XU, Xia; ZHAO, Ling; LI, Pu; LI, Yanlin
 (74) A.P.T. Patent and Trade Mark Attorneys

(71) Intravital Pty Ltd
 (11) AU-A-2023200759
 (21) 2023200759 (22) 10.02.2023
 (54) DRUG DELIVERY DEVICE WITH PRE-ASSEMBLED CARTRIDGE
 (51) Int. Cl.
 A61M 5/24 (2006.01)
 A61M 5/315 (2006.01)
 A61M 5/48 (2006.01)
 (43) 09.03.2023
 (62) 2021202821
 (72) EVISTON, TIMOTHY J.
 (74) Griffith Hack

(71) Inventys Thermal Technologies Inc.
 (11) AU-A-2023200754
 (21) 2023200754 (22) 10.02.2023
 (54) ADSORPTIVE GAS SEPARATION PROCESS AND SYSTEM
 (51) Int. Cl.
 B01D 53/02 (2006.01)
 (43) 09.03.2023
 (62) 2017244042
 (72) Boulet, Andre; Khiavi, Soheil
 (74) Madderns Pty Ltd

(71) Janssen Biotech, Inc.
 (11) AU-A-2023200719
 (21) 2023200719 (22) 09.02.2023
 (54) Engineered antibodies and other Fc-domain containing molecules with enhanced agonism and effector functions
 (51) Int. Cl.
 C07K 16/18 (2006.01)
 C07K 14/735 (2006.01)
 C07K 16/28 (2006.01)

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 (72) ARMSTRONG, Anthony; CHIU, Mark; ZHANG, Di
 (74) Spruson & Ferguson

(71) JANUSNET PTY LTD
 (11) AU-A-2023200580
 (21) 2023200580 (22) 03.02.2023
 (54) Architecture, Method and Apparatus for Enforcing Collection and Display of Computer File Metadata
 (51) Int. Cl.
G06F 21/00 (2013.01)
 (43) 09.03.2023
 (62) 2021282427
 (72) COLLA, Gregory Alan; HUANG, Kien Sen
 (74) Wallington-Dummer

(71) Joy Global Underground Mining LLC
 (11) AU-A-2023200670
 (21) 2023200670 (22) 08.02.2023
 (54) Mining machine with articulating boom and independent material handling system
 (51) Int. Cl.
E21C 25/16 (2006.01)
E21C 25/18 (2006.01)
E21C 27/12 (2006.01)
E21C 27/22 (2006.01)
 (43) 09.03.2023
 (62) 2017313836
 (72) Daher, Nagy; Boyd, Richard; Bagnall, Edward; Reeves, Stuart
 (74) Griffith Hack

(71) JPMorgan Chase Bank, N.A.
 (11) AU-A-2023200741
 (21) 2023200741 (22) 10.02.2023
 (54) SYSTEMS AND METHODS FOR DEVICE AUTHENTICATION
 (51) Int. Cl.
G06Q 20/32 (2012.01)
G06Q 20/36 (2012.01)
G06Q 20/40 (2012.01)
 (43) 09.03.2023
 (62) 2017235228
 (72) Hammad, Ayman; Clarke, Simon
 (74) AJ PARK

(71) kaleo, Inc.
 (11) AU-A-2023200717
 (21) 2023200717 (22) 09.02.2023
 (54) DEVICES AND METHODS FOR DELIVERING A LYOPHILIZED MEDICAMENT
 (51) Int. Cl.
A61M 5/178 (2006.01)
A61M 5/20 (2006.01)
A61M 5/31 (2006.01)
A61M 5/315 (2006.01)
A61M 5/32 (2006.01)

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 (62) 2020244558
 (72) Edwards, Evan T.; Edwards, Eric S.; Meyers, Paul F.; Blondino, Frank E.
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Keto Patent Group, Inc.
 (11) AU-A-2023200826
 (21) 2023200826 (22) 14.02.2023
 (54) Administration of berberine metabolites
 (51) Int. Cl.
A61K 31/4375 (2006.01)
A61K 31/19 (2006.01)
A61K 31/23 (2006.01)
 (43) 09.03.2023
 (62) 2017253110
 (72) Lowery, Ryan; Wilson, Jacob; Wells, Shawn; Underwood, Brian; Harding, Christopher N.; Lacore, Terry
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Kulteivat, Inc.
 (11) AU-A-2023200713
 (21) 2023200713 (22) 09.02.2023
 (54) RUBBER AND BY-PRODUCT EXTRACTION SYSTEMS AND METHODS
 (51) Int. Cl.
C08H 8/00 (2010.01)
 (43) 09.03.2023
 (62) 2018312941
 (72) NOCERA Jr., Anthony; SWIGER, Daniel R.
 (74) RnB IP Pty Ltd

(71) L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procèdes Georges Claude
 (11) AU-A-2022209332
 (21) 2022209332 (22) 29.07.2022
 (54) ELECTROLYSIS ARRANGEMENT AND METHOD WITH ANOLYTE COOLER
 (51) Int. Cl.
C25B 9/21 (2021.01)
C25B 1/04 (2021.01)
C25B 15/021 (2021.01)
C25B 15/08 (2006.01)
 (31) 21020418.6 (32) 17.08.21 (33) EP
 (43) 09.03.2023
 (72) Nesselberger, Markus; Svitnic, Tibor; Tadiello, Jean-Philippe
 (74) Madderns Pty Ltd

(71) Labrado, J.
 (11) AU-A-2021221412
 (21) 2021221412 (22) 23.08.2021
 (54) APPARATUS AND METHOD FOR USE IN CONNECTION WITH SOLAR POWER GENERATION SYSTEMS
 (51) Int. Cl.
H02S 50/10 (2014.01)
H02S 40/10 (2014.01)

(43) 09.03.2023
 (72) Labrado, Jason James
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) Lee, W.
 (11) AU-A-2023200683
 (21) 2023200683 (22) 08.02.2023
 (54) Wall Cladding, Panel and Assembly
 (51) Int. Cl.
E04F 13/08 (2006.01)
B32B 15/18 (2006.01)
E04B 1/94 (2006.01)
 (43) 09.03.2023
 (62) 2021219850
 (72) LEE, Walter
 (74) Intellepro Patent & Trade Mark Attorneys

(71) LG Energy Solution, Ltd.
 (11) AU-A-2023200585
 (21) 2023200585 (22) 03.02.2023
 (54) Multilayer nanoporous separator
 (51) Int. Cl.
H01M 10/0525 (2010.01)
 (43) 09.03.2023
 (62) 2018346985
 (72) AVISON, David W.; CARLSON, Steven A.; SLOAN, Benjamin
 (74) Spruson & Ferguson

(71) Limacorporate S.p.A.
 (11) AU-A-2023200782
 (21) 2023200782 (22) 13.02.2023
 (54) Augment element for knee prosthesis
 (51) Int. Cl.
A61F 2/30 (2006.01)
 (43) 09.03.2023
 (62) 2021303431
 (72) FIEDLER, Christoph; CECONI, Massimo; MARTELOSSI, Marta; PRESACCO, Michele
 (74) MINTER ELLISON

(71) MacDon Industries Ltd
 (11) AU-A-2022215173
 (21) 2022215173 (22) 09.08.2022
 (54) HEADER WITH FLEXIBLE CUTTER BAR ASSEMBLY
 (51) Int. Cl.
A01D 34/18 (2006.01)
A01D 34/04 (2006.01)
A01D 34/14 (2006.01)
A01D 34/23 (2006.01)
A01D 41/06 (2006.01)
A01D 47/00 (2006.01)

(31) 17/406.932 (32) 19.08.21 (33) US
 (43) 09.03.2023
 (72) GARBALD, Jann
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) Magic Leap, Inc.
 (11) AU-A-2023200677
 (21) 2023200677 (22) 08.02.2023

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(54) System and method for augmented and virtual reality
 (51) Int. Cl.
G02B 27/01 (2006.01)
A61B 3/10 (2006.01)
 (43) 09.03.2023
 (62) 2021258005
 (72) Miller, Samuel A.; Abovitz, Rony
 (74) Davies Collison Cave Pty Ltd

(71) Mallinckrodt Pharmaceuticals Ireland Limited
 (11) AU-A-2023200638
 (21) 2023200638 (22) 07.02.2023
 (54) USE AND MONITORING OF INHALED NITRIC OXIDE WITH LEFT VENTRICULAR ASSIST DEVICES
 (51) Int. Cl.
A61K 33/00 (2006.01)
A61B 5/026 (2006.01)
A61M 16/12 (2006.01)
 (43) 09.03.2023
 (62) 2017218391
 (72) Potenziano, Jim; Greene, Douglas Alan; Flanagan, Craig
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Massachusetts Institute of Technology
 (11) AU-A-2023200711
 (21) 2023200711 (22) 09.02.2023
 (54) SYSTEMS AND METHODS FOR PREVENTING, MITIGATING, AND/OR TREATING DEMENTIA
 (51) Int. Cl.
A61H 23/00 (2006.01)
A61M 21/00 (2006.01)
A61N 5/06 (2006.01)
 (43) 09.03.2023
 (62) 2018347870
 (72) TSAI, Li-Huei; MARTORELL, Anthony James; SUK, Ho-Jun; BOYDEN, Ed
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

Massachusetts Institute of Technology see Universidad Politécnica de Madrid
 (21) 2023200739

(71) Mayo Foundation for Medical Education and Research
 (11) AU-A-2023200799
 (21) 2023200799 (22) 14.02.2023
 (54) Hematologic cancer treatments
 (51) Int. Cl.
A61K 9/14 (2006.01)
A61K 31/337 (2006.01)
A61K 38/38 (2006.01)
A61K 39/44 (2006.01)
A61K 47/42 (2017.01)
A61P 35/00 (2006.01)
A61P 35/02 (2006.01)
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 (54) Excavation support
 (51) Int. Cl.
E02D 29/02 (2006.01)
E02D 5/34 (2006.01)
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E02D 5/54 (2006.01)
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 (74) BRM Patent Attorneys Pty Ltd

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 (51) Int. Cl.
A61K 31/5415 (2006.01)
A23K 10/33 (2016.01)
A23K 20/137 (2016.01)
A61K 9/00 (2006.01)
A61K 47/02 (2006.01)
A61K 47/46 (2006.01)
A61P 29/00 (2006.01)
A23K 40/20 (2016.01)
A23K 50/10 (2016.01)
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 (51) Int. Cl.
A61B 17/34 (2006.01)
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 (21) 2023200591 (22) 06.02.2023
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 (51) Int. Cl.
A61K 45/06 (2006.01)
A61K 31/409 (2006.01)
A61K 31/675 (2006.01)
A61K 31/7068 (2006.01)
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A61P 35/00 (2006.01)
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 (54) An Electrical System
 (51) Int. Cl.
H01R 13/66 (2006.01)
F21S 8/04 (2006.01)
F21V 21/02 (2006.01)
H01R 13/629 (2006.01)
H01R 33/08 (2006.01)
H01R 33/76 (2006.01)
H01R 33/94 (2006.01)
H01R 13/40 (2006.01)
H01R 33/92 (2006.01)
H01R 33/945 (2006.01)
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A61P 35/00 (2006.01)
C07K 16/10 (2006.01)
C07K 16/28 (2006.01)
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 (74) FPA Patent Attorneys Pty Ltd

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F16B 5/02 (2006.01)
B02C 17/22 (2006.01)
B65G 11/16 (2006.01)
F16B 13/04 (2006.01)
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F24F 3/167 (2021.01)
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F24F 11/00 (2018.01)
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C01B 39/52 (2006.01)

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(21) 2022218547 **(22)** 18.08.2022
(54) Protective plate for a vibratory screen
(51) Int. Cl.
B07B 1/28 (2006.01)
B07B 1/46 (2006.01)
(31) 2021902577 **(32)** 18.08.21 **(33)** AU
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(72) BARNES, Phil
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B07B 1/46 (2006.01)
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C12N 5/00 (2006.01)
C12N 5/04 (2006.01)
C12N 9/22 (2006.01)
C12N 15/00 (2006.01)
C12N 15/05 (2006.01)
C12N 15/113 (2010.01)
C12N 15/63 (2006.01)
C12N 15/74 (2006.01)
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C12P 19/34 (2006.01)
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B62D 7/15 (2006.01)
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(54) Data protection query interface
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G06Q 20/40 (2012.01)
G06F 21/30 (2013.01)
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A61K 38/08 (2019.01)
A61P 5/24 (2006.01)
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 Ann
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G01N 15/06 (2006.01)
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F25B 29/00 (2006.01)
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(54) A food-consumption monitoring system
(51) Int. Cl.
G16H 20/60 (2018.01)
A47G 19/02 (2006.01)
A47G 23/12 (2006.01)
G01G 19/414 (2006.01)
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(54) Dynamic referencing of term definitions
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G06F 40/169 (2020.01)
G06F 3/048 (2013.01)
G06F 9/44 (2018.01)
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G06Q 10/10 (2023.01)
G06Q 50/18 (2012.01)
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 A SUCCINATE SALT OF 7-CYC-
 LOPENTYL-2-(5-PIPERAZIN-1-
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 PYRROLO[2,3-D]PYRIMIDINE -6-
 CARBOXYLIC ACID DIMETHYLAMIDE
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C07D 487/04 (2006.01)
A61K 31/519 (2006.01)
A61P 35/00 (2006.01)
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(54) Unitising system
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B65D 19/00 (2006.01)
B65D 19/38 (2006.01)
B65D 71/00 (2006.01)
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 (54) Methods, systems and apparatus for controlling movement of transporting devices
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G06Q 10/08 (2023.01)
B65G 1/04 (2006.01)
G05D 1/00 (2006.01)
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A61K 31/593 (2006.01)
A61K 9/48 (2006.01)
A61K 31/592 (2006.01)
A61P 3/02 (2006.01)
A61P 5/18 (2006.01)
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 (54) Composition, container, system and methods
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A62D 1/00 (2006.01)
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 (54) Sample holder
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G01N 23/223 (2006.01)
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 (21) 2023200574 (22) 03.02.2023
 (54) A FROTH FLOTATION ARRANGEMENT AND A FROTH FLOTATION METHOD
 (51) Int. Cl.
B03D 1/14 (2006.01)
B03D 1/02 (2006.01)

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 (54) Optical Fiber Attachment Device
 (51) Int. Cl.
B29C 45/26 (2006.01)
B29C 45/14 (2006.01)
B29C 45/36 (2006.01)
B29D 11/00 (2006.01)
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A61K 31/65 (2006.01)
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 (21) 2023200631 (22) 07.02.2023
 (54) EXERCISE SYSTEM AND METHOD
 (51) Int. Cl.
A63B 24/00 (2006.01)
A63B 22/00 (2006.01)
A63B 22/02 (2006.01)
A63B 23/12 (2006.01)
A63B 71/00 (2006.01)
A63B 71/06 (2006.01)
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 (54) Lean Vending Machine
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G07F 11/16 (2006.01)
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G07F 11/28 (2006.01)
G07F 11/30 (2006.01)
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 (74) Allens Patent & Trade Mark Attorneys

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A61M 27/00 (2006.01)
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 (54) COMPOSITIONS AND METHODS FOR ENHANCED DELIVERY OF ANTIVIRAL AGENTS
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A61K 33/00 (2006.01)
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 (72) DOCHERTY, John; BUNKA, Christopher Andrew
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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 (11) AU-A-2023200672
 (21) 2023200672 (22) 08.02.2023
 (54) METHODS AND SYSTEMS FOR IMPLANTABLE MEDICAL DEVICES AND VASCULARIZATION MEMBRANES
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A61F 2/02 (2006.01)
A61K 35/12 (2015.01)
A61L 27/00 (2006.01)
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 (21) 2023200661 (22) 08.02.2023
 (54) A control system
 (51) Int. Cl.
A01G 33/00 (2006.01)
A01G 9/24 (2006.01)
G02F 1/00 (2006.01)
H05B 45/10 (2020.01)
H05B 45/20 (2020.01)
H05B 47/105 (2020.01)

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 (54) CONSTRAINING MOTION VECTOR INFORMATION DERIVED BY DECODER-SIDE MOTION VECTOR DERIVATION
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H04N 19/577 (2014.01)
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H04W 72/12 (2023.01)
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C12N 15/85 (2006.01)
C12N 5/02 (2006.01)
C12N 5/07 (2010.01)
C12N 5/10 (2006.01)
C12N 9/12 (2006.01)
C12N 15/00 (2006.01)
C12P 21/06 (2006.01)
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 (54) A method of reconfiguring an electrical power distribution network including distributed energy resources
 (51) Int. Cl.
H02J 3/48 (2006.01)
G01D 4/00 (2006.01)
G01R 21/09 (2006.01)
H02J 3/14 (2006.01)
G01R 11/02 (2006.01)

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(71) Retract Canopy Systems Pty Ltd
 (11) AU-A-2023200760
 (21) 2023200760 (22) 10.02.2023
 (54) Automotive cargo/tray cover assembly
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B60J 7/06 (2006.01)
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A61M 16/06 (2006.01)
A62B 18/08 (2006.01)
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 (74) COOPER IP PTY. LTD.

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 (54) A mobile autonomous agricultural system and method
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G05D 1/02 (2020.01)
B60W 30/09 (2012.01)
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G01S 17/04 (2020.01)
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 (54) METHOD FOR ENCODING AND DECODING MOTION INFORMATION AND DEVICE FOR ENCODING AND DECODING MOTION INFORMATION
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H04N 19/139 (2014.01)
H04N 19/13 (2014.01)
H04N 19/176 (2014.01)
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 (54) A fall arrest roof mount anchor
 (51) Int. Cl.
E04G 21/32 (2006.01)
A62B 35/00 (2006.01)
 (31) 2021902563 (32) 17.08.21 (33) AU
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 (54) An extendable needle davit assembly
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B66C 23/20 (2006.01)
B66C 23/26 (2006.01)
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E04G 21/32 (2006.01)
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 (54) IMPROVED SYSTEM AND METHOD FOR ALLOCATING VALUE TO TIME-KEEPER WORK
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G06Q 10/06 (2023.01)
G06F 17/40 (2006.01)
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B65F 1/16 (2006.01)
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 (74) Warren Wong

(71) Smalldre Pty Ltd
 (11) AU-A-2021218098
 (21) 2021218098 (22) 18.08.2021
 (54) Covering system
 (51) Int. Cl.
A01F 25/13 (2006.01)
A01F 25/08 (2006.01)
A01F 25/14 (2006.01)
A01F 25/22 (2006.01)
B65G 3/02 (2006.01)
 (43) 09.03.2023
 (72) SMALL, Gary
 (74) Davies Collison Cave Pty Ltd

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(71) Snap-on Incorporated
 (11) AU-A-2023200834
 (21) 2023200834 (22) 14.02.2023
 (54) Bracket for hanging receptacle
 (51) Int. Cl.
A47F 5/08 (2006.01)
 (43) 09.03.2023
 (62) 2020250244
 (72) GARGANO, Angelo J.
 (74) Griffith Hack

(71) Société des Produits Nestlé S.A.
 (11) AU-A-2023200788
 (21) 2023200788 (22) 13.02.2023
 (54) Nutritional compositions for reducing intestinal pathogens
 (51) Int. Cl.
A23L 33/10 (2016.01)
A23L 29/25 (2016.01)
A23L 33/21 (2016.01)
A61K 31/733 (2006.01)
A61K 31/736 (2006.01)
A61P 1/04 (2006.01)
A61P 1/12 (2006.01)
 (43) 09.03.2023
 (62) 2020244464
 (72) KLOSTERBUER, Abby; ROUGHEAD, Zamzam Kabiry (Fariba)
 (74) Spruson & Ferguson

(71) Société des Produits Nestlé S.A.
 (11) AU-A-2023200816
 (21) 2023200816 (22) 14.02.2023
 (54) Beverage composition useful in beverage capsules
 (51) Int. Cl.
A23F 5/26 (2006.01)
A23F 5/40 (2006.01)
 (43) 09.03.2023
 (62) 2017380872
 (72) PALZER, Stefan; JUNG, Marie-Laure; SARRAZIN-HORISBERGER, Celine; MAHARAJ, Amrit; NIEDERREITER, Gerhard
 (74) Spruson & Ferguson

(71) Sound Pharmaceuticals Incorporated
 (11) AU-A-2023200727
 (21) 2023200727 (22) 10.02.2023
 (54) Methods and compositions for treating psychotic disorders
 (51) Int. Cl.
A61P 25/18 (2006.01)
 (43) 09.03.2023
 (62) 2021200583
 (72) Kil, Jonathan
 (74) FB Rice Pty Ltd

(71) SOUTHSTAR TECHNOLOGIES LIMITED
 (11) AU-A-2021218200
 (21) 2021218200 (22) 20.08.2021
 (54) IMPROVEMENTS IN AND RELATING TO FERTILISER COMPOSITIONS
 (51) Int. Cl.
C05G 5/30 (2020.01)
C05C 9/00 (2006.01)

C05G 3/90 (2020.01)
C05G 5/12 (2020.01)
 (43) 09.03.2023
 (72) Zander, Murray Selwin; Zander, Jordan Ross; Zander, Regan James
 (74) James & Wells Intellectual Property

(71) Stan-Bishop, N.
 (11) AU-A-2021218237
 (21) 2021218237 (22) 20.08.2021
 (54) WEAR PROTECTION PAD
 (51) Int. Cl.
B60P 7/08 (2006.01)
F16B 2/22 (2006.01)
 (43) 09.03.2023
 (72) Stan-Bishop, Nicholas
 (74) Mann IP

(71) Stryker Corporation
 (11) AU-A-2023200793
 (21) 2023200793 (22) 13.02.2023
 (54) Surgical container with sensor module for monitoring the environment in the container
 (51) Int. Cl.
A61L 2/07 (2006.01)
A61L 2/28 (2006.01)
G01K 1/02 (2021.01)
G01L 19/00 (2006.01)
G01N 25/18 (2006.01)
 (43) 09.03.2023
 (62) 2021201140
 (72) Childers, Robert Warren; Henniges, Bruce; Hassler, William L.; Blandino, Tom; Jeng, David; Morris, Richard Franklin
 (74) Davies Collison Cave Pty Ltd

(71) Takeda Pharmaceutical Company Limited
 (11) AU-A-2023200572
 (21) 2023200572 (22) 03.02.2023
 (54) POOLING DEVICE FOR SINGLE OR MULTIPLE CONTAINERS
 (51) Int. Cl.
A61J 1/20 (2006.01)
A61M 5/00 (2006.01)
A61M 39/00 (2006.01)
 (43) 09.03.2023
 (62) 2021201307
 (72) SCHWEISS, Mark David; ROUSH, Daniel E.; HOLZNER, Stefan; JONES, Seth Dale; LOOPER, Anthony Martin; DHYANI, Tejas; SHAH, Michelle; GIBSON, Madeleine Clare; CHUNG, Jessica
 (74) Maxwells Patent & Trade Mark Attorneys Pty Ltd

(71) Taranis Power Group Pty Ltd
 (11) AU-A-2022204061
 (21) 2022204061 (22) 10.06.2022
 (54) Efficiency improvements for electromechanical system for driving a pump
 (51) Int. Cl.
H02P 29/00 (2016.01)

(71) The Boeing Company
 (11) AU-A-2022218578
 (21) 2022218578 (22) 18.08.2022
 (54) Systems and methods for confirming identity and location of an aircraft within an airspace
 (51) Int. Cl.
G08G 5/06 (2006.01)
B64C 13/20 (2006.01)
B64C 19/02 (2006.01)
B64D 43/00 (2006.01)
B64D 47/06 (2006.01)
 (31) 17/405,417 (32) 18.08.21 (33) US
 (43) 09.03.2023
 (72) KIMBERLY, Gregory; KIM, Jae H.
 (74) FB Rice Pty Ltd

(71) The Chinese University of Hong Kong
 (11) AU-A-2023200786
 (21) 2023200786 (22) 13.02.2023
 (54) Maternal plasma transcriptome analysis by massively parallel RNA sequencing
 (51) Int. Cl.
C12Q 1/68 (2018.01)
 (43) 09.03.2023
 (62) 2022200046
 (72) LO, Yuk Ming Dennis; CHIU, Rossa Wai Kwun; CHAN, Kwan Chee; JIANG, Peiyong; TSUI, Bo Yin
 (74) Griffith Hack

F04B 17/03 (2006.01)
F04B 49/06 (2006.01)
F04B 49/10 (2006.01)
F04C 28/28 (2006.01)
F04D 13/02 (2006.01)
F04D 27/00 (2006.01)
H02P 21/20 (2016.01)
F04D 15/00 (2006.01)
 (31) 2021902628 (32) 20.08.21 (33) AU
 (43) 09.03.2023
 (72) VETRONE, Joseph Rino; HOASCAR, Gabriel
 (74) Patenteur Pty Ltd

(71) TF Tech Ventures
 (11) AU-A-2023200748
 (21) 2023200748 (22) 10.02.2023
 (54) Rapidly disintegrating oral film matrix
 (51) Int. Cl.
A61K 9/00 (2006.01)
A61K 47/10 (2017.01)
A61K 47/32 (2006.01)
A61K 47/38 (2006.01)
 (43) 09.03.2023
 (62) 2019302664
 (72) BERNARDO, Jose; GIGI, Vered
 (74) Spruson & Ferguson

THANDRA, V. see SHAABAN, A.F.
 (21) 2023200675

(71) The Boeing Company
 (11) AU-A-2022218578
 (21) 2022218578 (22) 18.08.2022
 (54) Systems and methods for confirming identity and location of an aircraft within an airspace
 (51) Int. Cl.
G08G 5/06 (2006.01)
B64C 13/20 (2006.01)
B64C 19/02 (2006.01)
B64D 43/00 (2006.01)
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 (31) 17/405,417 (32) 18.08.21 (33) US
 (43) 09.03.2023
 (72) KIMBERLY, Gregory; KIM, Jae H.
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(71) The Chinese University of Hong Kong
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 (54) Maternal plasma transcriptome analysis by massively parallel RNA sequencing
 (51) Int. Cl.
C12Q 1/68 (2018.01)
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 (72) LO, Yuk Ming Dennis; CHIU, Rossa Wai Kwun; CHAN, Kwan Chee; JIANG, Peiyong; TSUI, Bo Yin
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(71) The EduPod Pty Ltd
 (11) AU-A-2021218050
 (21) 2021218050 (22) 17.08.2021

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- (54) A SOLE AND METHOD OF DETERMINING ATTRIBUTES THEREOF
(51) Int. Cl.
A43B 7/16 (2006.01)
A43B 7/22 (2006.01)
A43B 7/24 (2006.01)
A61B 5/107 (2006.01)
(43) 09.03.2023
(72) McLellan, Jason; McLellan, Sophie; Thomas, Elizabeth; Jacobs, Gary
(74) Wynnes Patent and Trade Mark Attorneys Pty Ltd
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- (71) The NOCO Company
(11) AU-A-2023200778
(21) 2023200778 (22) 13.02.2023
(54) Battery connector device for a battery jump starting device
(51) Int. Cl.
F02N 11/12 (2006.01)
F02N 11/14 (2006.01)
F02N 19/00 (2010.01)
H02J 7/00 (2006.01)
H02J 7/32 (2006.01)
(43) 09.03.2023
(62) 2020277175
(72) Nook, Jonathan Lewis; Nook, William Knight; Stanfield, James Richard; Underhill, Derek Michael
(74) Griffith Hack
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- (71) The Product Makers (Australia) Pty Ltd
(11) AU-A-2023200820
(21) 2023200820 (22) 14.02.2023
(54) Improving the taste of consumables
(51) Int. Cl.
A23L 29/30 (2016.01)
A23L 2/56 (2006.01)
A23L 27/30 (2016.01)
A23L 33/105 (2016.01)
C13B 20/12 (2011.01)
C13B 20/14 (2011.01)
(43) 09.03.2023
(62) 2018326393
(72) MITCHELL, Shane; KITCHEN, Barry; MACNAB, Gregor; NEOH, Julian; FLAVEL, Matthew
(74) FB Rice Pty Ltd
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- (71) The Regents of the University of California
(11) AU-A-2023200671
(21) 2023200671 (22) 08.02.2023
(54) Implants using ultrasonic backscatter for detecting electrophysiological signals
(51) Int. Cl.
A61B 5/00 (2006.01)
(43) 09.03.2023
(62) 2017292929
(72) Maharbiz, Michel M.; Seo, Dongjin; Shen, Konlin; Carmena, Jose M.; Neely, Ryan; Alon, Elad; Rabaey, Jan
(74) Davies Collison Cave Pty Ltd
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- (71) The Scripps Research Institute
(11) AU-A-2023200611
- (21) 2023200611 (22) 06.02.2023
(54) A method for the site-specific enzymatic labelling of nucleic acids in vitro by incorporation of unnatural nucleotides
(51) Int. Cl.
C07H 19/00 (2006.01)
C12N 15/09 (2006.01)
(43) 09.03.2023
(62) 2020256391
(72) Romesberg, Floyd E.; Malyshev, Denis A.; Li, Lingjun; Lavergne, Thomas; Li, Zhengtao
(74) FB Rice Pty Ltd
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- (71) The United States of America, as represented by the Secretary, Department of Health & Human Services
(11) AU-A-2023200712
(21) 2023200712 (22) 09.02.2023
(54) PREFUSION RSV F PROTEINS AND THEIR USE
(51) Int. Cl.
C07K 14/135 (2006.01)
A61K 38/10 (2006.01)
A61K 39/00 (2006.01)
A61K 39/155 (2006.01)
A61P 43/00 (2006.01)
C12N 15/45 (2006.01)
C12N 15/62 (2006.01)
(43) 09.03.2023
(62) 2021201468
(72) Kwong, Peter D.; Zhou, Tongqing; Yang, Yongping; Chuang, Gwo-yu; Chen, Lei; Boyington, Jeffrey; Pancera, Marie; Soto, Cinque; Srivatsan, Sanjay; Stewart-Jones, Guillaume; Graham, Barney S.; McLellan, Jason S.; Joyce, Michael Gordon; Kanekiyo, Masaru; Zhang, Baoshan; Ofek, Gilad; Sastry, Mallika; Chen, Man; Gorman, Jason; Georgiev, Ivelin Stefanov
(74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd
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- (71) The United States of America, as represented by the Secretary, Department of Health and Human Services
(11) AU-A-2023200608
(21) 2023200608 (22) 06.02.2023
(54) Anti-human papillomavirus 16 E7 T cell receptors
(51) Int. Cl.
C07K 14/725 (2006.01)
A61K 38/17 (2006.01)
(43) 09.03.2023
(62) 2021202227
(72) HINRICHS, Christian S.; ROSENBERG, Steven A.
(74) Spruson & Ferguson
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- (71) The United States of America, as represented by the Secretary, Department of Health and Human Services
(11) AU-A-2023200614
(21) 2023200614 (22) 07.02.2023
(54) Anti-mutated KRAS T cell receptors
(51) Int. Cl.
C07K 14/82 (2006.01)
A61K 45/06 (2006.01)
- A61K 39/00** (2006.01)
(43) 09.03.2023
(62) 2020203465
(72) WANG, Qiong J.; YU, Zhiya; YANG, James C.
(74) Spruson & Ferguson
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- (71) Thinking Ergonomix Pty Limited
(11) AU-A-2022221417
(21) 2022221417 (22) 23.08.2022
(54) Foldable table
(51) Int. Cl.
A47B 3/00 (2006.01)
A47B 3/08 (2006.01)
A47B 3/083 (2006.01)
A47B 21/06 (2006.01)
(31) 2021902655 (32) 23.08.21 (33) AU
(43) 09.03.2023
(72) Mak, Lowell; Eitelgoerge, Lukas
(74) IP SOLVED (ANZ) PTY. LTD.
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- (71) Toms, M.
(11) AU-A-2021218031
(21) 2021218031 (22) 17.08.2021
(54) Transporting drinking straws
(51) Int. Cl.
A45F 5/00 (2006.01)
A45C 13/00 (2006.01)
H04B 1/3888 (2015.01)
A45C 11/00 (2006.01)
A47G 19/30 (2006.01)
(43) 09.03.2023
(72) Toms, Mark Adam
(74) BRM Patent Attorneys Pty Ltd
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- (71) TransMedics, Inc.
(11) AU-A-2023200688
(21) 2023200688 (22) 08.02.2023
(54) Ex vivo organ care system
(51) Int. Cl.
A01N 1/02 (2006.01)
(43) 09.03.2023
(62) 2020270499
(72) HASSANEIN, Waleed H.; KHAYAL, Tamer I.; ELBETANONY, Ahmed; BARNES, Jeff; RITCHIE, Greg; BRINGHAM, Richard; ANDERSON, Mark; SULLIVAN, John
(74) Spruson & Ferguson
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- (71) Transportation IP Holdings, LLC
(11) AU-A-2022218489
(21) 2022218489 (22) 16.08.2022
(54) VEHICLE CONTROL SYSTEM AND METHOD
(51) Int. Cl.
G05D 1/02 (2020.01)
B60W 20/11 (2016.01)
B60W 20/12 (2016.01)
B60W 30/095 (2012.01)
B60W 50/14 (2020.01)
B60W 60/00 (2020.01)
G01S 5/02 (2010.01)
(31) 17/404,980 (32) 17.08.21 (33) US

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 (72) Manjunath, Avinash Hassan; Clifton, Steven Guy
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Trendsetter Vulcan Offshore, Inc.
 (11) AU-A-2023200725
 (21) 2023200725 (22) 10.02.2023
 (54) Systems and Methods for Tethering Subsea Blow-Out-Preventers
 (51) Int. Cl.
 E21B 33/064 (2006.01)
 B63B 21/50 (2006.01)
 E21B 41/00 (2006.01)
 E21B 41/08 (2006.01)
 E21B 43/01 (2006.01)

(43) 09.03.2023
 (62) 2020226629
 (72) MAHER, James V.; LA VIGNE, Donald; MCCELVEY, Daniel; BROWN, Ricky
 (74) Dark IP

(71) Tutela Technologies Ltd.
 (11) AU-A-2023200822
 (21) 2023200822 (22) 14.02.2023
 (54) System and method for evaluating wireless device and/or wireless network performance
 (51) Int. Cl.
 H04W 24/00 (2009.01)
 H04N 21/24 (2011.01)
 H04W 24/08 (2009.01)
 H04W 4/50 (2018.01)

(43) 09.03.2023
 (62) 2018209352
 (72) Chow, Brennen Stephen; MacDonald, Hunter Banford Bulmer; Yarish, David Daniel; Kroeker, Anthony Sean; Neville, Stephen William; Darcie, Thomas E.
 (74) Davies Collison Cave Pty Ltd

(71) Tutela Technologies Ltd.
 (11) AU-A-2023200823
 (21) 2023200823 (22) 14.02.2023
 (54) System and method for evaluating wireless device and/or wireless network performance
 (51) Int. Cl.
 H04W 24/00 (2009.01)
 H04N 21/24 (2011.01)
 H04W 24/08 (2009.01)
 H04W 4/50 (2018.01)

(43) 09.03.2023
 (62) 2018209352
 (72) Chow, Brennen Stephen; MacDonald, Hunter Banford Bulmer; Yarish, David Daniel; Kroeker, Anthony Sean; Neville, Stephen William; Darcie, Thomas E.
 (74) Davies Collison Cave Pty Ltd

(71) Universidad Politecnica de Madrid; Massachusetts Institute of Technology
 (11) AU-A-2023200739
 (21) 2023200739 (22) 10.02.2023
 (54) Systems, devices and methods for non-invasive hematological measurements
 (51) Int. Cl.

A61B 5/02 (2006.01)
 A61B 5/145 (2006.01)
 G06T 7/136 (2017.01)

(43) 09.03.2023
 (62) 2018352526
 (72) CASTRO-GONZALES, Carlos; BUTTERWORTH, Ian; BOURQUARD, Aurelien; SANCHEZ-FERRO, Alvaro; TUCKER-SCHWARTZ, Jason; PABLO-TRINIDAD, Alberto; LEDMESMA-CARBAYO, Maria J.; VETTENBURG, Tom
 (74) ALLENS PATENT & TRADE MARK ATTORNEYS

University of Arizona see Procyon Technologies LLC
 (21) 2023200672

(71) VAKALAPUDI, S.P.
 (11) AU-A-2023200458
 (21) 2023200458 (22) 27.01.2023
 (54) SYSTEM AND METHOD FOR VIDEO COMMUNICATION
 (51) Int. Cl.
 G06F 15/16 (2006.01)
 H04L 12/18 (2006.01)
 H04M 3/42 (2006.01)

(43) 09.03.2023
 (62) 2021200618
 (72) VAKALAPUDI, Siva Prasad
 (74) Siva Prasad VAKALAPUDI

(71) Valmont Highway International Pty Limited
 (11) AU-A-2021218191
 (21) 2021218191 (22) 20.08.2021
 (54) IMPROVEMENTS IN AND RELATING TO ROAD BARRIERS AND PARTS AND FITTINGS THEREFOR
 (51) Int. Cl.
 E01F 15/08 (2006.01)
 E01F 15/14 (2006.01)

(43) 09.03.2023
 (72) Brown, Leigh Robert
 (74) James & Wells Intellectual Property

(71) Vandermeer, W.
 (11) AU-A-2022218585
 (21) 2022218585 (22) 18.08.2022
 (54) Small Wheel Tyre Changer
 (51) Int. Cl.
 B60C 25/132 (2006.01)
 B60C 25/05 (2006.01)

(31) 2021902610 (32) 19.08.21 (33) AU
 (43) 09.03.2023
 (72) Vandermeer, Warren; Vandermeer, Johannes
 (74) Warren Trent Vandermeer

(71) Verily Life Sciences LLC
 (11) AU-A-2023200586
 (21) 2023200586 (22) 03.02.2023
 (54) Automated mass rearing system for insect larvae
 (51) Int. Cl.
 A01K 29/00 (2006.01)

A01K 61/00 (2017.01)
 A01K 67/00 (2006.01)
 A01K 67/033 (2006.01)
 B09B 3/00 (2022.01)
 C05F 3/00 (2006.01)

(43) 09.03.2023
 (62) 2017339390
 (72) MASSARO, Peter; SOBECKI, Robert; BEHLING, Charles; CRISWELL, Victor; ZHA, Tiantian; DEVENGENZO, Roman
 (74) Spruson & Ferguson

(71) VIAVI Solutions Inc.
 (11) AU-A-2023200691
 (21) 2023200691 (22) 08.02.2023
 (54) OPTICAL POLARIZING FILTER
 (51) Int. Cl.
 G02B 21/08 (2006.01)
 (43) 09.03.2023
 (62) 2018200642
 (72) HENDRIX, Karen Denise; ROWLANDS, Scott
 (74) James & Wells Intellectual Property

(71) Vilmorin & Cie
 (11) AU-A-2023200644
 (21) 2023200644 (22) 07.02.2023
 (54) RESISTANCE TO ToLCNDV IN SQUASH
 (51) Int. Cl.
 A01H 1/04 (2006.01)
 A01H 5/08 (2018.01)
 A01H 5/10 (2018.01)

(43) 09.03.2023
 (62) 2016352829
 (72) Mazet, Julien; Aguilar, Juan; Justafre, Isabelle; Lionneton, Eric
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Vortex Innovation Worx (Pty) Ltd
 (11) AU-A-2022218529
 (21) 2022218529 (22) 17.08.2022
 (54) Positioning arrangement
 (51) Int. Cl.
 B65D 25/22 (2006.01)
 B65D 25/28 (2006.01)
 B65D 90/00 (2006.01)
 B66C 1/22 (2006.01)
 (31) 2021/05906 (32) 18.08.21 (33) ZA
 (43) 09.03.2023
 (72) PANSENGROUW, Bester Jacobus
 (74) GLMR

(71) Vorwerk & Co. Interholding GmbH
 (11) AU-A-2022206827
 (21) 2022206827 (22) 22.07.2022
 (54) Kitchen appliance with a kitchen appliance base and a preparation module
 (51) Int. Cl.
 A47J 43/07 (2006.01)
 F25D 29/00 (2006.01)
 (31) 21192448.5 (32) 20.08.21 (33) EP
 (43) 09.03.2023
 (72) BAYARD, Christian
 (74) Collison & Co

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(71) Vorwerk & Co. Interholding GmbH
 (11) AU-A-2022206828
 (21) 2022206828 (22) 22.07.2022
 (54) Kitchen device base, preparation module, and kitchen device
 (51) Int. Cl.
A47J 44/02 (2006.01)
A47J 36/34 (2006.01)
A47J 43/07 (2006.01)
A47J 44/00 (2006.01)
 (31) 21192449.3 (32) 20.08.21 (33) EP
 (43) 09.03.2023
 (72) BAYARD, Christian
 (74) Collison & Co

(71) Voyager Therapeutics, Inc.
 (11) AU-A-2023200815
 (21) 2023200815 (22) 14.02.2023
 (54) Assays for the detection of AAV neutralizing antibodies
 (51) Int. Cl.
C12N 15/86 (2006.01)
C07K 16/00 (2006.01)
C12N 5/071 (2010.01)
C12N 15/00 (2006.01)
C12Q 1/70 (2006.01)
 (43) 09.03.2023
 (62) 2016362477
 (72) Novobrantseva, Tatiana I.; Sah, Dinah Wen-Yee
 (74) Griffith Hack

(71) W. L. Gore & Associates, Inc.
 (11) AU-A-2023200662
 (21) 2023200662 (22) 08.02.2023
 (54) Bioabsorbable medical devices
 (51) Int. Cl.
A61B 17/00 (2006.01)
A61B 17/12 (2006.01)
 (43) 09.03.2023
 (62) 2020208468
 (72) CHAN, Michael C.; CULLY, Edward H.; DUNCAN, Jeffrey B.; HAYES, Byron K.; JOYNSON, Samuel; MCDANIEL, Tom R.; MESSICK, David J.; SHAW, Edward E.
 (74) Griffith Hack

(71) W. L. Gore & Associates, Inc.
 (11) AU-A-2023200665
 (21) 2023200665 (22) 08.02.2023
 (54) Prosthetic valves, frames and leaflets and methods thereof
 (51) Int. Cl.
A61F 2/24 (2006.01)
 (43) 09.03.2023
 (62) 2020244552
 (72) BRUCHMAN, William C.; CRAWFORD, Daniel A.; HAGAMAN, Logan R.; HARTMAN, Cody L.
 (74) Griffith Hack

(71) Wellmarker Bio Co., Ltd.
 (11) AU-A-2021437023
 (21) 2021437023 (22) 20.08.2021
 (54) Anti-IGSF1 antibody and use thereof
 (51) Int. Cl.

C07K 16/18 (2006.01)
A61K 39/00 (2006.01)
 (43) 09.03.2023
 (72) KIM, Seong-Rak; SON, Hye-Jin; LEE, Mi-So; KIM, Ha-Na; LEE, Jun-Hyung; SHIN, Won-Hwa
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) White, S.
 (11) AU-A-2021218242
 (21) 2021218242 (22) 22.08.2021
 (54) A DRESSING FOR A COLOSTOMY CATHETER FITTING
 (51) Int. Cl.
A61F 13/02 (2006.01)
A61F 5/44 (2006.01)
A61F 13/00 (2006.01)
A61F 13/511 (2006.01)
A61F 5/445 (2006.01)
A61F 13/51 (2006.01)
A61M 3/02 (2006.01)
 (43) 09.03.2023
 (72) White, Stephanie
 (74) Stephanie Sue White

(71) Willcox, T.
 (11) AU-A-2021218095
 (21) 2021218095 (22) 18.08.2021
 (54) Rock bolt and method of installing same
 (51) Int. Cl.
E21D 21/02 (2006.01)
E21D 20/02 (2006.01)
E21D 21/00 (2006.01)
 (43) 09.03.2023
 (72) Willcox, Tim
 (74) COOPER IP PTY. LTD.

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(21) 2023200668
 (71) Woodside Energy Technologies Pty Ltd
 (11) AU-A-2021221429
 (21) 2021221429 (22) 23.08.2021
 (54) A Pneumatic Spray Gun
 (51) Int. Cl.
B05C 17/005 (2006.01)
B05B 11/10 (2023.01)
B05B 12/00 (2018.01)
 (43) 09.03.2023
 (72) Baensch, Travis
 (74) Griffith Hack

(71) Woolpert, Inc.
 (11) AU-A-2023200702
 (21) 2023200702 (22) 09.02.2023
 (54) AIRBORNE TOPO-BATHY LIDAR SYSTEM AND METHODS THEREOF
 (51) Int. Cl.
G01S 17/02 (2020.01)
G01S 17/08 (2006.01)
G01S 17/89 (2020.01)
 (43) 09.03.2023
 (62) 2020290980
 (72) HOPPER, Nathan Lee; SEPPI, Joseph R.; FAULKNER II., Rodney Ross;

SMITS II., Mark Douglas; PARK, Joongyong; MILLMAN, Mark Stephen; CAHOON, Eric Josef; COTTON, Christopher T.; GLUCKMAN, Joshua; HALTERMAN, Alexander Cheff; TUELL, Grady; STARK, Andrew Wallace; GERHARD, John Henry; LILLYCROP, William Jeffrey
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) XCMG, Construction Machinery Co., LTD. Building Machinery Co.
 (11) AU-A-2021250918
 (21) 2021250918 (22) 14.10.2021
 (54) FRAME STRUCTURE WITH UMBRELLA-SHAPED CARRYING DEVICE
 (51) Int. Cl.
B62D 55/084 (2006.01)
B62D 55/10 (2006.01)
 (31) 2021109522613 (32) 19.08.21 (33) CN
 (43) 09.03.2023
 (72) Ding, Meilian; Zhou, Chunhui; Ma, Aolin; Wang, Cheng; Meng, Lingqi
 (74) Madderns Pty Ltd

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 (21) 2023200591

(71) YETI Coolers, LLC
 (11) AU-A-2023200658
 (21) 2023200658 (22) 08.02.2023
 (54) CONTAINER AND METHOD OF FORMING A CONTAINER
 (51) Int. Cl.
A47J 41/00 (2006.01)
 (43) 09.03.2023
 (62) 2017346682
 (72) Tolman, John Alan; Nichols, Steve Charles; Abante, Edward
 (74) Southern Cross Intellectual Property

(71) Zimmer, Inc.
 (11) AU-A-2023200636
 (21) 2023200636 (22) 07.02.2023
 (54) SOFT TISSUE BALANCING IN ARTICULAR SURGERY
 (51) Int. Cl.
A61B 34/30 (2016.01)
A61B 5/00 (2006.01)
A61B 17/16 (2006.01)
A61B 17/56 (2006.01)
A61B 17/88 (2006.01)
A61B 34/10 (2016.01)
A61B 34/20 (2016.01)
 (43) 09.03.2023
 (62) 2021202048
 (72) Couture, Pierre; Richard, Alain; Boisvert, Olivier; Gogarty, Emily; Amiot, Louis-Philippe; Parratte, Sebastien; Li, Di; May, Brian M.; James, Dugal
 (74) PHILLIPS ORMONDE FITZPATRICK

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- (54) Autonomous cleaning systems principally for swimming pools
- (51) Int. Cl.
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- (62) 2019322204
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A01N 25/30 (2006.01)
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F28C 3/14 (2006.01)
F24S 80/20 (2018.01)
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A61K 41/00 (2020.01)
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(72) BLANCHARD, Dylan; HEINL, Tyler; HOCHMUTH, Roland Manfred
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) Amgen Inc.
(11) AU-A-2021326521
(21) 2021326521 (22) 12.08.2021
(54) RNAi constructs and methods for inhibiting MARC1 expression
(51) Int. Cl.
C12N 15/113 (2010.01)
A61K 31/713 (2006.01)
(87) WO2022/036126
(31) 63/065,190 (32) 13.08.20 (33) US
63/214,016 23.06.21 US
(43) 17.02.2022
(72) MURRAY, Justin K.; ZHANG, Jun; HOMANN, Oliver; LONG, Jason C.; MEADE, Bryan
(74) Spruson & Ferguson

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- (71) Amgen Inc.
 (11) AU-A-2021329374
 (21) 2021329374 (22) 19.08.2021
 (54) Antigen binding proteins with non-canonical disulfide in FAB region
 (51) Int. Cl.
 C07K 16/46 (2006.01)
 (87) WO2022/040466
 (31) 63/068,306 (32) 20.08.20 (33) US
 (43) 24.02.2022
 (72) GARCES, Fernando; WANG, Zhulun
 (74) Spruson & Ferguson
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- (71) Amicus Therapeutics, Inc.
 (11) AU-A-2021320419
 (21) 2021320419 (22) 06.08.2021
 (54) Vesicle targeting proteins and uses of same
 (51) Int. Cl.
 A61K 48/00 (2006.01)
 A61K 9/51 (2006.01)
 A61K 47/42 (2017.01)
 (87) WO2022/032140
 (31) 63/062,844 (32) 07.08.20 (33) US
 63/160,215 12.03.21 US
 (43) 10.02.2022
 (72) BAUMAN, Joseph; WU, Xiaoyang;
 MCANANY, Yuliya
 (74) Dark IP
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- (71) ANB Sensors Ltd
 (11) AU-A-2021348233
 (21) 2021348233 (22) 23.09.2021
 (54) Electrochemical ph sensor
 (51) Int. Cl.
 G01N 27/30 (2006.01)
 G01N 27/48 (2006.01)
 (87) WO2022/063936
 (31) 2015037.1 (32) 23.09.20 (33) GB
 (43) 31.03.2022
 (72) LAWRENCE, Nathan; GAHLINGS,
 Steven A.; MCGUINNESS, Kay Louise;
 MIRANDA, Monica
 (74) Golja Haines & Friend
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- (71) Andritz AG
 (11) AU-A-2021349971
 (21) 2021349971 (22) 01.07.2021
 (54) Drive arrangement, and drive arrangement for a twin-wire press
 (51) Int. Cl.
 D21F 3/04 (2006.01)
 D21F 7/02 (2006.01)
 D21F 9/00 (2006.01)
 D21G 1/02 (2006.01)
 (87) WO2022/063453
 (31) A50823/2020 (32) 28.09.20 (33) AT
 (43) 31.03.2022
 (72) MEHINAGIC, Mahir; KULHANEK,
 Ewald
 (74) Spruson & Ferguson
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- (71) Antonucci, D.
 (11) AU-A-2021322192
 (21) 2021322192 (22) 03.08.2021
 (54) Multi-directional gliding arm rest pad device
 (51) Int. Cl.
 A47C 7/54 (2006.01)
 A47C 1/03 (2006.01)
 A47C 7/68 (2006.01)
 (87) WO2022/031713
 (31) 63/060,381 (32) 03.08.20 (33) US
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 (43) 10.02.2022
 (72) ANTONUCCI, Daniel
 (74) FPA Patent Attorneys Pty Ltd
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- (71) ANUE AS
 (11) AU-A-2021314989
 (21) 2021314989 (22) 30.07.2021
 (54) Breastmilk sample collection
 (51) Int. Cl.
 B01L 3/00 (2006.01)
 B01L 3/02 (2006.01)
 B65D 21/02 (2006.01)
 B65D 47/06 (2006.01)
 (87) WO2022/023575
 (31) 2011998.8 (32) 31.07.20 (33) GB
 (43) 03.02.2022
 (72) GRØNNSELETT, Jeanette Therese;
 BORKAMO, Gøran Jensen; ØIES-
 VOLD, Anne Lise
 (74) Spruson & Ferguson
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- (71) Apergy Artificial Lift Pty Ltd
 (11) AU-A-2021351470
 (21) 2021351470 (22) 30.09.2021
 (54) Drive head assembly
 (51) Int. Cl.
 E21B 33/03 (2006.01)
 E21B 43/12 (2006.01)
 F16J 15/18 (2006.01)
 F16J 15/26 (2006.01)
 (87) WO2022/067387
 (31) 2020903530 (32) 30.09.20 (33) AU
 (43) 07.04.2022
 (72) MCKAY, Scott; MACLEOD, Jody; RIM-
 MER, Ian
 (74) Griffith Hack
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- (71) APPLAUSE PHARMA CO., LTD.
 (11) AU-A-2021309295
 (21) 2021309295 (22) 30.04.2021
 (54) Pharmaceutical composition containing cerium compound as active ingredient
 (51) Int. Cl.
 A61K 33/244 (2019.01)
 A61K 9/51 (2006.01)
 A61K 47/12 (2006.01)
 A61K 47/18 (2017.01)
 A61K 47/32 (2006.01)
 A61P 7/08 (2006.01)
 A61P 13/12 (2006.01)
 C01F 17/235 (2020.01)
 (87) WO2022/014122
 (31) 2020-119746 (32) 13.07.20 (33) JP
 (43) 20.01.2022
 (72) KAWAGUCHI, Tsunetaka; NA-
 KATSU, Masaharu; OGAWA, Yukihiko;
 HASHIMOTO, Akiko
 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd
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- (71) Aquapak Polymers Limited
 (11) AU-A-2021305370
 (21) 2021305370 (22) 06.07.2021
 (54) Method for manufacture of a plasticised polyvinyl alcohol mixture
 (51) Int. Cl.
 C08J 3/18 (2006.01)
 C08K 5/053 (2006.01)
 C08K 5/3412 (2006.01)
 C08L 29/04 (2006.01)
 (87) WO2022/008516
 (31) 20184345.5 (32) 06.07.20 (33) EP
 (43) 13.01.2022
 (72) WILLIAMS, John; GRIFFITHS, Sian;
 ASHWORTH, Robert
 (74) Baxter Patent Attorneys Pty Ltd
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- (71) Aquapak Polymers Limited
 (11) AU-A-2021305371
 (21) 2021305371 (22) 06.07.2021
 (54) Process for manufacture of plasticised homopolymeric polyvinyl alcohol and plasticised polyvinyl alcohol polymer obtained therefrom
 (51) Int. Cl.
 C08J 3/18 (2006.01)
 C08K 5/053 (2006.01)
 C08K 5/09 (2006.01)
 C08K 5/098 (2006.01)
 C08L 29/04 (2006.01)
 (87) WO2022/008521
 (31) 20184345.5 (32) 06.07.20 (33) EP
 (43) 13.01.2022
 (72) WILLIAMS, John; GRIFFITHS, Sian;
 ASHFORD, Robert
 (74) Baxter Patent Attorneys Pty Ltd
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- (71) Ariens Company
 (11) AU-A-2021325092
 (21) 2021325092 (22) 13.08.2021
 (54) Vehicle control module for autonomous vehicle
 (51) Int. Cl.
 A01D 34/67 (2006.01)
 A01D 34/00 (2006.01)
 A01D 34/78 (2006.01)
 (87) WO2022/036192
 (31) 63/066,066 (32) 14.08.20 (33) US
 (43) 17.02.2022
 (72) SIEBERT, Craig; KOMMES, Kristopher M.; HOLETON, Michael J.
 (74) Griffith Hack
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- (71) Asahi Group Holdings, Ltd.
 (11) AU-A-2021331296
 (21) 2021331296 (22) 30.08.2021
 (54) Composition having reducibility
 (51) Int. Cl.
 C12N 1/16 (2006.01)
 (87) WO2022/045330
 (31) 2020-145728 (32) 31.08.20 (33) JP
 (43) 03.03.2022
 (72) KITAGAWA, Takanori; KATSUR-
 AGAWA, Kazuhiko
 (74) Spruson & Ferguson

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- (71) ASAP BreatheAssist Pty Ltd
 (11) AU-A-2021317741
 (21) 2021317741 (22) 13.07.2021
 (54) Sample collection device, sample collection kit, sample collection system, diagnostic device, and associated methods
 (51) Int. Cl.
A61B 10/00 (2006.01)
 (87) WO2022/020877
 (31) 2020902417 (32) 13.07.20 (33) AU
 2020903519 29.09.20 AU
 2020903763 16.10.20 AU
 2020904284 19.11.20 AU
 (43) 03.02.2022
 (72) JOHNSON, Michael Ralph Burgess; ARMISTEAD, Justin Robert; HARTLEY, Toby James
 (74) WRAYS PTY LTD
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- (71) ASAP BreatheAssist Pty Ltd
 (11) AU-A-2021318600
 (21) 2021318600 (22) 13.07.2021
 (54) Agent delivery device, agent delivery system, and method of delivering an agent
 (51) Int. Cl.
A61M 31/00 (2006.01)
A61M 15/08 (2006.01)
A61M 35/00 (2006.01)
A61M 37/00 (2006.01)
 (87) WO2022/020878
 (31) 2020902417 (32) 13.07.20 (33) AU
 2020903519 29.09.20 AU
 2020903763 16.10.20 AU
 2020904284 19.11.20 AU
 (43) 03.02.2022
 (72) JOHNSON, Michael Ralph Burgess; ARMISTEAD, Justin Robert; HARTLEY, Toby James
 (74) WRAYS PTY LTD
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- (71) Ascendis Pharma Oncology Division A/S
 (11) AU-A-2021335032
 (21) 2021335032 (22) 27.08.2021
 (54) Glycosylated IL-2 proteins and uses thereof
 (51) Int. Cl.
C07K 14/55 (2006.01)
A61K 38/20 (2006.01)
A61P 35/00 (2006.01)
C12N 15/09 (2006.01)
 (87) WO2022/043493
 (31) 63/071,627 (32) 28.08.20 (33) US
 20202306.5 16.10.20 EP
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 21162023.2 11.03.21 EP
 (43) 03.03.2022
 (72) OKKELS, Sigurd; ROSEN, David B.; LAUFER, Burkhardt; KNAPPE, Thomas
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
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- (71) AstraZeneca UK Limited
 (11) AU-A-2021313348
 (21) 2021313348 (22) 19.07.2021
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- (54) SARS-CoV-2 proteins, anti-SARS-CoV-2 antibodies, and methods of using the same
 (51) Int. Cl.
C07K 16/10 (2006.01)
 (87) WO2022/018040
 (31) 63/054,104 (32) 20.07.20 (33) US
 (43) 27.01.2022
 (72) HUGHES, Glen; MARCH, Ruth E.; ES-SER, Mark; MCTAMNEY II, Patrick; LOO, Yueh-Ming; VARKEY, Reena M.; DU, Qun; STEINHARDT, James; RAJAN, Saravanan
 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) Auriga Polymers, Inc.
 (11) AU-A-2021325856
 (21) 2021325856 (22) 09.08.2021
 (54) Process for purification of recovered glycol from chemical recycling of waste polyester
 (51) Int. Cl.
C07C 29/86 (2006.01)
B01J 31/24 (2006.01)
C07C 29/149 (2006.01)
 (87) WO2022/035725
 (31) 63/063,479 (32) 10.08.20 (33) US
 (43) 17.02.2022
 (72) KOWALSKE, Michael; SMITH, Jason; OSORNIO, Miguel; FILANOVA, Matthew
 (74) WRAYS PTY LTD
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- (71) Aury Australia Pty Ltd
 (11) AU-A-2021327306
 (21) 2021327306 (22) 15.08.2021
 (54) Screen arrangement
 (51) Int. Cl.
B07B 1/46 (2006.01)
B07B 1/00 (2006.01)
F16B 5/00 (2006.01)
F16B 19/00 (2006.01)
F16B 21/07 (2006.01)
 (87) WO2022/036392
 (31) 2020902933 (32) 18.08.20 (33) AU
 (43) 24.02.2022
 (72) PRINGLE, Bradley William; EATHER, Noel James
 (74) Caska Intellectual Property Pty Ltd
-
- (71) Axxess Global Sciences, LLC.
 (11) AU-A-2021311835
 (21) 2021311835 (22) 23.07.2021
 (54) Administration of beta-hydroxybutyrate and related compounds in humans for the treatment and/or prevention of respiratory illnesses
 (51) Int. Cl.
A61K 31/4178 (2006.01)
A61K 31/4439 (2006.01)
A61K 31/704 (2006.01)
 (87) WO2022/020781
 (31) 63/055,798 (32) 23.07.20 (33) US
 17/384,632 23.07.21 US
 (43) 27.01.2022
 (72) LOWERY, Ryan; JACOB, Wilson
 (74) Davies Collison Cave Pty Ltd
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- (71) Baker Hughes Oilfield Operations LLC
 (11) AU-A-2021320503
 (21) 2021320503 (22) 29.07.2021
 (54) Equalizing cartridge for a flapper valve
 (51) Int. Cl.
E21B 34/10 (2006.01)
E21B 34/12 (2006.01)
 (87) WO2022/032264
 (31) 16/983,029 (32) 03.08.20 (33) US
 (43) 10.02.2022
 (72) JOHNSON, Jeffrey
 (74) FPA Patent Attorneys Pty Ltd
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- (71) Baker Hughes Oilfield Operations LLC
 (11) AU-A-2021325175
 (21) 2021325175 (22) 10.08.2021
 (54) Adjustable flowline connections
 (51) Int. Cl.
E21B 43/01 (2006.01)
E21B 17/043 (2006.01)
F16L 27/053 (2006.01)
F16L 27/06 (2006.01)
 (87) WO2022/036350
 (31) 16/991,848 (32) 12.08.20 (33) US
 (43) 17.02.2022
 (72) CHOATE, Jeremy; ADAMS, Keith; UDIPI, Mahesha; MUNK, Brian N.; MONTOYA, Blanca Estela
 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) Battelle Memorial Institute
 (11) AU-A-2021316179
 (21) 2021316179 (22) 20.07.2021
 (54) Amine-appended chemical sorbent
 (51) Int. Cl.
C08G 59/20 (2006.01)
C08G 65/40 (2006.01)
 (87) WO2022/026241
 (31) 63/059,369 (32) 31.07.20 (33) US
 (43) 03.02.2022
 (72) HOPKINSON, David; SEKIZKARDES, Ali K.
 (74) Griffith Hack
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- (71) Battelle Memorial Institute
 (11) AU-A-2021318167
 (21) 2021318167 (22) 30.07.2021
 (54) Virtual patch electrodes for electrical muscle stimulation and transcutaneous electrical nerve stimulation
 (51) Int. Cl.
A61N 1/04 (2006.01)
 (87) WO2022/026871
 (31) 63/058,914 (32) 30.07.20 (33) US
 (43) 03.02.2022
 (72) DUNLAP, Collin F.; COLACHIS, Sam; BRANCH, Joshua R.
 (74) Spruson & Ferguson
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- (71) Baxter International Inc.; Baxter Healthcare SA
 (11) AU-A-2021329888
 (21) 2021329888 (22) 18.08.2021
 (54) Handheld gas spray system for mixing and dispensing multi-component compositions
 (51) Int. Cl.

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- A61B 17/00** (2006.01)
B05B 7/00 (2006.01)
B05B 7/04 (2006.01)
B05B 7/12 (2006.01)
B05B 7/24 (2006.01)
B05B 12/00 (2018.01)
B05B 15/55 (2018.01)
(87) WO2022/040262
(31) 63/068,666 **(32)** 21.08.20 **(33)** US
(43) 24.02.2022
(72) PARIS, Spencer Scott; MOSLEY, Evan Joseph; MANKAR, Nikhil
(74) K&L Gates
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- (71)** Bayer Aktiengesellschaft
(11) AU-A-2021324064
(21) 2021324064 **(22)** 10.08.2021
(54) Cyclic chemerin-9 derivatives
(51) Int. Cl.
A61K 38/00 (2006.01)
C07K 14/47 (2006.01)
(87) WO2022/034057
(31) 20190794.6 **(32)** 12.08.20 **(33)** EP
(43) 17.02.2022
(72) KRÄHLING, Jan Robert; RIEDL, Bernd; BECK-SICKINGER, Annette; FISCHER, Tobias; CZERNIAK, Anne; ELSHEINDL, Sylvia
(74) Davies Collison Cave Pty Ltd
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- (71)** BDR LIFESCIENCES PRIVATE LIMITED
(11) AU-A-2021321561
(21) 2021321561 **(22)** 06.08.2021
(54) An improved highly efficient process for the preparation of nintedanib and pharmaceutically acceptable salt thereof
(51) Int. Cl.
A61K 31/00 (2006.01)
C07D 207/16 (2006.01)
C07D 209/34 (2006.01)
(87) WO2022/029805
(31) 202021033796 **(32)** 07.08.20 **(33)** IN
(43) 10.02.2022
(72) DHARMESH MAHENDRABHAI, Shah; TUSHAR BHARATKUMAR, Mehta; RAJENDRAKUMAR GOKALBHAI, Chavda; HARSHAD GHANSHYAMBHAI, Kathrotiya; ARPIT KIRITBHAI, Patel; MANISH BHIKHABHAI, Karad; SAGAR PREMJBHAI, Kothadiya
(74) Acumen Intellectual Property
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- (71)** BD SWITZERLAND SÀRL
(11) AU-A-2021313774
(21) 2021313774 **(22)** 09.06.2021
(54) Infusion pump system
(51) Int. Cl.
A61M 5/14 (2006.01)
A61M 5/142 (2006.01)
(87) WO2022/020023
(31) 63/055,792 **(32)** 23.07.20 **(33)** US
(43) 27.01.2022
(72) TRAVIS, Lee William; WARD, Brian William; ANDERSON, Jon
(74) FB Rice Pty Ltd
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- (71)** Becton, Dickinson and Company
(11) AU-A-2021311596
(21) 2021311596 **(22)** 21.07.2021
(54) Valve assembly for drug delivery device
(51) Int. Cl.
A61M 5/162 (2006.01)
A61M 5/24 (2006.01)
A61M 39/10 (2006.01)
(87) WO2022/020419
(31) 63/054,850 **(32)** 22.07.20 **(33)** US
(43) 27.01.2022
(72) RABOLLI, Christina
(74) FB Rice Pty Ltd
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- (71)** Becton, Dickinson and Company
(11) AU-A-2021313056
(21) 2021313056 **(22)** 08.07.2021
(54) Catheter position indicator and related systems
(51) Int. Cl.
A61M 25/06 (2006.01)
(87) WO2022/020104
(31) 63/055,210 **(32)** 22.07.20 **(33)** US
(43) 17/362,606 29.06.21 US
(43) 27.01.2022
(72) LACKEY, John; MA, Yiping; SPATARO, Joseph
(74) FB Rice Pty Ltd
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- (71)** Becton Dickinson France; Becton, Dickinson and Company
(11) AU-A-2021316655
(21) 2021316655 **(22)** 26.07.2021
(54) Medical container, such as a pre-fillable or prefilled syringe, comprising a RFID tag for remote identification of said medical container
(51) Int. Cl.
A61M 5/158 (2006.01)
A61B 90/90 (2016.01)
A61M 5/31 (2006.01)
A61M 5/32 (2006.01)
A61M 5/34 (2006.01)
(87) WO2022/023281
(31) 20305859.9 **(32)** 27.07.20 **(33)** EP
(43) 03.02.2022
(72) RIVIER, Cédric; EUVRARD, Nicolas
(74) FB Rice Pty Ltd
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- (71)** Beijing Solobio Genetechnology Co., Ltd.
(11) AU-A-2021323178
(21) 2021323178 **(22)** 04.08.2021
(54) Antibodies specifically recognizing pseudomonas PsL and uses thereof
(51) Int. Cl.
C07K 16/00 (2006.01)
A61K 39/395 (2006.01)
A61P 31/00 (2006.01)
C12N 15/00 (2006.01)
(87) WO2022/028444
(31) PCT/ CN2020/107666 **(32)** 07.08.20 **(33)** CN
(43) 10.02.2022
(72) LI, Zhong; YU, Maorong
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71)** Beijing Tide Pharmaceutical Co., Ltd.
(11) AU-A-2021313124
(21) 2021313124 **(22)** 21.07.2021
(54) Method for treating graft versus host disease caused by hematopoietic stem cell transplantation
(51) Int. Cl.
A61K 31/506 (2006.01)
A61K 31/416 (2006.01)
A61P 37/00 (2006.01)
A61P 37/06 (2006.01)
C07D 401/02 (2006.01)
C07D 401/14 (2006.01)
(87) WO2022/017412
(31) 202010713637.0 **(32)** 22.07.20 **(33)** CN
(43) 27.01.2022
(72) CHENG, Cheungling; ZHAO, Yanping; WANG, Hongjun; ZHONG, Weiting; LI, Jing; ZHAO, Jing; LIU, Weina
(74) FB Rice Pty Ltd
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- (71)** Binder + Co AG
(11) AU-A-2020464317
(21) 2020464317 **(22)** 21.08.2020
(54) Device for producing expanded granulated material
(51) Int. Cl.
F27B 1/20 (2006.01)
C04B 20/06 (2006.01)
F27B 15/08 (2006.01)
F27D 3/00 (2006.01)
(87) WO2022/037796
(43) 24.02.2022
(72) KREMER, Hartmut; NEUBACHER, Julian; TSCHERNKO, Harald
(74) FB Rice Pty Ltd
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- (71)** Biodental Remin Ltd
(11) AU-A-2021306733
(21) 2021306733 **(22)** 08.07.2021
(54) Dental compositions
(51) Int. Cl.
A61K 6/838 (2020.01)
A23L 33/165 (2016.01)
A61K 6/20 (2020.01)
A61K 8/19 (2006.01)
A61K 8/24 (2006.01)
A61K 8/60 (2006.01)
A61K 9/00 (2006.01)
A61K 33/06 (2006.01)
A61K 33/14 (2006.01)
A61K 33/42 (2006.01)
A61P 1/02 (2006.01)
A61Q 11/00 (2006.01)
(87) WO2022/006632
(31) 2020902362 **(32)** 08.07.20 **(33)** AU
(43) 13.01.2022
(72) MCINTOSH, Ian; HILKE, Bjorn Kentaro
(74) Spruson & Ferguson
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- (71)** Biofarma S.r.L.
(11) AU-A-2021321470
(21) 2021321470 **(22)** 30.07.2021
(54) Pharmaceutical compositions for the treatment and prevention of urinary tract infections
(51) Int. Cl.
A61K 36/481 (2006.01)
A23L 29/25 (2016.01)

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- A23L 33/21** (2016.01)
A23L 33/26 (2016.01)
A61K 31/702 (2006.01)
A61K 36/288 (2006.01)
A61P 13/00 (2006.01)
A61P 31/04 (2006.01)
(87) WO2022/029578
(31) 102020000019603 **(32)** 07.08.20 **(33)** IT
(43) 10.02.2022
(72) TERRUZZI, Carlo; TERRUZZI, Fabio Pietro
(74) Baxter Patent Attorneys Pty Ltd
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- (71)** Block, Inc.
(11) AU-A-2021318866
(21) 2021318866 **(22)** 19.07.2021
(54) Embedded application within a buyer application
(51) Int. Cl.
G06Q 30/06 (2012.01)
G06Q 20/32 (2012.01)
(87) WO2022/026227
(31) 17/113,971 **(32)** 07.12.20 **(33)** US
 63/058,841 30.07.20 US
 17/114,015 07.12.20 US
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 17/114,080 07.12.20 US
(43) 03.02.2022
(72) GOOLKASIAN, Philip; LABBE, Brandon; ODEMCHUK, Vitaly; FOROUZANDEH, Shaun; STELGALL, Brian; BENNING, Todd; KURSMARK, Matthew T.; MAHANTI, Arjun; PERRY, Marc David; WIGGINTON, Kenneth Randall Kinsella
(74) FB Rice Pty Ltd
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- (71)** Block, Inc.
(11) AU-A-2021327946
(21) 2021327946 **(22)** 17.06.2021
(54) Customer-device application sites accessible via merchant-managed identifiers
(51) Int. Cl.
G06Q 30/06 (2012.01)
G06Q 20/32 (2012.01)
(87) WO2022/039825
(31) 16/998,921 **(32)** 20.08.20 **(33)** US
(43) 24.02.2022
(72) SWETT, Katherine; RICHARDS, Drew; REN, Xuanhua; STRAGHALIS, Neil; ODEMCHUK, Vitaly; FONG, Lisa; AHN, Katherine; PEARSON, David
(74) FB Rice Pty Ltd
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- (71)** Blue Buffalo Enterprises, Inc.
(11) AU-A-2021318969
(21) 2021318969 **(22)** 28.07.2021
(54) Pet food
(51) Int. Cl.
A23K 20/158 (2016.01)
A23K 40/30 (2016.01)
A23P 20/10 (2016.01)
(87) WO2022/026517
(31) 63/058,562 **(32)** 30.07.20 **(33)** US
(43) 03.02.2022
(72) GARRETSON, Lisa; WEATHERBY, Natasha; YANG, Cha
(74) FB Rice Pty Ltd
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- (71)** Board of Regents, The University of Texas System
(11) AU-A-2021316022
(21) 2021316022 **(22)** 29.07.2021
(54) Nanofabrication of deterministic diagnostic devices
(51) Int. Cl.
B01L 3/00 (2006.01)
B01D 29/03 (2006.01)
B01D 43/00 (2006.01)
B01D 67/00 (2006.01)
C02F 1/00 (2006.01)
G01N 30/26 (2006.01)
H01L 21/02 (2006.01)
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(31) 63/058,284 **(32)** 29.07.20 **(33)** US
(43) 03.02.2022
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(74) PHILLIPS ORMONDE FITZPATRICK
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- (71)** Board of Regents, The University of Texas System
(11) AU-A-2021326545
(21) 2021326545 **(22)** 14.08.2021
(54) Texaphyrin derivatives for manganese chemotherapy, photoacoustic imaging, and photothermal therapy
(51) Int. Cl.
A61K 41/00 (2020.01)
A61K 31/555 (2006.01)
C07D 487/12 (2006.01)
(87) WO2022/036292
(31) 63/066,001 **(32)** 14.08.20 **(33)** US
(43) 17.02.2022
(72) SESSLER, Jonathan L.; SEDGWICK, Adam C.; THIABAUD, Gregory; ARAMBULA, Jonathan
(74) RnB IP
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- (71)** Board of Trustees of Michigan State University
(11) AU-A-2021325660
(21) 2021325660 **(22)** 05.08.2021
(54) Solid thermochemical fuel apparatus
(51) Int. Cl.
F02D 9/00 (2006.01)
(87) WO2022/035672
(31) 63/064,256 **(32)** 11.08.20 **(33)** US
 63/144,120 01.02.21 US
(43) 17.02.2022
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(74) Oxygene IP
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- (71)** Bodrozic, V.
(11) AU-A-2021323426
(21) 2021323426 **(22)** 11.08.2021
(54) Light modification apparatus
(51) Int. Cl.
E06B 9/24 (2006.01)
E06B 9/264 (2006.01)
(87) WO2022/034322
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- (31)** 2012493.9
 2100397.5
 2100398.3
 2100493.2
(43) 17.02.2022
(72) BODROZIC, Vladimir
(74) Caska Intellectual Property Pty Ltd
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 2100397.5 12.01.21 GB
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- (71)** Borealis AG
(11) AU-A-2021303475
(21) 2021303475 **(22)** 07.07.2021
(54) Polyethylene pipe resin with high resistance to slow crack growth
(51) Int. Cl.
C08L 23/08 (2006.01)
F16L 9/12 (2006.01)
(87) WO2022/008607
(31) 20185204.3 **(32)** 10.07.20 **(33)** EP
(43) 13.01.2022
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(74) FB Rice Pty Ltd
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- (71)** Boveta Nutrition LLC
(11) AU-A-2021326702
(21) 2021326702 **(22)** 05.08.2021
(54) Systems and methods for formulating ruminant diets
(51) Int. Cl.
A23D 9/00 (2006.01)
A23K 10/00 (2016.01)
A23K 20/142 (2016.01)
A23K 50/10 (2016.01)
A23L 5/00 (2016.01)
G06Q 50/02 (2012.01)
(87) WO2022/039942
(31) 63/067,721 **(32)** 19.08.20 **(33)** US
(43) 24.02.2022
(72) KERLEY, Monty S.
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71)** BPG Sales and Technology Investments, LLC
(11) AU-A-2021328456
(21) 2021328456 **(22)** 18.08.2021
(54) Vehicular floor target alignment for sensor calibration
(51) Int. Cl.
G01B 11/275 (2006.01)
B60S 5/00 (2006.01)
G01M 17/007 (2006.01)
G01S 7/40 (2006.01)
G01S 13/931 (2020.01)
G07C 5/08 (2006.01)
(87) WO2022/038544
(31) 63/067,158 **(32)** 18.08.20 **(33)** US
(43) 24.02.2022
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(54) T-handle ball valve lockout

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F16K 35/10 (2006.01)
F16K 31/60 (2006.01)
F16K 35/00 (2006.01)
F16K 37/00 (2006.01)
(87) WO2022/039743
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(72) ENGER, Andrew, N.; GLADKOV, Gene
(74) Spruson & Ferguson
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- (71) Briotech, Inc.
(11) AU-A-2021320402
(21) 2021320402 (22) 06.08.2021
(54) Deployable, remotely-controlled, pure hypochlorous acid manufacturing system and method
(51) Int. Cl.
C25B 1/46 (2006.01)
C02F 1/461 (2006.01)
C25B 1/22 (2006.01)
C25B 1/26 (2006.01)
C25B 1/50 (2021.01)
C25B 11/04 (2021.01)
C25B 15/02 (2021.01)
C25B 15/031 (2021.01)
C25B 15/08 (2006.01)
(87) WO2022/032115
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(43) 10.02.2022
(72) TERRY, Daniel J.; WILLIAMS, Jeffrey F.; DAY, Robert
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- (71) Bristol-Myers Squibb Company
(11) AU-A-2021305293
(21) 2021305293 (22) 08.07.2021
(54) Pyrazolone formyl peptide 2 receptor agonists
(51) Int. Cl.
C07D 231/44 (2006.01)
A61K 31/4152 (2006.01)
A61P 9/00 (2006.01)
A61P 11/00 (2006.01)
C07D 401/04 (2006.01)
C07D 401/14 (2006.01)
C07D 403/04 (2006.01)
C07D 407/14 (2006.01)
C07D 413/06 (2006.01)
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C07D 451/02 (2006.01)
C07D 487/08 (2006.01)
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(11) AU-A-2021323429
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(54) Improvements in or relating to container carriers
- (51) Int. Cl.
B65D 71/40 (2006.01)
(87) WO2022/034328
(31) 2012581.1 (32) 12.08.20 (33) GB
(43) 17.02.2022
(72) BATES, Stephen
(74) KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD
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(21) 2021324650 (22) 09.08.2021
(54) Improved cupping device, system, and features
(51) Int. Cl.
A61H 9/00 (2006.01)
(87) WO2022/035753
(31) 63/063,537 (32) 10.08.20 (33) US
(43) 17.02.2022
(72) BROWN, Cynthia, R.
(74) FPA Patent Attorneys Pty Ltd
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(11) AU-A-2021320042
(21) 2021320042 (22) 02.08.2021
(54) Proximal humeral fixation plate and method for placing such a fixation plate
(51) Int. Cl.
A61B 17/80 (2006.01)
A61B 17/04 (2006.01)
(87) WO2022/029592
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(43) 10.02.2022
(72) PUTZEYS, Guy
(74) FPA Patent Attorneys Pty Ltd
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- (71) CANBIOCIN INC.
(11) AU-A-2021300883
(21) 2021300883 (22) 29.06.2021
(54) Compositions and related methods for supporting companion animals with gastrointestinal disorders
(51) Int. Cl.
C12N 1/20 (2006.01)
A23K 10/16 (2016.01)
A23K 20/00 (2016.01)
A23K 20/10 (2016.01)
A23K 50/40 (2016.01)
A23L 33/135 (2016.01)
A61K 35/744 (2015.01)
A61K 35/747 (2015.01)
A61P 1/00 (2006.01)
(87) WO2022/000080
(31) 63/045,283 (32) 29.06.20 (33) US
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(74) Madderns Pty Ltd
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- (71) Capital One Services, LLC
(11) AU-A-2021320649
(21) 2021320649 (22) 03.08.2021
(54) Systems and methods for controlling secured data transfer via URLs
(51) Int. Cl.
H04W 12/02 (2009.01)
G06Q 20/38 (2012.01)
- H04W 12/03** (2021.01)
H04W 12/47 (2021.01)
H04W 12/63 (2021.01)
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(31) 16/985,973 (32) 05.08.20 (33) US
(43) 10.02.2022
(72) HART, Colin; RULE, Jeffrey; NEWMAN, Kaitlin; CODY, Lea
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- (71) Capital One Services, LLC
(11) AU-A-2021324940
(21) 2021324940 (22) 05.08.2021
(54) Systems and methods for verified messaging via short-range transceiver
(51) Int. Cl.
H04L 9/32 (2006.01)
G06F 21/35 (2013.01)
H04W 12/71 (2021.01)
(87) WO2022/035669
(31) 16/990,235 (32) 11.08.20 (33) US
(43) 17.02.2022
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(74) Spruson & Ferguson
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- (71) Capital One Services, LLC
(11) AU-A-2021324951
(21) 2021324951 (22) 09.08.2021
(54) Systems and methods for user verification via short-range transceiver
(51) Int. Cl.
G06Q 20/20 (2012.01)
G06Q 20/32 (2012.01)
G06Q 20/34 (2012.01)
(87) WO2022/035724
(31) 16/991,504 (32) 12.08.20 (33) US
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- (71) Capital One Services, LLC
(11) AU-A-2021325015
(21) 2021325015 (22) 10.08.2021
(54) Augmented reality information display and interaction via NFC based authentication
(51) Int. Cl.
H04W 12/61 (2021.01)
G06F 21/35 (2013.01)
G06K 7/10 (2006.01)
G06Q 40/02 (2012.01)
H04L 9/08 (2006.01)
H04L 9/32 (2006.01)
H04W 12/02 (2009.01)
H04W 12/069 (2021.01)
H04W 12/47 (2021.01)
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(31) 16/990,300 (32) 11.08.20 (33) US
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(11) AU-A-2021312774
(21) 2021312774 (22) 16.07.2021

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- (51) Int. Cl.
A01G 24/25 (2018.01)
B01J 20/28 (2006.01)
B32B 3/02 (2006.01)
B32B 5/06 (2006.01)
C08L 97/02 (2006.01)
D05C 17/02 (2006.01)
E01C 13/08 (2006.01)
- (87) WO2022/020201
(31) 63/053,779 (32) 20.07.20 (33) US
63/140,980 25.01.21 US
- (43) 27.01.2022
(72) CARAPELLA, Domenic; MENON, Shine Balachandra
(74) FB Rice Pty Ltd
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- (71) CareFusion 303, Inc.
(11) AU-A-2021312269
(21) 2021312269 (22) 21.07.2021
(54) Floater based flow control device for gravity IV sets
(51) Int. Cl.
A61M 39/24 (2006.01)
A61M 5/14 (2006.01)
A61M 5/168 (2006.01)
A61M 39/10 (2006.01)
A61M 39/22 (2006.01)
F16K 15/14 (2006.01)
- (87) WO2022/020508
(31) 16/936,334 (32) 22.07.20 (33) US
(43) 27.01.2022
(72) JADHAV, Amarsinh Deeliprao
(74) FB Rice Pty Ltd
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- (71) Cargill, Incorporated
(11) AU-A-2021324580
(21) 2021324580 (22) 28.07.2021
(54) Removal of unwanted mineral oil hydrocarbons
(51) Int. Cl.
A23L 5/20 (2016.01)
C11B 3/12 (2006.01)
- (87) WO2022/035593
(31) 20190409.1 (32) 11.08.20 (33) EP
(43) 17.02.2022
(72) VAN ROSSUM, Gijsbertus Johannes
(74) Spruson & Ferguson
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- (71) Cargill, Incorporated
(11) AU-A-2021324581
(21) 2021324581 (22) 28.07.2021
(54) Removal of unwanted mineral oil hydrocarbons
(51) Int. Cl.
A23L 5/20 (2016.01)
C11B 3/12 (2006.01)
- (87) WO2022/035598
(31) 20190408.3 (32) 11.08.20 (33) EP
(43) 17.02.2022
(72) VAN ROSSUM, Gijsbertus Johannes
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- (71) Cargill, Incorporated
(11) AU-A-2021324878
(21) 2021324878
(54) Removal of unwanted mineral oil hydrocarbons
(51) Int. Cl.
A23L 5/20 (2016.01)
C11B 3/12 (2006.01)
- (87) WO2022/035596
(31) 20190409.1 (32) 11.08.20 (33) EP
21169092.0 19.04.21 EP
- (21) 2021324878 (22) 28.07.2021
(54) Removal of unwanted mineral oil hydrocarbons
(51) Int. Cl.
A23L 5/20 (2016.01)
C11B 3/12 (2006.01)
- (87) WO2022/035594
(31) 20190409.1 (32) 11.08.20 (33) EP
21161234.6 08.03.21 EP
- (43) 17.02.2022
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- (71) Cargill, Incorporated
(11) AU-A-2021324879
(21) 2021324879 (22) 28.07.2021
(54) Removal of unwanted mineral oil hydrocarbons
(51) Int. Cl.
A23L 5/20 (2016.01)
C11B 3/12 (2006.01)
- (87) WO2022/035599
(31) 20190408.3 (32) 11.08.20 (33) EP
(43) 17.02.2022
(72) VAN ROSSUM, Gijsbertus Johannes
(74) Spruson & Ferguson
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- (71) Cargill, Incorporated
(11) AU-A-2021325645
(21) 2021325645 (22) 28.07.2021
(54) Removal of unwanted mineral oil hydrocarbons
(51) Int. Cl.
A23L 5/20 (2016.01)
C11B 3/12 (2006.01)
- (87) WO2022/035597
(31) 20190408.3 (32) 11.08.20 (33) EP
(43) 17.02.2022
(72) VAN ROSSUM, Gijsbertus, Johannes
(74) Spruson & Ferguson
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- (71) Cargill, Incorporated
(11) AU-A-2021325830
(21) 2021325830 (22) 28.07.2021
(54) Removal of unwanted mineral oil hydrocarbons
(51) Int. Cl.
A23L 5/20 (2016.01)
C11B 3/12 (2006.01)
- (87) WO2022/035595
(31) 20190409.1 (32) 11.08.20 (33) EP
21161237.9 08.03.21 EP
- (43) 17.02.2022
(72) VAN ROSSUM, Gijsbertus Johannes
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- (71) Cargill, Incorporated
(11) AU-A-2021326415
(21) 2021326415 (22) 28.07.2021
(54) Removal of unwanted mineral oil hydrocarbons
(51) Int. Cl.
A23L 5/20 (2016.01)
C11B 3/12 (2006.01)
- (87) WO2022/022855
(31) 16/942,180 (32) 29.07.20 (33) US
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- (43) 17.02.2022
(72) VAN ROSSUM, Gijsbertus Johannes
(74) Spruson & Ferguson
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- (71) Cargill, Incorporated
(11) AU-A-2021326416
(21) 2021326416 (22) 28.07.2021
(54) Removal of unwanted mineral oil hydrocarbons
(51) Int. Cl.
A23L 5/20 (2016.01)
C11B 3/12 (2006.01)
- (87) WO2022/035601
(31) 20190408.3 (32) 11.08.20 (33) EP
(43) 17.02.2022
(72) VAN ROSSUM, Gijsbertus Johannes
(74) Spruson & Ferguson
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- (71) Carl Freudenberg KG
(11) AU-A-2021323912
(21) 2021323912 (22) 01.07.2021
(54) Cleaning device
(51) Int. Cl.
A47L 13/12 (2006.01)
A47L 13/256 (2006.01)
- (87) WO2022/033763
(31) 10 2020 121 394.8 (32) 14.08.20 (33) DE
(43) 17.02.2022
(72) BRUGORA, Alessandro
(74) Halfords IP
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- (71) Case Western Reserve University
(11) AU-A-2021320495
(21) 2021320495 (22) 06.10.2021
(54) Methods and agents for the detection and treatment of cancer
(51) Int. Cl.
A61P 35/00 (2006.01)
A61B 5/055 (2006.01)
A61K 38/00 (2006.01)
A61K 47/00 (2006.01)
A61K 49/00 (2006.01)
C09B 23/00 (2006.01)
- (87) WO2022/032244
(31) 63/062,053 (32) 06.08.20 (33) US
(43) 10.02.2022
(72) BRADY-KALNAY, Susann
(74) Oxygene IP
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- (71) Caterpillar Sarl
(11) AU-A-2021316397
(21) 2021316397 (22) 23.07.2021
(54) Machine configuration and control system enabling interchangeable power sources
(51) Int. Cl.
E02F 9/08 (2006.01)
B60K 1/04 (2019.01)
E02F 9/18 (2006.01)
E02F 9/20 (2006.01)
E02F 9/22 (2006.01)

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(74) FPA Patent Attorneys Pty Ltd

(71) Central South University
(11) AU-A-2021413008
(21) 2021413008 **(22)** 04.01.2021
(54) Train compartment vibration monitoring method, vibration signal feature library establishment method and vibration signal feature library application method
(51) Int. Cl.
G01H 11/06 (2006.01)
B61L 15/00 (2006.01)
(87) WO2022/141623
(43) 07.07.2022
(72) LIU, Hui; YU, Chengming; LI, Yanfei; QIN, Jin; ZHANG, Lei; YIN, Shi; DUAN, Zhu
(74) Spruson & Ferguson

(71) Centurylink Intellectual Property LLC
(11) AU-A-2021316010
(21) 2021316010 **(22)** 29.07.2021
(54) Edge compute environment configuration tool for a communications network
(51) Int. Cl.
H04L 41/0806 (2022.01)
H04L 41/0816 (2022.01)
H04L 41/22 (2022.01)
(87) WO2022/026679
(31) 63/059,007 **(32)** 30.07.20 **(33)** US
(43) 03.02.2022
(72) DREYER, Bryan J.; ROEMHILD, William G.
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Cervais Inc.
(11) AU-A-2021305185
(21) 2021305185 **(22)** 07.07.2021
(54) Peer-to-peer secure communication system, apparatus, and method
(51) Int. Cl.
H04L 9/00 (2022.01)
H04W 12/06 (2021.01)
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(31) 63/049,379 **(32)** 08.07.20 **(33)** US
(43) 13.01.2022
(72) AUSTIN, James A.; SALMAN, Tony J.
(74) K&L Gates

(71) CF Technologies Pty Ltd
(11) AU-A-2021304542
(21) 2021304542 **(22)** 28.06.2021
(54) A container transportation system
(51) Int. Cl.
B61B 13/10 (2006.01)
B61F 3/16 (2006.01)
B65D 90/18 (2006.01)
B65G 63/02 (2006.01)
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(31) 2020902377 **(32)** 09.07.20 **(33)** AU
(43) 13.01.2022
(72) ALLEN, Bruce; NORMAN, Philip Macgregor
(74) Davies Collison Cave Pty Ltd

(71) CHEMBEAU LLC
(11) AU-A-2021313148
(21) 2021313148 **(22)** 20.07.2021
(54) Diester cosmetic formulations and uses thereof
(51) Int. Cl.
A61K 8/37 (2006.01)
A61K 8/22 (2006.01)
A61K 8/23 (2006.01)
A61Q 5/06 (2006.01)
A61Q 5/08 (2006.01)
(87) WO2022/020332
(31) 63/054,496 **(32)** 21.07.20 **(33)** US
(43) 27.01.2022
(72) PRESSLY, Eric D.
(74) FB Rice Pty Ltd

(71) China Mobile Communication Co., Ltd Research Institute; China Mobile Communications Group Co., Ltd.
(11) AU-A-2021319485
(21) 2021319485 **(22)** 30.07.2021
(54) Control channel transmission method, apparatus, related device, and storage medium
(51) Int. Cl.
H04W 72/04 (2009.01)
(87) WO2022/028335
(31) 202010790030.2 **(32)** 07.08.20 **(33)** CN
(43) 10.02.2022
(72) LI, Yan; WANG, Fei; ZHENG, Yi; LIU, Jianjun
(74) Michael Buck IP

(71) China Mobile Communication Co., Ltd Research Institute; China Mobile Communications Group Co., Ltd.
(11) AU-A-2021319594
(21) 2021319594 **(22)** 30.07.2021
(54) Data transmission method, terminal, and network node
(51) Int. Cl.
H04W 28/02 (2009.01)
(87) WO2022/028338
(31) 202010785400.3 **(32)** 06.08.20 **(33)** CN
(43) 10.02.2022
(72) CHAI, Li
(74) Adams Pluck

(71) China Mobile Communication Co., Ltd Research Institute; China Mobile Communications Group Co., Ltd.
(11) AU-A-2021323155
(21) 2021323155 **(22)** 13.07.2021
(54) Multicast or broadcast resource configuration method, information transmission method and related device
(51) Int. Cl.
H04W 4/06 (2009.01)
H04W 24/02 (2009.01)
H04W 28/16 (2009.01)
(87) WO2022/028215
(31) 202010780208.5 **(32)** 05.08.20 **(33)** CN
(43) 10.02.2022
(72) LIU, Xiaoman; XIE, Fang
(74) Golja Haines & Friend

(71) China Petroleum & Chemical Corporation; Beijing Research Institute of Chemical Industry, China Petroleum & Chemical Corporation
(11) AU-A-2021332812
(21) 2021332812 **(22)** 20.08.2021
(54) Polypropylene composition, preparation method therefor, and article made therefrom
(51) Int. Cl.
C08L 23/12 (2006.01)
C08L 23/16 (2006.01)
(87) WO2022/042447
(31) 202010878381.9 **(32)** 27.08.20 **(33)** CN
 202010879646.7 27.08.20 CN
(43) 03.03.2022
(72) ZHANG, Xiaomeng; SONG, Wenbo; ZOU, Fasheng; HU, Huijie; LI, Dezhan; WANG, Lusheng; ZHAO, Mengyao; ZHANG, Qi; LIU, Zhenjie; YUAN, Hao
(74) Davies Collison Cave Pty Ltd

(71) Chong Kun Dang Pharmaceutical Corp.
(11) AU-A-2021308344
(21) 2021308344 **(22)** 13.07.2021
(54) Novel compounds as histone deacetylase 6 inhibitor, and pharmaceutical composition comprising the same
(51) Int. Cl.
C07D 413/10 (2006.01)
A61K 31/4245 (2006.01)
A61K 31/4439 (2006.01)
A61K 31/496 (2006.01)
A61K 31/5377 (2006.01)
C07D 413/14 (2006.01)
(87) WO2022/013728
(31) 10-2020-0087126 **(32)** 14.07.20 **(33)** KR
(43) 20.01.2022
(72) LEE, Jae Kwang; MIN, Jaeki; IN, Jin Kyung; KIM, Yi Hyun; JEON, Bomi; HAN, Younghue; YOON, Hong Ju; KIM, Hyunjin Michael
(74) Spruson & Ferguson

(71) CHT Germany GMBH
(11) AU-A-2021325311
(21) 2021325311 **(22)** 30.07.2021
(54) Composition comprising non-ionic surfactant and polyether-modified siloxane and its use in cyanide-leaching of metal ores
(51) Int. Cl.
C22B 11/08 (2006.01)
B01D 11/02 (2006.01)
B01D 19/04 (2006.01)
B03D 1/004 (2006.01)
C11D 1/722 (2006.01)
C11D 3/37 (2006.01)
(87) WO2022/033904
(31) 20190793.8 **(32)** 12.08.20 **(33)** EP
(43) 17.02.2022
(72) FISCHER-STURM, Andrea; WITZEL-WILHELM, Heike; SANTOS PÉREZ, Sandra Malena; SIEKMANN QUEVEDO, Eric Carl; VESTER, Annegret
(74) FB Rice Pty Ltd

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(71) Chugai Seiyaku Kabushiki Kaisha; F. Hoffmann - La Roche AG	(43) 03.03.2022	PCT/	22.02.21	US
(11) AU-A-2021315210	(72) CHNG, Chinping; DELLAS, Nikki; DUAN, Da; GARCIA, Ravi David; MANIAR, Harvinder Chagger	US2021/019028		
(21) 2021315210 (22) 27.07.2021	(74) Houlihan Intellectual Property Pty Ltd	(43) 17.02.2022		
(54) Prefilled syringe preparation with needle, provided with needle shield and including novel modified antibody		(72) MICOL, Romain; DUVAL, Valerie		
(51) Int. Cl.		(74) Spruson & Ferguson		
A61K 39/395 (2006.01)	(71) Codexis, Inc.; Societe Des Produits Nestle S.A.			
A61K 9/08 (2006.01)	(11) AU-A-2021334371	(71) ConocoPhillips Company		
A61M 5/32 (2006.01)	(21) 2021334371 (22) 27.08.2021	(11) AU-A-2020386069		
C07K 16/00 (2006.01)	(54) Engineered protease variants	(21) 2020386069 (22) 20.11.2020		
C12N 15/13 (2006.01)	(51) Int. Cl.	(54) Well stimulation operations		
(87) WO2022/025030	C12N 9/50 (2006.01)	(51) Int. Cl.		
(31) 2020-127605 (32) 28.07.20 (33) JP	C12N 15/52 (2006.01)	E21B 33/035 (2006.01)		
(43) 03.02.2022	(87) WO2022/047262	(87) WO2021/102311		
(72) FUKUDA, Masakazu; YAMASHITA, Shogo; YAMANAKA, Yuji; MUELLER, Robert; YANG, Kewei	(31) 63/071,625 (32) 28.08.20 (33) US	(31) 17/100,316 (32) 20.11.20 (33) US		
(74) Spruson & Ferguson	(43) 03.03.2022	62/939,271 22.11.19 US		
	(72) CHNG, Chinping; DELLAS, Nikki; GARCIA, Ravi David; ALAOUI ISMAILI, Moulay Hicham; VALLIEU, Kristen Jean; MCCLUSKIE, Kerry	62/988,212 11.03.20 US		
	(74) Houlihan Intellectual Property Pty Ltd	(43) 27.05.2021		
		(72) BAHR, Lars; SPENCE, John P.; FURRE, Svein Kristian		
		(74) PHILLIPS ORMONDE FITZPATRICK		
(71) Cisco Technology, Inc.				
(11) AU-A-2021322591	(71) Colgate-Palmolive Company	(71) Construction Research & Technology GmbH		
(21) 2021322591 (22) 14.07.2021	(11) AU-A-2021335142	(11) AU-A-2021334992		
(54) Internet last-mile outage detection using IP-route clustering	(21) 2021335142 (22) 24.08.2021	(21) 2021334992 (22) 25.08.2021		
(51) Int. Cl.	(54) Method of electrochemically boosting tooth whitening	(54) Construction composition		
H04L 41/0631 (2022.01)	(51) Int. Cl.	(51) Int. Cl.		
H04L 41/14 (2022.01)	A61C 19/06 (2006.01)	C04B 28/04 (2006.01)		
H04L 41/16 (2022.01)	(87) WO2022/046694	C04B 28/06 (2006.01)		
H04L 69/16 (2022.01)	(31) 63/072,370 (32) 31.08.20 (33) US	C04B 28/14 (2006.01)		
(87) WO2022/031411	(43) 03.03.2022	(87) WO2022/043347		
(31) 63/061,445 (32) 05.08.20 (33) US	(72) DOGU, Nihal; DAVIES-SMITH, Leighton; STROTMAN, Hallena	(31) 20192856.1 (32) 26.08.20 (33) EP		
16/950,472 17.11.20 US	(74) Spruson & Ferguson	(43) 03.03.2022		
(43) 10.02.2022		(72) LORENZ, Klaus; SEIDL, Wolfgang; MITKINA, Tatiana; HIMMELEIN, Sabine; SCHWESIG, Peter; BANDIERA, Massimo; SACHSENHAUSER, Bernhard; RAMZI, Farra; CARNELLI, Davide; PARKS, Johanna; WELDERT, Kai Steffen; KLEIN, Matthias; RAMROO BENI, Jasveer		
(72) BERMAN, Adam Laufer; WEITZMAN, Samuel Eugene; GOUJON, Antoine		(74) Griffith Hack		
(74) Davies Collison Cave Pty Ltd				
	(71) Colorado State University Research Foundation; The Board of Trustees of the University of Illinois; Monsanto Technology LLC			
	(11) AU-A-2021325836			
	(21) 2021325836 (22) 30.07.2021			
	(54) Network service access and data routing based on assigned context			
	(51) Int. Cl.			
	H04L 45/02 (2022.01)			
	H04L 12/46 (2006.01)			
	H04L 47/2475 (2022.01)			
	(87) WO2022/035625			
	(31) 63/065,932 (32) 14.08.20 (33) US			
	17/091,478 06.11.20 US			
	(43) 17.02.2022			
	(72) BARUAH, Pritam; SHRIVASTAVA, Gaurav			
	(74) Davies Collison Cave Pty Ltd			
	(71) Coöperatie Koninklijke Avebe U.A.			
	(11) AU-A-2021316071			
	(21) 2021316071 (22) 29.07.2021			
	(54) Patatin as binder in meat substitutes			
	(51) Int. Cl.			
	A23J 3/22 (2006.01)			
	(87) WO2022/025766			
	(31) 20188554.8 (32) 30.07.20 (33) EP			
	(43) 03.02.2022			
	(72) SPELBRINK, Robin Eric Jacobus; SEEGERS, Christina Lamberta Catharina; STANIŠIĆ, Nikola; CHEN, Zhenghong			
	(74) Griffith Hack			
	(71) Coulson Aviation (USA) Inc			
	(11) AU-A-2021326420			
	(21) 2021326420 (22) 30.07.2021			
	(54) Compositions and methods for improved vaccination			
	(51) Int. Cl.			
	A61K 31/7105 (2006.01)			
	C12N 15/88 (2006.01)			
	(87) WO2022/035621			
	(31) 63/059,458 (32) 31.07.20 (33) US			

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- (43) 20.01.2022
(72) COULSON, Britton; MCDONALD, Brian; LAWRENCE, David; MCCLELLAN, Mike
(74) GLMR
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- (71) Coulter Ventures, LLC
(11) AU-A-2021307413
(21) 2021307413 (22) 13.07.2021
(54) Weight plate carrier vest
(51) Int. Cl.
A63B 21/065 (2006.01)
(87) WO2022/015751
(31) 63/051,135 (32) 13.07.20 (33) US
(43) 20.01.2022
(72) COUGHLAN, Laurie Ann; JONES, Ahmik; HENNIGER, William
(74) Griffith Hack
-
- (71) Creo Medical Limited
(11) AU-A-2021323325
(21) 2021323325 (22) 14.07.2021
(54) Modular apparatus for robot-assisted electrosurgery
(51) Int. Cl.
A61B 18/12 (2006.01)
A61B 18/18 (2006.01)
A61B 34/30 (2016.01)
A61B 34/37 (2016.01)
A61B 90/98 (2016.01)
(87) WO2022/028837
(31) 2012303.0 (32) 07.08.20 (33) GB
(43) 10.02.2022
(72) HANCOCK, Christopher Paul; MEAD-OWCROFT, Simon; BISHOP, John; ULLRICH, George Christian
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71) Croda International PLC; Croda, Inc.
(11) AU-A-2021329797
(21) 2021329797 (22) 13.08.2021
(54) Agrochemical adjuvants
(51) Int. Cl.
A01N 43/90 (2006.01)
A01N 43/653 (2006.01)
A01N 47/24 (2006.01)
A01N 63/30 (2020.01)
A01P 3/00 (2006.01)
(87) WO2022/040038
(31) 63/066,519 (32) 17.08.20 (33) US
(43) 24.02.2022
(72) LINDNER, Gregory James; HALTLI, Bradley Arnold; KERR, Russell Greig; GRUNWALD, Alyssa Louise; CORREA VELANDIA, Hebelin
(74) Oxygene IP
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- (71) Crystal Pharmaceutical (Suzhou) Co., Ltd.
(11) AU-A-2021303629
(21) 2021303629 (22) 23.06.2021
(54) Crystal form of upadacitinib, preparation method therefor, and use thereof
(51) Int. Cl.
C07D 487/14 (2006.01)
A61K 31/4985 (2006.01)
A61P 29/00 (2006.01)
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- (71) Crystal Pharmaceutical (Suzhou) Co., Ltd.
(11) AU-A-2021303629
(21) 2021303629 (22) 23.06.2021
(54) Crystal form of upadacitinib, preparation method therefor, and use thereof
(51) Int. Cl.
C07D 487/14 (2006.01)
A61K 31/4985 (2006.01)
A61P 29/00 (2006.01)
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- (71) CTKING, LLC
(11) AU-A-2021315599
(21) 2021315599 (22) 29.07.2021
(54) Flexible u-bolt assembly
(51) Int. Cl.
F16L 3/02 (2006.01)
F01N 13/18 (2010.01)
F16B 2/02 (2006.01)
F16B 2/06 (2006.01)
F16L 21/06 (2006.01)
F16L 33/02 (2006.01)
(87) WO2022/026718
(31) 63/058,157 (32) 29.07.20 (33) US
(43) 03.02.2022
(72) KING, Paul
(74) DAVIS IP PTY LTD
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- (71) Curebiotech GmbH
(11) AU-A-2021335639
(21) 2021335639 (22) 03.09.2021
(54) Pigment epithelium-derived factor (PEDF) for use in treatment of macular degeneration or choroidal neovascularisation
(51) Int. Cl.
A61K 38/18 (2006.01)
A61K 38/57 (2006.01)
A61P 27/02 (2006.01)
(87) WO2022/049259
(31) 20194463.4 (32) 03.09.20 (33) EP
20195140.7 08.09.20 EP
(43) 10.03.2022
(72) SCHRAERMAYER, Ulrich
(74) RnB IP
-
- (71) Curium US LLC
(11) AU-A-2021335596
(21) 2021335596 (22) 03.09.2021
(54) Purification process for the preparation of non-carrier added copper-64
(51) Int. Cl.
G21G 1/10 (2006.01)
A61K 51/04 (2006.01)
E21B 49/08 (2006.01)
E21C 41/00 (2006.01)
G21G 4/08 (2006.01)
(87) WO2022/051608
(31) 63/074,356 (32) 03.09.20 (33) US
(43) 10.03.2022
(72) PIPES, David; RADFORD, Lauren; UHLAND, William; REGNA, Brian; BRUNKHORST, Craig
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71) CZ BIOHUB SF, LLC; The Board of Trustees of the Leland Stanford Junior University
(11) AU-A-2021340886
(21) 2021340886 (22) 14.09.2021
-
- (54) Genomic sequence dataset generation
(51) Int. Cl.
C12Q 1/6869 (2018.01)
C12N 15/10 (2006.01)
G16B 10/00 (2019.01)
G16B 20/00 (2019.01)
G16B 20/20 (2019.01)
G16B 40/00 (2019.01)
(87) WO2022/056438
(31) 63/078,148 (32) 14.09.20 (33) US
(43) 17.03.2022
(72) MONTERRAT, Daniel Mas; IOANNIDIS, Alexander; BUSTAMANTE, Carlos
(74) Griffith Hack
-
- (71) Czero Inc.
(11) AU-A-2021321530
(21) 2021321530 (22) 06.08.2021
(54) Moving bed reactor for hydrocarbon pyrolysis
(51) Int. Cl.
B01D 53/00 (2006.01)
C10G 1/06 (2006.01)
C10G 3/00 (2006.01)
C10K 3/04 (2006.01)
(87) WO2022/032047
(31) 63/062,038 (32) 06.08.20 (33) US
(43) 10.02.2022
(72) SHANER, Samuel; PARKINSON, Brett; CALDWELL, Andrew
(74) Spruson & Ferguson
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- (71) Daiichi Sankyo Company, Limited
(11) AU-A-2021307257
(21) 2021307257 (22) 16.07.2021
(54) Method for producing antibody-drug conjugate
(51) Int. Cl.
C07K 16/00 (2006.01)
(87) WO2022/014698
(31) 2020-122695 (32) 17.07.20 (33) JP
(43) 20.01.2022
(72) SATO, Hitoshi; SASORI, Yuka; FUKATSU, Daisuke
(74) Davies Collison Cave Pty Ltd
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- (71) Daiichi Sankyo Company, Limited
(11) AU-A-2021312537
(21) 2021312537 (22) 19.07.2021
(54) Combination of (anti-HER2 antibody)-drug conjugate and her dimerization inhibitor
(51) Int. Cl.
A61K 47/68 (2017.01)
A61K 31/4745 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
A61P 35/02 (2006.01)
A61P 43/00 (2006.01)
C07K 16/30 (2006.01)
C12N 15/13 (2006.01)
(87) WO2022/019259
(31) 2020-123564 (32) 20.07.20 (33) JP
(43) 27.01.2022
(72) KAMAI Yasuki
(74) Davies Collison Cave Pty Ltd

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

(71) Daiichi Sankyo Company, Limited
 (11) AU-A-2021338014
 (21) 2021338014 (22) 01.09.2021
 (54) Novel endo-β-N-acetylglucosaminidase
 (51) Int. Cl.
C07K 16/00 (2006.01)
C12N 1/15 (2006.01)
C12N 1/19 (2006.01)
C12N 1/21 (2006.01)
C12N 5/10 (2006.01)
C12N 9/10 (2006.01)
C12N 9/24 (2006.01)
C12N 15/54 (2006.01)
C12N 15/56 (2006.01)
C12N 15/63 (2006.01)
C12P 21/02 (2006.01)
C12P 21/08 (2006.01)
 (87) WO2022/050300
 (31) 2020-147745 (32) 02.09.20 (33) JP
 (43) 10.03.2022
 (72) NISHIZAWA, Hanako; ONO, Yasunori;
 IWAMOTO, Mitsuhiro
 (74) Pizeys Patent and Trade Mark Attor-
 neys Pty Ltd

(71) Daikin Industries, Ltd.
 (11) AU-A-2021318228
 (21) 2021318228 (22) 30.07.2021
 (54) Air conditioner unit and air conditioner
 (51) Int. Cl.
F28D 1/053 (2006.01)
F24F 1/0063 (2019.01)
F24F 1/0067 (2019.01)
F24F 5/00 (2006.01)
F24F 11/83 (2018.01)
F24F 13/22 (2006.01)
F24F 13/30 (2006.01)
F28F 1/12 (2006.01)
F28F 1/32 (2006.01)
F24F 110/12 (2018.01)
F24F 110/32 (2018.01)
 (87) WO2022/025263
 (31) 2020-129354 (32) 30.07.20 (33) JP
 (43) 03.02.2022
 (72) KABU, Marie
 (74) Spruson & Ferguson

(71) Dana-Farber Cancer Institute, Inc.;
 Genus Oncology, LLC.
 (11) AU-A-2021310499
 (21) 2021310499 (22) 15.07.2021
 (54) Antibodies against the MUC1-C/extra-
 cellular domain (MUC1-C/ECD)
 (51) Int. Cl.
C07K 16/30 (2006.01)
 (87) WO2022/016190
 (31) 63/052,599 (32) 16.07.20 (33) US
 (43) 20.01.2022
 (72) KHARBANDA, Surrender; KUFÉ, Don-
 ald W.
 (74) Davies Collison Cave Pty Ltd

(71) Dana-Farber Cancer Institute, Inc.; The
 General Hospital Corporation; Presid-
 ent and Fellows of Harvard College
 (11) AU-A-2021329282
 (21) 2021329282 (22) 16.08.2021
 (54) TR-FRET based assay for detection of
 antibodies in serological samples

(51) Int. Cl.
G01N 21/64 (2006.01)
G01N 33/53 (2006.01)
G01N 33/542 (2006.01)
G01N 33/58 (2006.01)
G01N 33/68 (2006.01)
 (87) WO2022/040096
 (31) 63/066,632 (32) 17.08.20 (33) US
 (43) 24.02.2022
 (72) FISCHER, Eric; NOWAK, Radoslaw;
 YUE, Hong; OVERWIJN, Daan;
 MAZITSCHKEK, Ralph; PAYNE, Neil
 Connor
 (74) Spruson & Ferguson

(71) De' Longhi Appliances S.R.L.
 (11) AU-A-2021337155
 (21) 2021337155 (22) 25.08.2021
 (54) Device for preparing a dose of ground
 coffee powder
 (51) Int. Cl.
A47J 42/40 (2006.01)
A47J 31/06 (2006.01)
A47J 31/44 (2006.01)
 (87) WO2022/048960
 (31) 10202000020896 (32) 02.09.20 (33) IT
 (43) 10.03.2022
 (72) ROSSETTO, Giovanni; POGGIOLI,
 Massimo; BELLESE, Alessandro; SAN-
 SON, Roberto
 (74) MINTER ELLISON

(71) De' Longhi Appliances S.r.l. Con Unico
 Socio
 (11) AU-A-2021319316
 (21) 2021319316 (22) 13.07.2021
 (54) Grinding device
 (51) Int. Cl.
A47J 42/40 (2006.01)
A47J 42/06 (2006.01)
A47J 42/50 (2006.01)
 (87) WO2022/024153
 (31) 10202000018922 (32) 31.07.20 (33) IT
 (43) 03.02.2022
 (72) QUARATESI, Guido; MARCATO,
 Emanuele
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) DeepOcean AS
 (11) AU-A-2021326373
 (21) 2021326373 (22) 13.08.2021
 (54) Launch and recovery of underwater
 units or vehicles
 (51) Int. Cl.
B63B 27/14 (2006.01)
B63B 27/36 (2006.01)
 (87) WO2022/035322
 (31) 20200901 (32) 14.08.20 (33) NO
 (43) 17.02.2022
 (72) KNUTSEN, Knut Vibran
 (74) Michael Buck IP

(71) Degussa Bank AG
 (11) AU-A-2022266998
 (21) 2022266998 (22) 26.04.2022
 (54) Method and system for providing virtual
 services

(51) Int. Cl.
G06N 3/00 (2006.01)
G06F 16/9032 (2019.01)
G06Q 30/06 (2012.01)
G06Q 40/02 (2012.01)
 (87) WO2022/229188
 (31) 21171451.4 (32) 30.04.21 (33) EP
 (43) 03.11.2022
 (72) ECKERT, Jürgen; HORF, Michael;
 SCHARDT, Axel
 (74) Caska Intellectual Property Pty Ltd

(71) Dematic Corp.
 (11) AU-A-2021333871
 (21) 2021333871 (22) 24.08.2021
 (54) Method and apparatus for removing an
 article from a tray
 (51) Int. Cl.
B65G 47/52 (2006.01)
B65G 47/22 (2006.01)
B65G 47/24 (2006.01)
B65G 47/34 (2006.01)
B65G 47/38 (2006.01)
B65G 47/40 (2006.01)
 (87) WO2022/043878
 (31) 63/069,244 (32) 24.08.20 (33) US
 (43) 03.03.2022
 (72) BAIR, Matthew; PILARZ, Nolan R.;
 FIKE, Rustin
 (74) Griffith Hack

(71) Dematic GmbH
 (11) AU-A-2020464936
 (21) 2020464936 (22) 24.08.2020
 (54) System for order fulfilment
 (51) Int. Cl.
B65G 1/137 (2006.01)
B65G 1/04 (2006.01)
B65G 1/06 (2006.01)
 (87) WO2022/042821
 (43) 03.03.2022
 (72) MEURER, Hans Christoph
 (74) Griffith Hack

(71) Dematic GmbH
 (11) AU-A-2021333164
 (21) 2021333164 (22) 16.08.2021
 (54) System for storage of goods carriers
 (51) Int. Cl.
B65G 1/02 (2006.01)
B65D 1/34 (2006.01)
B65G 1/04 (2006.01)
B65G 1/06 (2006.01)
 (87) WO2022/043117
 (31) 20192437.0 (32) 24.08.20 (33) EP
 (43) 03.03.2022
 (72) RECKEMEIER, Hartwig; MICHELS,
 Nicolas; MÜLLER, Sebastian; HOF-
 MANN-MASSBERG, Sven; GLIGOR,
 Traian
 (74) Griffith Hack

(71) Dematic GmbH
 (11) AU-A-2021334848
 (21) 2021334848 (22) 16.08.2021
 (54) System for storage of goods carriers
 (51) Int. Cl.

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

- B65G 1/04** (2006.01)
B65G 1/06 (2006.01)
(87) WO2022/043116
(31) 20192434.7 **(32)** 24.08.20 **(33)** EP
(43) 03.03.2022
(72) RECKEMEIER, Hartwig; MICHELS, Nicolas; MÜLLER, Sebastian; JOSEPH, Edwin Prince; GLIGOR, Traian; WEHNER, Matthias
(74) Griffith Hack
-
- (71)** Depuy Ireland Unlimited Company
(11) AU-A-2021304903
(21) 2021304903 **(22)** 10.07.2021
(54) Medial stabilized orthopaedic knee prosthesis
(51) Int. Cl.
A61F 2/38 (2006.01)
A61F 2/30 (2006.01)
(87) WO2022/008755
(31) 63/050,744 **(32)** 10.07.20 **(33)** US
(43) 13.01.2022
(72) HELDRETH, Mark A.; BENNETT, Travis D.; MANE, Amitkumar M.; WOGOMAN, Thomas E.; ROCK, Michael J.; WHITE, Stephen E.
(74) Spruson & Ferguson
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- (71)** Detnet South Africa (Pty) Ltd
(11) AU-A-2022279317
(21) 2022279317 **(22)** 10.03.2022
(54) Apparatus for use in a wireless detonator system
(51) Int. Cl.
F42D 1/05 (2006.01)
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G06T 7/00 (2017.01)
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(54) Latent-space representations of audio signals for content-based retrieval
(51) Int. Cl.
G10H 1/00 (2006.01)
G06N 20/00 (2019.01)
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(74) FPA Patent Attorneys Pty Ltd
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(54) Method and system for enhancing plant growth
(51) Int. Cl.
A01G 9/26 (2006.01)
A01G 7/04 (2006.01)
A01G 25/06 (2006.01)
C25B 1/04 (2021.01)
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(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
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(54) Corrective apparatus for deformed external ear
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A61F 11/00 (2022.01)
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E21B 36/00 (2006.01)
E21B 7/00 (2006.01)
E21B 21/00 (2006.01)
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(54) Active electrode material
(51) Int. Cl.
H01M 4/131 (2010.01)
C01G 33/00 (2006.01)
C01G 39/00 (2006.01)
C01G 41/00 (2006.01)
H01M 4/04 (2006.01)
H01M 4/1391 (2010.01)
H01M 4/36 (2006.01)
H01M 4/485 (2010.01)
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(54) Active electrode material
(51) Int. Cl.
H01M 4/131 (2010.01)
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A01M 1/14 (2006.01)
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F24C 7/08 (2006.01)
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 (54) Compounds and methods targeting human and mouse INSL5
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C07K 16/26 (2006.01)
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A61M 15/06 (2006.01)
A24F 40/00 (2020.01)
A61K 31/4045 (2006.01)
A61P 25/18 (2006.01)
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 (54) Method and a system for handling components during transferring of the components from a vessel to a fixed structure
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B66C 13/02 (2006.01)
B66C 23/53 (2006.01)
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 (21) 2021329812 (22) 16.08.2021
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 (51) Int. Cl.
C12N 15/10 (2006.01)
C40B 20/04 (2006.01)
C40B 40/04 (2006.01)
C40B 70/00 (2006.01)
G06K 19/06 (2006.01)
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 (72) CHEE, Mark S.
 (74) RnB IP Pty Ltd
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- (71) ENI S.p.A.
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 (21) 2021324472 (22) 06.08.2021
 (54) Inverted polymer photovoltaic cell and method for preparation thereof
 (51) Int. Cl.
H10K 30/30 (2023.01)
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 (72) PO, Riccardo; CORSO, Gianni; BARBIERI, Riccardo
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- (71) Epitracker, Inc.
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 (21) 2021329343 (22) 18.08.2021
 (54) Compositions and methods for treatment of obesity
 (51) Int. Cl.
A23L 33/10 (2016.01)
A23L 33/00 (2016.01)
A23L 33/12 (2016.01)
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 (31) 63/068,294 (32) 20.08.20 (33) US
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 (72) VENN-WATSON, Stephanie
 (74) Spruson & Ferguson
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- (71) Epitracker, Inc.
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 (21) 2021329909 (22) 18.08.2021
 (54) Compositions and methods for mood enhancement
 (51) Int. Cl.
A23L 33/10 (2016.01)
A23L 33/00 (2016.01)
A23L 33/12 (2016.01)
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 (31) 63/068,263 (32) 20.08.20 (33) US
 (43) 24.02.2022
 (72) VENN-WATSON, Stephanie
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- (71) Everseen Limited
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 (54) System and method for mapping risks in a warehouse environment
 (51) Int. Cl.
G06Q 10/06 (2012.01)
G06Q 50/28 (2012.01)
G06V 10/764 (2022.01)
G06V 20/40 (2022.01)
G06V 20/52 (2022.01)
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 (54) Method for the fermentative production of guanidinoacetic acid
 (51) Int. Cl.
C12P 13/00 (2006.01)
C12N 9/00 (2006.01)
C12N 9/10 (2006.01)
C12N 9/88 (2006.01)
C12N 15/52 (2006.01)
C12P 13/04 (2006.01)
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 (72) SCHNEIDER, Frank; JANKOWITSCH, Frank
 (74) AJ PARK
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 (51) Int. Cl.
C12P 13/00 (2006.01)
C12N 9/10 (2006.01)
C12P 13/04 (2006.01)
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 (72) SCHNEIDER, Frank; JANKOWITSCH, Frank
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C07D 405/14 (2006.01)
A61K 31/496 (2006.01)
A61P 25/28 (2006.01)
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B01D 53/02 (2006.01)
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 (31) 63/062,034 (32) 06.08.20 (33) US
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 (72) WESTON, Simon C.
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 (21) 2021324828 (22) 12.08.2021
 (54) Methods of synthesizing and recycling metal-organic framework systems
 (51) Int. Cl.
B01J 20/22 (2006.01)
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 (54) Oligonucleotide treatment of hepatitis B patients
 (51) Int. Cl.
C12N 15/113 (2010.01)
A61K 31/713 (2006.01)
A61P 31/20 (2006.01)
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 (11) AU-A-2021335509
 (21) 2021335509 (22) 02.09.2021
 (54) Antibody that binds to VEGF-A and ANG2 and methods of use
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B65D 85/60 (2006.01)
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A61P 27/02 (2006.01)
C07K 16/22 (2006.01)
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 (51) Int. Cl.
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C07K 16/28 (2006.01)
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 (74) Griffith Hack
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 (54) Improvements in and relating to mobile medical units
 (51) Int. Cl.
E04H 3/08 (2006.01)
A61G 10/00 (2006.01)
F24F 3/167 (2021.01)
F24F 8/95 (2021.01)
F24F 11/72 (2018.01)
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 (54) Timescale dissemination using global navigation satellite systems and applications thereof
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G01S 19/07 (2010.01)
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 (74) Griffith Hack
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 (54) Process for separating components of skim milk
 (51) Int. Cl.
A23C 9/14 (2006.01)
A23C 9/15 (2006.01)
A23C 9/18 (2006.01)
A23J 1/20 (2006.01)
B01D 9/02 (2006.01)
B01D 17/00 (2006.01)
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 (72) KILROY, Stanley Alan Robert
 (74) Davies Collison Cave Pty Ltd
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 (21) 2021363626 (22) 21.10.2021
 (54) Cartridge system, beverage preparation machine, and process for manufacturing a cartridge system
 (51) Int. Cl.
B67D 1/00 (2006.01)
A47J 31/40 (2006.01)
B65D 85/804 (2006.01)
B67D 1/04 (2006.01)
B67D 7/02 (2010.01)
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 (54) Cartridge system, beverage preparation machine, and process for manufacturing a cartridge system
 (51) Int. Cl.
 B67D 1/00 (2006.01)
 A47J 31/40 (2006.01)
 B65D 85/804 (2006.01)
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 (72) KRÜGER, Marc; EMPL, Günter
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(71) Fujikura Ltd.
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 (21) 2021340327 (22) 07.07.2021
 (54) Management device, management method, and method for generating data for collation
 (51) Int. Cl.
 B65H 63/00 (2006.01)
 B65H 63/08 (2006.01)
 B65H 75/38 (2006.01)
 (87) WO2022/054385
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 (72) OKADA, Naoki; OSATO, Ken
 (74) PHILLIPS ORMONDE FITZPATRICK

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 (11) AU-A-2021326287
 (21) 2021326287 (22) 27.07.2021
 (54) Fatigue limit testing method for specimens
 (51) Int. Cl.
 G01N 3/32 (2006.01)
 G01N 3/08 (2006.01)
 G01N 3/00 (2006.01)
 (87) WO2022/033865
 (31) 20382742.3 (32) 10.08.20 (33) EP
 (43) 17.02.2022
 (72) PARAREDA ORIOL, Sergi; LARA PÉREZ, Antoni; CASELLAS PADRÓ, Daniel
 (74) James & Wells Intellectual Property

(71) Gamma Logistics Pty Ltd
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 (54) Vehicle for transporting bulk goods
 (51) Int. Cl.
 B60P 1/16 (2006.01)

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 (72) BATTAGLINO GARCIA, Angel Santiago
 (74) Argon IP Advisory Pty Ltd

(71) Gelbfish, G.A.
 (11) AU-A-2021315813
 (21) 2021315813 (22) 30.07.2021
 (54) Treatment of bacterial vaginosis
 (51) Int. Cl.
 A61K 35/747 (2015.01)
 A61K 47/26 (2006.01)
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 (31) 63/059,817 (32) 31.07.20 (33) US
 (43) 03.02.2022
 (72) GELBFISH, Gary A.
 (74) ALLENS PATENT & TRADE MARK ATTORNEYS

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 (54) Point of care drug delivery apparatus and method
 (51) Int. Cl.
 A61M 5/14 (2006.01)
 A61M 39/22 (2006.01)
 (87) WO2022/047155
 (31) 63/071,901 (32) 28.08.20 (33) US
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 (74) Spruson & Ferguson

(71) General Electric Technology GmbH
 (11) AU-A-2021338484
 (21) 2021338484 (22) 01.09.2021
 (54) Phase shifting transformers comprising a single coil for two exciting windings for voltage regulation and for phase shift angle regulation
 (51) Int. Cl.
 H02M 5/12 (2006.01)
 (87) WO2022/049099
 (31) 20194716.5 (32) 04.09.20 (33) EP
 (43) 10.03.2022
 (72) TIRILLY, Serge
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) General Identity Protocol Limited
 (11) AU-A-2021324521
 (21) 2021324521 (22) 13.08.2021
 (54) Identity authentication
 (51) Int. Cl.
 G06Q 20/02 (2012.01)
 G06F 21/31 (2013.01)
 G06Q 20/40 (2012.01)
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 (54) Systems and methods relating to asynchronous resolution of customer requests in contact center
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 H04M 3/51 (2006.01)
 H04M 3/523 (2006.01)
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 (54) Systems and methods relating to post-purchase support of customers
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 G06Q 30/00 (2012.01)
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 (51) Int. Cl.
 G01R 15/12 (2006.01)
 G01R 15/14 (2006.01)
 G01R 15/16 (2006.01)
 G01R 15/18 (2006.01)
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B63G 8/34 (2006.01)
B63B 1/36 (2006.01)
B63B 1/38 (2006.01)
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 (54) Bamboo-hybrid structural panels and structural sections
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B27N 3/00 (2006.01)
B32B 9/04 (2006.01)
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C12M 1/00 (2006.01)
C12M 1/28 (2006.01)
C12N 15/10 (2006.01)
C12Q 1/6806 (2018.01)
G01N 1/00 (2006.01)
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F17C 5/06 (2006.01)
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B23B 5/16 (2006.01)
B23B 5/26 (2006.01)
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B65D 71/72 (2006.01)
B65D 71/42 (2006.01)
B65D 73/00 (2006.01)
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 (54) Method and system for installing wireless soil condition detection devices and monitoring and using signals transmitted therefrom
 (51) Int. Cl.
G01N 33/24 (2006.01)
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B63B 1/34 (2006.01)
B63B 1/38 (2006.01)
B63B 1/40 (2006.01)
B63B 32/50 (2020.01)
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A61B 17/72 (2006.01)
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 (51) Int. Cl.
A47J 47/01 (2006.01)
B05B 11/00 (2006.01)
F04B 53/10 (2006.01)
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 (21) 2021319464 (22) 04.08.2021
 (54) Electrochemical systems and methods of use
 (51) Int. Cl.
C25B 1/02 (2006.01)
C25B 1/04 (2021.01)
C25B 9/07 (2021.01)
C25B 15/08 (2006.01)
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 (54) System for managing fuel generation
 (51) Int. Cl.

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(54) Debris removal apparatus with self cleaning filter assembly
(51) Int. Cl.
E21B 21/00 (2006.01)
B01D 35/02 (2006.01)
E21B 27/00 (2006.01)
E21B 29/00 (2006.01)
E21B 37/00 (2006.01)
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E21B 33/12 (2006.01)
E21B 33/128 (2006.01)
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(54) Hydrolysis reactant fluids for pulse power drilling
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E21B 7/15 (2006.01)
C09K 8/32 (2006.01)
E21B 44/00 (2006.01)
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(54) Expanding metal for plug and abandonment
(51) Int. Cl.
E21B 33/124 (2006.01)
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E21B 33/16 (2006.01)
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(54) Density constant flow device using a changing overlap distance
(51) Int. Cl.
E21B 43/12 (2006.01)
E21B 34/08 (2006.01)
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(87) WO2022/139823
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(11) AU-A-2020483415
(21) 2020483415 **(22)** 22.12.2020
(54) Density constant flow device with flexible tube
(51) Int. Cl.
E21B 43/12 (2006.01)
E21B 34/08 (2006.01)
E21B 34/14 (2006.01)
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(21) 2021385569 **(22)** 24.11.2021
(54) Travel joint for tubular well components
(51) Int. Cl.
E21B 17/07 (2006.01)
E21B 17/046 (2006.01)
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(43) 02.06.2022
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(54) Sliding electrical connector for multilateral well
(51) Int. Cl.
E21B 17/02 (2006.01)
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E21B 41/00 (2006.01)
E21B 47/125 (2012.01)
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(54) Electrical transmission in a well using wire mesh
(51) Int. Cl.
E21B 43/08 (2006.01)
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B65D 19/00 (2006.01)
C08J 9/00 (2006.01)
C08J 9/04 (2006.01)
C08L 23/04 (2006.01)
C08L 23/10 (2006.01)
(87) WO2022/020868
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(54) Superabsorbent material and methods of making the same
(51) Int. Cl.
A23L 33/21 (2016.01)
A23L 29/244 (2016.01)
A23L 29/256 (2016.01)
A23L 29/262 (2016.01)
A23L 33/125 (2016.01)
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(31) 62/971,668 **(32)** 07.02.20 **(33)** US
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(51) Int. Cl.

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(11) AU-A-2021351186
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(51) Int. Cl.
A01N 31/02 (2006.01)
A01P 3/00 (2006.01)
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(54) Light fixture including a housing for a ballast
(51) Int. Cl.
F21S 8/00 (2006.01)
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(21) 2021321197 **(22)** 12.01.2021
(54) Floor covering
(51) Int. Cl.
D05C 17/02 (2006.01)
A47G 27/02 (2006.01)
A47G 27/04 (2006.01)
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G06N 99/00 (2019.01)
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(11) AU-A-2021346519
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(54) Multi-modality imaging of a specimen
(51) Int. Cl.
G01N 23/046 (2018.01)
A61B 5/00 (2006.01)
A61B 6/00 (2006.01)
A61B 6/03 (2006.01)
A61B 8/00 (2006.01)
A61B 8/08 (2006.01)
G01N 23/044 (2018.01)
G01N 23/083 (2018.01)
G01N 29/00 (2006.01)
G06T 7/00 (2017.01)
G06T 11/00 (2006.01)
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(54) Multi-purpose cooking appliance having pressing plate
(51) Int. Cl.
A47J 37/10 (2006.01)
A47J 36/02 (2006.01)
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(43) 03.11.2022
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(54) Communication method and communication apparatus for integrated access and backhaul (iab) system
(51) Int. Cl.
H04W 36/00 (2009.01)
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- (71)** Huawei Technologies Co., Ltd.
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(21) 2021319660 **(22)** 05.08.2021
(54) Method, system and apparatus for determining user plane security algorithm
(51) Int. Cl.
H04W 12/00 (2021.01)
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(54) Method for indicating unicast service suitable for multiple links and related apparatus
(51) Int. Cl.
H04W 24/02 (2009.01)
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(11) AU-A-2021328260
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(54) Long acting in-situ forming/gelling compositions
(51) Int. Cl.
A61K 31/16 (2006.01)
A61K 31/167 (2006.01)
A61K 31/40 (2006.01)
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(54) Recombined bamboo board integrating concave-convex wood grain decoration and protection function
(51) Int. Cl.
B27J 1/00 (2006.01)
B27D 3/00 (2006.01)
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- (71)** Hutchison Medipharma Limited
(11) AU-A-2021329777
(21) 2021329777 **(22)** 17.08.2021
(54) Pyrimidinone compounds and uses thereof
(51) Int. Cl.
C07D 239/02 (2006.01)
A61K 31/505 (2006.01)
A61P 19/02 (2006.01)
A61P 25/00 (2006.01)
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(21) 2021320315 **(22)** 05.08.2021
(54) Electronic trading system and method based on point-to-point mesh architecture
(51) Int. Cl.
G06F 9/48 (2006.01)
G06F 9/54 (2006.01)
G06F 11/00 (2006.01)
(87) WO2022/031975
(31) 16/988,491 **(32)** 07.08.20 **(33)** US
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(43) 10.02.2022
(72) AMICANGIOLI, Anthony D.; BAST, Allen; ROSEN, B. Joshua; JUHASZ, Christophe
(74) Spruson & Ferguson

(71) Hydac Filtertechnik GmbH
(11) AU-A-2021314451
(21) 2021314451 **(22)** 28.05.2021
(54) Filter apparatus
(51) Int. Cl.
B01D 29/13 (2006.01)
B01D 29/21 (2006.01)
B01D 29/88 (2006.01)
B01D 29/90 (2006.01)
B01D 29/92 (2006.01)
B01D 29/96 (2006.01)
B01D 35/147 (2006.01)
B01D 35/153 (2006.01)
B01D 35/16 (2006.01)
(87) WO2022/017669
(31) 10 2020 004 489.1 **(32)** 24.07.20 **(33)** DE
(43) 27.01.2022
(72) SAKRASCHINSKY, Michael; RÖDER, Dirk; BRAUNE, Martin
(74) FB Rice Pty Ltd

(71) Hyosung Heavy Industries Corporation
(11) AU-A-2021380487
(21) 2021380487 **(22)** 11.11.2021
(54) Startup method of semiconductor transformer, and converter using same
(51) Int. Cl.
H02M 1/36 (2007.01)
H02M 3/00 (2006.01)
H02M 5/12 (2006.01)
H02M 7/04 (2006.01)
(87) WO2022/103167
(31) 10-2020-0151348 **(32)** 12.11.20 **(33)** KR
(43) 19.05.2022
(72) SEO, Hae Won; BYEN, Byeng Joo; KIM, Jae Hyuk; KIM, Sung Joo
(74) H & H Lawyers

(71) Hyosung Heavy Industries Corporation
(11) AU-A-2021384704
(21) 2021384704 **(22)** 16.11.2021
(54) Device and method for SoC balance control for delta structure semiconductor transformer-based energy storage device
(51) Int. Cl.
H02J 7/00 (2006.01)
H02M 3/00 (2006.01)
H02M 7/04 (2006.01)
(87) WO2022/108429
(31) 10-2020-0155018 **(32)** 18.11.20 **(33)** KR
(43) 27.05.2022
(72) JEONG, Byung Hwan; SEO, Hae Won; BYEN, Byeng Jo; KIM, Jae Hyuk; KIM, Sung Joo
(74) H & H Lawyers

(71) Hypertunnel IP Limited
(11) AU-A-2021345538
(21) 2021345538 **(22)** 14.09.2021
(54) Tunnelling shield
(51) Int. Cl.
E21D 9/00 (2006.01)
E21D 9/06 (2006.01)
E21D 9/08 (2006.01)
(87) WO2022/058885
(31) 2014848.2 **(32)** 21.09.20 **(33)** GB
(43) 24.03.2022
(72) JORDAN, Steve; MEEKS, Alan
(74) Golja Haines & Friend

(71) ICU Medical, Inc.
(11) AU-A-2021301210
(21) 2021301210 **(22)** 28.06.2021
(54) Server-initiated transmission of messages to medical devices
(51) Int. Cl.
G16H 40/67 (2018.01)
(87) WO2022/006014
(31) 202011028207 **(32)** 02.07.20 **(33)** IN
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(43) 06.01.2022
(72) FRYMAN, Marshall E.; PICINICH, Matteo D.; RINDA, Jeffrey Eugene; COOK, Glen R.; TSAI, Yun Shao; VITHY-ANANTHAN, Anandaraman; KHADAR, Syedjavid Syed; JAIN, Pritish; KUMAR, Ujjawal
(74) Davies Collison Cave Pty Ltd

(71) ICU Medical, Inc.
(11) AU-A-2021311443
(21) 2021311443 **(22)** 15.07.2021
(54) Fluid transfer devices and methods of use
(51) Int. Cl.
A61J 1/10 (2006.01)
A61J 1/14 (2006.01)
A61J 1/16 (2006.01)
A61J 1/20 (2006.01)
A61J 1/22 (2006.01)
(87) WO2022/020184
(31) 63/054,568 **(32)** 21.07.20 **(33)** US
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(72) JANSSEN, Matthias
(74) Davies Collison Cave Pty Ltd

(71) IG6 Pty Ltd
(11) AU-A-2021307472
(21) 2021307472 **(22)** 14.07.2021
(54) An improved fire collar
(51) Int. Cl.
A62C 2/14 (2006.01)
A62C 2/06 (2006.01)
A62C 2/24 (2006.01)
E04B 1/94 (2006.01)
F16L 5/04 (2006.01)
F16L 55/10 (2006.01)
F16L 57/04 (2006.01)
F24F 13/14 (2006.01)
H02G 3/22 (2006.01)
(87) WO2022/011418
(31) 2020902424 **(32)** 14.07.20 **(33)** AU
(43) 20.01.2022
(72) VARDY, Benjamin
(74) Ahearn Fox

(71) IG6 Pty Ltd
(11) AU-A-2021309129
(21) 2021309129 **(22)** 14.07.2021
(54) An improved fire collar
(51) Int. Cl.
A62C 2/14 (2006.01)
A62C 2/06 (2006.01)
A62C 2/24 (2006.01)
E04B 1/94 (2006.01)
F16L 5/04 (2006.01)
F16L 55/10 (2006.01)
F16L 57/04 (2006.01)
F24F 13/14 (2006.01)
H02G 3/22 (2006.01)
(87) WO2022/011419
(31) 2020902423 **(32)** 14.07.20 **(33)** AU
(43) 20.01.2022
(72) DENOVAN, David
(74) Ahearn Fox

(71) Impossible Foods Inc.
(11) AU-A-2020467230
(21) 2020467230 **(22)** 14.09.2020
(54) Protein purification methods at alkaline pH
(51) Int. Cl.
A23L 33/195 (2016.01)
A23J 1/00 (2006.01)
A23J 1/18 (2006.01)
A23J 3/20 (2006.01)
C12N 1/06 (2006.01)
(87) WO2022/055513
(43) 17.03.2022
(72) HENDERSON Jr., Carl Allen; RAT-NAYAKE, Ratnayake Mudiyansele Duniika Nishani; RONNINGEN, Ian Guiles; DAFIK, Laila
(74) Spruson & Ferguson

(71) Incyte Corporation
(11) AU-A-2021322264
(21) 2021322264 **(22)** 05.08.2021
(54) Systems, methods, and computer programs, for analyzing images of a portion of a person to detect a severity of a medical condition

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G06V 20/20 (2022.01)
G06V 40/10 (2022.01)
G06V 40/16 (2022.01)
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(31) 63/061,572 (32) 05.08.20 (33) US
(43) 10.02.2022
(72) JENKINS, Julian; LEATHERS, Todd; ALI, Ryad
(74) Houlihan Intellectual Property Pty Ltd
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- (71) INIPHARM, INC.
(11) AU-A-2021310936
(21) 2021310936 (22) 23.07.2021
(54) Quinazolinone HSD17B13 inhibitors and uses thereof
- (51) Int. Cl.
A61P 1/16 (2006.01)
C07D 239/88 (2006.01)
C07D 239/90 (2006.01)
C07D 239/91 (2006.01)
C07D 401/04 (2006.01)
C07D 401/06 (2006.01)
C07D 401/12 (2006.01)
C07D 401/14 (2006.01)
C07D 403/04 (2006.01)
C07D 403/06 (2006.01)
C07D 403/12 (2006.01)
C07D 413/06 (2006.01)
C07D 471/04 (2006.01)
C07D 487/04 (2006.01)
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- (87) WO2022/020730
(31) 63/056,168 (32) 24.07.20 (33) US
63/113,557 13.11.20 US
(43) 27.01.2022
(72) ODINGO, Joshua; ANANDAN, Sampath Kumar; HSU, Heather Kay Webb; FLORIO, Vincent; TANTRY, Subramanyam Janardhan; DURAISWAMY, Athisayamani Jeyaraj; KUPPUSAMY, Bharathi Mohan
(74) FB Rice Pty Ltd
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- (71) Inspire Medical Systems, Inc.
(11) AU-A-2021311610
(21) 2021311610 (22) 21.07.2021
(54) Disease burden indication
- (51) Int. Cl.
A61B 5/00 (2006.01)
A61B 5/07 (2006.01)
A61B 5/113 (2006.01)
A61B 5/145 (2006.01)
A61N 1/36 (2006.01)
- (87) WO2022/020489
(31) 63/056,241 (32) 24.07.20 (33) US
(43) 27.01.2022
(72) THORP, Christopher; NESBITT, Nicholas; RONDONI, John; DIEKEN, David; VERZAL, Kevin; ORSER, Heather
(74) FB Rice Pty Ltd
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- (71) Instil Bio (UK) Limited
(11) AU-A-2021310467
(21) 2021310467 (22) 16.07.2021
(54) Chimeric molecules providing targeted costimulation for adoptive cell therapy
- (51) Int. Cl.
C07K 14/705 (2006.01)
- A61K 35/17** (2015.01)
C07K 14/725 (2006.01)
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(31) 63/053,498 (32) 17.07.20 (33) US
(43) 20.01.2022
(72) BRIDGEMAN, John; HAWKINS, Robert; RODRIGUEZ, Ruben
(74) Davies Collison Cave Pty Ltd
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- (71) Integral Molecular, Inc.
(11) AU-A-2021324615
(21) 2021324615 (22) 10.08.2021
(54) Methods and compositions for making antibody libraries and antibodies isolated from the same
- (51) Int. Cl.
C07K 16/00 (2006.01)
C07K 16/46 (2006.01)
C12N 15/09 (2006.01)
C12N 15/10 (2006.01)
C12N 15/11 (2006.01)
C12N 15/13 (2006.01)
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(74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd
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- (71) Integrated DNA Technologies, Inc.
(11) AU-A-2021311713
(21) 2021311713 (22) 22.07.2021
(54) Methods for nomination of nuclease on-/off-target editing locations, designated "CTL-seq" (CRISPR tag linear-seq)
- (51) Int. Cl.
C12Q 1/6811 (2018.01)
C12N 15/113 (2010.01)
C12Q 1/6869 (2018.01)
- (87) WO2022/020567
(31) 63/055,460 (32) 23.07.20 (33) US
(43) 27.01.2022
(72) MCNEILL, Matthew; TURK, Rolf; RETTIG, Garrett; BLACK, Ellen; SUN, Yongming; SAILOR, Chris; WANG, Yu; GUNDERSON, Keith; KINNEY, Kyle
(74) Griffith Hack
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- (71) Intellijoint Surgical Inc.
(11) AU-A-2021322848
(21) 2021322848 (22) 06.08.2021
(54) Systems and methods for procedure planning using prehabilitation input
- (51) Int. Cl.
A61B 34/10 (2016.01)
A61B 5/11 (2006.01)
A61F 2/30 (2006.01)
- (87) WO2022/027140
(31) 63/062,894 (32) 07.08.20 (33) US
(43) 10.02.2022
(72) HLADIO, Andre Novomir; SCHIPPER, Joseph Arthur
(74) Griffith Hack
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- (71) InterDigital Patent Holdings, Inc.
(11) AU-A-2021320424
(21) 2021320424 (22) 06.08.2021
(54) Multi-link steering and control in wlan
- (51) Int. Cl.
H04W 76/15 (2018.01)
H04W 48/12 (2009.01)
- (87) WO2022/032150
(31) 63/062,164 (32) 06.08.20 (33) US
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(43) 10.02.2022
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- (71) International Business Machines Corporation
(11) AU-A-2021337778
(21) 2021337778 (22) 03.09.2021
(54) Movement sequence analysis utilizing printed circuits
- (51) Int. Cl.
A61L 27/00 (2006.01)
- (87) WO2022/048636
(31) 17/012,177 (32) 04.09.20 (33) US
(43) 10.03.2022
(72) RAKSHIT, Sarbajit K.
(74) Spruson & Ferguson
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- (71) International Business Machines Corporation
(11) AU-A-2021339989
(21) 2021339989 (22) 02.09.2021
(54) Tri-color bitmap array for garbage collection
- (51) Int. Cl.
G06F 13/00 (2006.01)
- (87) WO2022/053914
(31) 17/015,324 (32) 09.09.20 (33) US
(43) 17.03.2022
(72) HORIE, Michihiro; OGATA, Kazunori
(74) Spruson & Ferguson
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- (71) International Business Machines Corporation
(11) AU-A-2021341757
(21) 2021341757 (22) 24.08.2021
(54) Speech recognition using data analysis and dilation of interlaced audio input
- (51) Int. Cl.
G10L 15/26 (2006.01)
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(31) 17/015,510 (32) 09.09.20 (33) US
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(74) Spruson & Ferguson
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- (71) InterVene, Inc.; Wilson, F.
(11) AU-A-2021308072
(21) 2021308072 (22) 16.07.2021
(54) Intravascular devices for delivery of fluids and therapeutic agents into blood vessel walls and intravascular structures
- (51) Int. Cl.
A61M 25/00 (2006.01)

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A61M 25/04 (2006.01)
A61M 25/10 (2013.01)
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(72) WILSON, Fletcher T.; ELKINS, Jeffrey
 M.; DELL, Kent D.; MENDOZA, Her-
 bert; GARRISON, Michi E.
(74) FB Rice Pty Ltd

(71) Inventio AG
(11) AU-A-2021323970
(21) 2021323970 (22) 29.07.2021
(54) Building system with elevator call entry
 via offline QR code credential
(51) Int. Cl.
B66B 1/46 (2006.01)
(87) WO2022/033882
(31) 20190840.7 (32) 13.08.20 (33) EP
(43) 17.02.2022
(72) CHEN, Samuel; WONG, Jack
(74) Griffith Hack

(71) Iota Biosciences, Inc.
(11) AU-A-2021335193
(21) 2021335193 (22) 24.08.2021
(54) Tracking an implantable device
 powered using ultrasonic waves
(51) Int. Cl.
H02J 50/15 (2016.01)
A61B 5/02 (2006.01)
(87) WO2022/046770
(31) 63/069,522 (32) 24.08.20 (33) US
(43) 03.03.2022
(72) KAY, Joshua; GOWDA, Suraj; MAHAR-
 BIZ, Michel M.; CARMENA, Jose M.
(74) Pizzeys Patent and Trade Mark Attor-
 neys Pty Ltd

(71) iPass Technologies
(11) AU-A-2021320420
(21) 2021320420 (22) 06.08.2021
(54) Methods, systems, apparatuses, and
 devices for facilitating streamlining of
 traveling processes for traveling
(51) Int. Cl.
G06Q 10/00 (2012.01)
(87) WO2022/032142
(31) 63/062,209 (32) 06.08.20 (33) US
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(72) MULKEY, Frederick Dwayne
(74) A.P.T. Patent and Trade Mark Attor-
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(21) 2021322052 (22) 30.07.2021
(54) 2-(4-((5-(benzo[b]thiophen-3-yl)-1H-tet-
 razol-1-yl)methyl)phenyl)-5-(difluoro-
 methyl)-1,3,4-oxadiazole derivatives
 and similar compounds as selective
 inhibitors of histone deacetylase 6
 (HDAC6) for use in treating e.g. peri-
 pheral neuropathy

(51) Int. Cl.
C07D 413/14 (2006.01)
A61K 31/381 (2006.01)
A61K 31/4035 (2006.01)
A61K 31/41 (2006.01)
A61K 31/4192 (2006.01)
A61K 31/4245 (2006.01)
A61K 31/427 (2006.01)
A61K 31/4439 (2006.01)
A61K 31/4725 (2006.01)
A61K 31/496 (2006.01)
C07D 413/08 (2006.01)
C07D 417/14 (2006.01)
C07D 471/10 (2006.01)
C07D 487/04 (2006.01)
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(43) 10.02.2022
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 bara; SANDRONE, Giovanni; ROC-
 CHIO, Ilaria; KACHKOVSKIY, Geor-
 gii; CAPRINI, Gianluca; FOSSATI, Gi-
 anluca; STEINKÜHLER, Christian;
 STEVENAZZI, Andrea
(74) Griffith Hack

(71) Ivys Inc.
(11) AU-A-2021309644
(21) 2021309644 (22) 13.07.2021
(54) Hydrogen fueling systems and methods
(51) Int. Cl.
G05D 1/02 (2020.01)
B65B 1/30 (2006.01)
(87) WO2022/015712
(31) 63/131,953 (32) 30.12.20 (33) US
 63/051,181 13.07.20 US
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(72) POLLICA, Darryl E.; O'BRIEN, Chris-
 topher J.; GORDON, Bryan
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 neys Pty Ltd

(71) J.MAC Safety Systems Limited
(11) AU-A-2021312369
(21) 2021312369 (22) 20.07.2021
(54) A brace for a safety deck
(51) Int. Cl.
E04G 5/16 (2006.01)
E04G 1/08 (2006.01)
E04G 7/22 (2006.01)
E04G 7/26 (2006.01)
E04G 25/06 (2006.01)

(87) WO2022/018428
(31) 2011322.1 (32) 22.07.20 (33) GB
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(72) MCCARTHY, Luis
(74) Wynnes Patent and Trade Mark Attor-
 neys Pty Ltd

(71) J.W. Speaker Corporation
(11) AU-A-2021310482
(21) 2021310482 (22) 19.07.2021
(54) Bi-functional headlamp for a vehicle

(51) Int. Cl.
F21S 41/147 (2018.01)
F21S 41/148 (2018.01)
F21S 41/20 (2018.01)
F21S 41/255 (2018.01)
F21S 41/29 (2018.01)
F21S 41/32 (2018.01)
F21S 41/40 (2018.01)
F21S 41/43 (2018.01)
F21S 41/47 (2018.01)
F21S 41/663 (2018.01)
(87) WO2022/016144
(31) 63/053,130 (32) 17.07.20 (33) US
(43) 20.01.2022
(72) KAY, Bradley William
(74) Pizzeys Patent and Trade Mark Attor-
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(71) JAMF Software, LLC
(11) AU-A-2021343381
(21) 2021343381 (22) 08.09.2021
(54) Monitoring web-based exams
(51) Int. Cl.
G09B 7/00 (2006.01)
G09B 5/00 (2006.01)
G09B 7/02 (2006.01)
G09B 7/07 (2006.01)
G09F 11/30 (2006.01)

(87) WO2022/060612
(31) 63/081,079 (32) 21.09.20 (33) US
(43) 24.03.2022
(72) MAXIM, Aaron; WEISS, Samuel Jacob;
 YURESKO, Jonathan
(74) Spruson & Ferguson

(71) JAMF Software, LLC
(11) AU-A-2021349869
(21) 2021349869 (22) 08.09.2021
(54) Passwordless authentication
(51) Int. Cl.
H04L 9/32 (2006.01)
G06F 17/00 (2019.01)
H04L 9/08 (2006.01)
H04L 9/14 (2006.01)

(87) WO2022/066415
(31) 63/084,449 (32) 28.09.20 (33) US
(43) 31.03.2022
(72) RENNICH, Joel; WISENBAKER, Josh;
 HAMMOND, Kyle Wainwright
(74) Spruson & Ferguson

(71) Janssen Biotech, Inc.
(11) AU-A-2021308574
(21) 2021308574 (22) 13.07.2021
(54) Safe and effective method of treating
 psoriatic arthritis with anti-IL23 specific
 antibody
(51) Int. Cl.
A61K 39/395 (2006.01)
A61P 17/06 (2006.01)
A61P 19/02 (2006.01)
C07K 16/24 (2006.01)

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(31) 63/051,341 (32) 13.07.20 (33) US
(43) 20.01.2022
(72) KOLLMEIER, Alexa; HSIA, Elizabeth;
 XU, Xie; ZHOU, Bei
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<p>(71) Janssen Pharmaceutica NV (11) AU-A-2021303739 (21) 2021303739 (22) 06.07.2021 (54) System and method for detecting or predicting return in major depressive disorder (51) Int. Cl. G16H 20/10 (2018.01) G16H 50/20 (2018.01) (87) WO2022/008523 (31) 63/049,053 (32) 07.07.20 (33) US 63/202,871 28.06.21 US (43) 13.01.2022 (72) VAIRAVAN, Srinivasan; NARAVAYAN, Vaibhav; MORRISON, Randall L. (74) Spruson & Ferguson</p>	<p>(71) Janssen Sciences Ireland Unlimited Company (11) AU-A-2021337850 (21) 2021337850 (22) 01.09.2021 (54) Biomarkers and uses thereof in the treatment of chronic HBV infection (51) Int. Cl. C12Q 1/6881 (2018.01) C12Q 1/70 (2006.01) (87) WO2022/049504 (31) 63/073,617 (32) 02.09.20 (33) US (43) 10.03.2022 (72) TUEFFERD, Marianne Isabelle; CRABBE, Marjolein; BOLLEKENS, Jacques Armand Henri; AERSSENS, Jeroen Marcel Maria Roger; DI CARA, Alessandro (74) Spruson & Ferguson</p>	<p>(71) Jiangsu Shemar Electric Co., Ltd. (11) AU-A-2021429765 (21) 2021429765 (22) 12.10.2021 (54) Composite cross arm and power transmission tower (51) Int. Cl. E04H 12/24 (2006.01) (87) WO2022/179114 (31) 202110206367.9 (32) 24.02.21 (33) CN (43) 01.09.2022 (72) MA, Bin; YU, Jie; HUANG, Qing (74) James & Wells Intellectual Property</p>
<p>(71) Janssen Pharmaceutica NV (11) AU-A-2021306644 (21) 2021306644 (22) 08.07.2021 (54) Macrocyclic ether containing indole derivatives as inhibitors of MLC-1 (51) Int. Cl. A61P 35/00 (2006.01) A61K 31/395 (2006.01) C07D 515/22 (2006.01) (87) WO2022/008674 (31) 20184729.0 (32) 08.07.20 (33) EP (43) 13.01.2022 (72) DE BOECK, Benoît Christian Albert Ghislain; BUIJNSTERS, Petrus Jacobus Johannes Antonius; FERRER CABRERA, Sofia; PESCHIULLI, Aldo; REUILLON, Tristan; ROMBOUTS, Frederik Jan Rita; VELTER, Adriana-Ingrid (74) Spruson & Ferguson</p>	<p>(71) Jazz Pharmaceuticals Ireland Limited (11) AU-A-2021318923 (21) 2021318923 (22) 28.07.2021 (54) Chiral synthesis of fused bicyclic Raf inhibitors (51) Int. Cl. C07D 405/04 (2006.01) A61K 31/4375 (2006.01) A61K 31/4439 (2006.01) A61P 35/00 (2006.01) C07D 471/04 (2006.01) (87) WO2022/023450 (31) 63/057,531 (32) 28.07.20 (33) US (43) 03.02.2022 (72) BELFIELD, Andrew; HAWKINS, Neil; GLOSSOP, Steven Christopher; MARGATHE, Jean-François; JONES, Clifford David; COLLETTA, Chiara (74) Davies Collison Cave Pty Ltd</p>	<p>(71) Johnson Matthey Process Technologies, Inc (11) AU-A-2021357054 (21) 2021357054 (22) 22.09.2021 (54) Additive for FCC process (51) Int. Cl. C10G 11/02 (2006.01) B01J 29/46 (2006.01) C10G 11/05 (2006.01) (87) WO2022/076169 (31) 63/198,262 (32) 07.10.20 (33) US (43) 14.04.2022 (72) ALLAHVERDI, Mehdi; DIDDAMS, Paul; KANYI, Charles (74) Spruson & Ferguson</p>
<p>(71) Janssen Pharmaceutica NV (11) AU-A-2021309020 (21) 2021309020 (22) 14.07.2021 (54) Blood-based assay for detecting tauopathy or amyloidogenic disease (51) Int. Cl. G01N 33/68 (2006.01) (87) WO2022/013286</p>	<p>(71) Jiangsu Hengrui Pharmaceuticals Co., Ltd.; Shanghai Hengrui Pharmaceutical Co., Ltd. (11) AU-A-2021314401 (21) 2021314401 (22) 20.07.2021 (54) Sulfur-containing isoindoline derivative, and preparation method thereof and medical use thereof (51) Int. Cl. C07D 401/14 (2006.01) A61K 31/454 (2006.01) A61P 35/00 (2006.01) (87) WO2022/017365 (31) 202010696995.5 (32) 20.07.20 (33) CN 202010783483.2 06.08.20 CN 202011223930.5 05.11.20 CN 202110410441.9 16.04.21 CN (43) 27.01.2022 (72) YANG, Fanglong; JIA, Minqiang; CHEN, Gang; GUO, Peihua; ZHANG, Limin; HE, Feng; TAO, Weikang (74) Davies Collison Cave Pty Ltd</p>	<p>(71) Johnson Matthey Public Limited Company (11) AU-A-2021358460 (21) 2021358460 (22) 14.09.2021 (54) Hydrogen process (51) Int. Cl. C01B 3/16 (2006.01) B01J 23/80 (2006.01) C01B 3/38 (2006.01) (87) WO2022/074356 (31) 2016050.3 (32) 09.10.20 (33) GB (43) 14.04.2022 (72) CUI, Youxin; GARCIA, Monica; GLEN, Pauline Elizabeth; MACLEOD, Norman; MISTRY, Neetisha; NICHOLSON, Michael Thomas; ROLOFF-STANDRING, Simone; SMITH, Thomas; STANNESS, Helen Elizabeth; STANWAY, Melanie Andrea; UN DIN, Kaamila (74) Spruson & Ferguson</p>

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<p>(71) Karatzis S.A. Industrial & Hotelier Enterprises (11) AU-A-2021371782 (21) 2021371782 (22) 27.07.2021 (54) Plastic netting in the form of raschel netting for the cultivation and harvest of onions (51) Int. Cl. <i>D04B 21/12</i> (2006.01) (87) WO2022/089801 (31) 10 2020 128 480.2 (32) 29.10.20 (33) DE (43) 05.05.2022 (72) KARATZIS, Antonios (74) Arceo IP</p>	<p>(71) Kimberly-Clark Worldwide, Inc. (11) AU-A-2021310924 (21) 2021310924 (22) 23.07.2021 (54) Method for modulating the bladder microbiome to improve bladder health (51) Int. Cl. <i>A61K 35/747</i> (2015.01) (87) WO2022/020670 (31) 63/055,371 (32) 23.07.20 (33) US (43) 27.01.2022 (72) HORKMAN, Alexander J.; ENGELBRECHT, Kathleen C.; KOENIG, David W. (74) Spruson & Ferguson</p>	<p>17/401,542 13.08.21 US (43) 24.02.2022 (72) A.E. HAUSER, Charlotte; ALSHEHRI, Salwa; HARI SUSAPTO, Hepi (74) Alder IP Pty Ltd</p>
<p>(71) Key DH IP Inc./IP Strategiques DH, Inc. (11) AU-A-2021339270 (21) 2021339270 (22) 08.09.2021 (54) Filter press end assembly and fluid management system for use in unipolar electrochemical devices (51) Int. Cl. <i>C25B 9/73</i> (2021.01) <i>C25B 15/08</i> (2006.01) (87) WO2022/051848 (31) 63/076,180 (32) 09.09.20 (33) US (43) 17.03.2022 (72) STUART, Andrew T.B.; LACHANCE, Raynald G.; STUART, Edward D.B.; SPAL, Jaideep S. (74) Spruson & Ferguson</p>	<p>(71) Kimberly-Clark Worldwide, Inc. (11) AU-A-2021312896 (21) 2021312896 (22) 23.07.2021 (54) Method for modulating the bladder microbiome to improve bladder health (51) Int. Cl. <i>A61K 35/741</i> (2015.01) <i>A61K 35/745</i> (2015.01) <i>A61K 35/747</i> (2015.01) (87) WO2022/020673 (31) 63/055,369 (32) 23.07.20 (33) US (43) 27.01.2022 (72) ENGELBRECHT, Kathleen C.; DONEY, Elizabeth M.; KOENIG, David W.; QUIRK, Stephen; HORKMAN, Alexander J.; BALLESTEROS, Jane (74) Spruson & Ferguson</p>	<p>(71) Kira Pharmaceuticals (Suzhou) Ltd. (11) AU-A-2021321901 (21) 2021321901 (22) 06.08.2021 (54) Compounds as C5ar inhibitors (51) Int. Cl. <i>C07D 215/54</i> (2006.01) <i>A61K 31/445</i> (2006.01) <i>A61P 37/00</i> (2006.01) (87) WO2022/028586 (31) PCT/ (32) 07.08.20 (33) CN CN2020/107800 (43) 10.02.2022 (72) PAN, Gonghua; ZHU, Xihua; ZHU, Yingjie (74) AJ PARK</p>
<p>(71) Kikkoman Corporation (11) AU-A-2021320960 (21) 2021320960 (22) 02.08.2021 (54) Food/beverage article (51) Int. Cl. <i>A23L 3/3544</i> (2006.01) <i>A01N 43/16</i> (2006.01) <i>A01P 3/00</i> (2006.01) <i>A23L 27/00</i> (2016.01) <i>A23L 27/50</i> (2016.01) <i>A61K 31/343</i> (2006.01) <i>A61K 31/352</i> (2006.01) <i>A61K 31/353</i> (2006.01) <i>A61K 31/37</i> (2006.01) <i>A61P 31/00</i> (2006.01) (87) WO2022/030443 (31) 2020-135109 (32) 07.08.20 (33) JP (43) 10.02.2022 (72) SHIMABE, Eiji; UCHIDA, Riichiro; KOBAYASHI, Sachiko; MARUSHIMA, Kazuya; ENDO, Yoshikazu; OHIRA, Takuya (74) James & Wells Intellectual Property</p>	<p>(71) Kimetec GmbH (11) AU-A-2021342115 (21) 2021342115 (22) 21.06.2021 (54) Ligature device for body parts (51) Int. Cl. <i>A61B 17/132</i> (2006.01) (87) WO2022/053193 (31) 10 2020 123 496.1 (32) 09.09.20 (33) DE (43) 17.03.2022 (72) KIRCHNER, Claudia; KIRCHNER, Hansjörg; IHLE, Caroline (74) Integrated IP</p>	<p>(71) Komatsu Forest AB (11) AU-A-2021326650 (21) 2021326650 (22) 17.08.2021 (54) Adaptive control of a hydraulic timber grip on a timber handling device (51) Int. Cl. <i>A01G 23/00</i> (2006.01) <i>B66C 1/58</i> (2006.01) <i>B66C 3/16</i> (2006.01) <i>F15B 11/024</i> (2006.01) (87) WO2022/039650 (31) 2050966-7 (32) 20.08.20 (33) SE (43) 24.02.2022 (72) MÄKI, Fredrik; LARSSON, Jonas (74) Griffith Hack</p>
<p>(71) Kimberly-Clark Worldwide, Inc. (11) AU-A-2020459961 (21) 2020459961 (22) 21.07.2020 (54) Article with improved elastomeric waist-band (51) Int. Cl. <i>A61F 13/496</i> (2006.01) <i>A61F 13/72</i> (2006.01) (87) WO2022/019891 (43) 27.01.2022 (72) CHO, EunHye; VNUKOV, Dmitry (74) Spruson & Ferguson</p>	<p>(71) King Abdullah University of Science and Technology (11) AU-A-2021328760 (21) 2021328760 (22) 19.08.2021 (54) Scaffolds from self-assembling tetrapeptides support 3D spreading, osteogenic differentiation and angiogenesis of mesenchymal stem cells (51) Int. Cl. <i>C12N 5/071</i> (2010.01) <i>A61L 27/36</i> (2006.01) <i>B33Y 30/00</i> (2015.01) <i>B33Y 70/00</i> (2020.01) <i>B33Y 80/00</i> (2015.01) <i>C07K 5/103</i> (2006.01) <i>C12N 5/077</i> (2010.01) (87) WO2022/038551 (31) 63/067,913 (32) 20.08.20 (33) US 63/067,962 20.08.20 US 17/401,434 13.08.21 US</p>	<p>(71) Komatsu Ltd. (11) AU-A-2021357619 (21) 2021357619 (22) 05.10.2021 (54) Ripper point mounting structure, and ripper point (51) Int. Cl. <i>E02F 5/32</i> (2006.01) <i>E02F 9/28</i> (2006.01) (87) WO2022/075295 (31) 2020-169861 (32) 07.10.20 (33) JP (43) 14.04.2022 (72) FURUDATE, Yudai; UEDA, Masakuni; TANAKA, Daijirou; HATSUSHI, Jinnai; KONDOU, Monta (74) Spruson & Ferguson</p>
<p>(71) KONE Corporation (11) AU-A-2020462252 (21) 2020462252 (22) 04.08.2020 (54) A drive system and method for controlling a drive system (51) Int. Cl. <i>B66B 1/30</i> (2006.01) <i>B66B 1/28</i> (2006.01) (87) WO2022/028674 (43) 10.02.2022 (72) SALOMÄKI, Janne (74) Collison & Co</p>		

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 (11) AU-A-2021318485
 (21) 2021318485 (22) 21.07.2021
 (54) Proof-of-work techniques for validating online activities
 (51) Int. Cl.
G06F 21/36 (2013.01)
H04L 9/32 (2006.01)
 (87) WO2022/026273
 (31) 63/057,035 (32) 27.07.20 (33) US
 (43) 03.02.2022
 (72) GALLI, Christopher John; DAVIS, James Gregory; PUTNAM, Arthur Jacob
 (74) FB Rice Pty Ltd
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- (71) Kount Inc.
 (11) AU-A-2021321598
 (21) 2021321598 (22) 04.08.2021
 (54) Machine-learning techniques for detection of unauthorized access of interactive computing environment functions
 (51) Int. Cl.
G06N 20/00 (2019.01)
H04W 12/67 (2021.01)
 (87) WO2022/032285
 (31) 63/061,745 (32) 05.08.20 (33) US
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 (72) JOHNSTON, Joshua Michael
 (74) FB Rice Pty Ltd
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- (71) KPMG AZSA LLC
 (11) AU-A-2021331139
 (21) 2021331139 (22) 25.08.2021
 (54) Crypto-asset blockchain processing device, processing method, processing system, and processing program
 (51) Int. Cl.
G06Q 20/38 (2012.01)
G06F 16/17 (2019.01)
G06F 16/182 (2019.01)
G06F 16/27 (2019.01)
G06F 21/64 (2013.01)
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 (72) SEKI Yoshinori; KONDO Junya; SUGIHARA Takeshi; KAMIJO, Chiaki; ABE, Toshiyuki; MURATA, Toshihiko; TOYOTA, Masatake; GAMBHIR, Jitendra Kumar; THANGARAJ, Goutham; JADA, Astha Hareshbhai; KAZI, Noorah; TODA, Shingo; Tarun
 (74) Spruson & Ferguson
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- (71) Kronz, M.
 (11) AU-A-2021309114
 (21) 2021309114 (22) 10.07.2021
 (54) Purging apparatus for a coater
 (51) Int. Cl.
B05C 1/04 (2006.01)
B05B 15/55 (2018.01)
B05C 1/00 (2006.01)
B05C 1/02 (2006.01)
B05D 7/22 (2006.01)
F16L 55/32 (2006.01)
F16L 58/02 (2006.01)
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- (71) Kverneland Group Nieuw-Vennep B.V.
 (11) AU-A-2021360201
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 (54) Agricultural sprayer and method for operating an agricultural sprayer
 (51) Int. Cl.
A01M 7/00 (2006.01)
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 (43) 21.04.2022
 (72) VAN DER KROGT, René
 (74) AJ Pietras IP Limited
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- (71) Lamberti SpA
 (11) AU-A-2021339874
 (21) 2021339874 (22) 26.08.2021
 (54) Method for improving the performances of systemic active substances and microbial inoculants
 (51) Int. Cl.
A01N 25/10 (2006.01)
A01N 25/04 (2006.01)
A01N 43/16 (2006.01)
A01N 43/54 (2006.01)
A01N 43/78 (2006.01)
A01P 21/00 (2006.01)
C08L 1/28 (2006.01)
C09K 17/32 (2006.01)
 (87) WO2022/053325
 (31) 102020000021232 (32) 08.09.20 (33) IT
 (43) 17.03.2022
 (72) OSBURN, Robert
 (74) ALLENS PATENT & TRADE MARK ATTORNEYS
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- (71) LandScan, LLC; Rooney, D.; Farrington, S.; Dlott, J.; Wallace, W.
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 (21) 2021329306 (22) 17.08.2021
 (54) Site characterization for agriculture
 (51) Int. Cl.
G06Q 10/04 (2012.01)
G06Q 50/02 (2012.01)
 (87) WO2022/040192
 (31) 63/066,753 (32) 17.08.20 (33) US
 (43) 24.02.2022
 (72) ROONEY, Daniel James; FARRINGTON, Stephen; DLOTT, Jeffery Winget; WALLACE, Woody Guthrie
 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd
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- (71) Lefkus, J.
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 (21) 2021339379 (22) 30.07.2021
 (54) Building elements and structures having materials with shielding properties
 (51) Int. Cl.
E04B 1/92 (2006.01)
 (87) WO2022/055631
 (31) 63/058,639 (32) 30.07.20 (33) US
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- (71) KRONZ, Michael
 (72) LEFKUS, John
 (74) FB Rice Pty Ltd
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- (71) Lenovo (Singapore) Pte. Ltd.
 (11) AU-A-2021307585
 (21) 2021307585 (22) 10.07.2021
 (54) Sidelink discontinuous reception configuration
 (51) Int. Cl.
H04W 52/02 (2009.01)
H04W 76/14 (2018.01)
H04W 76/28 (2018.01)
H04W 88/04 (2009.01)
H04W 92/18 (2009.01)
 (87) WO2022/013699
 (31) 63/051,184 (32) 13.07.20 (33) US
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 (72) BASU MALLICK, Prateek; GANESAN, Karthikeyan; LOEHR, Joachim; KARAMPATIS, Dimitrios; KUCHIBHOTLA, Ravi
 (74) FPA Patent Attorneys Pty Ltd
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- (71) Lenovo (Singapore) Pte. Ltd.
 (11) AU-A-2021325422
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 (54) Sidelink angular-based and SL RRM-based positioning
 (51) Int. Cl.
G01S 5/00 (2006.01)
G01S 5/02 (2010.01)
H04W 72/02 (2009.01)
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 (31) 63/063,824 (32) 10.08.20 (33) US
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 (72) THOMAS, Robin; GANESAN, Karthikeyan; BHAMRI, Ankit; NANGIA, Vijay
 (74) FPA Patent Attorneys Pty Ltd
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- (71) Lenovo (Singapore) Pte. Ltd.
 (11) AU-A-2021326057
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 (54) Autonomous sidelink resource selection
 (51) Int. Cl.
H04W 72/02 (2009.01)
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 (87) WO2022/034485
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 (43) 17.02.2022
 (72) GANESAN, Karthikeyan; THOMAS, Robin; BHAMRI, Ankit; NANGIA, Vijay
 (74) FPA Patent Attorneys Pty Ltd
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- (71) LG Electronics Inc.
 (11) AU-A-2021455532
 (21) 2021455532 (22) 06.08.2021
 (54) Audio/video transmitting device and wireless display system

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H04B 7/00 (2006.01)
H04H 20/00 (2008.01)
- (87) WO2023/013798
(43) 09.02.2023
(72) PARK, Gibaek
(74) Dentons Patent Attorneys Australasia Limited
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- (71) LifeClean International AB
(11) AU-A-2021329204
(21) 2021329204 (22) 17.08.2021
(54) An aerosol composition for eliminating pathogenic microorganisms
- (51) Int. Cl.
A61L 2/18 (2006.01)
A61L 2/22 (2006.01)
A61L 9/14 (2006.01)
- (87) WO2022/039652
(31) 2050958-4 (32) 17.08.20 (33) SE
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(72) LENNERNÄS, Bo; MILLINGER, Carl-Gustav
(74) Griffith Hack
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- (71) Lightcast Discovery Ltd
(11) AU-A-2021324409
(21) 2021324409 (22) 10.08.2021
(54) Improvements in or relating to a method of maintaining a microdroplet
- (51) Int. Cl.
B01L 3/00 (2006.01)
C12M 1/00 (2006.01)
C12M 1/12 (2006.01)
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(72) DIECKMANN, Nele; MASTROGIOVANNI, Gianmarco; TALBOT, Emma Louise; DEACON, William Michael
(74) FB Rice Pty Ltd
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- (71) Lindsay Corporation
(11) AU-A-2021321998
(21) 2021321998 (22) 19.07.2021
(54) Irrigation system alignment controller
- (51) Int. Cl.
A01G 25/09 (2006.01)
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(72) MILLER, Mark William; BARKER, Luke Joseph
(74) PHILLIPS ORMONDE FITZPATRICK
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(54) Compositions and methods for embryonic stem cell expansion
- (51) Int. Cl.
C12N 5/0735 (2010.01)
A61P 43/00 (2006.01)
C12N 11/02 (2006.01)
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(72) ALON, Lilach; SKALITER, Rami; TIKOTZKI, Ravid; HAYOUN NEEMAN, Dana; WISER, Ofer
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) Lineage Logistics, LLC
(11) AU-A-2021320493
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(54) Lens heater assembly
- (51) Int. Cl.
G03B 17/55 (2021.01)
G02B 27/00 (2006.01)
- (87) WO2022/032239
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- (71) Litus Inc.
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(54) Nanomaterial composites useful for the extraction and recovery of lithium from aqueous solutions
- (51) Int. Cl.
C01G 23/04 (2006.01)
B82Y 30/00 (2011.01)
C01B 25/26 (2006.01)
C01B 33/00 (2006.01)
C01D 15/00 (2006.01)
C01G 23/00 (2006.01)
C01G 25/00 (2006.01)
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E02B 9/08 (2006.01)
F03B 13/12 (2006.01)
F03B 13/14 (2006.01)
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F03G 7/08 (2006.01)
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B29C 64/20 (2017.01)
B65D 90/54 (2006.01)
F16J 13/06 (2006.01)
F16J 15/06 (2006.01)
F16L 23/10 (2006.01)
F16L 23/22 (2006.01)
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F17C 13/06 (2006.01)
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F21V 8/00 (2006.01)
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B01D 69/10 (2006.01)
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A61K 38/17 (2006.01)
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A61K 31/506 (2006.01)
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A61P 1/16 (2006.01)
C07D 263/44 (2006.01)
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A42B 1/24 (2021.01)
A42B 1/0182 (2021.01)
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A42B 1/02 (2006.01)
A42B 3/04 (2006.01)
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C11D 17/04 (2006.01)
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A61P 35/00 (2006.01)
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H04W 4/02 (2018.01)
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C08G 18/12 (2006.01)
C08K 3/10 (2018.01)
C08K 3/34 (2006.01)
C08K 3/36 (2006.01)
C08L 33/08 (2006.01)
C08L 75/04 (2006.01)
C09D 1/02 (2006.01)
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- (71) Neuro Device Group S.A.
 (11) AU-A-2021334092
 (21) 2021334092 (22) 23.08.2021
 (54) Training system with interaction assist feature, training arrangement and training
 (51) Int. Cl.
A61N 1/04 (2006.01)
A61N 1/372 (2006.01)
 (87) WO2022/043240
 (31) 20461559.5 (32) 24.08.20 (33) EP
 (43) 03.03.2022
 (72) GARNIER, Justyna Julia; KINAS-IEWICZ, Joanna; MALEJ, Krzysztof Mateusz; SOLUCH, Pawel Sebastian
 (74) Griffith Hack
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- (71) Nexa3D Inc.
 (11) AU-A-2021337545
 (21) 2021337545 (22) 20.08.2021
 (54) Multi-material membrane for vat polymerization printer
 (51) Int. Cl.
B29C 64/129 (2017.01)

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B33Y 10/00 (2015.01)
B33Y 30/00 (2015.01)
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(31) 16/948,118 (32) 03.09.20 (33) US
(43) 10.03.2022
(72) JOU, Jeng-dung; MEDALSY, Izhar
(74) FPA Patent Attorneys Pty Ltd

(71) NextCell Pharma AB
(11) AU-A-2021325735
(21) 2021325735 (22) 13.08.2021
(54) Allogeneic composition for treatment of COVID-19
(51) Int. Cl.
C12N 5/0775 (2010.01)
A61K 35/12 (2015.01)
A61K 35/28 (2015.01)
C12N 5/073 (2010.01)
G01N 33/50 (2006.01)
(87) WO2022/034220
(31) PCT/ (32) 14.08.20 (33) EP
 EP2020/072918
(43) 17.02.2022
(72) SVAHN, Mathias; DAHLLUND, Johanna; KHALAJ, Bahareh; DAVIES, Lindsay Catrina
(74) FB Rice Pty Ltd

(71) NicoNovum AB
(11) AU-A-2021323907
(21) 2021323907 (22) 21.06.2021
(54) A container
(51) Int. Cl.
B65D 21/02 (2006.01)
B65D 1/16 (2006.01)
(87) WO2022/033752
(31) 2012571.2 (32) 12.08.20 (33) GB
(43) 17.02.2022
(72) FRANSEN, Nelly; MUHAMMED, Salih
(74) Spruson & Ferguson

(71) Nicoventures Trading Limited
(11) AU-A-2021328314
(21) 2021328314 (22) 20.08.2021
(54) Aerosol-generating material with combustion retarding properties and uses thereof
(51) Int. Cl.
A24B 15/12 (2006.01)
A24B 15/28 (2006.01)
A24D 1/10 (2006.01)
A24D 1/20 (2020.01)
(87) WO2022/038372
(31) 2013123.1 (32) 21.08.20 (33) GB
 2109081.6 24.06.21 GB
(43) 24.02.2022
(72) AOUN, Walid Abi
(74) Spruson & Ferguson

(71) Nicoventures Trading Limited
(11) AU-A-2021338551
(21) 2021338551 (22) 03.09.2021
(54) Compositions and methods
(51) Int. Cl.
A24B 3/14 (2006.01)
A24B 13/00 (2006.01)

A24B 15/14 (2006.01)
A24B 15/16 (2020.01)
A24B 15/30 (2006.01)
A24D 1/20 (2020.01)
(87) WO2022/049242
(31) 63/074,088 (32) 03.09.20 (33) US
(43) 10.03.2022
(72) ABI AOUN, Walid; MUA, John Paul
(74) Spruson & Ferguson

(71) Nicoventures Trading Limited
(11) AU-A-2021342739
(21) 2021342739 (22) 15.09.2021
(54) Apparatus for an aerosol generating device
(51) Int. Cl.
A24F 40/465 (2020.01)
H02M 7/48 (2007.01)
H02M 7/537 (2006.01)
H05B 6/06 (2006.01)
H05B 6/10 (2006.01)
(87) WO2022/058723
(31) 2014643.7 (32) 17.09.20 (33) GB
(43) 24.03.2022
(72) VINTOLA, Tomi; ZHENG, Zhiyong
(74) Spruson & Ferguson

(71) Nomad Bioscience GmbH
(11) AU-A-2021308848
(21) 2021308848 (22) 29.06.2021
(54) Products for oral consumption with reduced sugar content
(51) Int. Cl.
A23L 27/30 (2016.01)
A23L 27/00 (2016.01)
A23L 29/30 (2016.01)
A23L 33/185 (2016.01)
C07K 14/43 (2006.01)
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(31) 20186323.0 (32) 16.07.20 (33) EP
(43) 20.01.2022
(72) STEPHAN, Anett; HAHN-LÖBMANN, Simone; PROCHASKA, Heike; GIRITCH, Anatoli; GLEBA, Yuri
(74) Spruson & Ferguson

(71) Nordic Inertial OY
(11) AU-A-2021304421
(21) 2021304421 (22) 02.07.2021
(54) Absolute heading estimation with constrained motion
(51) Int. Cl.
G01C 19/38 (2006.01)
E02F 3/84 (2006.01)
E02F 9/20 (2006.01)
G01C 21/16 (2006.01)
(87) WO2022/008361
(31) 10 2020 118 321.6 (32) 10.07.20 (33) DE
(43) 13.01.2022
(72) COLLIN, Jussi
(74) IP SOLVED (ANZ) PTY. LTD.

(71) Norris, J.; McDonald, R.
(11) AU-A-2021314571
(21) 2021314571 (22) 29.07.2021

(54) Apparatus and method for continuously casting a member from a settable material
(51) Int. Cl.
B28B 5/02 (2006.01)
B28B 5/00 (2006.01)
(87) WO2022/020899
(31) 2020902663 (32) 29.07.20 (33) AU
(43) 03.02.2022
(72) NORRIS, Joseph; MCDONALD, Roderick
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) Novozymes A/S; Microbiogen Pty. Ltd.
(11) AU-A-2021338555
(21) 2021338555 (22) 03.09.2021
(54) Improved fermenting organism for ethanol production
(51) Int. Cl.
C12P 7/10 (2006.01)
C12N 1/18 (2006.01)
C12N 15/01 (2006.01)
(87) WO2022/049250
(31) 63/074,709 (32) 04.09.20 (33) US
 63/157,551 05.03.21 US
(43) 10.03.2022
(72) MAEDA, Roberto Nobuyuki; BELL, Philip John Livingstone
(74) Spruson & Ferguson

(71) NuVasive, Inc.
(11) AU-A-2021331182
(21) 2021331182 (22) 26.08.2021
(54) Ratchet retracting handles
(51) Int. Cl.
A61B 17/17 (2006.01)
A61B 17/70 (2006.01)
A61B 17/86 (2006.01)
A61B 17/88 (2006.01)
(87) WO2022/046981
(31) 63/071,956 (32) 28.08.20 (33) US
(43) 03.03.2022
(72) KIBRYA, Naomi; LOVE, John; JAC-OBS, Matthew Tobias; WOODS, Ryan; JEFFORDS, Megan
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Oakwood Laboratories, LLC
(11) AU-A-2021329820
(21) 2021329820 (22) 17.08.2021
(54) Microsphere formulations comprising ketamine and methods for making and using the same
(51) Int. Cl.
A61K 31/167 (2006.01)
A61K 31/485 (2006.01)
A61K 31/573 (2006.01)
(87) WO2022/040130
(31) 63/067,068 (32) 18.08.20 (33) US
 63/149,911 16.02.21 US
(43) 24.02.2022
(72) GALASKA, Rachel; KAHT, Kelsey; RICHEY, Tracy
(74) James & Wells Intellectual Property

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(11) AU-A-2021325729
(21) 2021325729 (22) 12.08.2021
(54) Track assembly for a storage system
(51) Int. Cl.
B65G 1/04 (2006.01)
(87) WO2022/034190
(31) 2012740.3 (32) 14.08.20 (33) GB
2012751.0 14.08.20 GB
2013968.9 04.09.20 GB
2016081.8 09.10.20 GB
2016097.4 09.10.20 GB
(43) 17.02.2022
(72) MALINOWSKI, Jaroslaw; KA-
ROLINCZAK, Pawel; BATES, Martyn;
INGRAM-TEDD, Andrew; MILLWARD,
Stephen
(74) James & Wells Intellectual Property
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- (71) Ocado Innovation Limited
(11) AU-A-2021335275
(21) 2021335275 (22) 25.08.2021
(54) A grid framework structure
(51) Int. Cl.
B65G 1/04 (2006.01)
(87) WO2022/048973
(31) 2013968.9 (32) 04.09.20 (33) GB
(43) 10.03.2022
(72) INGRAM-TEDD, Andrew; MILLWARD,
Stephen
(74) James & Wells Intellectual Property
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- (71) Ocado Innovation Limited
(11) AU-A-2021336742
(21) 2021336742 (22) 01.09.2021
(54) Transporting device and storage system
(51) Int. Cl.
B65G 1/04 (2006.01)
(87) WO2022/049101
(31) 2013719.6 (32) 01.09.20 (33) GB
(43) 10.03.2022
(72) THOMAS, Ben; SHARP, David; LAN-
CASTER, Adam; CLARK, Sean; ZAM-
MIT, Joseph; ZHOU, Yongji
(74) James & Wells Intellectual Property
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- (71) OCP SA
(11) AU-A-2021309240
(21) 2021309240 (22) 12.07.2021
(54) Method for manufacturing sulphuric
acid
(51) Int. Cl.
C01B 17/78 (2006.01)
C01B 17/79 (2006.01)
C01B 17/80 (2006.01)
(87) WO2022/015130
(31) 2007464 (32) 16.07.20 (33) FR
(43) 20.01.2022
(72) AZHARI, Yassine
(74) Davies Collison Cave Pty Ltd
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- (71) OCP SA; UNIVERSITE MOHAMED VI
POLYTECHNIQUE
(11) AU-A-2021315328
(21) 2021315328 (22) 28.07.2021
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- (71) Method for manufacturing ammonium
sulphate and calcium carbonate from
phosphogypsum
(51) Int. Cl.
C01F 11/18 (2006.01)
B09B 5/00 (2006.01)
C01C 1/24 (2006.01)
(87) WO2022/025742
(31) FR2008203 (32) 31.07.20 (33) FR
(43) 03.02.2022
(72) HASSOUNE, Hicham; LACHEHAB,
Adil; BOULIF, Rachid
(74) Davies Collison Cave Pty Ltd
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- (71) OCS IP PTY LTD
(11) AU-A-2021309128
(21) 2021309128 (22) 13.07.2021
(54) Organic carbonisation system and
method therefor
(51) Int. Cl.
C10B 49/02 (2006.01)
(87) WO2022/011414
(31) 2020902416 (32) 13.07.20 (33) AU
(43) 20.01.2022
(72) TAOUK, Joseph; BRUCE, Barnaby
Jonathan
(74) IP Guardian Pty Ltd
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- (71) Omnifi Inc.
(11) AU-A-2021313127
(21) 2021313127 (22) 19.07.2021
(54) Flexible wireless interconnection and
board diversity
(51) Int. Cl.
H04W 88/08 (2009.01)
H04Q 1/02 (2006.01)
(87) WO2022/020227
(31) 63/054,332 (32) 21.07.20 (33) US
(43) 27.01.2022
(72) EPSTEIN, Joseph Alan
(74) Ellis Terry
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- (71) Omnifi Inc.
(11) AU-A-2021328553
(21) 2021328553 (22) 17.08.2021
(54) Wi-fi virtualization
(51) Int. Cl.
H04L 12/00 (2006.01)
H04L 12/28 (2006.01)
(87) WO2022/040171
(31) 63/067,189 (32) 18.08.20 (33) US
(43) 24.02.2022
(72) EPSTEIN, Joseph Alan
(74) Ellis Terry
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- (71) Omya International AG
(11) AU-A-2021346865
(21) 2021346865 (22) 24.09.2021
(54) A moisture-curing one-component poly-
mer composition comprising a natural
ground calcium carbonate (GCC)
(51) Int. Cl.
C01F 5/24 (2006.01)
C01F 11/00 (2006.01)
C09C 1/02 (2006.01)
(87) WO2022/064002
(31) 20198196.6 (32) 24.09.20 (33) EP
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- (43) 31.03.2022
(72) BATTISTI, Andrea; WISCHNEWSKI,
Nina; GANTENBEIN, Daniel; ORTEN,
Rolf Endre; DUFFY, John
(74) Spruson & Ferguson
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- (71) Onboard Data, Inc.
(11) AU-A-2021315811
(21) 2021315811 (22) 30.07.2021
(54) System and methods for determining
operational relationships in building
automation and control networks
(51) Int. Cl.
F24F 11/38 (2018.01)
F24F 11/32 (2018.01)
F24F 11/49 (2018.01)
F24F 11/70 (2018.01)
(87) WO2022/026925
(31) 63/058,715 (32) 30.07.20 (33) US
(43) 03.02.2022
(72) SIMMONS, Brian; VAZQUEZ-CANTELI,
Jose R.
(74) Spruson & Ferguson
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- (71) OncoSec Medical Incorporated
(11) AU-A-2021319075
(21) 2021319075 (22) 29.07.2021
(54) Combination therapy for treatment of
cancer
(51) Int. Cl.
A61N 1/18 (2006.01)
A61K 38/19 (2006.01)
A61P 35/00 (2006.01)
C12N 15/19 (2006.01)
(87) WO2022/026682
(31) 63/058,026 (32) 29.07.20 (33) US
(43) 03.02.2022
(72) TWITTY, Christopher G.
(74) ALLENS PATENT & TRADE MARK
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- (71) Orano Med
(11) AU-A-2021348219
(21) 2021348219 (22) 22.09.2021
(54) Conjugate or its salt comprising a gast-
rin-releasing peptide receptor antagon-
ist and uses thereof
(51) Int. Cl.
A61K 51/08 (2006.01)
A61P 35/00 (2006.01)
(87) WO2022/063850
(31) 20306109.8 (32) 28.09.20 (33) EP
(43) 31.03.2022
(72) TORQUE, Julien; STALLONS, Tania;
WONG, Amy; SAIDI, Amal
(74) Griffith Hack
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- (71) Ortet Limited
(11) AU-A-2021331678
(21) 2021331678 (22) 11.08.2021
(54) Process for the manufacture of an alco-
holic beverage
(51) Int. Cl.
C12G 3/06 (2006.01)
B65D 1/02 (2006.01)
B65D 81/38 (2006.01)
C12G 3/07 (2006.01)

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C12H 1/14 (2006.01)
C12H 1/22 (2006.01)
(87) WO2022/043656
(31) 2013347.6 **(32)** 26.08.20 **(33)** GB
(43) 03.03.2022
(72) BAKHATY, Alexander
(74) FPA Patent Attorneys Pty Ltd

(71) Ossability Limited
(11) AU-A-2021315403
(21) 2021315403 **(22)** 30.07.2021
(54) A veterinary surgical guide
(51) Int. Cl.
A61D 1/00 (2006.01)
A61B 17/15 (2006.01)
A61B 17/56 (2006.01)

(87) WO2022/025775
(31) 766751 **(32)** 31.07.20 **(33)** NZ
(43) 03.02.2022
(72) TREDINNICK, Seamus John; HIGGINS, Brent Michael
(74) PIP Intellectual Property Limited

(71) Oterra A/S
(11) AU-A-2021333108
(21) 2021333108 **(22)** 11.08.2021
(54) Color for plant based meat alternatives
(51) Int. Cl.
A23L 5/43 (2016.01)
A23L 33/105 (2016.01)
C09B 61/00 (2006.01)

(87) WO2022/043067
(31) 20193574.9 **(32)** 31.08.20 **(33)** EP
(43) 03.03.2022
(72) FRECKER, Susan; JEROMINSKI, Adina; KRASZEWSKI, AnnMarie
(74) Alder IP Pty Ltd

(71) Othair Prothena Limited
(11) AU-A-2021321206
(21) 2021321206 **(22)** 19.05.2021
(54) Tau vaccine for the treatment of alzheimer's disease
(51) Int. Cl.
A61P 25/28 (2006.01)
A61K 39/00 (2006.01)
A61P 37/04 (2006.01)

(87) WO2022/031342
(31) 63/062,971 **(32)** 07.08.20 **(33)** US
(43) 10.02.2022
(72) BARBOUR, Robin; KINNEY, Gene; ZAGO, Wagner; NIJJAR, Tarlochan, S.
(74) Spruson & Ferguson

(71) Othair Prothena Limited
(11) AU-A-2021321549
(21) 2021321549 **(22)** 06.08.2021
(54) Multiepitope vaccine for the treatment of alzheimer's disease
(51) Int. Cl.
A61K 39/00 (2006.01)

(87) WO2022/032166
(31) 63/062,919 **(32)** 07.08.20 **(33)** US

(43) 10.02.2022
(72) BARBOUR, Robin; KINNEY, Gene; ZAGO, Wagner
(74) Spruson & Ferguson

(71) Oxford University Innovation Limited; Auckland UniServices Limited
(11) AU-A-2020462037
(21) 2020462037 **(22)** 07.08.2020
(54) Ultrasound method
(51) Int. Cl.

A61B 8/06 (2006.01)
A61B 8/00 (2006.01)
A61B 8/08 (2006.01)
G06N 3/00 (2006.01)
G06N 3/02 (2006.01)
G06N 7/00 (2006.01)
G06T 7/00 (2017.01)
G06T 7/10 (2017.01)
G06T 7/50 (2017.01)
G06T 7/60 (2017.01)
G06T 15/00 (2011.01)

(87) WO2022/029397
(43) 10.02.2022
(72) COLLINS, Sally; YIN, Yi; CLARK, Alys; LOONEY, Padraig
(74) Michael Buck IP

(71) Palbiofarma, S.L.
(11) AU-A-2021327728
(21) 2021327728 **(22)** 20.08.2021
(54) (1R,3S)-3-((5-cyano-4-phenylthiazol-2-yl)carbamoyle)cyclopentane-1-carboxylic acid and derivatives thereof for use in the treatment of airway diseases
(51) Int. Cl.
A61K 31/426 (2006.01)
A61P 11/00 (2006.01)
A61P 11/06 (2006.01)

(87) WO2022/038261
(31) 20382764.7 **(32)** 21.08.20 **(33)** EP
(43) 24.02.2022
(72) CASTRO- PALOMINO LARIA, Julio; CAMACHO GÓMEZ, Juan; CASTRO-PALOMINO LARIA, Nahomi; ARIOSA ÁLVAREZ, Alina
(74) Collison & Co

(71) Patsalides, A.
(11) AU-A-2021322124
(21) 2021322124 **(22)** 03.08.2021
(54) Intracranial stent for insertion into the cerebral venous sinus system and methods of use
(51) Int. Cl.

A61F 2/86 (2013.01)
A61F 2/01 (2006.01)
A61F 2/06 (2013.01)
A61F 2/82 (2013.01)
A61F 2/89 (2013.01)
A61F 2/90 (2013.01)

(87) WO2022/031730
(31) 63/060,218 **(32)** 03.08.20 **(33)** US
(43) 10.02.2022
(72) PATSALIDES, Athos
(74) WRAYS PTY LTD

(71) Pearson Education, Inc.
(11) AU-A-2021324917
(21) 2021324917 **(22)** 13.08.2021
(54) Progress monitoring assistant
(51) Int. Cl.
G09B 7/00 (2006.01)
G09B 3/00 (2006.01)
(87) WO2022/036240
(31) 63/065,909 **(32)** 14.08.20 **(33)** US
 17/394,663 05.08.21 US
(43) 17.02.2022
(72) BREAUX, Kristina; WITHOLT, Thomas
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Pearson Education, Inc.
(11) AU-A-2021329831
(21) 2021329831 **(22)** 17.08.2021
(54) Secure content delivery computer system
(51) Int. Cl.
G06F 21/00 (2013.01)
(87) WO2022/040174
(31) 16/998,919 **(32)** 20.08.20 **(33)** US
(43) 24.02.2022
(72) NEALIS, Michael; HOESLEY, Corey; WILSON, Nick; PULEC, Vladan
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) PepsiCo, Inc.
(11) AU-A-2021326491
(21) 2021326491 **(22)** 11.08.2021
(54) Beverage dispense monitoring with camera
(51) Int. Cl.
B67D 1/00 (2006.01)
G07F 13/06 (2006.01)
(87) WO2022/035976
(31) 16/992,937 **(32)** 13.08.20 **(33)** US
(43) 17.02.2022
(72) KAROL, Samuel; ROMANO, Anthony; BÜCKING, Thore Mainart; KING, Timothy Charles; DOLPHIN, Joseph Albert; MILLINGTON, Roger Bradley
(74) ALLENS PATENT & TRADE MARK ATTORNEYS

(71) PepsiCo, Inc.
(11) AU-A-2021326719
(21) 2021326719 **(22)** 09.08.2021
(54) Product delivery mechanism for a vending machine
(51) Int. Cl.
G07F 11/58 (2006.01)
G07F 11/16 (2006.01)
(87) WO2022/039958
(31) 16/997,037 **(32)** 19.08.20 **(33)** US
(43) 24.02.2022
(72) STOENESCU, Eleonor Dorin
(74) ALLENS PATENT & TRADE MARK ATTORNEYS

(71) PepsiCo, Inc.
(11) AU-A-2021329071
(21) 2021329071 **(22)** 20.08.2021
(54) Improved product labeling review

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G06V 10/776 (2022.01)
G06V 30/28 (2022.01)
G06V 30/413 (2022.01)
G06V 30/414 (2022.01)
G06V 30/418 (2022.01)
(87) WO2022/038418
(31) 63/068,064 (32) 20.08.20 (33) US
(43) 24.02.2022
(72) HUI, Jingting
(74) James & Wells Intellectual Property
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- (71) Petrisca, D.
(11) AU-A-2021306432
(21) 2021306432 (22) 09.07.2021
(54) Solar powered water desalinator and method
(51) Int. Cl.
C02F 1/14 (2006.01)
B01D 1/30 (2006.01)
C02F 1/04 (2006.01)
(87) WO2022/006681
(31) 16/926,019 (32) 10.07.20 (33) US
(43) 13.01.2022
(72) PETRISCA, Darian
(74) Griffith Hack
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- (71) Pfizer Inc.; Astellas Pharma Inc.
(11) AU-A-2021325426
(21) 2021325426 (22) 10.08.2021
(54) Combination therapy
(51) Int. Cl.
A61K 31/506 (2006.01)
A61K 31/4164 (2006.01)
A61K 31/4166 (2006.01)
A61K 31/4439 (2006.01)
A61K 31/58 (2006.01)
A61K 38/00 (2006.01)
A61P 35/00 (2006.01)
A61P 35/04 (2006.01)
(87) WO2022/034504
(31) 63/065,160 (32) 13.08.20 (33) US
(43) 17.02.2022
(72) ANDERS, Lars; KIM, Kimberly Hyunjung; LI, Danan; MCMILLAN, Elizabeth Anne; ROLLINS, Robert Andrew; VEENEMAN, Brendan Ayers
(74) ALLENS PATENT & TRADE MARK ATTORNEYS
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- (71) PGS Geophysical AS
(11) AU-A-2021308661
(21) 2021308661 (22) 16.07.2021
(54) Long-offset acquisition with towed streamer spreads
(51) Int. Cl.
G01V 1/38 (2006.01)
(87) WO2022/016049
(31) 63/052,765 (32) 16.07.20 (33) US
(43) 20.01.2022
(72) CRAMER, John; PADDY, Neil; BEITZ, Manuel
(74) Davies Collison Cave Pty Ltd
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- (71) Philip Morris Products S.A.
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(51) Int. Cl.
A61M 15/00 (2006.01)
A24F 7/02 (2006.01)
A61M 15/06 (2006.01)
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(31) 20213324.5 (32) 11.12.20 (33) EP
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(72) DAYIOGLU, Onur
(74) James & Wells Intellectual Property
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(54) Method and system for predicting fruit quality
(51) Int. Cl.
G06Q 50/02 (2012.01)
A01G 7/00 (2006.01)
A01G 22/00 (2018.01)
A01G 25/16 (2006.01)
(87) WO2022/013865
(31) 63/050,808 (32) 12.07.20 (33) US
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(72) GUY, Omer; KIND, Oren; GARDI, Ido
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71) PI Industries Ltd.
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(21) 2021305962 (22) 05.07.2021
(54) A pesticidally active mixture comprising thietanyloxy compound, oxides or salts thereof
(51) Int. Cl.
A01N 43/56 (2006.01)
A01N 37/46 (2006.01)
A01N 43/22 (2006.01)
A01N 43/40 (2006.01)
A01N 43/54 (2006.01)
A01N 43/58 (2006.01)
A01N 43/707 (2006.01)
A01N 43/76 (2006.01)
A01N 43/80 (2006.01)
A01N 43/84 (2006.01)
A01N 43/90 (2006.01)
A01N 47/02 (2006.01)
A01N 47/06 (2006.01)
A01N 47/24 (2006.01)
A01N 47/34 (2006.01)
A01N 47/38 (2006.01)
A01N 51/00 (2006.01)
A01N 53/00 (2006.01)
A01N 63/23 (2020.01)
A01P 3/00 (2006.01)
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(21) 2021323437 (22) 16.08.2021
(54) Improvements in pipeline networks
(51) Int. Cl.
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F16K 3/02 (2006.01)
F16K 27/04 (2006.01)
F16K 37/00 (2006.01)
F16K 43/00 (2006.01)
F16L 55/10 (2006.01)
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(72) PATTERSON, Colin
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(21) 2021314320 (22) 23.07.2021
(54) Systems and methods of a transition and notification protocol
(51) Int. Cl.
H04M 3/00 (2006.01)
H04W 24/04 (2009.01)
(87) WO2022/020702
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C12N 15/86 (2006.01)
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(72) ABELIOVICH, Asa; SHYKIND, Benjamin
(74) FPA Patent Attorneys Pty Ltd
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(54) Systems and methods for auditing cash
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G06Q 40/00 (2012.01)
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(72) RAPSEY, Gary
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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(21) 2021328653 (22) 16.08.2021
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 (21) 2021320485 (22) 09.08.2021
 (54) Systems and methods for screening
 (51) Int. Cl.
B01D 29/35 (2006.01)
B01D 35/00 (2006.01)
B01D 35/22 (2006.01)
B01D 36/00 (2006.01)
B01D 36/04 (2006.01)
C02F 1/38 (2006.01)
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 (72) HAWKINS, Robert A.; HUNT, Edwin R.
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 (21) 2020468842 (22) 18.09.2020
 (54) Kit for collecting saliva samples
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A61B 10/00 (2006.01)
C12Q 1/6806 (2018.01)
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H04N 19/186 (2014.01)
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 (74) Madderns Pty Ltd

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 (54) Bee product extracts, methods of production and uses thereof
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A61K 35/644 (2015.01)
A61P 9/00 (2006.01)
A61P 25/00 (2006.01)
A61P 25/18 (2006.01)
A61P 25/28 (2006.01)
A61P 29/00 (2006.01)
A61P 31/00 (2006.01)
A61P 31/04 (2006.01)
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A61P 37/00 (2006.01)
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B01D 15/36 (2006.01)
B01J 47/014 (2017.01)
G01N 33/15 (2006.01)

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 (54) Energy from bacteria and seabed extraction
 (51) Int. Cl.
C02F 1/00 (2006.01)
C02F 3/34 (2006.01)
C12M 1/00 (2006.01)
C12M 1/107 (2006.01)
C12M 1/12 (2006.01)
C12M 3/00 (2006.01)
C12P 3/00 (2006.01)
H01M 8/04089 (2016.01)

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 (72) ROSENTHAL, Benjamin Jacob; ROGERS, Miles; SCOTT, Helen
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H01S 5/02212 (2021.01)
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 (54) Augmented bus impedance and thump control for electrical power systems

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H02P 9/00 (2006.01)
H02J 3/30 (2006.01)
H02J 15/00 (2006.01)
H02P 9/10 (2006.01)
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 (72) KUZNETSOV, Stephen B.
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 (54) Techniques for data-enabled drug discovery
 (51) Int. Cl.
G16C 20/40 (2019.01)
G16C 20/50 (2019.01)
G16C 20/70 (2019.01)

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 (74) FPA Patent Attorneys Pty Ltd

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 (54) Stabilized formulations containing anti-CTLA-4 antibodies
 (51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
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 (74) Griffith Hack

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 (21) 2021325994 (22) 11.08.2021
 (54) Systems and methods for drug delivery to ocular tissue
 (51) Int. Cl.
A61F 9/00 (2006.01)
A61M 5/46 (2006.01)
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 (74) PHILLIPS ORMONDE FITZPATRICK

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 (54) Characterization of adeno-associated virus using microchip capillary electrophoresis

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G01N 27/447 (2006.01)
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(43) 03.03.2022
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(11) AU-A-2021312183
(21) 2021312183 (22) 15.07.2021
(54) A plumbing connector and a method of moulding a collet
(51) Int. Cl.
F16L 33/22 (2006.01)
B29C 45/26 (2006.01)
B29C 45/33 (2006.01)
B29C 45/40 (2006.01)
B29C 45/44 (2006.01)
F16L 47/04 (2006.01)
B29L 23/00 (2006.01)
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(72) ANSELL, Glen
(74) Allens Patent & Trade Mark Attorneys
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(21) 2021312366 (22) 15.07.2021
(54) A plumbing connector
(51) Int. Cl.
F16L 33/22 (2006.01)
(87) WO2022/018413
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(74) Allens Patent & Trade Mark Attorneys
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(11) AU-A-2021312855
(21) 2021312855 (22) 20.07.2021
(54) Crystalline PPAR-delta agonist
(51) Int. Cl.
C07D 295/03 (2006.01)
A61K 31/5375 (2006.01)
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(74) FB Rice Pty Ltd
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(21) 2021339462 (22) 08.09.2021
(54) Humidification platform for use with a portable cpap device
(51) Int. Cl.
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(21) 2021331633 (22) 30.08.2021
(54) Systems and methods for pre-symptomatic disease detection
(51) Int. Cl.
A61M 16/00 (2006.01)
A61B 5/00 (2006.01)
A61B 5/085 (2006.01)
A61B 8/08 (2006.01)
A61M 11/02 (2006.01)
A61M 11/06 (2006.01)
A61M 16/06 (2006.01)
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(54) Supporting structure for supporting solar modules and ceiling elements
(51) Int. Cl.
H02S 20/00 (2014.01)
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(31) 10 2020 004 452.2 (32) 23.07.20 (33) DE
(43) 27.01.2022
(72) RICHTER, Michael
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(11) AU-A-2021345970
(21) 2021345970 (22) 24.08.2021
(54) Process for one-step conversion of lignocellulosic material to hydrocarbon products and catalyst for use in said process
(51) Int. Cl.
C10G 1/06 (2006.01)
B01J 23/883 (2006.01)
B01J 27/051 (2006.01)
C10G 1/08 (2006.01)
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(21) 2021325037 (22) 11.08.2021
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A41B 11/00 (2006.01)
A41B 11/12 (2006.01)
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(21) 2021335790 (22) 25.08.2021
(54) Feed supplement and extract
(51) Int. Cl.
A23K 30/12 (2016.01)
A23K 10/30 (2016.01)
A23K 50/15 (2016.01)
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(31) 767693 (32) 04.09.20 (33) NZ
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(74) Infinity Intellectual Property Limited
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(21) 2021337213 (22) 25.08.2021
(54) Microorganism and uses thereof
(51) Int. Cl.
C12R 1/245 (2006.01)
A23K 10/18 (2016.01)
A23K 50/10 (2016.01)
C12N 1/20 (2006.01)
C12R 1/225 (2006.01)
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(31) 767691 (32) 04.09.20 (33) NZ
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(72) ROBINSON, Simon
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(11) AU-A-2021318878
(21) 2021318878 (22) 22.07.2021
(54) Thermal energy storage system with nucleation cooling
(51) Int. Cl.
F24F 5/00 (2006.01)
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(74) Davies Collison Cave Pty Ltd
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- (71) Rohto Pharmaceutical Co., Ltd.
(11) AU-A-2021318236
(21) 2021318236 (22) 30.07.2021
(54) Aqueous composition
(51) Int. Cl.
A61K 31/519 (2006.01)
A61K 9/08 (2006.01)
A61K 47/04 (2006.01)
A61K 47/12 (2006.01)
A61P 27/02 (2006.01)
(87) WO2022/025279
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(21) 2021318237 (22) 30.07.2021
(54) Aqueous composition
(51) Int. Cl.
A61K 31/519 (2006.01)
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A61K 47/22 (2006.01)
A61P 27/02 (2006.01)
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(54) Facial recognition tokenization
(51) Int. Cl.
G06F 21/60 (2013.01)
G06F 21/32 (2013.01)
H04L 9/32 (2006.01)
G06Q 20/40 (2012.01)
G07F 19/00 (2006.01)
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(54) Method and systems for respiratory sound classification
(51) Int. Cl.
G10L 25/66 (2013.01)
A61B 5/08 (2006.01)
G10L 25/30 (2013.01)
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(54) Device and method for measuring a liquid level in an apparatus
(51) Int. Cl.
G01F 23/284 (2006.01)
G01S 13/88 (2006.01)
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(72) AVAGLIANO, Ugo
(74) FB Rice Pty Ltd
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(54) An ostomy appliance
(51) Int. Cl.
A61F 5/441 (2006.01)
A61F 5/445 (2006.01)
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(31) 2013883.0 (32) 03.09.20 (33) GB
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(72) ALFARO, Jesus; HOWARD, Lee
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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(54) Methods of treating sensitized patients with hypoinmunogenic cells, and associated methods and compositions
(51) Int. Cl.
C12N 5/074 (2010.01)
A61K 31/351 (2006.01)
C12N 5/071 (2010.01)
C12N 5/077 (2010.01)
(87) WO2022/036150
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(72) SCHREPFER, Sonja; HARR, Steve; MURRY, Charles E.
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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(54) An antenna assembly
(51) Int. Cl.
G06K 7/10 (2006.01)
G06K 17/00 (2006.01)
(87) WO2022/029608
(31) 2020902729 (32) 04.08.20 (33) AU
(43) 10.02.2022
(72) MURDOCH, Graham; NAGENDRA, Ganesh
(74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD
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- (71) Sato Holdings Kabushiki Kaisha
(11) AU-A-2021322788
(21) 2021322788 (22) 03.08.2021
(54) A storage system
(51) Int. Cl.
G06K 7/10 (2006.01)
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(87) WO2022/029609
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(72) MURDOCH, Graham; REZK, George
(74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD
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(54) A fall arrest roof mount anchor
(51) Int. Cl.
E04G 21/32 (2006.01)
A62B 35/00 (2006.01)
(31) 2021902563 (32) 17.08.21 (33) AU
(43) 09.03.2023
(72) VOSS, Murray; VOSS, Barry
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(54) An extendable needle davit assembly
(51) Int. Cl.
B66C 23/20 (2006.01)
B66C 23/26 (2006.01)
B66C 23/70 (2006.01)
E04G 21/32 (2006.01)
(31) 2021902622 (32) 20.08.21 (33) AU
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(11) AU-A-2021314952
(21) 2021314952 (22) 28.07.2021
(54) Method for assembling optical modules of a luminaire and optical assembly
(51) Int. Cl.
F21V 5/00 (2018.01)
B29C 65/60 (2006.01)
B29D 11/00 (2006.01)
F21V 17/10 (2006.01)
G02B 19/00 (2006.01)
F21W 131/10 (2006.01)
F21W 131/101 (2006.01)
F21W 131/103 (2006.01)
F21W 131/105 (2006.01)
F21Y 105/16 (2016.01)
F21Y 115/10 (2016.01)
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(21) 2021322869 (22) 03.08.2021
(54) Receptacle assembly with gasket
(51) Int. Cl.
H01R 33/76 (2006.01)
F16J 15/06 (2006.01)
F21V 23/04 (2006.01)
F21V 23/06 (2006.01)
F21V 31/00 (2006.01)
H01R 13/52 (2006.01)
F21W 131/103 (2006.01)

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 (54) Luminaire designs selection method
 (51) Int. Cl.
 H05B 47/00 (2020.01)
 G06F 30/00 (2020.01)
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 (31) 2026431 (32) 08.09.20 (33) NL
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 LANG, Vincent; CAPRARA, Roxane;
 KERFF, Benoît
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 (54) Methods for maintaining microvascular
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 (51) Int. Cl.
 A61K 31/352 (2006.01)
 A61K 36/185 (2006.01)
 A61P 9/00 (2006.01)
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 (21) 2021318087 (22) 24.06.2021
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 mask or goggles
 (51) Int. Cl.
 G02C 7/02 (2006.01)
 B63C 11/12 (2006.01)
 G02C 7/08 (2006.01)
 G02C 9/00 (2006.01)
 A63B 33/00 (2006.01)
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 istant and anti-fatigue properties
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 C08L 7/00 (2006.01)
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 (21) 2021323359 (22) 24.03.2021
 (54) Integrated device for opening and clos-
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 lids
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 B65D 17/28 (2006.01)
 B65D 17/34 (2006.01)
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 (31) P 2020 00 121 (32) 07.08.20 (33) ES
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 (74) Baxter Patent Attorneys Pty Ltd
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 ment system for freshwater fish using
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 C02F 1/44 (2006.01)
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 via surface-enhanced raman spectro-
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 al current sensor
 (51) Int. Cl.
 G02B 6/24 (2006.01)
 G01R 15/24 (2006.01)
 G01R 33/032 (2006.01)
 G02B 6/024 (2006.01)
 G02B 6/255 (2006.01)
 G02B 6/26 (2006.01)
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 (54) Systems and methods to assess and
 repair data using data quality indicators
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 G05B 15/02 (2006.01)
 G06F 16/215 (2019.01)
 H04L 12/28 (2006.01)
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 (54) Mini-spect as dosimeter
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 G01T 1/02 (2006.01)
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 (54) Stable pharmaceutical composition
 (51) Int. Cl.
 A61K 31/4152 (2006.01)
 A61K 31/045 (2006.01)
 A61K 47/02 (2006.01)
 A61P 9/10 (2006.01)
 A61P 21/00 (2006.01)
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 (11) AU-A-2021321092
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 (54) Solid oral composition comprising carbamate compound, and preparation method therefor
 (51) Int. Cl.
 A61K 9/00 (2006.01)
 A61K 9/20 (2006.01)
 A61K 31/41 (2006.01)
 A61P 25/00 (2006.01)
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 (54) Compound bottles
 (51) Int. Cl.
 A45F 3/16 (2006.01)
 B65D 21/04 (2006.01)
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 (72) SMITH, Kenton Oliver
 (74) Patentec Patent Attorneys
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 B65D 85/804 (2006.01)
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 B65D 85/00 (2006.01)
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 A61K 31/4415 (2006.01)
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 A61P 21/00 (2006.01)
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 (11) AU-A-2021354049
 (21) 2021354049 (22) 30.09.2021
 (54) Sump pump system and methods for removing synthetic ester-based fluids from an emulsion
 (51) Int. Cl.
 B01D 17/04 (2006.01)
 B01D 35/02 (2006.01)
 F04B 23/02 (2006.01)
 F04D 13/06 (2006.01)
 F04D 13/16 (2006.01)
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 (11) AU-A-2021331367
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 (54) Systems and methods for the application and sealing of end closures on containers
 (51) Int. Cl.
 B31B 50/00 (2017.01)
 B65B 31/04 (2006.01)
 B31B 105/00 (2017.01)
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 (72) HATJE, Dirk; GROSS, Danny
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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 (54) Systems and methods for the application and sealing of end closures on containers
 (51) Int. Cl.
 B29C 65/18 (2006.01)
 B29C 53/38 (2006.01)
 B29C 53/42 (2006.01)
 B31B 50/00 (2017.01)
 B31B 50/44 (2017.01)
 B31B 50/64 (2017.01)
 B65B 7/16 (2006.01)
 B65B 7/28 (2006.01)
 B65D 3/04 (2006.01)
 B65D 3/12 (2006.01)
 B31B 50/60 (2017.01)
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 (21) 2021332356 (22) 27.08.2021
 (54) Container assemblies with paper-based end closures
 (51) Int. Cl.
 B65D 3/04 (2006.01)
 B65D 3/12 (2006.01)
 B65D 3/22 (2006.01)
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 (11) AU-A-2021314892
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 (54) Methods for identifying chromosomal spatial instability such as homologous repair deficiency in low coverage next-generation sequencing data
 (51) Int. Cl.
 G16B 20/00 (2019.01)
 G16B 30/00 (2019.01)
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 (21) 2021307007 (22) 02.07.2021
 (54) Peer-to-peer transfer of a stored value
 (51) Int. Cl.
 G06Q 20/06 (2012.01)
 G06Q 20/10 (2012.01)
 G06Q 20/14 (2012.01)
 G06Q 20/38 (2012.01)

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 (21) 2021308073 (22) 16.07.2021
 (54) Systems and methods for performing payment transactions
 (51) Int. Cl.
 A44C 9/00 (2006.01)
 G06K 19/077 (2006.01)
 G06Q 20/32 (2012.01)
 G06Q 20/34 (2012.01)
 G07F 7/08 (2006.01)
 H01Q 1/22 (2006.01)
 H01Q 1/27 (2006.01)
 H04B 1/3827 (2015.01)
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 (54) A lipid
 (51) Int. Cl.
 C07C 229/10 (2006.01)
 A61K 9/127 (2006.01)
 A61K 39/00 (2006.01)
 C07C 219/16 (2006.01)
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 (54) Method for recovering valuable metal
 (51) Int. Cl.
 B09B 3/00 (2022.01)
 C22B 7/00 (2006.01)
 C22B 9/20 (2006.01)
 C22B 15/00 (2006.01)
 C22B 23/02 (2006.01)
 F27D 11/04 (2006.01)
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 H01M 10/54 (2006.01)
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 (11) AU-A-2021309920
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 (54) Sunscreen dosing device and sunscreen bottle
 (51) Int. Cl.
 A45D 34/00 (2006.01)
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 (11) AU-A-2021335170
 (21) 2021335170 (22) 22.08.2021
 (54) Food components having high protein content
 (51) Int. Cl.
 A23L 33/135 (2016.01)
 A23C 19/055 (2006.01)
 A23C 20/00 (2006.01)
 A23C 20/02 (2021.01)
 A23L 2/38 (2021.01)
 A23L 25/00 (2016.01)
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 (54) Process of separation and production of hydrogen generated in situ of oil and gas fields by heterogeneous catalysis conversion, aquathermolysis or oxidation reactions
 (51) Int. Cl.
 E21B 43/34 (2006.01)
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 (21) 2021328980 (22) 19.08.2021
 (54) Lipid compounds and lipid nanoparticle compositions
 (51) Int. Cl.
 C07D 211/34 (2006.01)
 A61K 9/00 (2006.01)
 A61K 31/4409 (2006.01)
 A61K 31/4433 (2006.01)
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 C07D 401/06 (2006.01)
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 (72) YING, Bo
 (74) Churchill Attorneys
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 (21) 2021323150 (22) 09.07.2021
 (54) Detonation control system and detonation method for fire extinguisher ball
 (51) Int. Cl.
 F42B 3/10 (2006.01)
 F42C 19/12 (2006.01)
 A62C 19/00 (2006.01)
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 (54) Process and system to enhance and sustain electrolyser performance of carbon-dioxide electrolysers
 (51) Int. Cl.
 C25B 1/23 (2021.01)
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C07C 49/753 (2006.01)
A61K 31/075 (2006.01)
A61K 31/122 (2006.01)
A61K 31/13 (2006.01)
A61K 31/16 (2006.01)
A61K 31/27 (2006.01)
A61K 31/275 (2006.01)
A61P 13/10 (2006.01)
A61P 21/00 (2006.01)
A61P 25/00 (2006.01)
A61P 25/02 (2006.01)
A61P 25/04 (2006.01)
A61P 25/28 (2006.01)
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A61G 7/012 (2006.01)
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A61G 7/057 (2006.01)
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G06Q 30/06 (2012.01)
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B65D 85/804 (2006.01)
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H02J 3/32 (2006.01)
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(51) Int. Cl.

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F04B 39/00 (2006.01)
F25B 1/04 (2006.01)
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G06V 40/20 (2022.01)
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C07K 1/13 (2006.01)
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A61K 45/00 (2006.01)
A61K 45/06 (2006.01)
A61P 1/16 (2006.01)
A61P 31/12 (2006.01)
A61P 31/14 (2006.01)
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A61P 31/14 (2006.01)
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 complexes to enhance T cell activation
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C07K 14/705 (2006.01)
C07K 16/28 (2006.01)
C12N 5/0783 (2010.01)
C12N 9/24 (2006.01)
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 onset neurodegeneration
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A61K 48/00 (2006.01)
A61K 38/18 (2006.01)
A61P 25/28 (2006.01)
C07K 14/475 (2006.01)
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C07K 14/725 (2006.01)
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C08B 11/15 (2006.01)
A61K 9/06 (2006.01)
A61K 9/48 (2006.01)
A61K 45/00 (2006.01)
A61K 47/61 (2017.01)
C08B 37/02 (2006.01)
C08B 37/04 (2006.01)
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A61K 31/573 (2006.01)
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C07K 16/28 (2006.01)
A61K 47/68 (2017.01)
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A62C 37/40 (2006.01)
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G01C 21/34 (2006.01)
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A61K 31/444 (2006.01)
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F16K 5/06 (2006.01)
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F03D 3/04 (2006.01)
F03D 3/00 (2006.01)
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C02F 3/08 (2006.01)
B01J 19/30 (2006.01)
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C07K 14/59 (2006.01)
C07K 16/34 (2006.01)
G01N 33/543 (2006.01)
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E02F 3/34 (2006.01)
A01D 34/00 (2006.01)
B62D 51/02 (2006.01)
B66F 9/075 (2006.01)
E02F 9/16 (2006.01)
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H04L 65/80 (2022.01)
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(51) Int. Cl.
C07K 14/605 (2006.01)
A61K 38/26 (2006.01)
A61P 3/04 (2006.01)
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A61P 9/00 (2006.01)
A61K 31/4439 (2006.01)
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B01D 46/00 (2022.01)
B01D 53/96 (2006.01)
B01J 23/22 (2006.01)
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 F03D 17/00 (2016.01)
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 G01M 5/00 (2006.01)
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 B65D 71/42 (2006.01)
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 H01P 7/08 (2006.01)
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 G06F 11/00 (2006.01)
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 B60L 53/00 (2019.01)
 E04H 6/22 (2006.01)
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C12N 15/86 (2006.01)
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G16H 20/17 (2018.01)
A61M 5/14 (2006.01)
A61M 5/145 (2006.01)
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A61K 9/36 (2006.01)
A61K 9/22 (2006.01)
A61K 31/365 (2006.01)
A61K 31/4985 (2006.01)
A61K 47/02 (2006.01)
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A61K 39/12 (2006.01)
A61K 38/00 (2006.01)
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(54) Mini automatic transfer switch
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H02J 9/06 (2006.01)
H01H 9/54 (2006.01)
H01H 50/02 (2006.01)
H03H 7/06 (2006.01)
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(54) Systems and methods for random access channel resource determination
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H04W 72/04 (2009.01)
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(54) Proxy method, device, and computer-readable storage medium
(51) Int. Cl.
G06F 21/62 (2013.01)
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G06Q 20/38 (2012.01)
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(74) Patenteur Pty Ltd

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A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
A61P 37/02 (2006.01)
C07K 14/705 (2006.01)
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C07K 16/00 (2006.01)
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2020458213	Szegedi Tudományegyetem; eChemicles Zrt.	2021307585	Lenovo (Singapore) Pte. Ltd.
2020458979	Lusospace, Projectos Engenharia LDA	2021308072	InterVene, Inc.; Wilson, F.
2020459888	Huawei Technologies Co., Ltd.	2021308073	Square, Inc.
2020459961	Kimberly-Clark Worldwide, Inc.	2021308095	Gen-Probe Incorporated
2020461676	ZTE Corporation	2021308344	Chong Kun Dang Pharmaceutical Corp.
2020461921	Sekisui House, Ltd.	2021308574	Janssen Biotech, Inc.
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2020462129	Sekisui House, Ltd.	2021308661	PGS Geophysical AS
2020462141	ZTE Corporation	2021308681	Acuitas Therapeutics, Inc.
2020462252	KONE Corporation	2021308716	Uber Technologies, Inc.
2020462915	Hitachi, Ltd.	2021308791	Phytech Ltd.
2020464186	ViaSat, Inc.	2021308848	Nomad Bioscience GmbH
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2020464936	Dematic GmbH	2021309106	The Regents of the University of California
2020467230	Impossible Foods Inc.	2021309113	AdvanSix Resins & Chemicals LLC
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2020467836	Siemens Medical Solutions USA, Inc.	2021309122	Coulson Aviation (USA) Inc
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2020471610	Electrolux Home Products. Inc.	2021309129	IG6 Pty Ltd
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2021303475	Borealis AG	2021310467	Instil Bio (UK) Limited
2021303490	Janssen Pharmaceutica NV	2021310482	J.W. Speaker Corporation
2021303629	Crystal Pharmaceutical (Suzhou) Co., Ltd.	2021310499	Dana-Farber Cancer Institute, Inc.; Genus Oncology, LLC.
2021303704	Evonik Operations GmbH	2021310536	Saipem S.p.A.
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2021305444	LPW Technology Ltd	2021312269	CareFusion 303, Inc.
2021305621	Dubose, R.	2021312366	Reliance Worldwide Corporation (UK) Limited
2021305962	PI Industries Ltd.	2021312369	J.MAC Safety Systems Limited
2021306189	Medtronic, Inc.	2021312537	Daiichi Sankyo Company, Limited
2021306432	Petrisca, D.	2021312554	Zymeworks BC Inc.
2021306644	Janssen Pharmaceutica NV	2021312774	Carapella, D.; Menon, S.
2021306733	Biodental Remin Ltd	2021312855	Reneo Pharmaceuticals, Inc.
2021307007	Square, Inc.	2021312896	Kimberly-Clark Worldwide, Inc.
2021307092	MIMEO medical GmbH	2021312899	H.J. Heinz Company Brands LLC
2021307257	Daiichi Sankyo Company, Limited	2021312946	The Regents of the University of California
2021307313	Surgucheva, L.; Surgucheva, A.	2021313056	Becton, Dickinson and Company
2021307402	GOLDEN GATE ZERO EMISSION MARINE, INC.		
2021307413	Coulter Ventures, LLC		
2021307447	University of Rochester		

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2021313124	Beijing Tide Pharmaceutical Co., Ltd.	2021320419	Amicus Therapeutics, Inc.
2021313127	Omnifi Inc.	2021320420	iPass Technologies
2021313148	CHEMBEAU LLC	2021320424	InterDigital Patent Holdings, Inc.
2021313348	AstraZeneca UK Limited	2021320485	Process Wastewater Technologies, LLC
2021313613	Gamma Logistics Pty Ltd	2021320493	Lineage Logistics, LLC
2021313620	Royal Bank of Canada	2021320495	Case Western Reserve University
2021313774	BD SWITZERLAND SÄRL	2021320503	Baker Hughes Oilfield Operations LLC
2021314065	FERO INTERNATIONAL IP INC.	2021320556	Neogene Therapeutics B.V.
2021314066	Triple Green Products Inc.	2021320649	Capital One Services, LLC
2021314116	Xiamen Amoytop Biotech Co., Ltd.; BIOSTEED GENE TRANSFORMATION TECH. CO., LTD.	2021320653	WestRock Packaging Systems, LLC
2021314320	Preordain LLC	2021320774	TLC Biopharmaceuticals, Inc.; Taiwan Liposome Company, Ltd.
2021314336	Aadigen, LLC	2021320867	Wi-Tronix, LLC
2021314401	Jiangsu Hengrui Pharmaceuticals Co., Ltd.; Shanghai Hengrui Pharmaceutical Co., Ltd.	2021320873	The Regents of the University of California
2021314451	Hydac Filtertechnik GmbH	2021320960	Kikkoman Corporation
2021314571	Norris, J.; McDonald, R.	2021320985	ExxonMobil Research and Engineering Company
2021314627	DIG Labs Corporation	2021321092	SK Biopharmaceuticals Co., Ltd.
2021314892	Sophia Genetics S.A.	2021321197	Higgins Research & Development, LLC
2021314952	Schreder S.A.	2021321206	Othair Prothena Limited
2021314989	ANUE AS	2021321270	FNV IP B.V.
2021315210	Chugai Seiyaku Kabushiki Kaisha; F. Hoffmann - La Roche AG	2021321470	Biofarma S.r.L.
2021315328	OCP SA; UNIVERSITE MOHAMED VI POLYTECHNIQUE	2021321476	Sato Holdings Kabushiki Kaisha
2021315403	Ossability Limited	2021321510	Yissum Research Development Company of the Hebrew University of Jerusalem Ltd.; Hadasit Medical Research Services & Development Limited
2021315599	CTKING, LLC	2021321530	Czero Inc.
2021315800	Global Bamboo Technologies, Inc.	2021321536	ABM Therapeutics Corporation
2021315811	Onboard Data, Inc.	2021321549	Othair Prothena Limited
2021315813	Gelbfish, G.A.	2021321561	BDR LIFESCIENCES PRIVATE LIMITED
2021315980	Distributed Creation Inc.	2021321597	Alpheus Medical, Inc.
2021316010	Centurylink Intellectual Property LLC	2021321598	Kount Inc.
2021316022	Board of Regents, The University of Texas System	2021321705	Taiho Pharmaceutical Co., Ltd.
2021316071	Coöperatie Koninklijke Avebe U.A.	2021321901	Kira Pharmaceuticals (Suzhou) Ltd.
2021316179	Battelle Memorial Institute	2021321909	Huawei Technologies Co., Ltd.
2021316397	Caterpillar Sarl	2021321998	Lindsay Corporation
2021316539	Thaller, T.; Thaller, J.; Thaller, G.; Weis, M.; Nerlich, L.; Thaller-Honold, S.	2021322052	Italfarmaco S.p.A.
2021316655	Becton Dickinson France; Becton, Dickinson and Company	2021322102	Eli Lilly and Company
2021317378	TuoJie Biotech (Shanghai) Co., Ltd.	2021322113	Prevail Therapeutics, Inc.
2021317741	ASAP BreatheAssist Pty Ltd	2021322124	Patsalides, A.
2021318087	SEEDEEP B.V.	2021322128	Vermeer Manufacturing Company
2021318167	Battelle Memorial Institute	2021322192	Antonucci, D.
2021318170	The Jackson Laboratory	2021322264	Incyte Corporation
2021318228	Daikin Industries, Ltd.	2021322453	Go!Foton, Inc.
2021318236	Rohto Pharmaceutical Co., Ltd.	2021322591	Cisco Technology, Inc.
2021318237	Rohto Pharmaceutical Co., Ltd.	2021322743	Telefonaktiebolaget LM Ericsson (Publ)
2021318431	Ellis, G.	2021322779	Smith, K.
2021318485	Kount Inc.	2021322788	Sato Holdings Kabushiki Kaisha
2021318598	Haubner, A.	2021322831	Macfarlane Burnet Institute for Medical Research and Public Health Limited
2021318600	ASAP BreatheAssist Pty Ltd	2021322848	Intellijoint Surgical Inc.
2021318673	Tesnology Inc.	2021322869	Schreder S.A.
2021318866	Block, Inc.	2021322891	F. Hoffmann-La Roche AG; Dicerna Pharmaceuticals, Inc.
2021318878	Rocky Research	2021322987	Scisparc Ltd.
2021318923	Jazz Pharmaceuticals Ireland Limited	2021323150	Suzhou Road Lianke Technology Co., Ltd
2021318969	Blue Buffalo Enterprises, Inc.	2021323155	China Mobile Communication Co., Ltd Research Institute; China Mobile Communications Group Co., Ltd.
2021319075	OncoSec Medical Incorporated	2021323178	Beijing Solobio Genetechnology Co., Ltd.
2021319316	De' Longhi Appliances S.r.l. Con Unico Socio	2021323325	Creo Medical Limited
2021319373	Nanostratus Pty Ltd	2021323359	Serra Caselles, G.
2021319464	H2PRO LTD	2021323426	Bodrozic, V.
2021319485	China Mobile Communication Co., Ltd Research Institute; China Mobile Communications Group Co., Ltd.	2021323429	British Polythene Limited
2021319594	China Mobile Communication Co., Ltd Research Institute; China Mobile Communications Group Co., Ltd.	2021323437	PIPE TRANSFORMATIONS LTD
2021319660	Huawei Technologies Co., Ltd.	2021323444	Tgoma NZ Limited
2021320000	Acergy France SAS	2021323515	Viva Star Biosciences Limited
2021320042	BV Beltrum	2021323754	Academy of Military Medical Sciences
2021320164	WestRock Packaging Systems, LLC	2021323853	Zhejiang Hisun Animal Health Products Co., Ltd.
2021320315	Hyannis Port Research, Inc.	2021323907	NicoNovum AB
2021320392	The Johns Hopkins University	2021323912	Carl Freudenberg KG
2021320402	Briotech, Inc.	2021323970	Inventio AG
		2021324064	Bayer Aktiengesellschaft
		2021324263	Modus One GmbH

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2021324409	Lightcast Discovery Ltd	2021328260	Humanwell Pharmaceutical US
2021324472	ENI S.p.A.	2021328314	Nicoventures Trading Limited
2021324519	Heineken Supply Chain B.V.	2021328456	BPG Sales and Technology Investments, LLC
2021324521	General Identity Protocol Limited	2021328510	WATTS REGULATOR CO.
2021324538	Yissum Research Development Company of the Hebrew University of Jerusalem Ltd.	2021328553	Omnifi Inc.
2021324580	Cargill, Incorporated	2021328570	Massachusetts Institute of Technology
2021324581	Cargill, Incorporated	2021328653	Prime Vector Technologies GmbH
2021324615	Integral Molecular, Inc.	2021328684	AGC Glass Europe
2021324639	Gunther, S.; Coleman, R.	2021328760	King Abdullah University of Science and Technology
2021324650	Brown, C.	2021328844	Milwaukee Electric Tool Corporation
2021324708	The University of Tokyo; Mochida Pharmaceutical Co., Ltd.	2021328980	Suzhou Abogen Biosciences Co., Ltd.
		2021328998	Qingdao Haier Special Refrigeration Electric Appliance Co., Ltd.; Haier Smart Home Co., Ltd.
2021324828	ExxonMobil Research and Engineering Company	2021329034	UCB Biopharma SRL
2021324878	Cargill, Incorporated	2021329071	PepsiCo, Inc.
2021324879	Cargill, Incorporated	2021329204	LifeClean International AB
2021324887	Ferrara Candy Company	2021329231	SIEMENS INDUSTRY, INC.
2021324917	Pearson Education, Inc.	2021329282	Dana-Farber Cancer Institute, Inc.; The General Hospital Corporation; President and Fellows of Harvard College
2021324940	Capital One Services, LLC		
2021324951	Capital One Services, LLC	2021329306	LandScan, LLC; Rooney, D.; Farrington, S.; Dlott, J.; Wallace, W.
2021324958	Velocity Wind Turbines LLC		
2021325015	Capital One Services, LLC	2021329339	Metrea Biosciences, Inc.
2021325037	ROAR Athletic Performance Corp.	2021329343	Epitracker, Inc.
2021325041	Zonit Structured Solutions, LLC	2021329374	Amgen Inc.
2021325092	Ariens Company	2021329507	The Board of Trustees of the Leland Stanford Junior University
2021325165	VEREVAS, INC.	2021329765	Simcere Pharmaceutical Co., Ltd.; Jiangsu Simcere Pharmaceutical Co., Ltd.
2021325175	Baker Hughes Oilfield Operations LLC		
2021325311	CHT Germany GMBH	2021329777	Hutchison Medipharma Limited
2021325403	Everseen Limited	2021329797	Croda International PLC; Croda, Inc.
2021325422	Lenovo (Singapore) Pte. Ltd.	2021329805	Merck Sharp & Dohme LLC
2021325426	Pfizer Inc.; Astellas Pharma Inc.	2021329812	Encodia, Inc.
2021325428	UPL Limited	2021329818	Recursion Pharmaceuticals, Inc.
2021325577	Food Mechanique Australia Pty Limited	2021329820	Oakwood Laboratories, LLC
2021325604	QUANTUM TECHNOLOGIES LIMITED	2021329831	Pearson Education, Inc.
2021325645	Cargill, Incorporated	2021329877	EARGEAR, LLC
2021325648	Zoetis Services LLC.	2021329888	Baxter International Inc.; Baxter Healthcare SA
2021325660	Board of Trustees of Michigan State University	2021329899	Mayo Foundation for Medical Education and Research; Exact Sciences Corporation
2021325729	Ocado Innovation Limited		
2021325735	NextCell Pharma AB	2021329909	Epitracker, Inc.
2021325830	Cargill, Incorporated	2021330002	Litus Inc.
2021325836	Cisco Technology, Inc.	2021330377	Echion Technologies Limited
2021325856	Auriga Polymers, Inc.	2021330699	Eavor Technologies Inc.
2021325890	Lineage Cell Therapeutics, Inc.; Alon, L.; Skaliter, R.; Tikotzko, R.; Hayoun Neeman, D.; Wisner, O.	2021331048	Genesys Telecommunications Laboratories, Inc.
		2021331139	KPMG AZSA LLC
2021325941	Sana Biotechnology, Inc.	2021331182	NuVasive, Inc.
2021325994	Regeneron Pharmaceuticals, Inc.	2021331296	Asahi Group Holdings, Ltd.
2021326035	MIGAL Galilee Research Institute Ltd.	2021331352	Genentech, Inc.
2021326048	Tani, P.; Siclari, M.; Renzi, G.; Carucci, A.	2021331367	Sonoco Development, Inc.
2021326057	Lenovo (Singapore) Pte. Ltd.	2021331369	Sonoco Development, Inc.
2021326287	Fundació Eurecat	2021331483	H2U TECHNOLOGIES, INC.
2021326373	DeepOcean AS	2021331493	Codexis, Inc.; Societe Des Produits Nestle S.A.
2021326397	LTAG Systems LLC	2021331495	Regeneron Pharmaceuticals, Inc.
2021326415	Cargill, Incorporated	2021331633	ResMed Sensor Technologies Limited
2021326416	Cargill, Incorporated	2021331678	Ortet Limited
2021326420	Combined Therapeutics, Inc.	2021331687	Echion Technologies Limited
2021326431	HGCI, Inc.	2021331833	Lumus Ltd.
2021326491	PepsiCo, Inc.	2021332140	Lone Gull Holdings, Ltd.
2021326521	Amgen Inc.	2021332209	Alteryx, Inc.
2021326545	Board of Regents, The University of Texas System	2021332331	The Trustees of the University of Pennsylvania
2021326650	Komatsu Forest AB	2021332356	Sonoco Development, Inc.
2021326702	Boveta Nutrition LLC	2021332812	China Petroleum & Chemical Corporation; Beijing Research Institute of Chemical Industry, China Petroleum & Chemical Corporation
2021326719	PepsiCo, Inc.		
2021327034	Western Sydney University; Cotton Research and Development Corporation	2021333108	Oterra A/S
		2021333162	Siemens Energy Global GmbH & Co. KG
2021327063	Tchibo GmbH	2021333164	Dematic GmbH
2021327306	Aury Australia Pty Ltd	2021333471	Guevara, B.
2021327372	Luna Innovations Incorporated	2021333763	Genesys Telecommunications Laboratories, Inc.
2021327728	Palobiofarma, S.L.	2021333871	Dematic Corp.
2021327830	Lyte Ventures Pte. Ltd.	2021334092	Neuro Device Group S.A.
2021327946	Block, Inc.		
2021328139	Milwaukee Electric Tool Corporation		
2021328255	WATTS REGULATOR CO.		

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2021334171	Veolia Water Solutions & Technologies Support	2021349099	Abiomed Europe GmbH
2021334371	Codexis, Inc.; Societe Des Produits Nestle S.A.	2021349286	Nant Holdings IP, LLC; Nantcell Inc.
2021334847	Marel Meat B.V.	2021349869	JAMF Software, LLC
2021334848	Dematic GmbH	2021349971	Andritz AG
2021334992	Construction Research & Technology GmbH	2021350075	F. Hoffmann-La Roche AG
2021335032	Ascendis Pharma Oncology Division A/S	2021350342	MorphoSys AG
2021335102	Echion Technologies Limited	2021350409	Weidmüller Interface GmbH & Co. KG
2021335142	Colgate-Palmolive Company	2021350571	Alcon Inc.
2021335170	SUPERBREWED FOOD, INC.	2021351186	Helm AG; University of Exeter
2021335193	Iota Biosciences, Inc.	2021351470	Apergy Artificial Lift Pty Ltd
2021335226	Georgia Tech Research Corporation	2021353861	Graphic Packaging International, LLC
2021335257	Merck Patent GmbH	2021354049	Solidification Products International, Inc.
2021335275	Ocado Innovation Limited	2021356078	Société des Produits Nestlé S.A.
2021335341	The Procter & Gamble Company	2021357054	Johnson Matthey Process Technologies, Inc
2021335509	F. Hoffmann-La Roche AG	2021357058	Qualcomm Incorporated
2021335596	Curium US LLC	2021357619	Komatsu Ltd.
2021335599	MonoSol, LLC	2021357702	Raytheon Company
2021335639	Curebiotech GmbH	2021357829	The Chemours Company FC, LLC
2021335790	Robinson, S.	2021358460	Johnson Matthey Public Limited Company
2021336070	Société des Produits Nestlé S.A.	2021358525	The Chemours Company FC, LLC
2021336234	Grant Prideco, L.P.	2021359501	Sennics Co., Ltd.
2021336423	The Board of Trustees of the University of Illinois	2021360201	Kverneland Group Nieuw-Vennep B.V.
2021336734	Merck Patent GmbH	2021360339	Raytheon Company
2021336742	Ocado Innovation Limited	2021363626	Freezio AG
2021336786	Ecolab USA Inc.	2021364112	WI-LAN RESEARCH INC.
2021337155	De' Longhi Appliances S.R.L.	2021367157	Freezio AG
2021337191	Salts Healthcare Limited	2021369608	Société des Produits Nestlé S.A.
2021337213	Robinson, S.	2021371455	Servicios Acuicolas Salmoclinic Spa
2021337545	Nexa3D Inc.	2021371782	Karatzis S.A. Industrial & Hotelier Enterprises
2021337778	International Business Machines Corporation	2021371921	Tyco Fire Products LP
2021337850	Janssen Sciences Ireland Unlimited Company	2021378207	AKCIONERNOE OBSHCHESTVO "NACIONAL'NAYA SISTEMA PLATEZHNYH KART"
2021338014	Daiichi Sankyo Company, Limited	2021380487	Hyosung Heavy Industries Corporation
2021338273	Colorado State University Research Foundation; The Board of Trustees of the University of Illinois; Monsanto Technology LLC	2021383769	The Chemours Company FC, LLC
2021338380	The UAB Research Foundation; Texas Biomedical Research Institute	2021384704	Hyosung Heavy Industries Corporation
2021338484	General Electric Technology GmbH	2021385569	Halliburton Energy Services, Inc.
2021338526	Merz Pharma GmbH & Co. KGaA	2021386235	Halliburton Energy Services, Inc.
2021338551	Nicoventures Trading Limited	2021388162	Halliburton Energy Services, Inc.
2021338555	Novozymes A/S; Microbiogen Pty. Ltd.	2021397958	Philip Morris Products S.A.
2021338936	Ypsomed AG	2021398580	NEC Corporation
2021339270	Key DH IP Inc./IP Strategiques DH, Inc.	2021409902	Raytheon BBN Technologies, Corp.
2021339379	Lefkus, J.	2021411535	Wengfu (Group) Co., Ltd.; Wengfu-Dazhou Chemical Co.,Ltd.
2021339462	ResMed Pty Ltd	2021413008	Central South University
2021339641	Tepha, Inc.	2021429593	Jiangsu Shemar Electric Co., Ltd.
2021339874	Lamberti SpA	2021429765	Jiangsu Shemar Electric Co., Ltd.
2021339989	International Business Machines Corporation	2021437023	Wellmarker Bio Co., Ltd.
2021340180	Malao GmbH	2021437024	Nanjing Normal University
2021340206	Schreder S.A.	2021455532	LG Electronics Inc.
2021340327	Fujikura Ltd.	2022224848	Royal Melbourne Institute of Technology
2021340886	CZ BIOHUB SF, LLC; The Board of Trustees of the Le-land Stanford Junior University	2022265362	HONG SAN LIGHT METAL CO., LTD.
2021341757	International Business Machines Corporation	2022266998	Degussa Bank AG
2021341795	MacDougall, F.	2022267542	Hunan Taohuajiang Bamboo Science & Technology Co., Ltd .
2021341903	Valvosanitaria Bugatti S.p.A.	2022268465	STEMIRNA THERAPEUTICS CO., LTD.
2021342115	Kimetec GmbH	2022279317	Detnet South Africa (Pty) Ltd
2021342710	Pricewaterhousecoopers Solutions Limited	2022283696	Sayfa R&D Pty Ltd
2021342739	Nicoventures Trading Limited	2022283697	Sayfa R&D Pty Ltd
2021343381	JAMF Software, LLC		
2021344322	Gravity Technologies LLC d/b/a/ GroundWorx		
2021345075	Yazaki Energy System Corporation		
2021345532	Magneto Thrombectomy Solutions Ltd.		
2021345538	Hypertunnel IP Limited		
2021345970	RISE RESEARCH INSTITUTES OF SWEDEN AB		
2021346097	Merck Patent GmbH		
2021346519	Hologic, Inc.		
2021346865	Omya International AG		
2021348219	Orano Med		
2021348233	ANB Sensors Ltd		
2021348263	Meld Gold Pty Ltd		
2021348407	Alcon Inc.		

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2021320392	2021321470 2021322987		2021331633 2021339462	2021308574 2021321510 2021323754	2021322831 2021323853
<u>A61K 31/-</u>	<u>A61K 38/-</u>	<u>A61K 48/-</u>			
2019345104 2021303490 2021303629 2021305293 2021306644 2021308344 2021309106 2021309894 2021311245 2021311835 2021312537 2021312855 2021312946 2021313124 2021314401 2021318236 2021318237 2021318431 2021318923 2021320774 2021320960 2021321092 2021321470 2021321510 2021321561 2021321705 2021321901 2021322052 2021322891 2021322987 2021323515 2021323754 2021323853 2021325426 2021325941 2021326420 2021326521 2021326545 2021327728 2021328260 2021328980 2021329507 2021329765 2021329777 2021329805 2021329820 2021336423 2021350075 2021369608	2021304762 2021310213 2021314116 2021314336 2021319075 2021320392 2021320495 2021320556 2021322831 2021324064 2021325426 2021325648 2021332331 2021335032 2021335639 2021336734	2021320419 2021328570 2021332331	<u>A61M 25/-</u>	<u>A61P 19/-</u>	<u>A61P 35/-</u>
		<u>A61K 49/-</u>	2021308072 2021313056	2021308574 2021320774 2021323754 2021329777	2019345104 2021303629 2021306644 2021312537 2021312554 2021314116 2021314401 2021317378 2021318923 2021319075 2021320495 2021321536 2021323754 2021325426 2021325604 2021329777 2021335032 2021336734 2021348219 2021350075 2021350342
		<u>A61K 51/-</u>	<u>A61M 31/-</u>		
		2021320495	2021318600	<u>A61P 21/-</u>	
				2021321705 2021323754 2021329765 2021369608	
		<u>A61K 6/-</u>	<u>A61M 35/-</u>		
		2021306733	2021318600	<u>A61P 25/-</u>	
	<u>A61K 39/-</u>	<u>A61K 8/-</u>	<u>A61M 39/-</u>	2021309894 2021318431 2021321092 2021321206 2021321536 2021321705 2021323754 2021324538 2021325604 2021329777 2021332331	<u>A61P 37/-</u>
	2019345104 2021305093 2021308574 2021312537 2021312946 2021315210 2021316539 2021321206 2021321549 2021322831 2021323178 2021325648 2021328653 2021335257 2021335509 2021349286 2021350075 2021437023 2022268465	2021306733 2021310198 2021313148 2021321510	2021311596 2021312269 2021313774 2021315210 2021316655 2021325994 2021331352 2021338526 2021338936		<u>A61P 39/-</u>
		<u>A61K 9/-</u>	<u>A61M 5/-</u>		
		2019345104 2021303490 2021306733 2021308681 2021309295 2021315210 2021318236 2021318237 2021320419 2021320774 2021321092 2021321510 2021323853 2021324708 2021328980 2021346097 2021349286 2022268465	2021311596 2021312269 2021313774 2021315210 2021316655 2021325994 2021331352 2021338526 2021338936	<u>A61P 27/-</u>	
			<u>A61M 60/-</u>	2021309894 2021318236 2021318237 2021321510 2021335509 2021335639	<u>A61P 43/-</u>
	<u>A61K 41/-</u>	<u>A61L 2/-</u>	<u>A61M 1/-</u>		2021312537 2021321705 2021325604 2021325890 2021329805
	2021321597 2021326545	2021329204	2021349099	<u>A61P 29/-</u>	
	<u>A61K 45/-</u>	<u>A61L 27/-</u>		2021303629 2021321510 2021321705 2021323754 2021325604	<u>A61P 5/-</u>
	2021309106 2021314116 2021321510 2021324708 2021350075	2021328760 2021337778	<u>A61N 1/-</u>		2021323754
			2021306189 2021311610 2021318167 2021319075 2021334092	<u>A61P 3/-</u>	<u>A61P 7/-</u>
		<u>A61L 9/-</u>	<u>A61P 1/-</u>	2021304762 2021323754	2021309295 2021323754
	<u>A61K 47/-</u>		2021300883 2021306733 2021309106 2021310936 2021323754 2021329339	<u>A61P 31/-</u>	<u>A61P 9/-</u>
	2021303490 2021308681 2021309295 2021312537 2021312554 2021315813 2021317378 2021318236 2021318237	2021329204	<u>A61P 11/-</u>	2021303490 2021307447 2021309106 2021312946 2021314336 2021320960 2021321470 2021322891 2021323178 2021323754	2021305293 2021322987 2021323515 2021325604 2021329765
		<u>A61M 11/-</u>	2021305293 2021323515 2021323754 2021327728		<u>A61Q 1/-</u>
		2021331633			2021310198

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

<u>A61Q 11 /-</u>	<u>B01D 19 /-</u>	<u>B01J 27 /-</u>	<u>B23B 3 /-</u>	<u>B32B 3 /-</u>	2021333471
2021306733 2021310198	2021325311	2021345970	2021336234	2021312774	<u>B63B 27 /-</u>
<u>A61Q 19 /-</u>	<u>B01D 29 /-</u>	<u>B01J 29 /-</u>	<u>B23B 5 /-</u>	<u>B32B 5 /-</u>	2021312220 2021326373
2021310198 2021321510	2021309472 2021314451 2021316022 2021320485	2021357054	2021336234	2021312774	<u>B63B 32 /-</u>
<u>A61Q 5 /-</u>	<u>B01D 35 /-</u>	<u>B01J 31 /-</u>	<u>B23D 19 /-</u>	<u>B32B 9 /-</u>	2021333471
2021310198 2021313148	2020476831 2021314451 2021320485 2021354049	2021325856	2021308635	2021315800	<u>B63C 11 /-</u>
<u>A62B 35 /-</u>	<u>B01D 36 /-</u>	<u>B01J 38 /-</u>	<u>B26B 25 /-</u>	<u>B33Y 10 /-</u>	2021318087
2022283696	2021320485	2021309472	2021308635	2021337545	<u>B63G 8 /-</u>
<u>A62C 19 /-</u>	<u>B01D 43 /-</u>	<u>B01J 47 /-</u>	<u>B27D 3 /-</u>	<u>B33Y 30 /-</u>	2021304506
2021323150	2021316022	2021325604	2022267542	2021328760 2021337545	<u>B65B 1 /-</u>
<u>A62C 2 /-</u>	<u>B01D 46 /-</u>	<u>B01L 3 /-</u>	<u>B27J 1 /-</u>	<u>B33Y 70 /-</u>	2021309644
2021307472 2021309129	2021320485	2021314989 2021316022 2021324409	2022267542	2021328760	<u>B65B 31 /-</u>
<u>A62C 3 /-</u>	<u>B01D 53 /-</u>	<u>B03D 1 /-</u>	<u>B27N 3 /-</u>	<u>B33Y 80 /-</u>	2021331367
2021309122 2021371921	2021309472	2021325311	2021315800	2021328760	<u>B65B 7 /-</u>
<u>A62C 37 /-</u>	2021309472 2021320985 2021321530 2021327372 2021341795	<u>B05B 11 /-</u>	<u>B28B 5 /-</u>	<u>B60K 1 /-</u>	2021331369
2021371921	<u>B01D 61 /-</u>	2021312899	2021314571	2021316397	<u>B65D 1 /-</u>
<u>A63B 21 /-</u>	2021320873 2021327372	<u>B05B 12 /-</u>	<u>B29C 45 /-</u>	<u>B60L 53 /-</u>	2021323907 2021324519 2021331678 2021333164
2021307413	<u>B01D 67 /-</u>	2021329888	2021312183	2021309244	<u>B65D 17 /-</u>
<u>A63B 24 /-</u>	2021320873 2021327372	<u>B05B 15 /-</u>	<u>B29C 53 /-</u>	<u>B60P 1 /-</u>	2021323359
2021323444	<u>B01D 69 /-</u>	2021309114 2021329888	2021331369	2021313613	<u>B65D 19 /-</u>
<u>A63B 33 /-</u>	2021316022 2021320873	<u>B05B 7 /-</u>	<u>B29C 64 /-</u>	<u>B60R 25 /-</u>	2021318598
2021318087	<u>B01D 71 /-</u>	2021329888	2021305444 2021337545	2021328684	<u>B65D 21 /-</u>
<u>A63B 5 /-</u>	<u>B01D 9 /-</u>	<u>B05C 1 /-</u>	<u>B29C 65 /-</u>	<u>B60S 5 /-</u>	2021328456
2021323444	2021327372	2021309114	2021314952 2021331369	<u>B61B 13 /-</u>	2021314989 2021322779 2021323907
<u>A63B 60 /-</u>	<u>B01D 11 /-</u>	<u>B05D 7 /-</u>	<u>B29D 11 /-</u>	2021304542	<u>B65D 3 /-</u>
2020458154	2021320873 2021327372	2021309114	2021314952	<u>B61F 3 /-</u>	2021331369 2021332356
<u>B01D 1 /-</u>	<u>B01D 19 /-</u>	<u>B07B 1 /-</u>	<u>B29L 23 /-</u>	2021304542	<u>B65D 43 /-</u>
2021306432	2021325577	2021327306	2021312183	<u>B61L 15 /-</u>	2021324887
<u>B01D 11 /-</u>	<u>B01J 19 /-</u>	<u>B09B 3 /-</u>	<u>B31B 105 /-</u>	2021413008	<u>B65D 47 /-</u>
2021325311	2021334171	2021311179	2021331367	<u>B62B 3 /-</u>	2021314989
<u>B01D 15 /-</u>	<u>B01J 20 /-</u>	<u>B09B 5 /-</u>	2021331367 2021331369	2021324263	<u>B65D 71 /-</u>
2021325604	2021312774 2021324828	2021315328	<u>B32B 1 /-</u>	2021324263	2021320164 2021320653 2021323429 2021353861
<u>B01D 17 /-</u>	<u>B01J 23 /-</u>	<u>B22F 12 /-</u>	2021356078	<u>B62D 51 /-</u>	<u>B65D 73 /-</u>
2021325577 2021354049	2021309472 2021345970 2021358460	2021305444	<u>B32B 17 /-</u>	2021322128	2021353861
		<u>B23B 1 /-</u>	2021328684	<u>B63B 1 /-</u>	2021304506

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<u>B65D 77 /-</u>	<u>B66F 9 /-</u>	<u>C01G 39 /-</u>	<u>C07C 29 /-</u>	<u>C07D 405 /-</u>	2021310213
2021324519	2021322128	2021331687	2021325856	2021309894	2021310467
<u>B65D 81 /-</u>	<u>B67D 1 /-</u>	<u>C01G 41 /-</u>	<u>C07C 319 /-</u>	2021318923	2021312262
2021331678	2021326491	2021331687	2021325428	2021323754	2021312554
<u>B65D 83 /-</u>	2021363626	<u>C02F 1 /-</u>	<u>C07C 49 /-</u>	2021329805	2021314336
2021324887	2021367157	<u>C02F 3 /-</u>	<u>C07D 407 /-</u>	<u>C07D 407 /-</u>	2021316539
<u>B65D 85 /-</u>	<u>B67D 7 /-</u>	2021306432	2021321705	2021305293	2021324064
2021324887	2021363626	2021316022	<u>C07D 207 /-</u>	<u>C07D 413 /-</u>	2021325165
2021327063	2021367157	2021320402	2021321561	2021305293	2021326035
2021336070	<u>B82Y 30 /-</u>	2021320485	2021329805	2021308344	2021328570
2021356078	2021330002	2021371455	<u>C07D 209 /-</u>	2021310936	2021332331
2021363626	<u>C01B 17 /-</u>	2021409902	2021321561	2021322052	2021335032
2021367157	2021309240	<u>C04B 20 /-</u>	<u>C07D 211 /-</u>	2021323515	2021336734
<u>B65D 90 /-</u>	<u>C01B 25 /-</u>	2020464317	<u>C07D 213 /-</u>	2021329339	2021349286
2021304542	2021330002	<u>C04B 28 /-</u>	2021323754	<u>C07D 417 /-</u>	<u>C07K 16 /-</u>
2021305444	<u>C01B 3 /-</u>	2021334992	<u>C07D 215 /-</u>	2021322052	2019345104
<u>B65G 1 /-</u>	2021307313	<u>C05G 3 /-</u>	2021321901	2021329339	2021305093
2020464936	2021326397	2021411535	<u>C07D 231 /-</u>	2021329805	2021307257
2021325729	2021358460	<u>C07C 219 /-</u>	2021305293	<u>C07D 451 /-</u>	2021308574
2021333164	<u>C01B 32 /-</u>	2021310198	<u>C07D 239 /-</u>	2021305293	2021310499
2021334848	2021341795	2022268465	2021310936	2021322102	2021312262
2021335275	<u>C01B 33 /-</u>	<u>C07C 227 /-</u>	2021329777	<u>C07D 471 /-</u>	2021312537
2021336742	2021330002	2021323754	<u>C07D 263 /-</u>	2021310936	2021312554
<u>B65G 47 /-</u>	<u>C01C 1 /-</u>	<u>C07C 229 /-</u>	2021329339	2021311245	2021313348
2021333871	2021315328	2021308681	<u>C07D 277 /-</u>	2021318923	2021315210
<u>B65G 63 /-</u>	<u>C01D 15 /-</u>	2021323754	2021310936	2021321536	2021317378
2021304542	2021330002	2022268465	2021329777	2021322052	2021322831
<u>B65H 63 /-</u>	<u>C01F 11 /-</u>	<u>C07C 233 /-</u>	<u>C07D 295 /-</u>	2021328980	2021323178
2021340327	2021315328	2021308681	2021312855	2021328980	2021324615
2021340327	2021346865	<u>C07C 235 /-</u>	<u>C07D 319 /-</u>	2021329034	2021325165
<u>B66B 1 /-</u>	<u>C01F 17 /-</u>	2021321705	2021323754	2021329374	2021329034
2020462252	2021309295	<u>C07C 237 /-</u>	<u>C07D 299 /-</u>	2021335257	2021329374
2021323970	<u>C01F 5 /-</u>	2021308681	2021310936	2021335509	2021336734
<u>B66C 1 /-</u>	2021346865	<u>C07C 253 /-</u>	2021323754	2021338014	2021338014
2021326650	<u>C01G 23 /-</u>	2021323754	<u>C07D 401 /-</u>	2021338380	2021338380
<u>B66C 13 /-</u>	2021330002	<u>C07C 255 /-</u>	2021305293	2021350075	2021350075
2021312220	2021330002	2021321705	2021305293	2021350342	2021350342
<u>B66C 23 /-</u>	<u>C01G 25 /-</u>	2021323754	2021323754	2021437023	2021437023
2021312220	2021330002	<u>C07C 271 /-</u>	<u>C07D 403 /-</u>	<u>C07D 487 /-</u>	<u>C07K 19 /-</u>
2022283697	<u>C01G 33 /-</u>	2021321705	2021305293	2021303629	2021312554
<u>B66C 3 /-</u>	2021331687	2021323754	2021310936	2021305293	<u>C07K 5 /-</u>
2021326650	2021331687	2021321705	2021329777	2021329805	2021320392
			2021329805	2021329805	2021328760
				<u>C07D 495 /-</u>	<u>C07K 7 /-</u>
				2021310936	2021314336
				<u>C07D 515 /-</u>	<u>C08B 11 /-</u>
				2021306644	2021324708
				<u>C07F 9 /-</u>	<u>C08B 37 /-</u>
				2021336423	2021324708
				<u>C07K 1 /-</u>	<u>C08G 18 /-</u>
				2021304762	2021319373
				2021320392	<u>C08G 59 /-</u>
				<u>C07K 14 /-</u>	2021316179
				2021304762	
				2021308848	

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C08G 65 /-	C09D 1 /-	2021325311 2021335599	2021325890 2021325941 2021328760 2021329034 2021338014	2021331483	E02B 9 /-
2021316179	2021319373			C25B 11 /-	2021332140
C08J 3 /-	C09D 133 /-	C11D 9 /-		2020458213 2021320402 2021331483	E02F 3 /-
2021305370 2021305371	2021319373	2021309015	C12N 9 /-		2021304421 2021322128
C08J 9 /-	C09D 175 /-	C12G 3 /-		C25B 15 /-	E02F 5 /-
2021318598	2021319373	2021331678	2021303704 2021304393 2021307447 2021312262 2021331493 2021334371 2021338014 2021349286	2020458213 2021319464 2021320402 2021339270	2021357619
C08K 13 /-	C09D 5 /-	C12H 1 /-		C25B 3 /-	E02F 9 /-
2021359501	2021319373	2021331678	C12M 1 /-	2020458213	2021304421 2021316397 2021322128 2021357619
C08K 3 /-	C09K 17 /-	2021322453 2021324409 2021409902	C12P 13 /-	C25B 9 /-	E03B 7 /-
2021319373	2021339874		2021303704 2021304393	2020458213 2021319464 2021331483 2021339270	2021328510
C08K 5 /-	C09K 5 /-	C12M 3 /-	C12P 21 /-		E03C 1 /-
2021305370 2021305371 2021359501	2021357829 2021358525 2021383769	2021409902	2021329034 2021338014	C40B 20 /-	2021328510
C08L 1 /-	C09K 8 /-	C12N 1 /-		C12P 3 /-	E04B 1 /-
2021339874	2020479816	2020467230 2021300883 2021331296 2021337213 2021338014 2021338555	C12P 7 /-	2021329812	2020461921 2021307472 2021309129 2021339379
C08L 23 /-	C10B 49 /-	C12N 11 /-	2021338555	C40B 40 /-	
2021303475 2021318598 2021332812 2021334171	2021309128	C12N 15 /-	C12Q 1 /-	2021329812	E04B 5 /-
C08L 29 /-	C10G 1 /-	2021325890	2020468842 2021308095 2021311713 2021322453 2021329899 2021337850 2021340886	D04B 21 /-	E04D 13 /-
2021305370 2021305371	2021321530 2021345970	C12N 15 /-	C12R 1 /-	2021371782	2020462129
C08L 33 /-	C10G 11 /-	2021303704 2021307447 2021311713 2021312537 2021312554 2021314336 2021315210 2021316539 2021319075 2021320556 2021322113 2021322453 2021322891 2021323178 2021324538 2021324615 2021326420 2021326521 2021328570 2021329812 2021334371 2021335032 2021338014 2021338273 2021338555 2021340886 2021349286	C22B 11 /-	D05C 17 /-	E04D 3 /-
2021319373	2021321530	C12N 15 /-	C22B 15 /-	2021312774 2021321197	2020462129
C08L 7 /-	C10K 3 /-	C12N 15 /-	2021337213	D06N 7 /-	E04G 1 /-
2021359501	2021321530	C12N 15 /-	C22B 11 /-	2021321197	2021312369
C08L 75 /-	C11B 3 /-	C12N 15 /-	2021325311	D21F 3 /-	E04G 21 /-
2021319373	2021324580 2021324581 2021324878 2021324879 2021325645 2021325830 2021326415 2021326416	C12N 15 /-	C22B 15 /-	2021349971	2022283696 2022283697
C08L 9 /-	C11D 1 /-	C12N 15 /-	2021311179	D21F 7 /-	E04G 25 /-
2021359501	2021325311 2021335599	C12N 15 /-	C22B 23 /-	2021349971	2021312369
C08L 97 /-	C11D 17 /-	C12N 15 /-	2021311179	D21F 9 /-	E04G 5 /-
2021312774	2021309015 2021335599	C12N 15 /-	C22B 7 /-	2021349971	2021312369
C09B 23 /-	C11D 17 /-	C12N 5 /-	2021311179	D21G 1 /-	E04G 7 /-
2021320495	2021309015 2021335599	2021312262 2021312554 2021320556 2021325735	C22B 9 /-	2021349971	2021312369
C09B 61 /-	C11D 17 /-	C12N 5 /-	2021311179	E01C 13 /-	E04H 12 /-
2021333108	2021309015 2021335599	C12N 5 /-	C25B 1 /-	2021312774	2021429593 2021429765
C09C 1 /-	C11D 3 /-		2020458213 2021305621 2021319464 2021320402	E01F 9 /-	E04H 3 /-
2021346865	2021309015			2020467780	2021314065

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<u>E04H 6 /-</u>	2021388162	<u>F15B 11 /-</u>	<u>F16K 43 /-</u>	<u>F21S 41 /-</u>	<u>F24F 5 /-</u>
2021309244	<u>E21B 44 /-</u>	2021326650	2021323437	2021310482	2021318228
	2020479816		<u>F16K 5 /-</u>	<u>F21S 8 /-</u>	2021318878
<u>E05G 1 /-</u>	<u>E21B 47 /-</u>	<u>F16B 1 /-</u>	2021341903	2021326431	<u>F24F 8 /-</u>
2021348263		2021350409			2021314065
	2021309134		<u>F16L 1 /-</u>	<u>F21V 17 /-</u>	
<u>E06B 3 /-</u>	2021386235	<u>F16B 19 /-</u>	2021320000	2021314952	<u>F24H 1 /-</u>
2021345075	<u>E21B 49 /-</u>	2021327306			2021310291
	2021335596	<u>F16B 2 /-</u>	<u>F16L 21 /-</u>	<u>F21V 23 /-</u>	
<u>E06B 9 /-</u>		2021315599	2021315599	2021322869	<u>F24S 80 /-</u>
2021323426	<u>E21B 7 /-</u>				2021309807
	2020479816	<u>F16B 21 /-</u>	<u>F16L 23 /-</u>	<u>F21V 31 /-</u>	
	2021330699	2021327306	2021305444	2021322869	<u>F25B 1 /-</u>
2021325175	<u>E21C 41 /-</u>				2021358525
2021385569		<u>F16B 31 /-</u>	<u>F16L 27 /-</u>	<u>F21V 5 /-</u>	<u>F25B 29 /-</u>
2021386235	2021335596	2021350409	2021325175	2021314952	2021398580
2021388162	<u>E21D 9 /-</u>				
<u>E21B 21 /-</u>		<u>F16B 39 /-</u>	<u>F16L 3 /-</u>	<u>F21V 8 /-</u>	<u>F26B 17 /-</u>
2020476831	2021345538	2021350409	2021305444	2021331833	2021314066
2021330699			2021315599		
	<u>F01N 13 /-</u>	<u>F16B 5 /-</u>	2021320000	<u>F21W 131 /-</u>	<u>F26B 21 /-</u>
<u>E21B 23 /-</u>		2021327306		2021314952	2021314066
2020480976	2021315599		<u>F16L 33 /-</u>	2021322869	
	<u>F02D 9 /-</u>		2021312183		
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2020476831	2021325660	2021305444	2021315599	2021314952	2021314066
	<u>F03B 13 /-</u>				
<u>E21B 29 /-</u>		<u>F16J 15 /-</u>	<u>F16L 47 /-</u>	<u>F21Y 115 /-</u>	<u>F27B 1 /-</u>
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	<u>F03D 17 /-</u>	2021322869			
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<u>E21B 34 /-</u>		2021312269	2021307472		<u>F27D 3 /-</u>
2020483334	2021324958	2021328255	2021309114	<u>F24F 1 /-</u>	2020464317
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2021320503	<u>F03D 9 /-</u>		2021323437		<u>F28C 3 /-</u>
		<u>F16K 27 /-</u>		<u>F24F 11 /-</u>	2021309807
<u>E21B 36 /-</u>	2021324958	2021323437		2021314065	
2021330699	<u>F03G 7 /-</u>		2021307472	2021315811	<u>F28D 1 /-</u>
		<u>F16K 3 /-</u>	2021309129	2021318228	2021318228
<u>E21B 37 /-</u>	2021332140	2021323437			
2020476831	<u>F04B 23 /-</u>		<u>F16L 58 /-</u>	<u>F24F 110 /-</u>	<u>F28D 13 /-</u>
		<u>F16K 31 /-</u>	2021309114	2021318228	2021310291
<u>E21B 41 /-</u>	2021354049	2020464189			
2020476831	<u>F04B 39 /-</u>		<u>F16L 9 /-</u>	<u>F24F 13 /-</u>	<u>F28F 1 /-</u>
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2021388162	2021357829	2020464189		2021309129	2021318228
	2021358525		<u>F17C 13 /-</u>	2021318228	
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2021328456	2021309020	2021329231	2021325015	2021325403	2021324917
<u>G01C 19 /-</u>	2021325165	<u>G05B 19 /-</u>	<u>G06N 10 /-</u>	2021326702	<u>G09B 5 /-</u>
2021304421	2021325604	2021328684	2020462915	2021329306	2021343381
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2021413008	<u>G01S 13 /-</u>	2022266998	2020462037	2021325403	<u>G10L 25 /-</u>
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<u>G01M 5 /-</u>	<u>G01S 19 /-</u>	<u>G06F 21 /-</u>	<u>G06Q 10 /-</u>	<u>G06V 20 /-</u>	2021340886
2021350409	2021321270	2021300461	2021307475	2021322264	<u>G16B 20 /-</u>
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2021322453	2021325422	2021318485	2021325403	2021325403	2021340886
<u>G01N 11 /-</u>	<u>G01S 7 /-</u>	2021324521	2021329306	<u>G06V 30 /-</u>	<u>G16B 30 /-</u>
2021322453	2021328456	2021324940	2021333763	2021329071	2021340886
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<u>G01N 27 /-</u>	2021320493	2021323444	2021318866	2021307548	<u>G16C 20 /-</u>
2021348233	2021331833	<u>G06F 7 /-</u>	2021320649	<u>G07F 11 /-</u>	2021304814
<u>G01N 29 /-</u>	2021333162	2021323444	2021324521	2021326719	2021329818
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2021346519	2021318087	2021320315	2021327830	2021326491	2021303739
<u>G01N 3 /-</u>	<u>G02C 9 /-</u>	<u>G06K 17 /-</u>	2021327946	<u>G07F 19 /-</u>	2021338936
2021326287	2021318087	2021321476	2021327946	2021313620	<u>G16H 40 /-</u>
		2021322788	2021333763	<u>G07F 7 /-</u>	2021301210
		2021308073	2022266998	2021308073	2021338936
		2021329812	<u>G06Q 30 /-</u>	<u>G08B 13 /-</u>	<u>G16H 50 /-</u>
			2021285994	2021328684	2021303739
			2021318866		
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			<u>G06Q 40 /-</u>		
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			2022266998		

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	2021384704	2021325836	2021320424
2021325041	<u>H02J 9 /-</u>	<u>H04L 5 /-</u>	<u>H04W 52 /-</u>
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2021316022	2021380487	<u>H04L 67 /-</u>	<u>H04W 72 /-</u>
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2021318673	<u>H02M 3 /-</u>	2021322591	2021322743
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2021330377	2021384704	2021305185	2021326057
2021331687	<u>H02M 5 /-</u>	2021313620	<u>H04W 74 /-</u>
2021335102	2021338484	2021318485	2020462141
<u>H01M 8 /-</u>	2021380487	2021324940	<u>H04W 76 /-</u>
2021409902	<u>H02M 7 /-</u>	2021325015	2021307585
<u>H01P 3 /-</u>	2021342739	2021349869	2021320424
2021364112	2021380487	<u>H04M 3 /-</u>	<u>H04W 88 /-</u>
<u>H01P 7 /-</u>	2021384704	2021314320	2021307585
2021364112	<u>H02P 9 /-</u>	2021331048	2021313127
<u>H01Q 1 /-</u>	2021360339	<u>H04N 19 /-</u>	<u>H04W 92 /-</u>
2021308073	<u>H02S 20 /-</u>	2021357058	2021307585
<u>H01R 13 /-</u>	2021310874	<u>H04Q 1 /-</u>	<u>H05B 47 /-</u>
2021322869	<u>H03B 1 /-</u>	2021313127	2021340206
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2021307472	2021455532	2021314320	
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A61K 31/445 (2006.01)
A61K 47/10 (2017.01)
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A61K 47/18 (2017.01)
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G06Q 20/40 (2012.01)
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C07C 45/66 (2006.01)
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G07C 9/28 (2020.01)
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C12H 1/00 (2006.01)
C12H 1/052 (2006.01)
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C12Q 1/68 (2006.01)
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A01D 43/07 (2006.01)
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C07C 39/08 (2006.01)
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C12N 1/19 (2006.01)
C12N 9/00 (2006.01)
C12N 9/10 (2006.01)
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 C22C 38/06 (2006.01)
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 B60R 9/02 (2006.01)
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B42D 25/30 (2014.01)
B42D 25/328 (2014.01)
B42D 25/342 (2014.01)
B42D 25/45 (2014.01)
G03H 1/26 (2006.01)
G03H 1/28 (2006.01)
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 (74) Catalyst Intellectual Property

(71) VIZ.AI, INC.
 (11) AU-B-2021202168
 (21) 2021202168 (22) 09.04.2021
 (54) A Method and System for Computer-Aided Triage
 (51) Int. Cl.
A61B 5/06 (2006.01)
A61B 5/053 (2021.01)
A61B 5/055 (2006.01)
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 (54) Virtual try-on systems and methods for spectacles
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B04C 5/04 (2006.01)
B04C 3/04 (2006.01)
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B04C 5/02 (2006.01)
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A61K 35/02 (2015.01)
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 (51) Int. Cl.
B61L 3/08 (2006.01)
B60T 13/74 (2006.01)
F16D 59/00 (2006.01)
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C12N 15/62 (2006.01)
A61K 38/00 (2006.01)
C07K 14/00 (2006.01)
C12N 15/11 (2006.01)
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 (74) Davies Collison Cave Pty Ltd

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 (21) 2019345757 (22) 25.09.2019
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A61K 31/575 (2006.01)
A61P 31/04 (2006.01)
A61P 31/10 (2006.01)
A61P 31/12 (2006.01)
A61P 35/00 (2006.01)
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 (43) 02.04.2020
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 (21) 2019421670 (22) 06.11.2019
 (54) Method, device, and apparatus for controlling mopping robot, and storage medium
 (51) Int. Cl.
A47L 11/293 (2006.01)
A47L 11/40 (2006.01)
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(71) Zhejiang CHINT Electrics Co., Ltd.
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(21) 2019416473 (22) 24.12.2019
(54) Miniature circuit breaker
(51) Int. Cl.
H01H 71/10 (2006.01)
H01H 71/58 (2006.01)
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(72) LU, Kejun; GU, Xiangyi
(74) IP SOLVED (ANZ) PTY. LTD.

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2016293373	The University of Queensland	2018217433	IXOM Operations Pty Ltd
2016293547	GestVision, Inc.	2018219405	Omya International AG
2016326609	OncoMed Pharmaceuticals, Inc.	2018220469	Hyasynth Biologicals Inc.
2016341044	Pioneer Hi-Bred International, Inc.	2018225355	Fives Solios; Fives FCB
2016341198	Dovetail Genomics, LLC	2018230620	Belvedere Foliar LLC
2016342039	Teclison Limited	2018231081	Arizona Board of Regents on Behalf of the University of Arizona
2016348439	Atreca, Inc.	2018231083	Arizona Board of Regents on Behalf of the University of Arizona
2016359629	The Regents of the University of California; Fang, M.; Batra, R.	2018237807	Well Stone Co.
2016360902	Assistance Publique - Hopitaux de Paris; Université Paris 13	2018241040	ads-tec Energy GmbH; Dr. Ing. h.c.F. Porsche AG
2016368099	Merck Patent GmbH; Pfizer, Inc.	2018255269	The University of Chicago
2016370648	OncoC4, Inc.	2018256273	Farmote Limited
2016378646	XL-protein GmbH; Technische Universität München	2018268004	Icomera AB
2016379228	Fisher & Paykel Healthcare Limited	2018280745	Dizlin Pharmaceuticals AB
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2016426605	Alcon Inc.	2018294635	DiagDev
2017201760	Canon Kabushiki Kaisha	2018296713	Vervaeke-Belavi
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2017261321	Eagle Pharmaceuticals, Inc.	2018360871	USNR, LLC
2017264562	Janssen Vaccines & Prevention B.V.	2018371863	Bardex Corporation
2017264693	Sarkissian, S.M.	2018378042	Lifecore Fitness, Inc.
2017266686	Checkmab S.R.L	2018379543	Kemira Oyj
2017266731	Haulotte Group	2018386184	Dana-Farber Cancer Institute, Inc.
2017270131	Société des Produits Nestlé S.A.	2018388483	Smartsky Networks LLC
2017283677	Mirage Ltd	2018420409	Sichuan Sidaneng Environmental Protection Technology Co., Ltd.
2017285772	Meiji Co., Ltd.	2018443181	Huawei Technologies Co., Ltd.
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2017291632	Callidus Capital B.V.	2019201756	Westinghouse Air Brake Technologies Corporation
2017293129	TOMRA Systems ASA	2019205265	Visual Physics, LLC
2017306078	Drexel University	2019209725	Chia Tai Tianqing Pharmaceutical Group Co., Ltd.
2017310218	Alertix Veterinary Diagnostics AB	2019231258	Alarm.com Incorporated
2017318182	Hauff-Technik GmbH & Co. Kg	2019231699	CHEN, A.
2017331090	TVA Medical, Inc.	2019253285	Archer Daniels Midland Company
2017332702	Purple Innovation, LLC	2019261273	Celgene Corporation
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2017378393	BIORA THERAPEUTICS, INC.	2019299299	CABIO Biotech (Wuhan) Co., Ltd.
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2017400681	Halliburton Energy Services, Inc.	2019299805	LG Electronics Inc.
2017402757	CD Med S.R.L.	2019300933	Clearvue Technologies Ltd
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2017413264	Cyber Surgery, S.L.	2019306315	Les Laboratoires Servier
2017425065	NTT DOCOMO, INC.	2019316684	BASF SE
2017426300	NTT DOCOMO, INC.	2019339334	Eli Lilly and Company
2017430154	Kimberly-Clark Worldwide, Inc.; The Board of Trustees of the University of Illinois	2019345757	Yichang Humanwell Pharmaceutical Co., Ltd
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2019400947	Max Frank GmbH & Co. KG	2021201316	Emerson Digital Cold Chain, Inc.
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2019428297	Hewlett-Packard Development Company, L.P.	2021202112	DRAEGER SAFETY AG & CO. KGAA
2019435757	Spreadtrum Communications (Shanghai) Co., Ltd.	2021202168	VIZ.AI, INC.
2019441034	Hewlett-Packard Development Company, L.P.	2021202408	Sage Products, LLC
2019441365	Hewlett-Packard Development Company, L.P.	2021202727	Edrington Distillers Limited
2019451025	Fieldpoint (Cyprus) Limited	2021202731	Dongguan Poweramp Technology Limited
2019452470	Mitsubishi Electric Corporation	2021202885	Invensys Systems, Inc.
2019454278	Google LLC	2021203143	Dolby International AB; Dolby Laboratories Licensing Corporation
2019459826	Qingdao Haier Special Freezer Co., Ltd; Haier Smart Home Co., Ltd.	2021203248	Teague, P.; Sloan, R.
2019463840	MacKay Memorial Hospital	2021203494	LG ELECTRONICS INC.
2020201291	Biocept, Inc.; Aegea Biotechnologies	2021203626	Cell Design Labs, Inc.
2020203191	PSMA Development Company, LLC	2021203687	NKB Properties Management, LLC
2020204612	Malter, R.; Nagarajan, S.	2021203788	Endurant Systems, LLC
2020206782	Ball Corporation	2021203826	FiberLean Technologies Limited
2020208182	Boston Scientific Scimed, Inc.	2021203856	Animal Ethics Pty Ltd
2020208558	Nuovo Pignone Tecnologie - S.r.l.	2021203996	Great Lakes Forage Systems, LLC
2020211868	Komatsu Ltd.	2021204101	Lehmann, S.
2020217390	The Procter & Gamble Company	2021204198	Apple Inc.
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2020241317	ELC Management LLC	2021204821	Bigfoot Biomedical, Inc.
2020244528	Fisher & Paykel Healthcare Limited	2021206923	Ningxia Jiyuan Juntai New Material Technology Co. Ltd.; University of Science and Technology Beijing; Ningxia Jiyuan Metallurgical Group Co., Ltd.
2020247240	Huawei Technologies Co., Ltd.	2021212016	AURIGENE DISCOVERY TECHNOLOGIES LIMITED
2020247388	Assa Abloy AB	2021215179	Warby Parker Inc.
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2020253601	Tencent America LLC	2021225170	Infastech Intellectual Properties Pte. Ltd.
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2020259134	Dentsply DeTrey GmbH	2021232696	Mahfouz, M.
2020263310	Smiths Medical ASD, Inc.	2021236462	PhysIQ Inc.
2020265721	Rheinmetall Electronics GmbH	2021240287	Naumcevski, S.
2020274862	International Business Machines Corporation	2021240300	KOLMAR KOREA CO., LTD.
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2020278580	Boston Scientific Scimed, Inc.	2021254019	Raytheon BBN Technologies Corp.
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2020286330	STRYKER EUROPEAN OPERATIONS HOLDINGS LLC	2021257985	Tencent America LLC
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2020299378	Lummus Technology LLC	2021266632	Hydra Unlimited, LLC
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2020305070	Nippon Steel Corporation	2021273179	Weatherford Technology Holdings, LLC
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2020323141	Siemens Energy Global GmbH & Co. KG	2021290214	Apple Inc.
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<u>B08B 17 /-</u>	2019428297 2019441034 2019441365	<u>B64D 45 /-</u>	2019304104	<u>C07D 209 /-</u>	2019416427 2021202064 2021203626
2017288910		2016293373	<u>B82Y 30 /-</u>	2018321548	
<u>B22D 11 /-</u>	<u>B42D 25 /-</u>	<u>B64G 1 /-</u>	2019451025	<u>C07D 231 /-</u>	<u>C07K 16 /-</u>
2020294457	2019205265 2020361055	2021279439	<u>B82Y 40 /-</u>	2018358157 2021212016	2016326609 2016368099 2016370648 2017266686 2017310218 2017378393 2019274655 2019339334 2019416427 2020203191 2020250188
<u>B22F 5 /-</u>	<u>B60L 53 /-</u>	<u>B65D 19 /-</u>	2019451025	<u>C07D 233 /-</u>	
2017360139	2021221903	2020232700	<u>C01B 32 /-</u>	2018358157	
<u>B23K 13 /-</u>	<u>B60P 3 /-</u>	<u>B65D 51 /-</u>	2019451025	<u>C07D 271 /-</u>	
2017283677	2021204101 2022271497	2020244528	<u>C01D 15 /-</u>	2018358157	
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2021225170	2020211868 2021204101	2017237730	<u>C04B 18 /-</u>	2020320890	<u>C07K 19 /-</u>
<u>B25B 23 /-</u>	<u>B60R 19 /-</u>	<u>B65D 88 /-</u>	2021206923	<u>C07D 401 /-</u>	2016359629
2018200588 2021225170	2017204413	2021240287 2021433131	<u>C04B 20 /-</u>	2018386184 2019261273 2019271129	<u>C07K 5 /-</u>
<u>B25F 1 /-</u>	<u>B60R 9 /-</u>	<u>B65D 90 /-</u>	2021206923	<u>C07D 405 /-</u>	2018327171 2021240300
2018200588	2021204101	2021240287	<u>C04B 35 /-</u>	2019388805	<u>C07K 7 /-</u>
<u>B25J 9 /-</u>	<u>B60S 9 /-</u>	<u>B65G 29 /-</u>	2019316684	<u>C07D 407 /-</u>	2019463840 2021240300
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2018201266	2019201756	2017293129	<u>C05G 3 /-</u>	2019209725	<u>C08F 220 /-</u>
<u>B26B 11 /-</u>	<u>B61F 3 /-</u>	<u>B65H 16 /-</u>	2018230620	<u>C07C 221 /-</u>	2018217433
2018201266	2018371863	2021204101	2019253285	<u>C07D 413 /-</u>	2018217433
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2017384630	2018371863	2020422181	2019253285	<u>C07D 417 /-</u>	2020259134
<u>B29C 53 /-</u>	<u>B61L 3 /-</u>	<u>B66C 23 /-</u>	<u>C07C 237 /-</u>	2019261273	<u>C08F 8 /-</u>
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2018303790	2016293373	2018371863	<u>C07C 45 /-</u>	<u>C07D 498 /-</u>	2017430154
<u>B33Y 30 /-</u>	<u>B64C 27 /-</u>	<u>B66F 7 /-</u>	2019253285	2018306328	<u>C09D 123 /-</u>
2020249434	2016293373 2021203788	2018371863	<u>C07C 49 /-</u>	<u>C07G 3 /-</u>	2017430154
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2017384630	2021203788	2017237730	<u>C07C 65 /-</u>	<u>C07H 7 /-</u>	2017430154
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	2020201291	D04B 1 /-	2019300933	2017374756	2018360871
	2021202064	2017332702	E21B 10 /-	F16L 5 /-	G01F 23 /-
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	2020294457	2019299805	2017291632	F17C 13 /-	2021201316
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2020277383	C22C 29 /-	2018356458	2021273179	2017286560	2018217433
	2020305070	D21D 1 /-	E21B 47 /-	2017291632	G01N 15 /-
C12G 3 /-	2020305070	D21D 5 /-	2019267223	F23N 1 /-	2018294635
2021202727	C22C 38 /-	2018379543	E21B 7 /-	F24C 3 /-	G01N 21 /-
	2020294457	2020352514	2017291632	2017286560	2017355449
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	C22C 38 /-	2018379543	F01K 27 /-	F25B 1 /-	G01N 33 /-
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2017355449	2020305070	2018379543	2021200470	2019452470	2017211247
	C23C 2 /-	2018379543	F03D 17 /-	F25D 23 /-	2017217609
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<u>G01S 13 /-</u>	2020299384	2018319215	2019416473	<u>H02S 30 /-</u>	2018217241
2020247388	2020372605		<u>H01L 31 /-</u>	2019300933	2021201243
2021203687	<u>G06F 21 /-</u>	<u>G06V 40 /-</u>	2019300933	<u>H02S 40 /-</u>	<u>H04N 5 /-</u>
2021277598	2018217241	2018355927	<u>H01M 10 /-</u>	2020372906	2022201774
<u>G01S 3 /-</u>	2018321586	<u>G07C 9 /-</u>	2021202731	<u>H03M 7 /-</u>	<u>H04N 7 /-</u>
2021203687	2021290214	2020247388	<u>H01M 4 /-</u>	2020337927	2020211868
<u>G01V 1 /-</u>	2022203561	<u>G07F 17 /-</u>	2021201380	<u>H04B 1 /-</u>	2020265721
2018201103	<u>G06F 3 /-</u>	2021201652	<u>H01M 8 /-</u>	2018388483	2022201774
<u>G01V 5 /-</u>	2020265721	<u>G07F 7 /-</u>	2020323141	<u>H04B 10 /-</u>	<u>H04Q 9 /-</u>
2021203248	2021201652	2017293129	2021201380	2021313807	2021203687
<u>G02B 1 /-</u>	2021204198	2018210544	<u>H01Q 7 /-</u>	<u>H04B 7 /-</u>	<u>H04R 1 /-</u>
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<u>G02B 17 /-</u>	<u>G06F 9 /-</u>	2018355927	<u>H01R 4 /-</u>	2018388483	<u>H04S 1 /-</u>
2018231081	2018217241	2019231258	2020310444	2020367157	2021203143
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2018231083	2019454278	<u>G09G 3 /-</u>	<u>H02G 3 /-</u>	<u>H04L 1 /-</u>	<u>H04S 7 /-</u>
<u>G02B 5 /-</u>	<u>G06N 20 /-</u>	2018443181	2017318182	2018285093	2021203143
2019451025	2018355927	<u>G10L 15 /-</u>	<u>H02J 13 /-</u>	<u>H04L 25 /-</u>	<u>H04W 12 /-</u>
<u>G02B 6 /-</u>	2020274862	2020299384	2020222903	2018285093	2020247388
2020208182	<u>G06Q 10 /-</u>	2022203561	<u>H02J 3 /-</u>	<u>H04L 27 /-</u>	2021204198
2021203687	2021290327	<u>G10L 17 /-</u>	2020222903	2018285093	2021290214
<u>G02F 1 /-</u>	<u>G06Q 20 /-</u>	<u>G11C 13 /-</u>	2020372906	2020325358	<u>H04W 24 /-</u>
2018231083	2021290327	2019428241	2021250964	<u>H04L 5 /-</u>	2020247240
<u>G03H 1 /-</u>	2017264693	<u>G16H 10 /-</u>	<u>H02J 7 /-</u>	2018285093	<u>H04W 4 /-</u>
2019205265	2018210544	2021204821	2018241040	2020325358	2019435757
<u>G05B 13 /-</u>	2021290214	<u>G21C 1 /-</u>	2021202731	<u>H04L 67 /-</u>	2020247388
2021202885	<u>G06Q 30 /-</u>	2021221888	2021221903	2018217241	2021201243
<u>G05B 9 /-</u>	2017264693	<u>G21C 21 /-</u>	2021290267	2021201243	2021204198
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2020222903	<u>G06T 19 /-</u>	2021221888	2021250964	2019268070	2020325358
<u>G06F 11 /-</u>	2021215179	<u>G21C 3 /-</u>	<u>H02M 3 /-</u>	2021290214	<u>H04W 72 /-</u>
2020337927	<u>G06T 5 /-</u>	2021221888	2021250964	<u>H04N 13 /-</u>	2017425065
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<u>G06F 13 /-</u>	2018319215	2021221888	2021250964	<u>H04N 19 /-</u>	2018285093
2018217241	<u>G06T 7 /-</u>	<u>G21D 3 /-</u>	<u>H02M 7 /-</u>	2017201760	<u>H04W 76 /-</u>
<u>G06F 15 /-</u>	2019378019	2021221888	2021250964	2020253601	2019435757
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Certified Innovation Patents**Name Index**

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

-
- (71) SYSTEM STORMSEAL PTY LTD
(11) AU-B-2021104661
(21) 2021104661 (22) 28.07.2021
(54) Heat Shrink Covering of Built Structures
and Method
(51) Int. Cl.
E04D 5/06 (2006.01)
B29C 65/02 (2006.01)
E04G 21/28 (2006.01)
(45) 09.03.2023
(62) 2019283982
(72) LENNOX, Matthew; GALLAGHER,
Justin; MARKOPOULOS, Andrew
(74) Wallington-Dummer

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Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Withdrawn

2019250270 **Minetek Investments Pty Ltd** (Howden Australia Pty Ltd)

Patents Granted

Standard Patents

2016206213	2016298425	2016301021	2016302580
2016302928	2016330398	2016332475	2016334225
2016347500	2016352829	2016366549	2016407529
2017201305	2017204945	2017208662	2017210484
2017232093	2017238339	2017244688	2017247701
2017250732	2017260192	2017267160	2017268720
2017269046	2017272967	2017285019	2017287529
2017297370	2017303905	2017315764	2017319586
2017321979	2017322066	2017324960	2017325593
2017326749	2017329869	2017332855	2017336338
2017339029	2017340526	2017344058	2017349752
2017355407	2017357645	2017361132	2017362979
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2017431769	2017435381	2018202037	2018202478
2018207854	2018210008	2018225650	2018237067
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2018262258	2018262489	2018264223	2018270296
2018279271	2018283053	2018284843	2018288953
2018309611	2018311287	2018315154	2018321976
2018322498	2018330578	2018334389	2018337476
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2018355020	2018355031	2018399610	2018443332
2018445624	2018452712	2019200886	2019203635
2019210207	2019236628	2019243004	2019246538
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2019270089	2019280476	2019293104	2019345912
2019356914	2019370810	2019374439	2019406321
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2020206477	2020206957	2020210285	2020210990
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2021227418	2021258055	2022200615	2022204688

Innovation Patents

2020104488 2023100012 2023100013

Assignments Registered

2006287623 Lander, Kirt The patent has been assigned to **Big Brain Holdings, Inc.**

2008281227 Tasly Pharmaceutical Group Co., Ltd. The patent has been assigned to **Guangdong Zhongyitang Technology Co., Ltd**

Assignments Registered

2009207446 Toon, John The patent has been assigned to **Nautilus Hooks Limited**

2010295636 Lander, Kirt The patent has been assigned to **Big Brain Holdings, Inc.**

2012307089 HERBERT, JULIE The patent has been assigned to **HERBERT, JULIE; O'Connor, Lee**

2014201403 LANDER, Kirt The patent has been assigned to **Big Brain Holdings, Inc.**

2014349001 Cooper Tire & Rubber Company The patent has been assigned to **The Goodyear Tire & Rubber Company**

2016401691 IH IP Holdings Limited The patent has been assigned to **IHJ Holdings Ltd.**

2017237256 Lander, Kirt The patent has been assigned to **Big Brain Holdings, Inc.**

2018234267 ARK Agriculture Limited The patent has been assigned to **Silostop Agri Limited**

2021102523 Trudgett, Christopher Allan The patent has been assigned to **Camps Worldwide Pty Limited**

2021106557 Buckle Lock Pty Ltd The patent has been assigned to **Pingali, Bhramanand**

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Extensions granted

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

2003209447 **Immunomedics, Inc.**

The earliest first regulatory approval date provided by the patentee 06 Sep 2021

For the goods TRODELVY sacituzumab govitecan

Extension of Term of patent pursuant to Section 77 expires on 03 Mar 2028

2012206431 **UCB Biopharma SRL**

The earliest first regulatory approval date provided by the patentee 24 Mar 2022

For the goods BIMZELX bimekizumab

Extension of Term of patent pursuant to Section 77 expires on 11 Jan 2037

Corrigenda

In Vol 57 , No 7 , Page(s) 1020 under the heading **Amendments - Application for Amendments** Delete all reference to 2013245619.

In Vol 57 , No 7 , Page(s) 1020 under the heading **Amendments - Amendments Made** Delete all reference to 2018242612.

In Vol 57 , No 7 , Page(s) 1053 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name BRAIN Biotech AG, Application No. 2021311773, under INID (72) correct the co-inventors to SCHOLZ, Paul; KROHN, Michael

In Vol 57 , No 7 , Page(s) 1074 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name

Corrigenda

Metagenics, Inc., Application No. 2021311810, under INID (71) correct the applicant name to Metagenics LLC

In Vol 57 , No 7 , Page(s) 1075 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name NADIANBIO Ltd., Application No. 2021305584, under INID (72) remove the co-inventor KIM, Hyung Jin

In Vol 57 , No 7 , Page(s) 1086 under the heading **PCT applications that have entered the National Phase - Name Index** Under the names Southern Research Institute; Pinotbio, Inc., Application No. 2021314329, under INID (54) correct the title to read Polymorphs of 5-aza-4'-thio-2'-deoxycytidine

In Vol 57 , No 8 , Page(s) 1225 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Gtinvent Limited, Application No. 2021303517, Under INID (72) add co-inventor HARRINGTON, Charles Robert

In Vol 57 , No 8 , Page(s) 1247 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Res Polyflow LLC, Application No. 2021335231, Under INID (72) add co-inventor SCHWARZ, Richard A.

In Vol 57 , No 8 , Page(s) 1253 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name SWM Luxembourg s.a.r.l., Application No. 2021312699, under INID (71) correct the applicant name to SWM Luxembourg.

In Vol 57 , No 8 , Page(s) 1285 under the heading **Applications Accepted - Name Index** Delete all reference to 2020412203.

Specifications Republished

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

2017375496	The Brigham and Women's Hospital, Inc.
2018341551	The Commonwealth of Australia
2020209692	Bunka Shutter Co., Ltd.
2020458911	Talleres Ruiz S.A.
2021229167	Apple Inc.
2021296605	Amunix Pharmaceuticals, Inc.
2021298211	Net Zero Projects Limited
2021307552	Navigo Proteins GmbH