



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 -

AUSTRALIAN OFFICIAL JOURNAL OF PATENTS (Supplement) 2 March 2023

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

Qingdao Bellinturf Industrial Co., Ltd v CoCreation Grass Co., Ltd [2023] APO 11

Patent Application: 2017414195

Title: Entirely recoverable artificial turf and manufacturing method thereof

Patent Applicant: CoCreation Grass Co., Ltd

Opponent: Qingdao Bellinturf Industrial Co., Ltd

Delegate: S.E. Howard

Decision Date: 15 February 2023

Hearing Date: No written submissions were filed by either party

Catchwords: PATENTS – opposition to the grant of patent – s 59 – clear enough and complete enough disclosure – clarity – claims are clear – support – claims are supported – novelty – claims are novel – inventive step – claims are inventive – subsection 60(3) – opposition unsuccessful on all grounds.

Representation: Patent attorney for the applicant: Remarkable IP
Patent attorney for the opponent: Baxter Patent Attorneys Pty Ltd

AUSTRALIAN OFFICIAL JOURNAL OF PATENTS (Supplement) 2 March 2023

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

Accenture Global Services Limited [2023] APO 10

Patent Application: 2019204134

Title: Future Order Throttling

Patent Applicant: Accenture Global Services Limited

Delegate: Dr V. Z. Kolev

Decision Date: 14 February 2023

Hearing Date: Written submissions filed on 16 February 2022

Catchwords: PATENTS – sections 45 and 49 – hearing with respect to examiner’s objection – manner of manufacture – managing user’s orders for food and beverage placed over the Internet – real time delivery of an ordered item – providing order suggestions to the user – determining and using intelligent queueing information in the fulfillment of food and beverage orders – business innovation – the claimed invention is not a manner of manufacture – no patentable subject matter described in the specification – application refused

Representation: Patent attorney for the applicant: Murray Trento & Associates Pty Ltd

AUSTRALIAN OFFICIAL JOURNAL OF PATENTS (Supplement) 2 March 2023

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

SHL Medical AG – Switzerland v Sanofi-Aventis Deutschland GmbH [2023] APO 12

Patent Application: 2016269707

Title: Syringe support and autoinjector

Patent Applicant: Sanofi-Aventis Deutschland GmbH

Opponent: SHL Medical AG – Switzerland

Delegate: Pradnya Satarkar

Decision Date: 17 February 2023

Hearing Date: Written submissions filed on 1 July 2022

Catchwords: PATENTS - extension of time to file evidence in answer - regulation 5.9 - whether applicant has made all reasonable efforts to meet filing requirements - whether applicant has acted promptly and diligently - whether circumstances beyond control - extension allowed

Representation: Patent attorney for the applicant: Griffith Hack

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 14 Feb 2023 .

(71) A & K BUILDING CO. PTY. LIMITED (21) 2023900414 (22) 20.02.2023 (54) Heat Exchanger for a Shower	(71) Bancroft, S. (21) 2023900390 (22) 16.02.2023 (54) MARINE SEARCH AND RESCUE DEVICE AND METHOD	(71) Cook Medical Technologies LLC (21) 2023900381 (22) 16.02.2023 (54) AN ENDOGRAFT DELIVERY DEVICE ASSEMBLY HAVING A LINEAR RATCHET
(71) AdvanCell Isotopes Pty Limited (21) 2023900421 (22) 20.02.2023 (54) Radioisotope source	(71) BIEDAK, M. (21) 2023900404 (22) 17.02.2023 (54) Children's Orthotic and Shoe System	(71) Davey, B. (21) 2023900399 (22) 17.02.2023 (54) IMPROVED SUPPORTIVE BRA
(71) Alterca Investments Pty Ltd (trading as IPI Australia) (21) 2023900364 (22) 15.02.2023 (54) Housing Access Cover Plate	(71) Bucceri, A. (21) 2023900367 (22) 15.02.2023 (54) Remote Snow making apparatus for a multi-functional snow making machine.	(71) Davidson, N. (21) 2023900363 (22) 15.02.2023 (54) LOCKING ARRANGEMENT FOR PAN- ELS
(71) Amplia Therapeutics Limited (21) 2023900354 (22) 14.02.2023 (54) Combination therapy	(71) CARR, A. (21) 2023900410 (22) 17.02.2023 (54) APPARATUS FOR SUPPORTING SLOW COMBUSTION HEATER FUEL AND ENABLING FEEDING SUCH FUEL INTO THE HEATER	(71) Decoda Digital Services Pty Ltd (21) 2023900428 (22) 20.02.2023 (54) Ground Hazard Detection
(71) Antisense Therapeutics Ltd (21) 2023900376 (22) 16.02.2023 (54) Biomarkers and uses thereof	(71) Chisholm, J. (21) 2023900357 (22) 14.02.2023 (54) PRECIOUS METAL FUNGIBLE TOKENS	Dexter Chi Lun CHEUNG see Margaret Shi LU (21) 2023900374
(71) Audentes Implant Bridge Pty Ltd (21) 2023900401 (22) 17.02.2023 (54) A DENTAL PROSTHESIS APPARATUS AND SYSTEM	(71) Clarity Pharmaceuticals Ltd (21) 2023900356 (22) 14.02.2023 (54) Methods for the detection and diagnos- is of cancers associated with overex- pression of PSMA	(71) Dhatom Pty Ltd (21) 2023900432 (22) 20.02.2023 (54) Universal Digital Rights Management Protection for Information for All Media Types and for all Networks Including Edge Based Delivery
(71) AusHealth Corporate Pty Ltd (21) 2023900427 (22) 20.02.2023 (54) METHOD OF TREATMENT	(71) ClearVue Technologies Ltd (21) 2023900352 (22) 14.02.2023 (54) A WINDOW UNIT FOR A BUILDING OR STRUCTURE	(71) Digney, D. (21) 2023900431 (22) 20.02.2023 (54) Hydrogen Jet Engine Calciner
(71) Australasian Pork Research Institute Ltd (21) 2023900426 (22) 20.02.2023 (54) ANIMAL SUPPLEMENT AND USES THEREOF	(71) Cobber International Trading Pty Ltd (21) 2023900413 (22) 20.02.2023 (54) FASTENER INSERTION DEVICE HAV- ING TRANSITIONING COLLAR	(71) Dinale, J. (21) 2023900384 (22) 16.02.2023 (54) Ice Bath Bin
(71) BAE Systems Australia Limited (21) 2023900373 (22) 16.02.2023 (54) An aircraft with a tiltable fuselage body		(71) Dinale, J. (21) 2023900412 (22) 18.02.2023 (54) Cold exposure tub

Provisional Applications Filed - Name Index cont'd

(71) Donaghys Limited; Yeritsyan, K.
(21) 2023900419 (22) 20.02.2023
(54) SEED COMPOSITION AND RELATED METHODS OF MANUFACTURE AND USE

(71) Drift
(21) 2023900372 (22) 15.02.2023
(54) The use of calcite-based coralline macroalgae (seaweed) to create construction materials and sequester carbon

(71) Dukesea Pty Ltd
(21) 2023900423 (22) 20.02.2023
(54) A LIGHTING ASSEMBLY AND A METHOD OF ASSEMBLING A LIGHTING ASSEMBLY

(71) Dunlop, C.
(21) 2023900385 (22) 16.02.2023
(54) SET OF VETERINARY NON-INVASIVE BLOOD PRESSURE CUFFS

(71) DZZZ Pty Ltd
(21) 2023900361 (22) 15.02.2023
(54) Automatic configuration of a virtual environment

Eglantine Penelope Mary LAYEC see Margaret Shi LU
(21) 2023900374

(71) Fernando, N.; Moore, N.
(21) 2023900395 (22) 17.02.2023
(54) A wearable patient vital sign monitoring system

(71) Fisher & Paykel Healthcare Limited
(21) 2023900383 (22) 16.02.2023
(54) PATIENT MONITORING METHOD AND SYSTEM

(71) Green Shadows Pty Ltd
(21) 2023900366 (22) 15.02.2023
(54) A PROCESS

(71) Hayes, M.
(21) 2023900378 (22) 16.02.2023
(54) An inclined push-up exercise grip

(71) Heatmaster Pty Ltd
(21) 2023900355 (22) 14.02.2023
(54) Decorative Flame Effect Heater

Howard Kuo-Hao CHIU see Margaret Shi LU
(21) 2023900374

(71) Hydrobe Pty Ltd
(21) 2023900393 (22) 16.02.2023
(54) Culturing Phototrophic Organisms

(71) Hysential Pty Ltd
(21) 2023900424 (22) 20.02.2023
(54) Tissue dispenser

(71) ICM Airport Technics Pty Ltd
(21) 2023900391 (22) 16.02.2023
(54) AUTOMATED FACIAL DETECTION WITH ANTI-SPOOFING

(71) Incitec Fertilizers Pty Limited
(21) 2023900365 (22) 15.02.2023
(54) An Inhibitor for use in agriculture

(71) Innovative Mining Services (Aust) Pty Ltd
(21) 2023900405 (22) 17.02.2023
(54) NOZZLE

(71) john ross, t.
(21) 2023900351 (22) 14.02.2023
(54) Protection of salt exposed assets by application of clear gel.

(71) Kennedy Enterprises Group
(21) 2023900345 (22) 13.02.2023
(54) Speargun

(71) Keys, B.; Waddell, C.
(21) 2023900350 (22) 14.02.2023
(54) Odour control system

(71) Kinetic Energy Generation Systems Pty Ltd
(21) 2023900403 (22) 17.02.2023
(54) Industrial energy converter

(71) Krypton Arc Pty Ltd
(21) 2023900406 (22) 17.02.2023
(54) Electronic system

(71) Lava Blue Ltd
(21) 2023900349 (22) 14.02.2023
(54) A method for producing a doped metal oxide material

(71) Lay, P.
(21) 2023900375 (22) 16.02.2023
(54) SYSTEM AND METHOD TO ASSIST USERS WITH EVENT RESERVATIONS

(71) Lindsay, D.
(21) 2023900411 (22) 18.02.2023
(54) Device to unload an object from a carrying device

(71) Margaret Shi LU; Dexter Chi Lun CHEUNG; Howard Kuo-Hao CHIU; Thomas Heinrich BARNES; Eglantine Penelope Mary LAYEC
(21) 2023900374 (22) 16.02.2023
(54) Apparatus for supplying fluid to a tissue area

MEADER, C. see MEADER, K.
(21) 2023900368

(71) MEADER, K.; MEADER, C.
(21) 2023900368 (22) 15.02.2023
(54) HAND OPERATED POWER TOOL INCLUDING USER SUPPORT FRAME AND HARNESS.

(71) Metasense Pty Ltd
(21) 2023900402 (22) 17.02.2023
(54) Environmental risk monitoring and mitigation

(71) Minor Figures Limited
(21) 2023900433 (22) 20.02.2023
(54) Liquid Packaging Devices and Products

(71) Monash University
(21) 2023900379 (22) 16.02.2023
(54) Antibodies for binding CCR6

Moore, N. see Fernando, N.
(21) 2023900395

(71) MORSE MICRO PTY. LTD.
(21) 2023900387 (22) 16.02.2023
(54) Methods and devices of clear medium calibration coordination

(71) MULTIBUY PTY LTD
(21) 2023900397 (22) 17.02.2023
(54) Load Sense Drum Dock with Hinged Vacuum Motor

(71) Myrio Therapeutics Pty Ltd
(21) 2023900400 (22) 17.02.2023
(54) BINDING AGENTS FOR IGFBPL1 PEPTIDE-MHC COMPLEX

(71) NanoW2E IP Pty Ltd
(21) 2023900407 (22) 17.02.2023
(54) A Waste Conversion Method

(71) Natural Corporation Pty Ltd
(21) 2023900371 (22) 15.02.2023
(54) Harness

Provisional Applications Filed - Name Index cont'd

(71) niumeitolu, v.
(21) 2023900394 (22) 17.02.2023
(54) Hydropower Plant

(71) NTHALMIC HOLDING PTY LTD
(21) 2023900415 (22) 20.02.2023
(54) A Contact Lens for Myopia Management

(71) NTHALMIC HOLDING PTY LTD
(21) 2023900416 (22) 20.02.2023
(54) A Multi-Zone Spectacle Lens for Myopia Management

(71) NTHALMIC HOLDING PTY LTD
(21) 2023900417 (22) 20.02.2023
(54) A Spectacle Lens for Myopia

(71) Optex Solar Pty Ltd
(21) 2023900386 (22) 16.02.2023
(54) Device for distributing water onto and compressing a mass of coffee grounds, a coffee machine and method of making coffee

(71) Oprix Pty Ltd
(21) 2023900362 (22) 15.02.2023
(54) Data processing system and method

(71) Ostrom Polymers Pty Ltd.
(21) 2023900418 (22) 20.02.2023
(54) Polymer Composites

(71) Over 3 Oceans Pty Ltd
(21) 2023900389 (22) 16.02.2023
(54) MARINE VESSEL DISPLACEMENT MEASURING SYSTEM AND METHOD

(71) OYO Pty Ltd
(21) 2023900437 (22) 21.02.2023
(54) A digital inkjet printer ink recapturing system

(71) Playa One Pty Ltd
(21) 2023900392 (22) 16.02.2023
(54) A Method For The Preparation Of Alumina

(71) Psylo Pty Ltd
(21) 2023900353 (22) 14.02.2023
(54) Compounds

(71) Punchbowl Packaging Ltd
(21) 2023900420 (22) 20.02.2023
(54) A Tube Packaging, Manufacturing Process and Manufacturing Apparatus

(71) Punchbowl Packaging Ltd
(21) 2023900422 (22) 20.02.2023
(54) A Tube Packaging, Manufacturing Process and Manufacturing Apparatus

(71) Randall, B.
(21) 2023900388 (22) 16.02.2023
(54) FISHING DEVICE

(71) Rollease Acmeda, Inc.
(21) 2023900360 (22) 15.02.2023
(54) Chain Operation System

(71) SAPKOTA, N.
(21) 2023900369 (22) 15.02.2023
(54) CVCHAIN

(71) SDH Australia Pty Ltd
(21) 2023900370 (22) 15.02.2023
(54) Comminution Device

(71) Simpson, R.
(21) 2023900359 (22) 15.02.2023
(54) A clothes peg

(71) SMA Marketing Pty Ltd
(21) 2023900409 (22) 17.02.2023
(54) System and Method for Predicting the Maturity and Quality of Watermelons

(71) Smartray Pty Ltd
(21) 2023900425 (22) 20.02.2023
(54) Medical imaging apparatus, system and method

(71) Stan-Bishop, N.
(21) 2023900380 (22) 16.02.2023
(54) Strap winder and associated control

(71) Stiles, I.
(21) 2023900398 (22) 17.02.2023
(54) LOCKING APPARATUS

(71) Stuart & Melinda Investments Pty Ltd
(21) 2023900377 (22) 16.02.2023
(54) Display Device

(71) Surestyle Group Limited
(21) 2023900382 (22) 16.02.2023
(54) A Connection Member

(71) THE UNIVERSITY OF ADELAIDE
(21) 2023900396 (22) 17.02.2023
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(71) Tillack, A.
(21) 2023900408 (22) 17.02.2023
(54) An internal garment pocket securing device

(71) Vet Med IP Pty Ltd
(21) 2023900429 (22) 20.02.2023
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(71) Williams, L.
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(54) Safe Dose

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(71) ZETCO VALVES PTY LTD
(21) 2023900348 (22) 14.02.2023
(54) Water Valve for Vanity Units and the like

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Applications listed below were processed through the Patent Office Canberra during the period ending 14 Feb 2023 .

. (*) Title not in Roman characters

. (**) Title not given

<hr/> <p>(71) 4D Pharma Research Limited (21) 2023200562 (22) 03.02.2023 (54) COMPOSITIONS COMPRISING BACTERIAL STRAINS (62) 2019267171</p> <hr/> <p>(71) 4WEB, INC. (21) 2023200653 (22) 07.02.2023 (54) Implants having bone growth promoting agents contained within biodegradable materials (62) PCT/US2021/040939</p> <hr/> <p>ACCESS TO ADVANCED HEALTH INSTITUTE see University of Virginia Patent Foundation (21) 2023200515</p> <hr/> <p>(71) Adobe Inc. (21) 2023200526 (22) 01.02.2023 (54) IMMERSNET: A GENERATIVE MODEL FOR EXTRAPOLATING 360° PANORAMAS FROM NARROW FIELD OF VIEW IMAGE (31) 63/326,661 (32) 01.04.22 (33) US</p> <hr/> <p>(71) Adobe Inc. (21) 2023200647 (22) 07.02.2023 (54) PARTIAL DEPTH ORDERING WITH VECTOR INTERLACING (31) 17/719,847 (32) 13.04.22 (33) US</p> <hr/> <p>(71) AdvanSix Resins & Chemicals LLC (21) 2023200582 (22) 03.02.2023 (54) Methods and compositions for polyurethane dispersions using caprolactam-derived solvents (62) 2021203814</p> <hr/> <p>(71) AFL Telecommunications LLC (21) 2023200505 (22) 31.01.2023 (54) Cable mounting clamps (62) 2018400487</p> <hr/> <p>(71) AgeX Therapeutics, Inc. (21) 2023200525 (22) 01.02.2023 (54) Methods for the re-derivation of diverse pluripotent stem cell-derived brown fat cells (62) 2016366158</p> <hr/>	<p>(71) Akron S.A. (21) 2023200610 (22) 06.02.2023 (54) EXPANDABLE STRUCTURE FOR ASSEMBLY OF THE SILAGE BAG IN A BAGGING MACHINE (31) 2022 0100359 (32) 21.02.22 (33) AR</p> <hr/> <p>(71) Allegro Pharmaceuticals, Inc. (21) 2023200742 (22) 10.02.2023 (54) INTEGRIN RECEPTOR ANTAGONISTS AND THEIR METHODS OF USE (62) 2020250268</p> <hr/> <p>(71) Altech Chemicals Australia Pty Ltd (21) 2023200737 (22) 10.02.2023 (54) A Method for the Preparation of Smelter Grade Alumina (62) 2021201653</p> <hr/> <p>(71) AME Pty Ltd (21) 2023200587 (22) 03.02.2023 (54) Compensated Elevator Link (62) 2020277248</p> <hr/> <p>(71) Amgen Inc. (21) 2023200660 (22) 08.02.2023 (54) Direct selection of cells expressing high levels of heteromeric proteins using glutamine synthetase intragenic complementation vectors (62) 2017263454</p> <hr/> <p>(71) Anbio Biotechnology Limited; WANG, J. (21) 2023200676 (22) 08.02.2023 (54) MICRO RED BLOOD CELL COLLECTION DEVICE AND METHOD FOR COLLECTING AND DETECTING GLYCOSYLATED HEMOGLOBIN (31) 18/093,899 (32) 06.01.23 (33) US</p> <hr/> <p>(71) Anbio Biotechnology Limited; WANG, J. (21) 2023200679 (22) 08.02.2023 (54) DISPOSABLE PORTABLE LAMP DETECTION MAGNETIC BOX AND ITS CONSTANT TEMPERATURE HEATING DEVICE (31) 18/093,901 (32) 06.01.23 (33) US</p> <hr/> <p>(71) Anduril Industries, Inc. (21) 2023200510 (22) 31.01.2023 (54) Aerial Vehicle with deployable components (62) 2022211805</p> <hr/>	<hr/> <p>(71) Angel Group Co., Ltd. (21) 2023200512 (22) 31.01.2023 (54) MANAGEMENT SYSTEM (31) 2022-014290 (32) 01.02.22 (33) JP</p> <hr/> <p>(71) Apple Inc. (21) 2023200607 (22) 06.02.2023 (54) User interface for camera effects (62) 2021290292</p> <hr/> <p>(71) Apple Inc. (21) 2023200732 (22) 10.02.2023 (54) Adaptive transfer function for video encoding and decoding (62) 2021204255</p> <hr/> <p>(71) Applied Medical Resources Corporation (21) 2023200646 (22) 07.02.2023 (54) Surgical stapler having locking articulation joint (62) 2021200206</p> <hr/> <p>(71) Arbutus Biopharma Corporation (21) 2023200568 (22) 03.02.2023 (54) Novel lipids and compositions for the delivery of therapeutics (62) 2021277589</p> <hr/> <p>(71) Arcosysem SPA (21) 2023200518 (22) 01.02.2023 (54) CRANIOFACIAL IMPLANT MADE OF POLYETHER ETHER KETONE (PEEK) WITH DEPOSITS TO STORE AND RELEASE ACTIVE SUBSTANCES OR ACTIVE INGREDIENT (31) 63/367,226 (32) 29.06.22 (33) US 202201955 20.07.22 CL</p> <hr/> <p>(71) Argenta Manufacturing Limited; WIN, S.; DEVARAJ, G. (21) 2023200668 (22) 08.02.2023 (54) Chewable formulation (62) 2020277251</p> <hr/> <p>Astellas Pharma Inc. see TRON-Translationale Onkologie an der Universitätsmedizin der Johannes-Gutenberg Universität Mainz gemeinnützige GmbH (21) 2023200682</p> <hr/>
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(71) Atom Jet Industries (2002) Ltd.
 (21) 2023200509 (22) 31.01.2023
 (54) Winged and Angularly Adjustable
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 (31) 63/314,804 (32) 28.02.22 (33) US

(71) Atos SE; Degremont
 (21) 2023200567 (22) 03.02.2023
 (54) CONTROL OF ACCESS TO THE
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 (62) 2016210060

(71) Austworld Commodities Pty Ltd
 (21) 2023200632 (22) 07.02.2023
 (54) A SHOWER RAIL AND A SHOWER
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(71) Axon Enterprise, Inc.
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(71) BEA SA
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(71) Beijing Baidu Netcom Science Techno-
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 (21) 2023200552 (22) 03.02.2023
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 (31) 202210587477.9 (32) 25.05.22 (33) CN

(71) Beijing Baidu Netcom Science Techno-
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 (31) 202210129160.0 (32) 11.02.22 (33) CN

(71) Berkshire Renewable Energy Pty Ltd
 (21) 2023200575 (22) 03.02.2023
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(71) Beth Israel Deaconess Medical Center,
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 (21) 2023200521 (22) 01.02.2023
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(71) BEUMER Group GmbH & Co. KG
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(71) Bibo Barmaid LLC
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 (54) Cold beverage dispenser and cutter as-
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 (62) 2017228423

(71) BioMarin Pharmaceutical Inc.
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 (62) 2016298425

(71) BISSELL Inc.
 (21) 2023200504 (22) 31.01.2023
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(71) Black & Decker Inc.
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 (62) 2021200782

(71) Block, Inc.
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(71) BlueScope Steel Limited
 (21) 2023200715 (22) 09.02.2023
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(71) Boehringer Ingelheim Animal Health
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 (62) 2020246265

(71) BXB Digital Pty Limited
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(71) CaaMTech, LLC
 (21) 2023200605 (22) 06.02.2023
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(71) Cala Health, Inc.
 (21) 2023200595 (22) 06.02.2023
 (54) Systems and methods for treating car-
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 (62) 2017315764

(71) Canon Kabushiki Kaisha
 (21) 2023200570 (22) 03.02.2023
 (54) Cartridge, member constituting cart-
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 (62) 2020289742

(71) Carrier Corporation
 (21) 2023200627 (22) 07.02.2023
 (54) System and method for non-linear sig-
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(71) Carter-Hoffmann, LLC
 (21) 2023200513 (22) 01.02.2023
 (54) Door movement system for cabinet
 (62) 2022204615

(71) Carter-Hoffmann, LLC
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(71) Casale SA
 (21) 2023200551 (22) 02.02.2023

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(54) Method for producing solid urea by granulation

(62) 2020267178

(71) Case Western Reserve University

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(54) Subthreshold Direct Current (DC) Nerve Conduction Block After Suprathreshold "Priming"

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(54) METHODS OF PREDICTING PROGRESSION OF BARRETT'S ESOPHAGUS

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(71) CFPH, LLC

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(54) GAME AT CASH REGISTER

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(71) Checkpoint Systems, Inc.

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(54) VIRTUAL SHIELDING SYSTEM AND METHOD FOR INVENTORY TRACKING

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(71) ChemoCentryx, Inc.

(21) 2023200565 (22) 03.02.2023

(54) Macrocyclic immunomodulators

(62) 2018313744

(71) chen, x.

(21) 2023200650 (22) 07.02.2023

(54) A recipe and method of chili sauce

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(71) CleanSite Medical, Inc.

(21) 2023200581 (22) 03.02.2023

(54) Single use caps and covers for vascular access devices, and kits and methods for using the same

(62) 2020383515

(71) Commonwealth Scientific and Industrial Research Organisation

(21) 2023200522 (22) 01.02.2023

(54) Clock synchronisation

(31) 2022901753 (32) 24.06.22 (33) AU

(71) Commonwealth Scientific and Industrial Research Organisation; University of Georgia Research Foundation, Inc.

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(54) Production of viruses in cell culture

(62) 2016361455

(71) Cornell Pump Company LLC

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(54) Self-recharging stand-alone monitoring system

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(71) Corteva Agriscience LLC

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(21) 2023200593 (22) 06.02.2023

(54) Articulating surgical stapling apparatus with pivotable knife bar guide assembly

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(71) DAI, A.

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(54) METHOD FOR GREATLY REDUCING SULPHATE CONTENT IN VARIOUS LEVELS OF LITHIUM CARBONATE IN SPODUMENE SULFURIC ACID METHOD

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(71) Decathlon

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(62) 2020277295

(71) Deere & Company

(21) 2023200503 (22) 31.01.2023

(54) Predictive implement height control

(31) 17/689,349 (32) 08.03.22 (33) US

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(71) Dejero Labs Inc.

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(54) Packet transmission system and method

(62) 2017383561

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(21) 2023200668

(71) Dexcom, Inc.

(21) 2023200730 (22) 10.02.2023

(54) Distributed system architecture for continuous glucose monitoring

(62) 2021203387

(71) Dolby International AB

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(54) Backward-compatible integration of harmonic transposer for high frequency reconstruction of audio signals

(62) 2021215249

(71) Earth Science Laboratories Pty Ltd

(21) 2023200534 (22) 02.02.2023

(54) PROCESS FOR AQUEOUS EXTRACTION OF COMPOUNDS FROM PLANT MATERIAL

(31) 2022901915 (32) 08.07.22 (33) AU

(71) Edwards Lifesciences Corporation

(21) 2023200569 (22) 03.02.2023

(54) Heart valve docking coils and systems

(62) 2017314943

(71) Edwards Lifesciences Corporation

(21) 2023200645 (22) 07.02.2023

(54) Deployment systems, tools, and methods for delivering an anchoring device for a prosthetic valve

(62) 2017378495

(71) Einhell Germany AG

(21) 2023200606 (22) 06.02.2023

(54) PROJECT SUPPORT IN USING AN ELECTRIC APPLIANCE WITH A BATTERY PACK

(31) 10 2022 103 305.8 (32) 11.02.22 (33) DE

(71) Electrolux Appliances Aktiebolag

(21) 2023200528 (22) 02.02.2023

(54) INDUCTION COOKING HOB AND METHOD FOR CHECKING AN OPTIMAL POSITION OF A COOKING POT ON THE INDUCTION COOKING HOB

(62) 2017345017

(71) ENSID HOLDINGS LIMITED

(21) 2023200577 (22) 03.02.2023

(54) Implanter

(31) 784908 (32) 04.02.22 (33) NZ

(71) Equinor Energy AS

(21) 2023200667 (22) 08.02.2023

(54) Gas compressor cleaning

(62) 2018209887

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(71) ESCO Group LLC
(21) 2023200751 (22) 10.02.2023
(54) Wear assembly
(62) 2019372330

(71) Eyesafe Inc.
(21) 2023200705 (22) 09.02.2023
(54) LIGHT EMISSION MODIFICATION
(62) 2020392315

(71) Faresin Industries S.p.a.
(21) 2023200559 (22) 03.02.2023
(54) Process and Apparatus for Mixing a
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(31) 22155569.1 (32) 08.02.22 (33) EP

(71) Fisher & Paykel Healthcare Limited
(21) 2023200651 (22) 07.02.2023
(54) PRESSURIZING MASKS, SYSTEMS
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(62) 2021203341

(71) Fisher & Paykel Healthcare Limited
(21) 2023200654 (22) 07.02.2023
(54) TRACHEOSTOMY GUARD
(62) 2021218118

(71) Fisher & Paykel Healthcare Limited
(21) 2023200664 (22) 08.02.2023
(54) PATIENT INTERFACE AND ASPECTS
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(62) 2021200867

(71) Fisher & Paykel Healthcare Limited
(21) 2023200673 (22) 08.02.2023
(54) FLOW THERAPY SYSTEM AND
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(62) 2018248113

(71) Fisher & Paykel Healthcare Limited
(21) 2023200714 (22) 09.02.2023
(54) HEADGEAR ASSEMBLIES AND
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(62) 2020286321

(71) FISHER & PAYKEL HEALTHCARE
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(21) 2023200686 (22) 08.02.2023
(54) PATIENT INTERFACES WITH CON-
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(62) 2021202193

(71) FISHER & PAYKEL HEALTHCARE
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(54) CONTROL OF HUMIDIFIER CHAM-
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(62) 2020203276

(71) Fisher and Paykel Healthcare Limited
(21) 2023200519 (22) 01.02.2023
(54) Sensing arrangements for medical
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(62) 2017371480

(71) Galera Labs, LLC
(21) 2023200738 (22) 10.02.2023
(54) Pentaaza macrocyclic ring complexes
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(62) 2020289730

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(21) 2023200666

(71) Gen-Probe Incorporated
(21) 2023200746 (22) 10.02.2023
(54) Dried compositions containing flap en-
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(62) 2018270296

(71) Getac Technology Corporation
(21) 2023200637 (22) 07.02.2023
(54) Wireless Signal Receiving Circuit And
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(31) 63/351,425 (32) 12.06.22 (33) US

(71) Getac Technology Corporation
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(54) Back Cover Heat Dissipation Structure
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(31) 63/351,425 (32) 12.06.22 (33) US

(71) Getac Technology Corporation
(21) 2023200640 (22) 07.02.2023
(54) Rugged Plug And Unplugging Method
Thereof
(31) 63/388,980 (32) 13.07.22 (33) US

(71) Getac Technology Corporation
(21) 2023200641 (22) 07.02.2023
(54) Vehicle Power Supply Circuit Monitor-
ing System And Vehicle Power Supply
Circuit Monitoring Method
(31) 202211260592.1 (32) 14.10.22 (33) CN

(71) Getac Technology Corporation
(21) 2023200643 (22) 07.02.2023
(54) Heat Dissipation Device And Control
Method Thereof
(31) 202211317137.0 (32) 26.10.22 (33) CN

(71) Gilead Sciences, Inc.
(21) 2023200603 (22) 06.02.2023
(54) Solid forms of a toll-like receptor modu-
lator
(62) 2020260075

(71) Globoide, Inc.
(21) 2023200622 (22) 07.02.2023

(54) FISHING SPINNING REEL
(31) 2022-045008 (32) 22.03.22 (33) JP

(71) Globoide, Inc.
(21) 2023200623 (22) 07.02.2023
(54) FISHING REEL
(31) 2022-057882 (32) 31.03.22 (33) JP

(71) Globoide, Inc.
(21) 2023200624 (22) 07.02.2023
(54) FISHING SPINNING REEL
(31) 2022-057881 (32) 20.02.22 (33) JP

(71) Globoide, Inc.
(21) 2023200625 (22) 07.02.2023
(54) FISHING REEL
(31) 2022-057880 (32) 31.03.22 (33) JP

(71) Globoide, Inc.
(21) 2023200626 (22) 07.02.2023
(54) FISHING SPINNING REEL
(31) 2022-057879 (32) 31.03.22 (33) JP

(71) Goldmine World, Inc. d/b/a World Bank-
card Services
(21) 2023200533 (22) 02.02.2023
(54) Method and apparatus for multi-lan-
guage user selection and currency con-
version
(62) 2020230236

(71) Gordon Brothers Industries Pty Ltd
(21) 2023200599 (22) 06.02.2023
(54) A cooling system
(31) 2022900216 (32) 04.02.22 (33) AU

(71) Grand Performance Online Pty Ltd
(21) 2023200704 (22) 09.02.2023
(54) Autonomous and integrated system,
method and computer program for dy-
namic optimisation and allocation of re-
sources for defined spaces and time
periods
(62) 2021201615

(71) Habitat Innovation and Management
Pty Ltd
(21) 2023200571 (22) 03.02.2023
(54) ARTIFICIAL HABITAT FOR SMALL AN-
IMALS

(71) Halliburton Energy Services, Inc.
(21) 2023200734 (22) 10.02.2023
(54) Modular electromagnetic ranging sys-
tem for determining location of a target
well
(62) 2016425822

(71) HAVRILOV, A.; OVCHARYK, I.;
KHODAKOV, K.; PAVELKO, T.
(21) 2023200718 (22) 09.02.2023

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(54) A METHOD FOR PROTECTING A MAINS AGAINST A SUCCESSIVE ARC FAULT AND A DEVICE FOR PERFORMING THE CLAIMED METHOD
 (31) a202202297 (32) 04.07.22 (33) UA

(71) Hoelscher Technologies
 (21) 2023200630 (22) 07.02.2023
 (54) Hoelscher Technologies RT1

(71) Honey Badger International Pty Ltd; Rogers, G.
 (21) 2023200602 (22) 06.02.2023
 (54) ENERGY GENERATION LOAD COMPENSATION
 (62) 2020277226

(71) Horizon Global Americas Inc.
 (21) 2023200507 (22) 31.01.2023
 (54) COMMUNICATION DEVICE, SYSTEM, AND METHOD FOR ACTIVE CONTROL OF EXTERNAL VEHICLE COMPONENTS
 (62) 2017268129

(71) Howard, R.
 (21) 2023200578 (22) 03.02.2023
 (54) Bin lid locking mechanism
 (31) 2022900208 (32) 03.02.22 (33) AU

(71) Hunan Agricultural University; Hunan Vegetable Research Institute
 (21) 2023200540 (22) 02.02.2023
 (54) A Compound Bacterial Agent for Reducing Cadmium and its Application
 (31) 202210309221.1 (32) 28.03.22 (33) CN
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 (21) 2023200540

(71) Hunter Douglas, Inc.
 (21) 2023200696 (22) 09.02.2023
 (54) Architectural covering and method of manufacturing
 (62) 2017200574

(71) Idaho Asphalt Supply, Inc.
 (21) 2023200592 (22) 06.02.2023
 (54) Adjustable paving machine

(71) ImaginAb, Inc.
 (21) 2023200616 (22) 07.02.2023
 (54) Antigen binding constructs to target molecules
 (62) 2016304764

(71) Implantica Patent Ltd
 (21) 2023200558 (22) 03.02.2023

(54) Apparatus For Controlling Flow In A Bodily Organ
 (62) 2021201906

Inovio Pharmaceuticals, Inc. see The Trustees of the University of Pennsylvania
 (21) 2023200517

(71) Itron, Inc.
 (21) 2023200620 (22) 07.02.2023
 (54) Frequency-based distributed load disconnect
 (31) 17/709,110 (32) 30.03.22 (33) US

(71) Janssen Biotech, Inc.
 (21) 2023200719 (22) 09.02.2023
 (54) Engineered antibodies and other Fc-domain containing molecules with enhanced agonism and effector functions
 (62) 2017308590

(71) JANUSNET PTY LTD
 (21) 2023200580 (22) 03.02.2023
 (54) Architecture, Method and Apparatus for Enforcing Collection and Display of Computer File Metadata
 (62) 2021282427

(71) Jerez Group Pty Ltd
 (21) 2023200648 (22) 07.02.2023
 (54) Stackable Pots for Stairs

(71) Joy Global Underground Mining LLC
 (21) 2023200670 (22) 08.02.2023
 (54) Mining machine with articulating boom and independent material handling system
 (62) 2017313836

(71) JPMorgan Chase Bank, N.A.
 (21) 2023200741 (22) 10.02.2023
 (54) SYSTEMS AND METHODS FOR DEVICE AUTHENTICATION
 (62) 2017235228

(71) kaleo, Inc.
 (21) 2023200717 (22) 09.02.2023
 (54) DEVICES AND METHODS FOR DELIVERING A LYOPHILIZED MEDICAMENT
 (62) 2020244558

(71) Karl Leibinger Medizintechnik GmbH & Co. KG
 (21) 2023200684 (22) 08.02.2023
 (54) IMPLANT SYSTEM FOR TREATING BONE DEFECTS OR DISCONTINUITIES
 (31) 102022203561.5 (32) 08.04.22 (33) DE

(71) Kelcon Pty Ltd
 (21) 2023200584 (22) 03.02.2023
 (54) Access hole

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 (21) 2023200718

(71) Kobegosei Co.,Ltd.
 (21) 2023200532 (22) 02.02.2023
 (54) Aerosol detergent composition
 (62) 2021201984

(71) Kulteivat, Inc.
 (21) 2023200713 (22) 09.02.2023
 (54) RUBBER AND BY-PRODUCT EXTRACTION SYSTEMS AND METHODS
 (62) 2018312941

(71) Lee, W.
 (21) 2023200683 (22) 08.02.2023
 (54) Wall Cladding, Panel and Assembly
 (62) 2021219850

(71) LG Energy Solution, Ltd.
 (21) 2023200585 (22) 03.02.2023
 (54) Multilayer nanoporous separator
 (62) 2018346985

(71) Lincoln University
 (21) 2023200656 (22) 07.02.2023
 (54) IMPROVEMENTS IN AND RELATING TO EFFLUENT

(71) Linhai Weihong Christmas Lighting Co., Ltd.
 (21) 2023200663 (22) 08.02.2023
 (54) THREE-WIRE FOUR-WAY LED LAMP STRING
 (31) 2022233910544 (32) 18.12.22 (33) CN

(71) Lockheed Martin Energy, LLC
 (21) 2023200563 (22) 03.02.2023
 (54) Redox flow battery with floating power module under imbalanced charge conditions
 (31) 17/680,594 (32) 25.02.22 (33) US

(71) Luxweld
 (21) 2023200596 (22) 06.02.2023
 (54) Improvements in or relating to Skylights
 (31) 2022902124 (32) 28.07.22 (33) AU

(71) Magic Leap, Inc.
 (21) 2023200677 (22) 08.02.2023
 (54) System and method for augmented and virtual reality
 (62) 2021258005

Complete Applications Filed - Name Index cont'd

(71) Mallinckrodt Pharmaceuticals Ireland Limited
(21) 2023200638 (22) 07.02.2023
(54) USE AND MONITORING OF INHALED NITRIC OXIDE WITH LEFT VENTRICULAR ASSIST DEVICES
(62) 2017218391

(71) Massachusetts Institute of Technology
(21) 2023200711 (22) 09.02.2023
(54) SYSTEMS AND METHODS FOR PREVENTING, MITIGATING, AND/OR TREATING DEMENTIA
(62) 2018347870

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

(71) MDT Innovations Sdn Bhd
(21) 2023200721 (22) 09.02.2023
(54) ELECTRONIC DISPLAY APPARATUS AND METHOD
(31) PI2022000716 (32) 09.02.22 (33) MY

(71) MEDERIS DIABETES, LLC
(21) 2023200659 (22) 08.02.2023
(54) IMPROVED PEPTIDE PHARMACEUTICALS FOR INSULIN RESISTANCE
(62) 2020203609

(71) MedicalTree Patent Ltd
(21) 2023200561 (22) 03.02.2023
(54) Heart Help Device, System, and Method
(62) 2021201538

(71) MedicalTree Patent Ltd
(21) 2023200729 (22) 10.02.2023
(54) Surgical Assisting Device
(62) 2020239788

(71) Memorial Sloan-Kettering Cancer Center; Yeda Research and Development Co. Ltd.
(21) 2023200591 (22) 06.02.2023
(54) Combinational therapies for treatment of cancer comprising a bacteriochlorophyll derivative
(62) 2017250732

(71) Mercator Pty. Ltd.
(21) 2023200749 (22) 10.02.2023
(54) An Electrical System
(62) 2021205109

(71) Mitsubishi Electric Corporation
(21) 2023200550 (22) 02.02.2023
(54) REFRIGERATION CYCLE APPARATUS
(62) 2019452470

(71) Mitsubishi Tanabe Pharma Corporation
(21) 2023200728 (22) 10.02.2023
(54) Prevention or treatment method for peripheral neuropathy or pain accompanying disease in which peripheral neuropathy or astrocyte disorder is recognized
(62) 2019301336

(71) Monsanto Technology LLC
(21) 2023200634 (22) 07.02.2023
(54) Novel RNA-guided nucleases and uses thereof
(62) 2016334225

(71) Myovant Sciences GmbH
(21) 2023200731 (22) 10.02.2023
(54) Methods of treating female infertility
(62) 2017336338

(71) Nan Ya Plastics Corporation
(21) 2023200598 (22) 06.02.2023
(54) Multifunctional chair
(31) 111204731 (32) 09.05.22 (33) TW
2218251.3 05.12.22 GB

(71) Next2Sun GmbH
(21) 2023200555 (22) 03.02.2023
(54) PHOTOVOLTAIC SYSTEM AND ASSOCIATED USE
(62) 2017384503

(71) Nexwriter Limited
(21) 2023200573 (22) 03.02.2023
(54) Dynamic referencing of term definitions within a document
(62) 2021266282

(71) Ningbo Bronco Arts & Crafts Co., Ltd.
(21) 2023200511 (22) 31.01.2023
(54) FOOD STORAGE CONTAINER
(31) 202222220646.3 (32) 23.08.22 (33) CN

(71) Novartis AG
(21) 2023200724 (22) 10.02.2023
(54) NEW CRYSTALLINE FORMS OF A SUCCINATE SALT OF 7-CYCLOPENTYL-2-(5-PIPERAZIN-1-YL-PYRIDIN-2-YLAMINO)-7H-PYRROLO[2,3-D]PYRIMIDINE -6-CARBOXYLIC ACID DIMETHYLAMIDE
(62) 2020211071

(71) Ocado Innovation Limited
(21) 2023200693 (22) 08.02.2023
(54) Methods, systems and apparatus for controlling movement of transporting devices
(62) 2021209188

(71) Opko Ireland Global Holdings, Limited
(21) 2023200536 (22) 02.02.2023

(54) Methods of vitamin D treatment
(62) 2017253821

(71) Orbus Therapeutics, Inc.
(21) 2023200537 (22) 02.02.2023
(54) Compositions and methods for use of eflornithine and derivatives and analogs thereof to treat cancers, including gliomas
(62) 2017236646

(71) Orexplore AB
(21) 2023200523 (22) 01.02.2023
(54) Sample holder
(62) 2018215243

(71) Osmose Utilities Services, Inc.
(21) 2023200549 (22) 02.02.2023
(54) SYSTEMS AND METHODS FOR UTILITY POLE LOADING AND/OR CLEARANCE ANALYSES
(31) 17/591,988 (32) 03.02.22 (33) US

(71) Outotec (Finland) Oy
(21) 2023200574 (22) 03.02.2023
(54) A FROTH FLOTATION ARRANGEMENT AND A FROTH FLOTATION METHOD
(62) 2021202923

OVCHARYK, I. see HAVRILOV, A.
(21) 2023200718

PAVELKO, T. see HAVRILOV, A.
(21) 2023200718

(71) Peloton Interactive, Inc.
(21) 2023200631 (22) 07.02.2023
(54) EXERCISE SYSTEM AND METHOD
(62) 2019209052

(71) Potrero Medical, Inc.
(21) 2023200628 (22) 07.02.2023
(54) Systems, devices and methods for draining and analyzing bodily fluids
(62) 2021201070

(71) Poviva Corp.
(21) 2023200736 (22) 10.02.2023
(54) COMPOSITIONS AND METHODS FOR ENHANCED DELIVERY OF ANTIVIRAL AGENTS
(62) 2021261261

(71) Procyon Technologies LLC; University of Arizona
(21) 2023200672 (22) 08.02.2023
(54) METHODS AND SYSTEMS FOR IMPLANTABLE MEDICAL DEVICES AND VASCULARIZATION MEMBRANES
(62) 2019346547

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(71) Provectus IP Pty Ltd (21) 2023200661 (22) 08.02.2023 (54) A control system (62) 2019368534	AND DEVICE FOR ENCODING AND DECODING MOTION INFORMATION (62) 2018332398	(54) Image decoding apparatus and image coding apparatus (31) 2022-153696 (32) 27.09.22 (33) JP
(71) Qulok IP Pty Ltd (21) 2023200588 (22) 04.02.2023 (54) A METHOD OF MAKING A MESH SE- CURITY SCREEN (31) 2022900205 (32) 03.02.22 (33) AU	(71) Sealite USA LLC (21) 2023200545 (22) 02.02.2023 (54) Powerline Communications for Lighting Systems (31) 17/590,993 (32) 02.02.22 (33) US	(71) Sharp Kabushiki Kaisha (21) 2023200618 (22) 07.02.2023 (54) Systems and methods for end-to-end feature compression in coding of multi- dimensional data (31) 17/963,923 (32) 11.10.22 (33) US
(71) REFLEX INSTRUMENTS ASIA PA- CIFIC PTY LTD (21) 2023200689 (22) 08.02.2023 (54) Measurement tool installation apparat- us and method	(71) SEB S.A. (21) 2023200541 (22) 02.02.2023 (54) Work bowl assembly for a culinary pre- paration appliance (31) FR2201285 (32) 14.02.22 (33) FR	(71) Sharp Kabushiki Kaisha (21) 2023200621 (22) 07.02.2023 (54) User equipment (UE) (31) 2022-176283 (32) 02.11.22 (33) JP
(71) Regeneron Pharmaceuticals, Inc. (21) 2023200752 (22) 10.02.2023 (54) EFFICIENT SELECTIVITY OF RE- COMBINANT PROTEINS (62) 2020205336	(71) SHAABAN, A.F.; THANDRA, V. (21) 2023200675 (22) 08.02.2023 (54) IMPROVED SYSTEM AND METHOD FOR ALLOCATING VALUE TO TIME- KEEPER WORK (62) 2021201197	(71) Sharp Kabushiki Kaisha (21) 2023200629 (22) 07.02.2023 (54) User equipment (UE) (31) 2022-176284 (32) 02.11.22 (33) JP
(71) RIO TINTO TECHNOLOGICAL RE- SOURCES INC. (21) 2023200579 (22) 03.02.2023 (54) HEAP LEACHING AN ORE	(71) Sharp Kabushiki Kaisha (21) 2023200530 (22) 02.02.2023 (54) Network controlled repeater (NCR) side information and configurations for semi- static UL transmissions with configured grants (31) 17/985,091 (32) 10.11.22 (33) US	(71) Sharp Kabushiki Kaisha (21) 2023200633 (22) 07.02.2023 (54) User equipment (UE) (31) 2022-176282 (32) 02.11.22 (33) JP
(71) RODED RECYCLING INDUSTRIES LTD; Genie Ventures, LLC (21) 2023200666 (22) 08.02.2023 (54) Processes for recycling agri-plastic waste	(71) Sharp Kabushiki Kaisha (21) 2023200531 (22) 02.02.2023 (54) Video decoding apparatus and video coding apparatus (31) 2022-146436 (32) 14.09.22 (33) JP	(71) SIDC PTY LTD (21) 2023200681 (22) 08.02.2023 (54) A PERIMETER FENCE AND METHOD OF CONSTRUCTION (31) 2022900258 (32) 09.02.22 (33) AU
Rogers, G. see Honey Badger International Pty Ltd (21) 2023200602	(71) Sharp Kabushiki Kaisha (21) 2023200535 (22) 02.02.2023 (54) Systems and methods for signaling neural network post-filter information updates in video coding (31) 17/961,375 (32) 06.10.22 (33) US	(71) slennett-roberts, t. (21) 2023200652 (22) 07.02.2023 (54) Process of mounting multiple wind tur- bines cubes to a pole or frame to in- crease output to one pole.
(71) saltech AG (21) 2023200529 (22) 02.02.2023 (54) Projectile with penetrator (62) 2017320928	(71) Sharp Kabushiki Kaisha (21) 2023200564 (22) 03.02.2023 (54) Systems and methods for signaling downsampling offset information in video coding (31) 18/073,916 (32) 02.12.22 (33) US 63/418,494 22.10.22 US	(71) Sound Pharmaceuticals Incorporated (21) 2023200727 (22) 10.02.2023 (54) Methods and compositions for treating psychotic disorders (62) 2021200583
(71) Salty Cheeks Pty Ltd (21) 2023200604 (22) 06.02.2023 (54) A GARMENT (31) 2022903584 (32) 25.11.22 (33) AU	(71) Sharp Kabushiki Kaisha (21) 2023200601 (22) 06.02.2023 (54) Video coding apparatus and video de- coding apparatus (31) 2022-153692 (32) 27.09.22 (33) JP	(71) SPIKE BREWING LLC (21) 2023200566 (22) 03.02.2023 (54) PUMP (31) 63/306,812 (32) 04.02.22 (33) US
(71) Sam King Pty Ltd (21) 2023200613 (22) 07.02.2023 (54) Structural Umbrella (31) 2022900248 (32) 08.02.22 (33) AU	(71) Sharp Kabushiki Kaisha (21) 2023200615 (22) 07.02.2023	(71) Spinal Elements, Inc. (21) 2023200594 (22) 06.02.2023 (54) VERTEBRAL FACET JOINT PROS- THESIS AND METHOD OF FIXATION (62) 2020244544
(71) Samsung Electronics Co., Ltd. (21) 2023200685 (22) 08.02.2023 (54) METHOD FOR ENCODING AND DE- CODING MOTION INFORMATION	(71) Sharp Kabushiki Kaisha (21) 2023200615 (22) 07.02.2023	(71) Stout Industrial Technology, Inc. (21) 2023200527 (22) 02.02.2023 (54) Smart sprayer for precision agriculture (31) 63/306,460 (32) 03.02.22 (33) US

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- (71) Su-N Energy Holdings Ltd
(21) 2023200546 (22) 02.02.2023
(54) Method of making a mercury based compound, mercury based compound, methods of using the mercury based compound and uses of the mercury based compound
(62) 2020281000
-
- (71) Sungrow Power Supply Co., Ltd.
(21) 2023200600 (22) 06.02.2023
(54) Power conversion device and integrated machine
(31) 202220566537.4 (32) 14.03.22 (33) CN
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- (71) Sungrow Renewables Development Co. Ltd.
(21) 2023200674 (22) 08.02.2023
(54) Side slope gully treatment structure
(31) 202220275713.9 (32) 10.02.22 (33) CN
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- (71) Synta Pharmaceuticals Corp.
(21) 2023200554 (22) 03.02.2023
(54) Combination therapy for treatment of ovarian cancer
(62) 2017227534
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- (71) Takeda Pharmaceutical Company Limited
(21) 2023200572 (22) 03.02.2023
(54) POOLING DEVICE FOR SINGLE OR MULTIPLE CONTAINERS
(62) 2021201307
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- (71) Techtronic Cordless GP
(21) 2023200508 (22) 31.01.2023
(54) Robotic garden tool with manual blade height adjustment and movable blade guard
(31) 63/305,048 (32) 31.01.22 (33) US
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- (71) TF Tech Ventures
(21) 2023200748 (22) 10.02.2023
(54) Rapidly disintegrating oral film matrix
(62) 2019302664
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- THANDRA, V. see SHAABAN, A.F.**
(21) 2023200675
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- (71) The Boeing Company
(21) 2023200560 (22) 03.02.2023
(54) Situational awareness headset
(31) 17/650,001 (32) 04.02.22 (33) US
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- (71) The Regents of the University of California
(21) 2023200671 (22) 08.02.2023
(54) Implants using ultrasonic backscatter for detecting electrophysiological signals
(62) 2017292929
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- (71) The Scripps Research Institute
(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
(62) 2020256391
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- (71) The Trustees of the University of Pennsylvania; Inovio Pharmaceuticals, Inc.
(21) 2023200517 (22) 01.02.2023
(54) Consensus prostate antigens nucleic acid molecule encoding the same and vaccine and uses comprising the same
(62) 2020203908
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- (71) The United States of America, as represented by the Secretary, Department of Health & Human Services
(21) 2023200712 (22) 09.02.2023
(54) PREFUSION RSV F PROTEINS AND THEIR USE
(62) 2021201468
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- (71) The United States of America, as represented by the Secretary, Department of Health and Human Services
(21) 2023200608 (22) 06.02.2023
(54) Anti-human papillomavirus 16 E7 T cell receptors
(62) 2021202227
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- (71) The United States of America, as represented by the Secretary, Department of Health and Human Services
(21) 2023200614 (22) 07.02.2023
(54) Anti-mutated KRAS T cell receptors
(62) 2020203465
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- (71) Thomson Reuters Enterprise Centre GmbH
(21) 2023200583 (22) 03.02.2023
(54) SYSTEMS AND METHODS FOR ENHANCED MAPPING AND CLASSIFICATION OF DATA
(62) 2018372633
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- (71) Thomson Reuters Enterprise Centre GmbH
(21) 2023200716 (22) 09.02.2023
(54) SYSTEMS AND METHODS FOR IDENTIFYING A RISK OF IMPLIEDLY OVERRULED CONTENT BASED ON CITATIONALLY RELATED CONTENT
(62) 2019269566
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- (71) Tomofun Co., Ltd.
(21) 2023200548 (22) 02.02.2023
(54) INTERACTIVE DEVICE FOR ANIMALS
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- (71) Toshiba Lighting & Technology Corporation
(21) 2023200678 (22) 08.02.2023
(54) GAS PURIFICATION DEVICE
(31) 2022-049340 (32) 25.03.22 (33) JP
2022-054937 30.03.22 JP
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- (71) TransMedics, Inc.
(21) 2023200688 (22) 08.02.2023
(54) Ex vivo organ care system
(62) 2020270499
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- (71) Transportation IP Holdings, LLC
(21) 2023200612 (22) 07.02.2023
(54) SENSOR CALIBRATION SYSTEM AND METHOD
(31) 18/155,247 (32) 17.01.23 (33) US
63/267,977 14.02.22 US
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- (71) Transportation IP Holdings, LLC
(21) 2023200657 (22) 08.02.2023
(54) SYSTEM AND METHOD FOR ASSET TRACKING
(31) 17/686,170 (32) 03.03.22 (33) US
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- (71) Trendsetter Vulcan Offshore, Inc.
(21) 2023200725 (22) 10.02.2023
(54) Systems and Methods for Tethering Subsea Blow-Out-Preventers
(62) 2020226629
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- (71) TRON-Translationale Onkologie an der Universitätsmedizin der Johannes-Gutenberg Universität Mainz gemeinnützige GmbH; Astellas Pharma Inc.
(21) 2023200682 (22) 08.02.2023
(54) Combination therapy involving antibodies against Claudin 18.2 for treatment of cancer
(62) 2020203557
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- (71) ULMA Packaging, S.Coop.
(21) 2023200520 (22) 01.02.2023
(54) Vertical packaging machine
(31) EP22382111.7 (32) 10.02.22 (33) EP
-
- (71) Universidad Politecnica de Madrid; Massachusetts Institute of Technology
(21) 2023200739 (22) 10.02.2023
(54) Systems, devices and methods for non-invasive hematological measurements
(62) 2018352526
-
- University of Arizona see Procyon Technologies LLC**
(21) 2023200672
-
- University of Georgia Research Foundation, Inc. see Commonwealth Scientific and Industrial Research Organisation**
(21) 2023200556

Complete Applications Filed - Name Index cont'd

(71) University of Massachusetts
 (21) 2023200576 (22) 03.02.2023
 (54) RAAV-BASED COMPOSITIONS
 AND METHODS FOR TREATING
 AMYOTROPHIC LATERAL SCLER-
 OSIS
 (62) 2020260765

(71) University of Virginia Patent Found-
 ation; ACCESS TO ADVANCED
 HEALTH INSTITUTE
 (21) 2023200515 (22) 01.02.2023
 (54) PEGylated liposomes and methods of
 use
 (62) 2017268175

(71) Verily Life Sciences LLC
 (21) 2023200586 (22) 03.02.2023
 (54) Automated mass rearing system for in-
 sect larvae
 (62) 2017339390

(71) VIAVI Solutions Inc.
 (21) 2023200691 (22) 08.02.2023
 (54) OPTICAL POLARIZING FILTER
 (62) 2018200642

(71) Vilmorin & Cie
 (21) 2023200644 (22) 07.02.2023
 (54) RESISTANCE TO ToLCNDV IN
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 (62) 2016352829

(71) VRM International Pty Ltd
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 (54) A Method of Ecological Stem Cell De-
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(71) W. L. Gore & Associates, Inc.
 (21) 2023200662 (22) 08.02.2023
 (54) Bioabsorbable medical devices
 (62) 2020208468

(71) W. L. Gore & Associates, Inc.
 (21) 2023200665 (22) 08.02.2023
 (54) Prosthetic valves, frames and leaflets
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 (62) 2020244552

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 (21) 2023200676

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(71) WEVENTION PTY LTD
 (21) 2023200538 (22) 02.02.2023
 (54) Media files matching approach with the
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 (31) 2023900192 (32) 27.01.23 (33) AU

(71) Wilmarc Holdings, LLC
 (21) 2023200539 (22) 02.02.2023
 (54) Connector system for releasably con-
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 (62) 2017209195

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(71) Woolpert, Inc.
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 (54) AIRBORNE TOPO-BATHY LIDAR
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 (62) 2020290980

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 (21) 2023200591

(71) Yeomans, A.
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(71) YETI Coolers, LLC
 (21) 2023200658 (22) 08.02.2023
 (54) CONTAINER AND METHOD OF
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 (62) 2017346682

(71) Zepto Life Technology, LLC
 (21) 2023200506 (22) 31.01.2023
 (54) System and method for processing
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 (62) 2019309512

(71) Zimmer, Inc.
 (21) 2023200636 (22) 07.02.2023
 (54) SOFT TISSUE BALANCING IN ARTIC-
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Applications listed below were processed through the Patent Office Canberra during the period ending 14 Feb 2023 .
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

(71) AUSUSA Medical Innovations
(21) 2023100020 (22) 17.02.2023
(54) Movement Assessment System
(62) 2018217438

(71) EAA Research Engineer Pty Ltd
(21) 2023100021 (22) 17.02.2023
(54) Alternative Reinforced Concrete Composite
(62) 2017285471

(71) FISHER & PAYKEL HEALTHCARE LIMITED
(21) 2023100016 (22) 16.02.2023
(54) PATIENT INTERFACE
(62) 2021221460

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(21) 2023100017 (22) 16.02.2023
(54) PATIENT INTERFACE
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(21) 2023100018 (22) 16.02.2023
(54) PATIENT INTERFACE
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(21) 2023100019 (22) 16.02.2023
(54) PATIENT INTERFACE
(62) 2021221460

(71) LI, Y.
(21) 2023100015 (22) 16.02.2023
(54) A MULTIDIRECTIONAL PUNCHING MACHINE FOR UNDERTAKING A PLURALITY OF EFFECTS ON A SHAPED MEMBER
(62) 2021202075

(71) LV, Tao
(21) 2023100014 (22) 14.02.2023
(54) Orthodontic self-ligating bracket system with open auxiliary groove, and self-ligating bracket thereof
(62) 2021453575

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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)
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- 20 Patent Ceased Section 143A(b)/Reg. 22.2D(2) or (4)
- 21 Patent Ceased Section 101C(b)/Section 143A(c)/Reg. 9A.4
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 2018315517 (4C) 2018315697 (4C) 2018317493 (4B)
 2018327220 (14) 2018330958 (14) 2018353998 (4B)
 2018360952 (4C) 2018372633 (5C) 2018410808 (1B)
 2018427215 (4C) 2018435033 (4C) 2018435073 (4A)
 2018435280 (4A) 2018435332 (4A) 2018435824 (4C)
 2018435992 (4A) 2018436187 (4A)

2019

2019101743 (22E) 2019201359 (1B) 2019201445 (1B)
 2019203725 (14) 2019203998 (14) 2019226477 (1B)
 2019226490 (1B) 2019226585 (1B) 2019226631 (1B)
 2019226633 (1B) 2019226674 (1B) 2019226989 (1B)
 2019226993 (1B) 2019227382 (1B) 2019227735 (1B)
 2019227833 (1B) 2019227842 (1B) 2019227846 (1B)
 2019227855 (1B) 2019227858 (1B) 2019227866 (1B)
 2019227891 (1B) 2019227950 (1B) 2019227986 (1B)
 2019228129 (1B) 2019228173 (1B) 2019228308 (1B)
 2019228328 (1B) 2019228458 (1B) 2019228530 (1B)
 2019228575 (1B) 2019228596 (1B) 2019228654 (1B)

2019228707 (1B) 2019228915 (1B) 2019228916 (1B)
 2019229090 (1B) 2019229158 (1B) 2019229177 (1B)
 2019229316 (1B) 2019229317 (1B) 2019229318 (1B)
 2019231130 (1B) 2019246760 (14) 2019267171 (5C)
 2019309839 (5C) 2019318931 (5C) 2019339776 (5C)
 2019341199 (5C) 2019385805 (5C)

2020

2020101606 (22E) 2020101608 (22E) 2020101609 (22E)
 2020101610 (22E) 2020101611 (22E) 2020101612 (22E)
 2020101613 (22E) 2020101615 (22E) 2020101616 (22E)
 2020101617 (22E) 2020101618 (22E) 2020101619 (22E)
 2020101620 (22E) 2020101621 (22E) 2020101624 (22E)
 2020101626 (22E) 2020101628 (22E) 2020101629 (22E)
 2020101630 (22E) 2020101631 (22E) 2020101635 (22E)
 2020101636 (22E) 2020101637 (22E) 2020101638 (22E)
 2020101639 (22E) 2020101641 (22E) 2020101642 (22E)
 2020101643 (22E) 2020101645 (22E) 2020101646 (22E)
 2020101647 (22E) 2020101649 (22E) 2020101650 (22E)
 2020101651 (22E) 2020101661 (22E) 2020101663 (22E)
 2020101664 (22E) 2020101666 (22E) 2020101667 (22E)
 2020101668 (22E) 2020101669 (22E) 2020101670 (22E)
 2020101672 (22E) 2020101674 (22E) 2020101678 (22E)
 2020101680 (22E) 2020101681 (22E) 2020101682 (22E)
 2020101684 (22E) 2020101685 (22E) 2020101687 (22E)
 2020101689 (22E) 2020101694 (22E) 2020101696 (22E)
 2020101698 (22E) 2020101699 (22E) 2020101700 (22E)
 2020101702 (22E) 2020101703 (22E) 2020101704 (22E)
 2020101705 (22E) 2020101706 (22E) 2020101714 (22E)
 2020101716 (22E) 2020101717 (22E) 2020101718 (22E)
 2020101719 (22E) 2020101720 (22E) 2020101721 (22E)
 2020101724 (22E) 2020101725 (22E) 2020101726 (22E)
 2020101727 (22E) 2020210188 (4C) 2020230236 (5C)
 2020230287 (5C) 2020233727 (4C) 2020250274 (25D)
 2020267178 (5C) 2020277164 (5C) 2020277226 (5C)
 2020281000 (5C) 2020287113 (5C) 2020289715 (5C)

2021

2021200494 (4C) 2021200782 (5C) 2021201217 (5C)
 2021201688 (5C) 2021202577 (5C) 2021254647 (4C)
 2021282427 (5C) 2021286350 (5CN) 2021286361 (5C)

2022

2022100076 (21F) 2022201938 (12CN) 2022900353 (12AN)
 2022900354 (12AN) 2022900368 (12AN) 2022900370 (12AN)
 2022900371 (12AN) 2022900412 (12AN) 2022900598 (12AN)

2023

2023200594 (12AN) 2023900096 (12AN)

Assignments before Grant, Section 113

2017

2017261466 J Murphy & Sons Pty Ltd The application has been assigned to **Hardinge Street Nominees Pty Ltd**

2017295886 The Trustees of the University of Pennsylvania; Novartis AG; Kenderian, Saad; Gill, Saar; Ruella, Marco The application has been assigned to **Novartis AG; The Trustees of the University of Pennsylvania**

2018

2018220056 AEL Mining Services Limited The application has been assigned to **AECI Mining Limited**

2018259104 Kerry Luxembourg S.à.r.l. The application has been assigned to **Kerry Group Services International Limited**

Assignments before Grant, Section 113

2018287245 Red Bull GmbH; Fraunhofer-Gesellschaft zur Förderung der Angewandten Forschung e.V. The application has been assigned to **TV-Insight GmbH; Fraunhofer-Gesellschaft zur Förderung der Angewandten Forschung e.V.**

2018348125 Kerry Luxembourg S.à.r.l. The application has been assigned to **Kerry Group Services International Limited**

2019

2019251357 Ellevet Sciences LLC The application has been assigned to **PORTLAND TECHNOLOGY HOLDINGS LLC**

2019331034 Toon, John The application has been assigned to **NAUTILUS HOOKS LIMITED**

2019338717 Kerry Luxembourg S.à.r.l. The application has been assigned to **Kerry Group Services International Limited**

2019356916 Selsted, Michael; Tran, Patti; Schaal, Justin; Tran, Dat The application has been assigned to **The University of Southern California**

2020

2020202062 AEL Mining Services Limited The application has been assigned to **AECI Mining Limited**

2020298550 Ellevet Sciences LLC The application has been assigned to **PORTLAND TECHNOLOGY HOLDINGS LLC**

2020311511 Staidson (Beijing) Biopharmaceuticals Co., Ltd. The application has been assigned to **Beijing Solobio Genetechnology Co., Ltd.**

2020412203 Globalforce IP Limited; Betts, Richard; Howard, Peter The application has been assigned to **Globalforce IP Limited**

2020413656 Globalforce IP Limited; Betts, Richard; Howard, Peter The application has been assigned to **Globalforce IP Limited**

2022

2022224807 Trudgett, Christopher Allan The application has been assigned to **Camps Worldwide Pty Limited**

2022900371 ATMOS PTY LTD The application has been assigned to **GREEN TECH SUPER COOLING SYSTEMS PTY LTD**

2022902170 D & N Associates Pty. Ltd. The application has been assigned to **South East Fluid Mechanics Pty. Ltd.**

2023

2023200334 Yanzhan Technology (Shanghai) Co., Ltd. The application has been assigned to **Shanghai Linghuo Trading Co., Ltd.**

2023900314 Tech Scapes Australia Pty Ltd The application has been assigned to **Tech Scapes IP Pty Ltd**

Extensions of Time, Section 223

Applications Received

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

2007

2007327315 **Khosla, R.** An application to extend the time from 30 Nov 2021 to 30 Jun 2022 in which to pay a renewal fee has been filed . Address for service - Rajiv Khosla 3 Alanah PI Ivanhoe VIC 3079 AU

2010

2010202766 **Rafiq Industries Pty Ltd** An application to extend the time from 30 Jun 2022 to 28 Feb 2023 in which to pay a renewal fee has been filed . Address for service - Adams Pluck Suite 4, Level 3 20 George Street Hornsby NSW 2077 AU

2015

2015201966 **Cherry, P.** An application to extend the time from 12 Apr 2022 to 12 Dec 2022 in which to pay a renewal fee has been filed . Address for service - mdp Patent and Trade Mark Attorneys PO Box 273 Collins Street West VIC 8007 AU

2016

2016299175 **Bitdefender IPR Management Ltd** An application to extend the time from 04 Jul 2022 to 04 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

2018

2018202441 **Karyopharm Therapeutics, Inc.** An application to extend the time from 08 Sep 2022 to 08 Dec 2022 in which to request an Extension of Term - Pharmaceutical has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2018265395 **University of Utah Research Foundation; Shepherd, J.; Day, C.; Pastuzyn, E.** An application to extend the time from 10 May 2022 to 10 Dec 2022 in which to pay a continuation fee has been filed . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2018265522 **L/N Health and Beauty ApS** An application to extend the time from 14 May 2022 to 14 Dec 2022 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

2018304994 **Sawant, A.** An application to extend the time from 14 Jul 2022 to 14 Feb 2023 in which to pay a renewal fee has been filed . Address for service - Arceo IP 52 Collins Street Enfield SA 5085 AU

2019

2019210599 **L. & A. FAZZINI MANUFACTURING PTY LTD** An application to extend the time from 17 Jul 2022 to 17 Feb 2023 in which to pay a renewal fee has been filed . Address for service - Halfords IP Level 7 1 Market Street Sydney NSW 2000 AU

2021

2021201436 **Braeside Mills Operations Pty Ltd** An application to extend the time from 05 Jul 2022 to 05 Feb 2023 in which to pay a con-

Extensions of Time, Section 223

tinuation fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2021203055 **VORWERK & CO. INTERHOLDING GMBH** An application to extend the time from 08 Jun 2022 to 08 Feb 2023 in which to pay a renewal fee has been filed . Address for service - Oxygene IP PO Box 611 BALWYN NORTH VIC 3104 AU

2022

2022283727 **Northquip Inc.** An application to extend the time from 27 Oct 2022 to 27 Dec 2022 in which to extend the grace period has been filed . Address for service - Michael Buck IP PO Box 78 Red Hill QLD 4059 AU

Applications Allowed - Section 223(2)

2016

2016223384 **Jeute, P.** The time in which to gain acceptance and to pay a renewal fee has been extended to 18 Mar 2023 . Address for service - Acacia Law PO BOX 1279 Milton QLD 4064 AU

2017

2017100382 **RYNAL PTY LTD** The time in which to pay a renewal fee has been extended to 05 Nov 2022 . Address for service - Pipers Intellectual Property 1st Floor 3 Owens Road Epsom Auckland 1023 NZ

2019

2019225175 **Asphalt Plus, LLC** The time in which to request examination has been extended to 28 Feb 2023 . Address for service - Halfords IP GPO Box 4212 Sydney NSW 2001 AU

2019345104 **UNIVERSITEIT GENT** The time in which to enter the National Phase has been extended to 18 Aug 2022 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2020

2020223375 **D4D TECHNOLOGIES, LLC** The time in which to enter the National Phase has been extended to 15 Sep 2022 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2020358129 **STG IP PTY LTD** The time in which to enter the National Phase has been extended to 04 Oct 2022 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2020386069 **CONOCOPHILLIPS COMPANY** The time in which to enter the National Phase has been extended to 22 Oct 2022 . Address for service - PHILLIPS ORMONDE FITZPATRICK PO Box 323 COLLINS STREET WEST VIC 8007 AU

2021

2021285994 **TASHJIAN, Maria** The time in which to enter the National Phase has been extended to 05 Feb 2023 . Address for service - Dentons Patent Attorneys Australasia Limited 18 Viaduct Harbour Avenue Auckland CBD 1142 NZ

2021289087 **4GD LIMITED** The time in which to enter the National Phase has been extended to 12 Feb 2023 . Address for service - Dentons Patent Attorneys Australasia Limited 18 Viaduct Harbour Avenue Auckland CBD 1142 NZ

Extensions of Time, Section 223

2022

2022279543 **Caterpillar Inc.** The time in which to make a further application for a divisional patent has been extended to 01 Jan 2023 . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

Amendments

Applications for Amendment

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

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

2015

2015302930 Methods of treating cervical cancer **Genexine, Inc.** The nature of the amendment is as shown in the statement(s) filed 06 Dec 2022 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2016

2016306713 Liquid collection device **University of Tasmania** The nature of the amendment is as shown in the statement(s) filed 22 Dec 2022 . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

2016426163 Systems and methods for providing a slow motion video stream concurrently with a normal-speed video stream upon detection of an event **Rovi Guides, Inc.** The nature of the amendment is as shown in the statement(s) filed 22 Dec 2022 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2017

2017233068 Cyclic di-nucleotide compounds and methods of use **Immune Sensor, LLC ; The Board of Regents of the University of Texas System** The nature of the amendment is as shown in the statement(s) filed 27 Jan 2023 . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2017252192 Novel immunogenic CD1d binding peptides **ImCyse SA** The nature of the amendment is as shown in the statement(s) filed 29 Nov 2022 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2017379074 Benzisothiazole, isothiazolo[3,4-b]pyridine, quinazoline, phthalazine, pyrido[2,3-d]pyridazine and pyrido[2,3-d]pyrimidine derivatives as KRAS G12C inhibitors for treating lung, pancreatic or colorectal cancer **Amgen Inc.** The nature of the amendment is as shown in the statement(s) filed 03 Feb 2023 . Address for service - Spruson & Ferguson Level 24, Tower 2 Darling Park, 201 Sussex Street Sydney NSW 2000 AU

2018

2018280156 Dynamic TCP stream processing with modification notification **Hyannis Port Research, Inc.** The nature of the amendment is as shown in the statement(s) filed 13 Feb 2023 . Address for service

Amendments

- Pizzeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2018338433 Method and system for operating a high recovery separation process **Fluid Equipment Development Company, LLC** The nature of the amendment is as shown in the statement(s) filed 19 Dec 2022 . Address for service - Oxygene IP PO Box 611 BALWYN NORTH VIC 3104 AU

2019

2019321091 Conjugates for use in methods of treating cancer **As-traZeneca AB** The nature of the amendment is as shown in the statement(s) filed 14 Feb 2023 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2019396551 Systems and methods for preoperative planning and postoperative analysis of surgical procedures **MAKO Surgical Corp.** The nature of the amendment is as shown in the statement(s) filed 14 Feb 2023 . Address for service - FB Rice Pty Ltd Level 23, 44 Market Street Sydney NSW 2000 AU

2020

2020204102 Application menu for video system **Apple Inc.** The nature of the amendment is as shown in the statement(s) filed 14 Feb 2023 . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

2020218500 System for determining position of objects **J. Ray McDermott, S.A.** The nature of the amendment is as shown in the statement(s) filed 08 Feb 2023 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2020228579 Medication delivery device with sensing system **Eli Lilly and Company** The nature of the amendment is as shown in the statement(s) filed 19 Jan 2023 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2020353718 A freeform contact lens solution for myopia **nthalmic holding Pty Ltd** The nature of the amendment is: Add co-applicant Brighten Optix Corp. . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

2021

2021105299 A method of reducing methane production in a ruminant animal **DIT AgTech Limited** The nature of the amendment is: Amend the inventors to remove: Feez, Thomas Robinson and add: McCollum, Vivienne Olive Minter . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2021203814 METHODS AND COMPOSITIONS FOR POLYURETHANE DISPERSIONS USING CAPROLACTAM-DERIVED SOLVENTS **AdvanSix Resins & Chemicals LLC** The nature of the amendment is as shown in the statement(s) filed 23 Jan 2023 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2021269293 Using human motion sensors to detect movement when in the vicinity of hydraulic robots **The Boeing Company** The nature of the amendment is as shown in the statement(s) filed 15 Feb 2023 .

Amendments

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

2021290217 Antimicrobial compounds and nanostructures **The Boeing Company** The nature of the amendment is as shown in the statement(s) filed 10 Feb 2023 . Address for service - FB Rice Pty Ltd Level 23, 44 Market Street Sydney NSW 2000 AU

Amendments Made

2008

2008253590 **FLSmidth A/S** The nature of the amendment is as shown in the statement filed 04 Oct 2022

2010

2010210355 **Smart Planet Technologies, Inc.** The nature of the amendment is as shown in the statement(s) filed 03 Nov 2022

2015

2015289799 **Washington State University; University of Maryland; The University Court of The University of Edinburgh** The nature of the amendment is: Amend the name of the inventor to read OATLEY, Jon Michael; Whitelaw, Christopher Bruce Alexander; Lilloco, Simon Geoffrey and Telugu, Bhanu Prakash

2015354871 **Neodrill As** The nature of the amendment is as shown in the statements filed 01 Oct 2021 and 23 Mar 2022

2015367411 **Mubea Carbo Tech GmbH** The nature of the amendment is as shown in the statement filed 01 Nov 2022

2016

2016330005 **De La Rue International Limited** The nature of the amendment is as shown in the statement filed 14 Oct 2022

2016330006 **De La Rue International Limited** The nature of the amendment is as shown in the statement filed 03 Oct 2022

2017

2017345328 **Antheia, Inc.** The nature of the amendment is as shown in the statement filed 27 Oct 2022

2017412349 **NTT DOCOMO, INC.** The nature of the amendment is as shown in the statement filed 17 Oct 2022

2018

2018203052 **7424401 Manitoba Ltd., dba Bushel Plus** The nature of the amendment is as shown in the statement filed 16 Nov 2022

2018204794 **Washington State University; University of Maryland; The University Court of the University of Edinburgh** The nature of the amendment is: Amend the name of the inventor to read OATLEY, Jon Michael; WHITELAW, Christopher Bruce Alexander; LILLICO, Simon Geoffrey and TELUGU, Bhanu Prakash

2018225928 **Angel Group Co., Ltd.** The nature of the amendment is: Amend the invention title to read System for counting quantity of game tokens

Amendments

2018283053 **BioCryst Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement filed 14 Nov 2022

2019

2019201770 **Littelfuse, Inc.** The nature of the amendment is: Amend the invention title to read Monitor device, ground fault protection circuit and techniques

2019213554 **CMR Surgical Limited** The nature of the amendment is: Amend the name of a co-inventor to read McBrien, Dominic Martin

2019232250 **Leonardo UK Ltd** The nature of the amendment is: Amend the name of the inventor to read LAMB, Robert and ELDER, Ian

2019244363 **CMR Surgical Limited** The nature of the amendment is: Amend the name of a co-inventor to read McBrien, Dominic Martin

2019265673 **Urban Electric Networks Ltd** The nature of the amendment is as shown in the statement filed 20 Oct 2022

2019357720 **Elloveo, Inc.** The nature of the amendment is as shown in the statement filed 18 Nov 2022

2020

2020286303 **Ascendis Pharma Bone Diseases A/S** The nature of the amendment is as shown in the statements filed 17 Nov 2022 and 25 Nov 2022

2020415270 **Axon Enterprise, Inc.** The nature of the amendment is: Add the name of co-inventor MARKLE, Ryan

2020460124 **KMTC Vortifer Technologies GmbH** The nature of the amendment is: Amend the invention title to read Engine for a flying body, method for operating an engine for a flying body, and flying body having at least one engine

2020460465 **Neogen Corporation** The nature of the amendment is: Amend the name of the inventor to read HASTINGS, Gregory S.; GALBREATH, Bradley E.; WAGNER, Nicholas J.; LEIGH, Taylor Kopacka; SHIPP, Peter Wyndham; LYE, Jason; BACHTEL, Randall M.; JACOBS, Dexter E. and TROVATO, Michael

2020461087 **Huawei Digital Power Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read POWER CONVERSION CIRCUIT, POWER TRANSMISSION SYSTEM, AND PHOTOVOLTAIC DEVICE

2021

2021258544 **Uni-Pharma Kleon Tsetis Pharmaceutical Laboratories S.A.; Tseti, I.** The nature of the amendment is: Amend the invention title to read Pharmaceutical composition comprising L-triiodothyronine (T3) for use in the treatment of tissue hypoxia and sepsis

2021264510 **Cepheid** The nature of the amendment is: Amend the name of the inventor to read HIGUCHI, Russell and WANG, Nicholas

2021269764 **AstraZeneca AB** The nature of the amendment is: Amend the name of the inventor to read SMITH, Simon Andrew; CLACK, Glen and LEE, Jeeyun

Amendments

2021287089 **Angel Group Co., Ltd.** The nature of the amendment is as shown in the statement filed 07 Feb 2023

2021293283 **Woven Teams, Inc.; Winler, W.; Shipley, K.; Panozzo, A.** The nature of the amendment is: Amend the name of the inventor to read WINLER, Wes Winham; SHIPLEY, Kyle and PANOZZO, Anthony

2021293550 **Hocking, G.** The nature of the amendment is as shown in the statement(s) filed 11 Jan 2023

2021298166 **Koninklijke Douwe Egberts B.V.** The nature of the amendment is: Amend the name of the inventor to read HENSON, Si-an; WELSH, Joe; ROMAN CORROCHANO, Borja; ESPINO, Eva; SILANES-KENNY, Javier and EDGE, Charles

2021298990 **Metzerplas Cooperative Agricultural Organization Ltd.** The nature of the amendment is: Amend the name of the inventor to read DOTAN, Ana; BALBOUL, Tal and OPHIR, Amos

2021299464 **Allen, T.** The nature of the amendment is: Amend the invention title to read Nestable, stackable multi-stage food serving set with temperature holding features

2021303726 **Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.** The nature of the amendment is: Amend the name of the inventor to read MARKOVIC, Goran; KIENE, Jan Frederick; REUTELHUBER, Franz; DÖHLA, Stefan; FOTOPOULOU, Eleni and RAVELLI, Emmanuel

2021311430 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read ROUTE CONFIGURATION METHOD AND APPARATUS

2021314992 **Fundacio Eurecat** The nature of the amendment is: Amend the invention title to read RESPIRATOR

2021315149 **Otsuka Pharmaceutical Factory, Inc.** The nature of the amendment is: Amend the invention title to read Cold medicine and antiviral medicine

2021319774 **Bauer Maschinen GmbH** The nature of the amendment is: Amend the invention title to read DEVICE FOR CLEARING A HELIX GAP OF AN AUGER, AND METHOD FOR MAKING A DRILLED HOLE

2021320957 **Nippon Chemiphar Co., Ltd.; Takasaki University of Health And Welfare** The nature of the amendment is: Amend the invention title to read Pharmaceutical composition for preventing, suppressing, or treating symptom associated with allergic reaction

2021326589 **JFE Steel Corporation** The nature of the amendment is: Amend the invention title to read METHOD FOR PREPARING COAL OR CAKING ADDITIVE AND METHOD FOR PRODUCING COKE

2021331525 **F. Hoffmann-La Roche AG** The nature of the amendment is: Amend the invention title to read Apparatus for inserting a medical device into a body tissue

2021361366 **Panasonic Intellectual Property Management Co., Ltd.** The nature of the amendment is: Amend the invention title to

Amendments

read CHEMICAL SPRAYING SYSTEM AND METHOD FOR OPERATING SAME

2021362359 **Panasonic Intellectual Property Management Co., Ltd.** The nature of the amendment is: Amend the invention title to read CHEMICAL SPRAYING SYSTEM AND METHOD FOR OPERATING SAME

2021368547 **Alchemedicine, Inc.** The nature of the amendment is: Amend the invention title to read Compound, aldehyde dehydrogenase 2 activating agent, pharmaceutical composition, and therapeutic and/or prophylactic drug

2022

2022202977 **Apple Inc.** The nature of the amendment is: Amend the name of a co-inventor to read HALES, Erin B

2022204385 **CMR Surgical Limited** The nature of the amendment is: Amend the name of a co-inventor to read McBrien, Dominic Martin

2022290931 **Guo, Q.** The nature of the amendment is: Amend the invention title to read METHOD OF USE FOR PHOTOELECTRIC UNIT AND AMPLIFICATION APPARATUS THEREOF

2022902940 **Medicotec** The nature of the amendment is: Amend the invention title to read Novel methods for electronic patient monitoring using artificial intelligence

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

2003

2003231588 DYWIDAG-Systems International Pty Limited The name of the patentee has been altered to **DSI Underground Australia Pty Limited**

2004

2004203038 DYWIDAG-Systems International Pty Limited The name of the patentee has been altered to **DSI Underground Australia Pty Limited**

2006

2006307005 DB Lightec Co., Ltd. The name of the patentee has been altered to **GeumVit Corp**

2006345918 Eppendorf AG The name of the patentee has been altered to **Eppendorf SE**

2007

2007221783 DYWIDAG-Systems International Pty Limited The name of the patentee has been altered to **DSI Underground Australia Pty Limited**

2008

2008201909 DYWIDAG-Systems International Pty Limited The name of the patentee has been altered to **DSI Underground Australia Pty Limited**

Amendments

2008202945 DYWIDAG-Systems International Pty Limited The name of the patentee has been altered to **DSI Underground Australia Pty Limited**

2008288696 DYWIDAG-Systems International Pty Limited The name of the patentee has been altered to **DSI Underground Australia Pty Limited**

2009

2009201251 DYWIDAG-Systems International Pty Limited The name of the patentee has been altered to **DSI Underground Australia Pty Limited**

2009201844 DYWIDAG-Systems International Pty Limited The name of the patentee has been altered to **DSI Underground Australia Pty Limited**

2009329824 DYWIDAG-Systems International Pty Limited The name of the patentee has been altered to **DSI Underground Australia Pty Limited**

2010

2010200934 DYWIDAG-Systems International Pty Limited The name of the patentee has been altered to **DSI Underground Australia Pty Limited**

2010201788 DYWIDAG-Systems International Pty Limited The name of the patentee has been altered to **DSI Underground Australia Pty Limited**

2010202471 DYWIDAG-Systems International Pty Limited The name of the patentee has been altered to **DSI Underground Australia Pty Limited**

2011

2011250703 DYWIDAG-Systems International Pty Limited The name of the patentee has been altered to **DSI Underground Australia Pty Limited**

2011274289 DYWIDAG-Systems International Pty Limited The name of the patentee has been altered to **DSI Underground Australia Pty Limited**

2012

2012201876 RUAG AUSTRALIA PTY LTD The name of the patentee has been altered to **ROSEBANK ENGINEERING PTY LTD**

2012202308 DYWIDAG-Systems International Pty Limited The name of the patentee has been altered to **DSI Underground Australia Pty Limited**

2012209052 DYWIDAG-Systems International Pty Limited The name of the patentee has been altered to **DSI Underground Australia Pty Limited**

2012231763 DYWIDAG-Systems International Pty Limited The name of the patentee has been altered to **DSI Underground Australia Pty Limited**

Amendments

2012307074 DYWIDAG-Systems International Pty Limited The name of the patentee has been altered to **DSI Underground Australia Pty Limited**

2012339057 DYWIDAG-Systems International Pty Limited The name of the patentee has been altered to **DSI Underground Australia Pty Limited**

2012381504 Eppendorf AG The name of the patentee has been altered to **Eppendorf SE**

2013

2013204178 DYWIDAG-Systems International Pty Limited The name of the patentee has been altered to **DSI Underground Australia Pty Limited**

2013204193 DYWIDAG-Systems International Pty Limited The name of the patentee has been altered to **DSI Underground Australia Pty Limited**

2013204292 DYWIDAG-Systems International Pty Limited The name of the patentee has been altered to **DSI Underground Australia Pty Limited**

2014

2014201857 DYWIDAG-Systems International Pty Limited The name of the patentee has been altered to **DSI Underground Australia Pty Limited**

2014203250 DYWIDAG-Systems International Pty Limited The name of the patentee has been altered to **DSI Underground Australia Pty Limited**

2014262290 DYWIDAG-Systems International Pty Limited The name of the patentee has been altered to **DSI Underground Australia Pty Limited**

2014295892 DYWIDAG-Systems International Pty Limited The name of the patentee has been altered to **DSI Underground Australia Pty Limited**

2014338864 PSIOXUS THERAPEUTICS LIMITED The name of the patentee has been altered to **Akamis Bio Limited**

2014372562 PsiOxus Therapeutics Limited The name of the patentee has been altered to **Akamis Bio Limited**

2015

2015101969 DYWIDAG-Systems International Pty Limited The name of the patentee has been altered to **DSI Underground Australia Pty Limited**

2015202429 DYWIDAG-Systems International Pty Limited; Mine Advice Research Pty Ltd The name of the patentee has been altered to **Mine Advice Research Pty Ltd; DSI Underground Australia Pty Limited**

2015203205 DYWIDAG-Systems International Pty Limited The name of the patentee has been altered to **DSI Underground Australia Pty Limited**

Amendments**2016**

2016202745 DYWIDAG-Systems International Pty Limited The name of the patentee has been altered to **DSI Underground Australia Pty Limited**

2016202759 RUAG AUSTRALIA PTY LTD The name of the patentee has been altered to **ROSEBANK ENGINEERING PTY LTD**

2016202889 DYWIDAG-Systems International Pty Limited The name of the patentee has been altered to **DSI Underground Australia Pty Limited**

2016242867 AblaCare, Inc. The name of the patentee has been altered to **May Health US Inc.**

2016245331 DYWIDAG-Systems International Pty Limited The name of the patentee has been altered to **DSI Underground Australia Pty Limited**

2016256582 PsiOxus Therapeutics Limited The name of the patentee has been altered to **Akamis Bio Limited**

2016328619 Opna Immuno-Oncology, SA The name of the patentee has been altered to **Opna Bio SA**

2016369485 PsiOxus Therapeutics Limited The name of the applicant has been altered to **Akamis Bio Limited**

2016369657 DYWIDAG-Systems International Pty Limited The name of the patentee has been altered to **DSI Underground Australia Pty Limited**

2017

2017204341 DYWIDAG-Systems International Pty Limited The name of the patentee has been altered to **DSI Underground Australia Pty Limited**

2017218453 DYWIDAG-Systems International Pty Limited The name of the patentee has been altered to **DSI Underground Australia Pty Limited**

2017320776 PsiOxus Therapeutics Limited The name of the applicant has been altered to **Akamis Bio Limited**

2018

2018101679 DYWIDAG-Systems International Pty Limited The name of the patentee has been altered to **DSI Underground Australia Pty Limited**

2018201446 PsiOxus Therapeutics Limited The name of the patentee has been altered to **Akamis Bio Limited**

2018226495 DYWIDAG-Systems International Pty Limited The name of the patentee has been altered to **DSI Underground Australia Pty Limited**

2018277294 PsiOxus Therapeutics Limited The name of the applicant has been altered to **Akamis Bio Limited**

Amendments

2018322776 PsiOxus Therapeutics Limited The name of the applicant has been altered to **Akamis Bio Limited**

2018329868 DYWIDAG-Systems International Pty Limited The name of the patentee has been altered to **DSI Underground Australia Pty Limited**

2018348241 Opna Immuno-Oncology, SA The name of the applicant has been altered to **Opna Bio SA**

2018390988 DYWIDAG-Systems International Pty Limited The name of the patentee has been altered to **DSI Underground Australia Pty Limited**

2019

2019202781 DYWIDAG-Systems International Pty Limited The name of the patentee has been altered to **DSI Underground Australia Pty Limited**

2019216876 DYWIDAG-Systems International Pty Limited The name of the patentee has been altered to **DSI Underground Australia Pty Limited**

2019255388 First Light Biosciences, Inc. The name of the applicant has been altered to **First Light Diagnostics, Inc.**

2019343307 Eppendorf AG The name of the applicant has been altered to **Eppendorf SE**

2019388777 Advanced Chemotherapy Technologies, Inc. The name of the applicant has been altered to **Focal Medical, Inc.**

2019395794 Eppendorf AG The name of the applicant has been altered to **Eppendorf SE**

2019398420 Eppendorf AG The name of the applicant has been altered to **Eppendorf SE**

2020

2020217422 DYWIDAG-Systems International Pty Limited The name of the patentee has been altered to **DSI Underground Australia Pty Limited**

2020223665 PsiOxus Therapeutics Limited The name of the applicant has been altered to **Akamis Bio Limited**

2020271836 Opna Immuno-Oncology, SA The name of the applicant has been altered to **Opna Bio SA**

2021

2021102152 Smarter Business Holdings Pty Ltd The name of the patentee has been altered to **Fuse holdings Pty ltd.**

2021202496 DYWIDAG-Systems International Pty Limited The name of the patentee has been altered to **DSI Underground Australia Pty Limited**

Amendments

2021212150 DYWIDAG-Systems International Pty Limited The name of the patentee has been altered to **DSI Underground Australia Pty Limited**

2021245103 Identitii Pty Ltd The name of the applicant has been altered to **Identitii Limited**

2021293283 Woven Teams, Inc.; Kyle, Shipley; Wes, Winler; Anthony, Panozzo The name of the applicant has been altered to **Woven Teams, Inc.; Winler, W.; Shipley, K.; Panozzo, A.**

2021303726 Fraunhofer-Gesellschaft zur Förderung der Angewandten Forschung e.V. The name of the applicant has been altered to **Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.**

2021322623 Transluminal Systems, LL The name of the applicant has been altered to **TRANSLUMINAL SYSTEMS, LLC**

2022

2022275489 DYWIDAG-Systems International Pty Limited The name of the applicant has been altered to **DSI Underground Australia Pty Limited**

2023

2023900227 Roberts, Ashkia Jade Ramsay The name of the applicant has been altered to **Ramsay Roberts, A.J.**

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

(71) 4D Pharma Research Limited
 (11) AU-A-2023200562
 (21) 2023200562 (22) 03.02.2023
 (54) COMPOSITIONS COMPRISING BACTERIAL STRAINS
 (51) Int. Cl.
A61K 35/74 (2015.01)
A23L 33/135 (2016.01)
A61K 39/02 (2006.01)
A61P 1/00 (2006.01)
A61P 3/10 (2006.01)
A61P 11/06 (2006.01)
A61P 17/06 (2006.01)
A61P 19/02 (2006.01)
A61P 35/00 (2006.01)
A61P 37/00 (2006.01)
A61P 43/00 (2006.01)
 (43) 02.03.2023
 (62) 2019267171
 (72) MULDER, Imke Elisabeth; FOTIADOU, Parthena; HOLT, Amy Beth; AHMED, Suaad; ETTORRE, Anna; YUILLE, Samantha; DINAN, Ted; CRYAN, John
 (74) FB Rice Pty Ltd

(71) A & I Coatings Group Pty Ltd
 (11) AU-A-2021218019
 (21) 2021218019 (22) 16.08.2021
 (54) A HIGH PERFORMANCE ISOCYANATE FREE POLYURETHANE RESIN COATING
 (51) Int. Cl.
C09D 175/08 (2006.01)
C08G 18/62 (2006.01)
C08G 18/71 (2006.01)
 (43) 02.03.2023
 (72) JIANG, Fu Rong; BAILEY, Stephen
 (74) Baxter Patent Attorneys Pty Ltd

(71) A & I Coatings Group Pty Ltd
 (11) AU-A-2022204302
 (21) 2022204302 (22) 20.06.2022
 (54) A HIGH PERFORMANCE ISOCYANATE FREE POLYURETHANE RESIN COATING
 (51) Int. Cl.
C09D 175/08 (2006.01)
C08G 18/62 (2006.01)
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 (43) 02.03.2023
 (62) 2021218019
 (72) JIANG, Fu Rong; BAILEY, Stephen
 (74) Baxter Patent Attorneys Pty Ltd

(71) AbbVie Deutschland GmbH & Co. KG; AbbVie Inc.
 (11) AU-A-2023200432
 (21) 2023200432 (22) 27.01.2023

(54) Anti-EGFR antibody drug conjugate formulations
 (51) Int. Cl.
A61P 35/00 (2006.01)
 (43) 02.03.2023
 (62) 2020277164
 (72) TSCHOEPE, Markus; KALETA, Katharina; KUMAR, Vineet
 (74) Spruson & Ferguson

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 (21) 2023200432

(71) Ab Initio Technology LLC
 (11) AU-A-2023200421
 (21) 2023200421 (22) 27.01.2023
 (54) DATAFLOW GRAPH CONFIGURATION
 (51) Int. Cl.
G06F 8/34 (2018.01)
 (43) 02.03.2023
 (62) 2018282168
 (72) Epstein, Richard A.; Palmer, Mike
 (74) RnB IP Pty Ltd

(71) Above the Fold, LLC
 (11) AU-A-2023200133
 (21) 2023200133 (22) 11.01.2023
 (54) Systems for tracking medications
 (51) Int. Cl.
A61J 7/04 (2006.01)
A61B 5/00 (2006.01)
A61J 7/00 (2006.01)
A61M 5/20 (2006.01)
G06F 15/16 (2006.01)
G16H 20/10 (2018.01)
 (43) 02.03.2023
 (62) 2017219863
 (72) Herschkowitz, Samuel; Herzig, Abby; Komberg, Joshua; Fein, Seymour; Adler, Deborah; Freitag, Eric; Pascazio, Robert R.; Chin, Matthew; Brown, Gareth; Kaes, Stephen; Yoshimoto, Troy; Dholakia, Ritik; Klodginski, Mike; Uong, Khoi; Woo, Erin; Gelardi, Pepin; Ullrich, Theodore
 (74) Griffith Hack

(71) Accenture Global Solutions Limited
 (11) AU-A-2022205172
 (21) 2022205172 (22) 12.07.2022
 (54) SYSTEM AND METHOD FOR VIDEO AUTHENTICATION
 (51) Int. Cl.
G06F 21/32 (2013.01)
G06N 20/00 (2019.01)
G06Q 20/40 (2012.01)
G06V 40/16 (2022.01)
H04N 7/14 (2006.01)

H04N 21/23 (2011.01)
 (31) 17/401,609 (32) 13.08.21 (33) US
 (43) 02.03.2023
 (72) SUNEJA, Ankit; NAIR, Rajeev Divakaran; KUMAR, S. Abishek
 (74) Murray Trento & Associates Pty Ltd

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 (21) 2023200515

(71) Acuitas Therapeutics Inc.; CureVac SE
 (11) AU-A-2022235588
 (21) 2022235588 (22) 21.09.2022
 (54) Lipid nanoparticle mRNA vaccines
 (51) Int. Cl.
C07C 219/06 (2006.01)
A61K 9/127 (2006.01)
A61K 9/16 (2006.01)
A61K 9/51 (2006.01)
A61K 31/225 (2006.01)
A61K 39/12 (2006.01)
A61K 39/39 (2006.01)
A61K 47/18 (2017.01)
A61P 31/14 (2006.01)
A61P 31/16 (2006.01)
C07C 229/16 (2006.01)
C07C 233/18 (2006.01)
C07C 255/24 (2006.01)
 (43) 02.03.2023
 (62) 2017350488
 (72) Jasny, Edith; Lazzaro, Sandra; Lin, Paulo Jia Ching; Lutz, Johannes; Mui, Barbara; Tam, Ying; Petsch, Benjamin; Rauch, Susanne; Schwendt, Kim Ellen; Hope, Michael J.; Heidenreich, Regina; Fotin-Mleczek, Mariola; Baumhof, Patrick
 (74) Oxygene IP

(71) AFL Telecommunications LLC
 (11) AU-A-2023200505
 (21) 2023200505 (22) 31.01.2023
 (54) Cable mounting clamps
 (51) Int. Cl.
H02G 3/32 (2006.01)
G02B 6/44 (2006.01)
H02G 3/34 (2006.01)
H02G 15/18 (2006.01)
 (43) 02.03.2023
 (62) 2018400487
 (72) BALL, Shirley; COURCHAINE, Wilfred J.
 (74) FB Rice Pty Ltd

(71) AgeX Therapeutics, Inc.
 (11) AU-A-2023200525
 (21) 2023200525 (22) 01.02.2023

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(54) Methods for the re-derivation of diverse pluripotent stem cell-derived brown fat cells
 (51) Int. Cl.
C12N 5/00 (2006.01)
C12N 5/07 (2010.01)
C12N 5/077 (2010.01)
 (43) 02.03.2023
 (62) 2016366158
 (72) West, Michael D.; Sternberg, Hal
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Alexion Pharmaceuticals, Inc.
 (11) AU-A-2022279414
 (21) 2022279414 (22) 29.11.2022
 (54) HIGH CONCENTRATION ANTI-C5 ANTIBODY FORMULATIONS
 (51) Int. Cl.
C07K 16/18 (2006.01)
A61K 39/395 (2006.01)
 (43) 02.03.2023
 (62) 2018306612
 (72) Ortiz, Stephan; Gentile, Jillian; Philominathan, Leena; Routhier, Eric; Mason, Bruce
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Alteogen, Inc
 (11) AU-A-2023200324
 (21) 2023200324 (22) 20.01.2023
 (54) NOVEL HYALURONIDASE VARIANTS AND PHARMACEUTICAL COMPOSITION COMPRISING THE SAME
 (51) Int. Cl.
C12N 9/26 (2006.01)
A61K 38/16 (2006.01)
A61K 45/06 (2006.01)
A61P 35/00 (2006.01)
 (43) 02.03.2023
 (62) 2019311658
 (72) PARK, Soon Jae; CHUNG, Hye-Shin; LEE, Seung Joo; YOU, Sun-Ah; SONG, Hyung-Nam; LEE, Chang Woo
 (74) Madderns Pty Ltd

(71) Anduril Industries, Inc.
 (11) AU-A-2023200510
 (21) 2023200510 (22) 31.01.2023
 (54) Aerial Vehicle with deployable components
 (51) Int. Cl.
B64C 3/56 (2006.01)
 (43) 02.03.2023
 (62) 2022211805
 (72) Alley, Nicholas Robert; Steele, Joshua Lemming; Williams, Jesse Owen; Kuehme, Daniel; Phillips, Jonathan Caleb
 (74) Intellepro Patent & Trade Mark Attorneys

(71) Angel Group Co., Ltd.
 (11) AU-A-2023200444
 (21) 2023200444 (22) 27.01.2023
 (54) Inspection system, and inspection device

(51) Int. Cl.
A63F 1/06 (2006.01)
A63F 9/00 (2006.01)
G06F 17/00 (2019.01)
 (43) 02.03.2023
 (62) 2017361647
 (72) Shigeta, Yasushi
 (74) FB Rice Pty Ltd

(71) APEEL TECHNOLOGY, INC.
 (11) AU-A-2023200423
 (21) 2023200423 (22) 27.01.2023
 (54) SYSTEM AND METHOD FOR HYPER-SPECTRAL IMAGE PROCESSING TO IDENTIFY FOREIGN OBJECT
 (51) Int. Cl.
G06V 10/25 (2022.01)
G06T 7/00 (2017.01)
G06T 7/10 (2017.01)
G06T 7/11 (2017.01)
G06V 10/75 (2022.01)
 (43) 02.03.2023
 (62) 2018289400
 (72) Nipe, Lars Gustav Magnus; Ramanan, Abilasha
 (74) RnB IP Pty Ltd

(71) APM Terminals B.V.
 (11) AU-A-2023200445
 (21) 2023200445 (22) 27.01.2023
 (54) Container handling equipment controller arrangement
 (51) Int. Cl.
G06Q 10/06 (2023.01)
B65G 63/00 (2006.01)
G06Q 50/28 (2012.01)
 (43) 02.03.2023
 (62) 2017237395
 (72) Duca, Alexandru
 (74) Davies Collison Cave Pty Ltd

(71) APM Terminals B.V.
 (11) AU-A-2023200446
 (21) 2023200446 (22) 27.01.2023
 (54) Communication arrangement for a container handling equipment and communication method
 (51) Int. Cl.
G06Q 10/06 (2023.01)
B65G 63/00 (2006.01)
G06Q 50/28 (2012.01)
 (43) 02.03.2023
 (62) 2017237397
 (72) Duca, Alexandru
 (74) Davies Collison Cave Pty Ltd

(71) Arbutus Biopharma Corporation
 (11) AU-A-2023200441
 (21) 2023200441 (22) 27.01.2023
 (54) Novel lipids and compositions for the delivery of therapeutics
 (51) Int. Cl.
A61K 47/00 (2006.01)
A61K 31/01 (2006.01)

(43) 02.03.2023
 (62) 2021201876
 (72) Manoharan, Muthiah; Rajeev, Kallanthottathil G.; Jayaraman, Muthusamy; Butler, David; Narayanannair, Jayaprakash K.; Maier, Martin; Eltepu, Laxman
 (74) Davies Collison Cave Pty Ltd

(71) Arbutus Biopharma Corporation
 (11) AU-A-2023200568
 (21) 2023200568 (22) 03.02.2023
 (54) Novel lipids and compositions for the delivery of therapeutics
 (51) Int. Cl.
A61K 47/00 (2006.01)
A61K 31/01 (2006.01)
 (43) 02.03.2023
 (62) 2021277589
 (72) Manoharan, Muthiah; Jayaraman, Muthusamy; Rajeev, Kallanthottathil G.; Eltepu, Laxman; Ansell, Steven; Chen, Jianxin
 (74) Davies Collison Cave Pty Ltd

(71) Aristocrat Technologies Australia Pty Ltd
 (11) AU-A-2021215193
 (21) 2021215193 (22) 11.08.2021
 (54) GAMING DEVICE WITH MULTIPLE TRIGGER MECHANISMS
 (51) Int. Cl.
G07F 17/32 (2006.01)
 (43) 02.03.2023
 (72) Meyer, Jason; Masci, Joseph
 (74) James & Wells Intellectual Property

(71) Assa Abloy AB
 (11) AU-A-2023200489
 (21) 2023200489 (22) 31.01.2023
 (54) Physical access control systems with localization-based intent detection
 (51) Int. Cl.
G01S 1/00 (2006.01)
G01S 13/76 (2006.01)
G07C 9/00 (2020.01)
G07C 9/22 (2020.01)
G07C 9/28 (2020.01)
G07C 9/29 (2020.01)
H04W 12/06 (2021.01)
H04W 4/02 (2018.01)

(43) 02.03.2023
 (62) 2020249424
 (72) PIRCH, Hans-Juergen; EINBERG, Fredrik Carl Stefan; JONSSON, Tomas Lars; PREVOST, Sylvain Jacques; STEFFL, Jan; FRANK, Hans Gunnar
 (74) Davies Collison Cave Pty Ltd

(71) Atos SE; Degremont
 (11) AU-A-2023200567
 (21) 2023200567 (22) 03.02.2023
 (54) CONTROL OF ACCESS TO THE EQUIPMENT OF A SITE SECURED BY BIOMETRIC AUTHENTICATION
 (51) Int. Cl.
G07C 9/00 (2020.01)

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(43) 02.03.2023
 (62) 2016210060
 (72) Fievez, Eric; Peguet, Steve; Moret, Bruno
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) BAKER HUGHES HOLDINGS LLC
 (11) AU-A-2022206778
 (21) 2022206778 (22) 21.07.2022
 (54) BORON TRIFLUORIDE AS A QUENCH GAS FOR NEUTRON PORTIONAL COUNTERS
 (51) Int. Cl.
 H01J 47/12 (2006.01)
 H01J 47/06 (2006.01)
 (31) 17/401,988 (32) 13.08.21 (33) US
 (43) 02.03.2023
 (72) FREEMAN, Christopher
 (74) FPA Patent Attorneys Pty Ltd

(71) Becton, Dickinson and Company
 (11) AU-A-2023200141
 (21) 2023200141 (22) 12.01.2023
 (54) Syringe tip cap
 (51) Int. Cl.
 A61M 5/32 (2006.01)
 A61M 5/31 (2006.01)
 A61M 5/50 (2006.01)
 (43) 02.03.2023
 (62) 2020315548
 (72) MAHMOODIAN, Roza; MARICI, Paul; EREKOVCANSKI, Nicholas; SAN SOLO, Shoshana
 (74) Dark IP

(71) Becton, Dickinson and Company
 (11) AU-A-2023200273
 (21) 2023200273 (22) 19.01.2023
 (54) Vascular access device adapter
 (51) Int. Cl.
 A61M 39/02 (2006.01)
 (43) 02.03.2023
 (62) 2020345571
 (72) YAN, Bo; XUE, Yueqiang; CHEN, Xiwei; BURKHOLZ, Jonathan Karl
 (74) Dark IP

(71) Beijing Tusen Weilai Technology Co., Ltd.
 (11) AU-A-2021204783
 (21) 2021204783 (22) 08.07.2021
 (54) Positioning method and device based on multi-sensor fusion
 (51) Int. Cl.
 G01S 17/86 (2020.01)
 G01S 17/42 (2006.01)
 G01S 17/58 (2006.01)
 G01S 17/66 (2006.01)
 G01S 17/89 (2020.01)
 G01S 17/931 (2020.01)
 G06F 18/25 (2023.01)
 (43) 02.03.2023
 (72) PAN, Liangliang; ZHAO, Ji; Ji, Kaijin
 (74) FB Rice Pty Ltd

(71) Berkshire Renewable Energy Pty Ltd
 (11) AU-A-2021215195
 (21) 2021215195 (22) 11.08.2021
 (54) TEMPERATURE MONITORING APPARATUS
 (51) Int. Cl.
 G01K 1/024 (2021.01)
 G01F 15/061 (2022.01)
 G01K 5/02 (2006.01)
 G01K 13/02 (2021.01)
 G01L 19/00 (2006.01)
 H04Q 9/02 (2006.01)
 G01F 23/24 (2006.01)
 G05B 19/05 (2006.01)
 H03M 1/12 (2006.01)
 H04W 4/38 (2018.01)

(43) 02.03.2023
 (72) Slack, Kelvin; Sharpe, Lachlan
 (74) Mann IP

(71) Beth Israel Deaconess Medical Center, Inc.; Children's Medical Center Corporation
 (11) AU-A-2023200521
 (21) 2023200521 (22) 01.02.2023
 (54) PRODUCTS AND METHODS TO ISOLATE MITOCHONDRIA
 (51) Int. Cl.
 B01L 3/00 (2006.01)
 B01D 39/00 (2006.01)
 C12M 1/00 (2006.01)
 G01N 1/40 (2006.01)

(43) 02.03.2023
 (62) 2021201217
 (72) McCully, James D.; Levitsky, Sidney; Cowan, Douglas B.; Pacak, Christina A.
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Black & Decker Inc.
 (11) AU-A-2023200547
 (21) 2023200547 (22) 02.02.2023
 (54) System for enhancing operation of power tools
 (51) Int. Cl.
 G05B 19/00 (2006.01)
 B25F 5/00 (2006.01)

(43) 02.03.2023
 (62) 2021200782
 (72) Busscharet, Jason F.; Schell, Craig A.; Herrmann, Christopher
 (74) Davies Collison Cave Pty Ltd

(71) Blanco GmbH + Co KG
 (11) AU-A-2022215163
 (21) 2022215163 (22) 08.08.2022
 (54) Curable Casting Compound For The Manufacture Of Molded Plastics
 (51) Int. Cl.
 C08J 5/04 (2006.01)
 C08J 5/00 (2006.01)
 C08L 67/00 (2006.01)
 (31) 10 2021 208 803.1 (32) 11.08.21 (33) DE
 (43) 02.03.2023
 (72) HAJEK, Andreas
 (74) WRAYS PTY LTD

(71) Block, Inc.
 (11) AU-A-2023200488
 (21) 2023200488 (22) 31.01.2023
 (54) Expedited processing of electronic payment transactions
 (51) Int. Cl.
 G06Q 20/34 (2012.01)
 G06Q 20/40 (2012.01)
 G07F 7/12 (2006.01)
 (43) 02.03.2023
 (62) 2021201114
 (72) TERRA, David; HAN, Koun; WHITE, Michael Wells
 (74) FB Rice Pty Ltd

(71) BonAlive Biomaterials Oy
 (11) AU-A-2023200543
 (21) 2023200543 (22) 02.02.2023
 (54) A Bone Implant
 (51) Int. Cl.

A61L 27/42 (2006.01)
 A61L 27/10 (2006.01)
 A61L 27/54 (2006.01)
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 (43) 02.03.2023
 (62) 2017339120,2022252778
 (72) Ollila, Fredrik; Lindfors, Nina; Björkenheim, Robert; Strömberg, Gustav; Hupa, Leena; Uppstu, Peter; Pajarinen, Jukka
 (74) CHILIAD CONSULTING PTY LTD

(71) Bristol-Myers Squibb Company
 (11) AU-A-2023200557
 (21) 2023200557 (22) 03.02.2023
 (54) COMBINATION OF ANTI-LAG-3 ANTIBODIES AND ANTI-PD-1 ANTIBODIES TO TREAT TUMORS
 (51) Int. Cl.
 C07K 16/28 (2006.01)
 A61K 39/395 (2006.01)
 A61P 35/00 (2006.01)
 (43) 02.03.2023
 (62) 2020203056
 (72) Korman, Alan J.; Lonberg, Nils; Fontana, David J.; Gutierrez, Andres A.; Selby, Mark J.; Lewis, Katherine E.
 (74) AJ PARK

(71) Brother Kogyo Kabushiki Kaisha
 (11) AU-A-2023200542
 (21) 2023200542 (22) 02.02.2023
 (54) DRUM CARTRIDGE AND DEVELOPING CARTRIDGE
 (51) Int. Cl.
 G03G 15/08 (2006.01)
 G03G 21/16 (2006.01)
 G03G 21/18 (2006.01)
 (43) 02.03.2023
 (62) 2020246265
 (72) Itabashi, Nao
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) CareFusion 303, Inc.
 (11) AU-A-2022215249
 (21) 2022215249 (22) 11.08.2022

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(54) MEDICAL STATION WITH MATERIAL COLLECTION POINTS AND CHANNELS
 (51) Int. Cl.
A47B 67/02 (2006.01)
A61B 50/24 (2016.01)
G16H 20/13 (2018.01)
H02K 5/04 (2006.01)
 (31) 63/232,942 (32) 13.08.21 (33) US
 (43) 02.03.2023
 (72) Arroyo, Noe; Hoard, David
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Carter-Hoffmann, LLC
 (11) AU-A-2023200513
 (21) 2023200513 (22) 01.02.2023
 (54) Door movement system for cabinet
 (51) Int. Cl.
A47G 29/14 (2006.01)
 (43) 02.03.2023
 (62) 2022204615
 (72) LESSARD, Carol; MICHALKO, Kelly
 (74) FB Rice Pty Ltd

(71) Carter-Hoffmann, LLC
 (11) AU-A-2023200514
 (21) 2023200514 (22) 01.02.2023
 (54) Door movement system for cabinet
 (51) Int. Cl.
A47G 29/14 (2006.01)
 (43) 02.03.2023
 (62) 2021263319
 (72) LESSARD, Carol; MICHALKO, Kelly
 (74) FB Rice Pty Ltd

(71) Casale SA
 (11) AU-A-2023200551
 (21) 2023200551 (22) 02.02.2023
 (54) Method for producing solid urea by granulation
 (51) Int. Cl.
C05C 9/00 (2006.01)
B01J 2/26 (2006.01)
 (43) 02.03.2023
 (62) 2020267178
 (72) Bedetti, Gianfranco
 (74) Acumen Intellectual Property

(71) Case Western Reserve University
 (11) AU-A-2023200544
 (21) 2023200544 (22) 02.02.2023
 (54) Subthreshold Direct Current (DC) Nerve Conduction Block After Suprathreshold "Priming"
 (51) Int. Cl.
A61N 1/20 (2006.01)
A61N 1/04 (2006.01)
A61N 1/36 (2006.01)
 (43) 02.03.2023
 (62) 2018397759
 (72) VRABEC, Tina L.; SHAW, Laura; KILGORE, Kevin L.; BHADRA, Niloy
 (74) ACROGON GROUP PTY LTD

(71) Caterpillar Inc.
 (11) AU-A-2023200477

(21) 2023200477 (22) 30.01.2023
 (54) System for controlling operation of a machine
 (51) Int. Cl.
B65G 67/02 (2006.01)
 (43) 02.03.2023
 (62) 2017201028
 (72) Vandapel, Nicholas François-Xavier Christophe
 (74) FPA Patent Attorneys Pty Ltd

(71) ChemoCentryx, Inc.
 (11) AU-A-2023200565
 (21) 2023200565 (22) 03.02.2023
 (54) Macrocyclic immunomodulators
 (51) Int. Cl.
C07C 15/24 (2006.01)
A61K 31/195 (2006.01)
A61K 31/335 (2006.01)
 (43) 02.03.2023
 (62) 2018313744
 (72) MALATHONG, Viengkham; MCMAHON, Jeffrey; MCMURTRIE, Darren J.; PUNNA, Sreenivas; ROTH, Howard S.; SINGH, Rajinder; ZHANG, Penglie
 (74) Spruson & Ferguson

(71) CHEP Technology Pty Limited
 (11) AU-A-2023200456
 (21) 2023200456 (22) 27.01.2023
 (54) SITE MATCHING FOR ASSET TRACKING
 (51) Int. Cl.
G06Q 10/08 (2023.01)
H04W 4/029 (2018.01)
 (43) 02.03.2023
 (62) 2021286361
 (72) Connors, Chad; Lee, Brian
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

Children's Medical Center Corporation see Beth Israel Deaconess Medical Center, Inc.
 (21) 2023200521

(71) CMA Macchine Per Caffè S.r.l.
 (11) AU-A-2023200464
 (21) 2023200464 (22) 30.01.2023
 (54) MACHINE AND PROCESS FOR PREPARING A BEVERAGE
 (51) Int. Cl.
A47J 31/52 (2006.01)
A47J 31/36 (2006.01)
A47J 31/46 (2006.01)
 (43) 02.03.2023
 (62) 2018353556
 (72) CEOTTO, Beppino; ZONELLI, Andrea
 (74) Patent Attorney Services

(71) Commercialisation Express Pty Ltd
 (11) AU-A-2023200473
 (21) 2023200473 (22) 30.01.2023
 (54) Improvements to Blockout Blind Systems
 (51) Int. Cl.
E06B 9/42 (2006.01)

E06B 9/78 (2006.01)
 (43) 02.03.2023
 (62) 2022200593
 (72) RIEMELMOSER, John
 (74) Arceo IP

(71) Commonwealth Scientific and Industrial Research Organisation; University of Georgia Research Foundation, Inc.
 (11) AU-A-2023200556
 (21) 2023200556 (22) 03.02.2023
 (54) Production of viruses in cell culture
 (51) Int. Cl.
C12N 15/00 (2006.01)
A61K 39/00 (2006.01)
A61K 39/145 (2006.01)
A61K 39/155 (2006.01)
A61K 39/17 (2006.01)
C12N 7/00 (2006.01)
C12N 15/06 (2006.01)
 (43) 02.03.2023
 (62) 2016361455
 (72) Bean, Andrew; Lowenthal, John William; Malaver-Ortega, Luis Fernando; Tripp, Ralph A.
 (74) FB Rice Pty Ltd

(71) Corteva Agriscience LLC
 (11) AU-A-2023200524
 (21) 2023200524 (22) 01.02.2023
 (54) PLANT PROMOTER AND 3'UTR FOR TRANSGENE EXPRESSION
 (51) Int. Cl.
C12N 15/82 (2006.01)
C12N 15/63 (2006.01)
C12N 15/79 (2006.01)
 (43) 02.03.2023
 (62) 2017260655
 (72) Gupta, Manju; Kumar, Sandeep; Chen, Wei
 (74) Oxygene IP

(71) Crown Equipment Corporation
 (11) AU-A-2023200485
 (21) 2023200485 (22) 30.01.2023
 (54) ON-BOARD CHARGING STATION FOR A REMOTE CONTROL DEVICE
 (51) Int. Cl.
G08C 17/02 (2006.01)
B60L 1/00 (2006.01)
 (43) 02.03.2023
 (62) 2019426894
 (72) WOODRUFF, Vern I.; LUTHMAN, Trisha M.; SCHLOEMER, James F.; PULSKAMP, Steven R.; MEIRING, Donald T.; SHINEW, Matthew T.; PILCHER, Kent D.; DUCKWORTH, Paul C.; HENDON, Audrey
 (74) BOSH IP Pty Ltd

(71) Crown Equipment Corporation
 (11) AU-A-2023200486
 (21) 2023200486 (22) 30.01.2023
 (54) ON-BOARD CHARGING STATION FOR A REMOTE CONTROL DEVICE
 (51) Int. Cl.
G08C 17/02 (2006.01)

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(72) WOODRUFF, Vern I.; LUTTMAN, Trisha M.; SCHLOEMER, James F.; PULSKAMP, Steven R.; MEIRING, Donald T.; SHINEW, Matthew T.; PILCHER, Kent D.; DUCKWORTH, Paul C.; HENDON, Audrey
(74) BOSH IP Pty Ltd

CureVac SE see Acuitas Therapeutics Inc.
(21) 2022235588

(71) Debina Diagnostics, Inc.
(11) AU-A-2023200289
(21) 2023200289 **(22)** 19.01.2023
(54) NANODIAMOND PARTICLES AND RELATED DEVICES AND METHODS
(51) Int. Cl.
G01N 21/64 (2006.01)
B82Y 5/00 (2011.01)
B82Y 15/00 (2011.01)
B82Y 40/00 (2011.01)
G01N 33/50 (2006.01)
G01N 33/533 (2006.01)
(43) 02.03.2023
(62) 2017324859
(72) Feuerstein, Giora Z.; Sternberg, Mark E.
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Deere & Company
(11) AU-A-2022205233
(21) 2022205233 **(22)** 14.07.2022
(54) Obtaining and augmenting agricultural data and generating an augmented display showing anomalies
(51) Int. Cl.
G06Q 50/02 (2012.01)
A01B 79/00 (2006.01)
G01S 19/47 (2010.01)
G06Q 10/04 (2012.01)
H04W 4/021 (2018.01)
(31) 63/231,870 **(32)** 11.08.21 **(33)** US
 17/669,020 10.02.22 US
(43) 02.03.2023
(72) Hubner, Cary S.; Anderson, Noel W.; McDonald, Brandon M.; Ogden, Nathan; Sprabery, Brittany; Mahrt, Sean A.; Schinckel, Sarah L.; Moran, Mark D.
(74) Davies Collison Cave Pty Ltd

(71) Deere & Company
(11) AU-A-2022205236
(21) 2022205236 **(22)** 14.07.2022
(54) Obtaining and augmenting agricultural data and generating an augmented display
(51) Int. Cl.
G16Y 10/05 (2020.01)
A01B 79/00 (2006.01)
G01C 21/36 (2006.01)
G06F 3/14 (2006.01)
G06F 16/909 (2019.01)
G16Y 20/10 (2020.01)

(31) 63/231,870 **(32)** 11.08.21 **(33)** US
 17/669,027 10.02.22 US
(43) 02.03.2023
(72) Anderson, Noel W.; Hubner, Cary S.; McDonald, Brandon M.; Ogden, Nathan; Sprabery, Brittany; Mahrt, Sean A.; Schinckel, Sarah L.; Moran, Mark D.
(74) Davies Collison Cave Pty Ltd

(71) Deere & Company
(11) AU-A-2022205237
(21) 2022205237 **(22)** 14.07.2022
(54) Obtaining and augmenting agricultural data and generating an augmented display
(51) Int. Cl.
G06Q 50/02 (2012.01)
G01C 21/36 (2006.01)
G01S 19/47 (2010.01)
G05B 23/02 (2006.01)
G06F 3/14 (2006.01)
G06F 16/909 (2019.01)
G06Q 10/04 (2012.01)
(31) 63/231,870 **(32)** 11.08.21 **(33)** US
 17/669,030 10.02.22 US
(43) 02.03.2023
(72) Anderson, Noel W.; Hubner, Cary S.; McDonald, Brandon M.; Ogden, Nathan; Sprabery, Brittany; Mahrt, Sean A.; Schinckel, Sarah L.; Moran, Mark D.
(74) Davies Collison Cave Pty Ltd

(71) Deere & Company
(11) AU-A-2022206769
(21) 2022206769 **(22)** 21.07.2022
(54) Gauge wheel scraper for opener disc
(51) Int. Cl.
A01B 15/16 (2006.01)
A01B 13/02 (2006.01)
A01B 35/28 (2006.01)
A01B 71/08 (2006.01)
(31) 17/403,059 **(32)** 16.08.21 **(33)** US
(43) 02.03.2023
(72) Kroth, Roger L.
(74) Davies Collison Cave Pty Ltd

Degremont see Atos SE
(21) 2023200567

(71) DePuy Synthes Products, Inc.
(11) AU-A-2022215236
(21) 2022215236 **(22)** 11.08.2022
(54) System and method for intraoperatively determining image alignment
(51) Int. Cl.
A61B 34/00 (2016.01)
(31) 17/400,104 **(32)** 11.08.21 **(33)** US
(43) 02.03.2023
(72) Andrew, J.; Noah, D.
(74) Spruson & Ferguson

(71) Dolby Laboratories Licensing Corporation
(11) AU-A-2023200502
(21) 2023200502 **(22)** 31.01.2023

(54) System and method for adaptive audio signal generation, coding and rendering
(51) Int. Cl.
H04S 7/00 (2006.01)
H04S 3/00 (2006.01)
(43) 02.03.2023
(62) 2021258043
(72) Robinson, Charles Q.; Tsingos, Nicolas R.; Chabanne, Christophe
(74) Chrysilou IP

(71) Drillscan France SAS
(11) AU-A-2023200452
(21) 2023200452 **(22)** 27.01.2023
(54) Generating drilling paths using a drill model
(51) Int. Cl.
E21B 41/00 (2006.01)
G06F 30/20 (2020.01)
(43) 02.03.2023
(62) 2018286423
(72) MENAND, Stephane
(74) FB Rice Pty Ltd

(71) Editas Medicine, Inc.
(11) AU-A-2022271376
(21) 2022271376 **(22)** 14.11.2022
(54) CRISPR/CAS-related methods and compositions for treating herpes simplex virus
(51) Int. Cl.
C12N 15/113 (2010.01)
A61P 31/22 (2006.01)
C12N 15/09 (2006.01)
C12N 15/63 (2006.01)
(43) 02.03.2023
(62) 2016343991
(72) FRIEDLAND, Ari E.; O'DONNELL, Penrose; BUMCROT, David A.
(74) Spruson & Ferguson

(71) ELECTRACOM PTY. LTD.
(11) AU-A-2022206821
(21) 2022206821 **(22)** 22.07.2022
(54) An Electrical Outlet for Power and/or Data
(51) Int. Cl.
H01R 13/66 (2006.01)
H01R 24/76 (2011.01)
H01R 25/00 (2006.01)
H01R 27/02 (2006.01)
H01R 31/06 (2006.01)
H05K 5/02 (2006.01)
(31) 2021902522 **(32)** 13.08.21 **(33)** AU
(43) 02.03.2023
(72) BAILEY, James
(74) Fraser Old & Sohn

(71) Electrolux Appliances Aktiebolag
(11) AU-A-2023200528
(21) 2023200528 **(22)** 02.02.2023
(54) INDUCTION COOKING HOB AND METHOD FOR CHECKING AN OPTIMAL POSITION OF A COOKING POT ON THE INDUCTION COOKING HOB
(51) Int. Cl.
H05B 6/06 (2006.01)

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 (62) 2017345017
 (72) HOFFMANN, Harald; KLEIN, Gerhard; TUREK, Richard
 (74) Halfords IP

(71) FAST IP, LLC
 (11) AU-A-2023200430
 (21) 2023200430 (22) 27.01.2023
 (54) Rapid-Entry Footwear with Rebounding Fit System
 (51) Int. Cl.
A43B 3/24 (2006.01)
A43B 3/26 (2006.01)
A43B 11/00 (2006.01)
A43B 13/18 (2006.01)
A43B 21/24 (2006.01)
A43B 21/26 (2006.01)
A43C 11/00 (2006.01)

(43) 02.03.2023
 (62) 2017254675
 (72) Pratt, Michael James; Hermann, Steven; Lytle, Seth; Tsen, James Kuangcheng
 (74) Adams Pluck

(71) Felicite Therapeutics, Inc.
 (11) AU-A-2023200428
 (21) 2023200428 (22) 27.01.2023
 (54) Combinations for the treatment of neoplasms using quiescent cell targeting and EGFR inhibitors
 (51) Int. Cl.
A61K 9/127 (2006.01)
A61K 35/76 (2015.01)
A61P 35/00 (2006.01)

(43) 02.03.2023
 (62) 2017248762
 (72) VILENCHIK, Maria; FRID, Michael; KUZNETSOVA, Alexandra; GANKIN, Yuriy; DUEY, Marc
 (74) Spruson & Ferguson

(71) Fisher and Paykel Healthcare Limited
 (11) AU-A-2023200519
 (21) 2023200519 (22) 01.02.2023
 (54) Sensing arrangements for medical devices
 (51) Int. Cl.
G01K 1/08 (2021.01)
A61M 16/16 (2006.01)
G01K 1/14 (2021.01)

(43) 02.03.2023
 (62) 2017371480
 (72) McIntyre, Joshua Peter; Marinovich, Matthew Michael; Osborne, Hamish Adrian; Smith, Graeme Matthew; Ingram, Benjamin John; Boggs, Samuel Graham
 (74) AJ PARK

(71) Fraser, M.
 (11) AU-A-2021215269
 (21) 2021215269 (22) 13.08.2021
 (54) A Marina
 (51) Int. Cl.
E02B 3/06 (2006.01)

B63B 35/34 (2006.01)
 (43) 02.03.2023
 (72) Fraser, Mark Andrew
 (74) Spruson & Ferguson

(71) Fraser, M.
 (11) AU-A-2021215278
 (21) 2021215278 (22) 13.08.2021
 (54) Collapsible infant carriage
 (51) Int. Cl.
B62B 7/06 (2006.01)
B62B 7/12 (2006.01)
B62B 9/12 (2006.01)
A45C 5/06 (2006.01)
A45C 9/00 (2006.01)

(43) 02.03.2023
 (72) Fraser, Mark Andrew
 (74) Spruson & Ferguson

(71) Fujitsu General Limited
 (11) AU-A-2023200451
 (21) 2023200451 (22) 27.01.2023
 (54) Heat exchanger and air conditioner comprising heat exchanger
 (51) Int. Cl.
F28D 1/053 (2006.01)
F24F 1/0067 (2019.01)
F28F 1/02 (2006.01)
F28F 1/32 (2006.01)

(43) 02.03.2023
 (62) 2020247413
 (72) SHIMANO, Daiki; WATANABE, Masatoshi; MAEMA, Yoshinari; TAKA-OKA, Ryo; NAKATA, Shohei; OKA, Kotaro
 (74) Spruson & Ferguson

(71) Futu Network Technology (Shenzhen) Co., Ltd.
 (11) AU-A-2022259836
 (21) 2022259836 (22) 15.07.2022
 (54) Method and apparatus for displaying and analyzing option information, device, and storage medium
 (51) Int. Cl.
G06Q 40/00 (2012.01)

(31) 202110928110.4 (32) 12.08.21 (33) CN
 (43) 02.03.2023
 (72) JIANG, Zhenyuan; HUANG, Xiao
 (74) DAVIS IP PTY LTD

(71) Gligic, S.; Scalzi, A.
 (11) AU-A-2021215188
 (21) 2021215188 (22) 11.08.2021
 (54) A CONCRETE GUITAR AND ITS MANUFACTURING METHOD
 (51) Int. Cl.
G10D 3/22 (2020.01)
B28B 19/00 (2006.01)
C04B 28/04 (2006.01)
C08J 9/228 (2006.01)
G10D 1/08 (2006.01)
C04B 111/00 (2006.01)

(43) 02.03.2023
 (72) Scalzi, Alex; Gligic, Simon
 (74) Arceo IP

(71) Goldmine World, Inc. d/b/a World Bankcard Services
 (11) AU-A-2023200533
 (21) 2023200533 (22) 02.02.2023
 (54) Method and apparatus for multi-language user selection and currency conversion
 (51) Int. Cl.
G06Q 30/00 (2023.01)
 (43) 02.03.2023
 (62) 2020230236
 (72) Im, Sungbin
 (74) Davies Collison Cave Pty Ltd

(71) Google LLC
 (11) AU-A-2023200442
 (21) 2023200442 (22) 27.01.2023
 (54) REDUCING PARASITIC INTERACTIONS IN A QUBIT GRID
 (51) Int. Cl.
G06N 99/00 (2019.01)
 (43) 02.03.2023
 (62) 2021200996
 (72) Martinis, John; Barends, Rami; Fowler, Austin Greg
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Gyrus Medical Limited
 (11) AU-A-2022209346
 (21) 2022209346 (22) 29.07.2022
 (54) Surgical device seal
 (51) Int. Cl.
A61B 18/00 (2006.01)
A61B 17/00 (2006.01)
 (31) 63/231,281 (32) 10.08.21 (33) US
 (43) 02.03.2023
 (72) BLAKE, Nathan Philip
 (74) FB Rice Pty Ltd

H. Lee Moffitt Cancer Center and Research Institute, Inc. see University of South Florida
 (21) 2023200308

(71) Henkel AG & Co. KGaA
 (11) AU-A-2022207323
 (21) 2022207323 (22) 25.07.2022
 (54) Sprayable laundry pre-treatment composition
 (51) Int. Cl.
C11D 3/22 (2006.01)
C11D 1/66 (2006.01)
C11D 3/386 (2006.01)
C11D 17/00 (2006.01)
 (31) EP21190970 (32) 12.08.21 (33) EP
 (43) 02.03.2023
 (72) SHORE, William; ZAMMIT, Mika
 (74) Spruson & Ferguson

(71) HENSOLDT Sensors GmbH
 (11) AU-A-2022215239
 (21) 2022215239 (22) 11.08.2022
 (54) Apparatus for Generating a Layout for an Additive Manufacturing of an Electric Drive

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(51) Int. Cl.
H05K 3/10 (2006.01)
G01R 33/00 (2006.01)
H01F 5/00 (2006.01)
H01F 27/28 (2006.01)
H01F 41/06 (2016.01)
H01L 21/70 (2006.01)
H05K 3/46 (2006.01)
(31) 21191488.2 (32) 16.08.21 (33) EP
(43) 02.03.2023
(72) Gruenfelder, Michael
(74) KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD

(71) Horizon Global Americas Inc.
(11) AU-A-2023200507
(21) 2023200507 (22) 31.01.2023
(54) COMMUNICATION DEVICE, SYSTEM, AND METHOD FOR ACTIVE CONTROL OF EXTERNAL VEHICLE COMPONENTS
(51) Int. Cl.
B60D 1/62 (2006.01)
(43) 02.03.2023
(62) 2017268129
(72) Brickley, Fred; Kulkarni, Chandrakumar D.; Bernart, Francis
(74) Jones Tulloch

(71) Huawei Digital Power Technologies Co., Ltd.
(11) AU-A-2022218464
(21) 2022218464 (22) 15.08.2022
(54) ENERGY STORAGE SYSTEM AND CONTROL METHOD THEREOF
(51) Int. Cl.
H02J 7/00 (2006.01)
G06F 1/30 (2006.01)
H02J 3/32 (2006.01)
(31) 202110929718.9 (32) 13.08.21 (33) CN
(43) 02.03.2023
(72) Li, Lin; Guo, Haibin; Zhou, He
(74) PHILLIPS ORMONDE FITZPATRICK

(71) IGT
(11) AU-A-2022211842
(21) 2022211842 (22) 03.08.2022
(54) Mobile Leaderboard
(51) Int. Cl.
A63F 13/798 (2014.01)
A63F 13/70 (2014.01)
G07F 17/32 (2006.01)
(31) 17/399,373 (32) 11.08.21 (33) US
(43) 02.03.2023
(72) Edsall, Ethan
(74) Clark Intellectual Property Pty Ltd

(71) ImmunityBio, Inc.
(11) AU-A-2022283619
(21) 2022283619 (22) 05.12.2022
(54) Chimeric antigen receptor-modified NK-92 cells
(51) Int. Cl.
C12N 5/0783 (2010.01)
A61K 35/17 (2015.01)
A61K 45/06 (2006.01)
A61P 35/00 (2006.01)

C07K 14/735 (2006.01)
C07K 16/10 (2006.01)
(43) 02.03.2023
(62) 2019375375
(72) BOISSEL, Laurent H.; KLINGEMANN, Hans G.
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) InfraBuild Wire Pty Limited
(11) AU-A-2022215257
(21) 2022215257 (22) 11.08.2022
(54) Post Bracket
(51) Int. Cl.
A01G 17/14 (2006.01)
A01G 17/06 (2006.01)
F16B 7/04 (2006.01)
(31) 2021902499 (32) 11.08.21 (33) AU
(43) 02.03.2023
(72) O'Toole, Lawrence
(74) Griffith Hack

Inovio Pharmaceuticals, Inc. see The Trustees of the University of Pennsylvania
(21) 2023200517

(71) Intuit Inc.
(11) AU-A-2022204443
(21) 2022204443 (22) 23.06.2022
(54) Real-time error prevention during invoice creation
(51) Int. Cl.
G06Q 20/14 (2012.01)
(31) 17/398,729 (32) 10.08.21 (33) US
(43) 02.03.2023
(72) KAVETI, Naveen Kumar; SUBRAHMANIAM, Vignesh Thirukazhukundram; CHAUHAN, Abhishek; DATHA, Polavarapu Viswa
(74) Davies Collison Cave Pty Ltd

(71) Ishida Co., Ltd.
(11) AU-A-2022215240
(21) 2022215240 (22) 11.08.2022
(54) WEIGHING AND PACKAGING SYSTEM
(51) Int. Cl.
B65B 9/20 (2012.01)
B65B 57/16 (2006.01)
(31) 2021-131619 (32) 12.08.21 (33) JP
(43) 02.03.2023
(72) Ichikawa, Makoto; Hashimoto, Satoshi; Ohtani, Takafumi; Tong, Yuchuan; Sasaki, Ryo
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Johnston Family Group Pty Ltd
(11) AU-A-2023200457
(21) 2023200457 (22) 27.01.2023
(54) A Connector For Joining Bars
(51) Int. Cl.
E04C 5/16 (2006.01)
(43) 02.03.2023
(62) 2017303920
(72) Lu, Desheng
(74) MOSAIC IP

(71) K2M, Inc.
(11) AU-A-2023200449
(21) 2023200449 (22) 27.01.2023
(54) MODULAR SPINAL FIXATION DEVICE
(51) Int. Cl.
A61B 17/70 (2006.01)
(43) 02.03.2023
(62) 2018210147
(72) Barrus, Michael; Moore, Brandon
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) Klein Tools, Inc.
(11) AU-A-2022215171
(21) 2022215171 (22) 09.08.2022
(54) Multiple-bit hand tool including power nut/bit driver
(51) Int. Cl.
B25G 1/06 (2006.01)
B25B 15/02 (2006.01)
B25B 23/00 (2006.01)
B25G 1/08 (2006.01)
(31) 17/721,006 (32) 14.04.22 (33) US
63/233,186 13.08.21 US
(43) 02.03.2023
(72) MANGINI, Christopher
(74) Spruson & Ferguson

(71) Kobogosei Co., Ltd.
(11) AU-A-2023200532
(21) 2023200532 (22) 02.02.2023
(54) Aerosol detergent composition
(51) Int. Cl.
C11D 7/50 (2006.01)
C11D 7/30 (2006.01)
C11D 17/08 (2006.01)
C23G 5/00 (2006.01)
(43) 02.03.2023
(62) 2021201984
(72) MIYAOKA, Masanobu; MIYAOKA, Yuuji
(74) FB Rice Pty Ltd

(71) Kolibree SAS
(11) AU-A-2023200463
(21) 2023200463 (22) 30.01.2023
(54) ORAL HYGIENE SYSTEM FOR COMPLIANCE MONITORING AND TELE-DENTISTRY SYSTEM
(51) Int. Cl.
A46B 15/00 (2006.01)
A61C 17/16 (2006.01)
A61C 17/22 (2006.01)
(43) 02.03.2023
(62) 2017316731
(72) Serval, Thomas; Nicolas, Yann; Williams, Leonie
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) LG Electronics Inc.
(11) AU-A-2023200427
(21) 2023200427 (22) 27.01.2023
(54) Clothes processing apparatus
(51) Int. Cl.
D06F 58/20 (2006.01)

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D06F 58/04 (2006.01)
D06F 58/06 (2006.01)
D06F 58/10 (2006.01)
D06F 58/24 (2006.01)
D06F 58/26 (2006.01)
(43) 02.03.2023
(62) 2019265183
(72) LEE, Hyuksoo; PARK, Soowon; LEE, Kwangjo; LEE, Manseok; KANG, Woo-hee; KIM, Seonghwan; LEE, Ingeon; JE, Haeyoon
(74) Dentons Patent Attorneys Australasia Limited

(71) Lifetime Brands, Inc.
(11) AU-A-2022215277
(21) 2022215277 **(22)** 12.08.2022
(54) Salad spinner
(51) Int. Cl.
A47J 43/24 (2006.01)
A47J 42/24 (2006.01)
A47J 43/10 (2006.01)
F26B 5/08 (2006.01)
F26B 17/30 (2006.01)
(31) 17/400,737 **(32)** 12.08.21 **(33)** US
(43) 02.03.2023
(72) Krus, Matthew; Morgan, Ian; Piercy, Sami
(74) FPA Patent Attorneys Pty Ltd

(71) Lipofabrik
(11) AU-A-2023200416
(21) 2023200416 **(22)** 25.01.2023
(54) BIOSTIMULANT COMPOSITION FOR PLANT GROWTH, CONTAINING LIPOPEPTIDES
(51) Int. Cl.
A01N 63/22 (2020.01)
A01P 21/00 (2006.01)
(43) 02.03.2023
(62) 2017385886
(72) Coutte, François; Delecroix, Arnaud; El Ghazouani, Abdelnasser; Jacques, Philippe
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) M&R Printing Equipment, Inc.
(11) AU-A-2023200494
(21) 2023200494 **(22)** 31.01.2023
(54) Hybrid silk screen and direct-to-garment printing machine and process
(51) Int. Cl.
B41F 15/14 (2006.01)
B41M 1/26 (2006.01)
B41M 5/00 (2006.01)
(43) 02.03.2023
(62) 2021203885
(72) HOFFMAN Jr., Richard C.; BAXTER, Geoff
(74) Spruson & Ferguson

(71) MACSUMSUK GM CO., LTD.
(11) AU-A-2021221676
(21) 2021221676 **(22)** 25.08.2021
(54) METHOD FOR PREPARING ORGANIC COATED FEED (FOR PET) USING

CLAY MINERAL AND ORGANIC MATTER
(51) Int. Cl.
A23K 40/30 (2016.01)
A23K 10/30 (2016.01)
A23K 20/10 (2016.01)
A23K 20/20 (2016.01)
(31) KR **(32)** 13.08.21 **(33)** KR
 10-2021-0107350
(43) 02.03.2023
(72) KWAK, Sung Gun
(74) Atkinson IP

(71) Mahindra & Mahindra Limited
(11) AU-A-2022215206
(21) 2022215206 **(22)** 10.08.2022
(54) Ultra-light weight and high noise absorbent foam material HVAC duct for vehicle
(51) Int. Cl.
B60H 1/00 (2006.01)
B60H 1/24 (2006.01)
(31) 202141036253 **(32)** 11.08.21 **(33)** IN
(43) 02.03.2023
(72) NIMMAGADDA, Ramakrishna; KAKANI, Phani; PATTANASHETTI, Harsha; JOSEPH, Sareesh; SRIPERUMBUDUR, Srivatsa; SUDHIR, Srikanth
(74) Griffith Hack

(71) Mahindra and Mahindra Limited
(11) AU-A-2022215221
(21) 2022215221 **(22)** 10.08.2022
(54) AN INSTRUMENT PANEL FOR A VEHICLE
(51) Int. Cl.
B62D 25/14 (2006.01)
B60K 37/00 (2006.01)
B60R 11/00 (2006.01)
B60R 11/02 (2006.01)
(31) 202141036081 **(32)** 10.08.21 **(33)** IN
(43) 02.03.2023
(72) SHARMA, Anil Kumar; KAKADE, Ritesh; SHINDE, Niraj; SHAIK, Amith; GAHANAAAY, Ganeaysh
(74) CreateIP

(71) MedicalTree Patent Ltd
(11) AU-A-2023200561
(21) 2023200561 **(22)** 03.02.2023
(54) Heart Help Device, System, and Method
(51) Int. Cl.
A61M 1/12 (2006.01)
A61H 31/00 (2006.01)
A61M 27/00 (2006.01)
(43) 02.03.2023
(62) 2021201538
(72) Forsell, Peter
(74) WRAYS PTY LTD

(71) Metrix Group Pty Ltd
(11) AU-A-2021221691
(21) 2021221691 **(22)** 25.08.2021
(54) PERFORATED IMAGING WITH VARIABLE OPENINGS

(51) Int. Cl.
B44C 3/08 (2006.01)
B23K 26/36 (2014.01)
B23K 26/38 (2014.01)
G09F 13/02 (2006.01)
G09F 13/16 (2006.01)
(43) 02.03.2023
(72) Moyes, Phillip; Morley, Kelvin
(74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD

(71) MISTRAS Group, Inc.
(11) AU-A-2022215246
(21) 2022215246 **(22)** 11.08.2022
(54) AUTOMATED CIRCUMFERENTIAL PIPE SCANNING SYSTEM
(51) Int. Cl.
G01N 23/04 (2018.01)
B65G 43/00 (2006.01)
F17D 5/00 (2006.01)
H04N 7/00 (2011.01)
(31) 17/402,248 **(32)** 13.08.21 **(33)** US
(43) 02.03.2023
(72) Musgrave, John; Morris, Elliott; Morris, Kelly
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Mitsubishi Electric Corporation
(11) AU-A-2023200550
(21) 2023200550 **(22)** 02.02.2023
(54) REFRIGERATION CYCLE APPARATUS
(51) Int. Cl.
F25B 1/00 (2006.01)
(43) 02.03.2023
(62) 2019452470
(72) TASHIRO, Yusuke; HAYAMARU, Yasuhide; SATO, Masakazu; KONDO, Masakazu; KAWASHIMA, Atsushi
(74) Griffith Hack

(71) Mooch It Pty Ltd
(11) AU-A-2023200482
(21) 2023200482 **(22)** 30.01.2023
(54) PEER TO PEER LOAN SYSTEM AND PROCESS
(51) Int. Cl.
G06Q 40/02 (2023.01)
(43) 02.03.2023
(62) 2017254734
(72) Morris, Aaron
(74) Wynnes Patent and Trade Mark Attorneys Pty Ltd

(71) NEW IMAGE INTERNATIONAL LIMITED
(11) AU-A-2021215259
(21) 2021215259 **(22)** 13.08.2021
(54) ORAL COMPOSITIONS FOR PROMOTING HEALTH AND WELL-BEING AND USES THEREFOR
(51) Int. Cl.
A61K 39/395 (2006.01)
A23L 33/19 (2016.01)
A61K 38/40 (2006.01)
A61P 31/00 (2006.01)

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A61P 31/14 (2006.01)
A61P 37/04 (2006.01)
C07K 16/02 (2006.01)
C07K 16/04 (2006.01)
C07K 16/06 (2006.01)
 A23J 1/20 (2006.01)
 A61K 39/00 (2006.01)
(43) 02.03.2023
(72) Webster, Gillian Alison
(74) James & Wells Intellectual Property

(71) Next2Sun GmbH
(11) AU-A-2023200555
(21) 2023200555 **(22)** 03.02.2023
(54) PHOTOVOLTAIC SYSTEM AND ASSOCIATED USE
(51) Int. Cl.
H02S 20/10 (2014.01)
(43) 02.03.2023
(62) 2017384503
(72) Hildebrandt, Heiko; Probst, Markus; Brill, Thomas; Zwosta, Nicolai; Baldy, Robert
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Nichia Corporation
(11) AU-A-2023200469
(21) 2023200469 **(22)** 30.01.2023
(54) LIGHT EMITTING DEVICE
(51) Int. Cl.
F21V 9/08 (2018.01)
F21K 2/00 (2006.01)
(43) 02.03.2023
(62) 2021201829
(72) KAWANO, Kenji; YAMAMOTO, Atsushi
(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) Nicoventures Trading Limited
(11) AU-A-2023200461
(21) 2023200461 **(22)** 30.01.2023
(54) A control device for an electronic aerosol provision system
(51) Int. Cl.
A24F 47/00 (2020.01)
A61M 11/04 (2006.01)
A61M 15/06 (2006.01)
(43) 02.03.2023
(62) 2022200289
(72) MOLONEY, Patrick; KORUS, Anton; CHAN, Justin Han Yang
(74) Spruson & Ferguson

(71) Nicoventures Trading Limited
(11) AU-A-2023200493
(21) 2023200493 **(22)** 31.01.2023
(54) Device calibration and method
(51) Int. Cl.
A24F 47/00 (2020.01)
(43) 02.03.2023
(62) 2019375079
(72) LEADLEY, David
(74) Spruson & Ferguson

(71) Norwood Industries Inc.
(11) AU-A-2022215263

(21) 2022215263 **(22)** 11.08.2022
(54) PLANER / MOULDER DRUM BRAKE
(51) Int. Cl.
F16D 65/14 (2006.01)
B27C 1/14 (2006.01)
B27G 21/00 (2006.01)
F16D 49/10 (2006.01)
(31) 3,127,409 **(32)** 11.08.21 **(33)** CA
(43) 02.03.2023
(72) Cabrit, Sebastien; Dale, Ashlynn; Vanderheyden, Daniel
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Nozomi Networks Sagl
(11) AU-A-2022215200
(21) 2022215200 **(22)** 10.08.2022
(54) Method for automatic translation of ladder logic to a SMT-based model checker in a network
(51) Int. Cl.
G05B 19/05 (2006.01)
G05B 17/00 (2006.01)
(31) 17/400,947 **(32)** 12.08.21 **(33)** US
(43) 02.03.2023
(72) BRUTTOMESSO, Roberto; DI PINTO, Alessandro; CARULLO, Moreno; CARCANO, Andrea
(74) FPA Patent Attorneys Pty Ltd

(71) Nunhems B.V.
(11) AU-A-2021215263
(21) 2021215263 **(22)** 13.08.2021
(54) Lettuce Variety NUN 09153 LTL
(51) Int. Cl.
A01H 6/14 (2018.01)
A01H 1/00 (2006.01)
A01H 5/12 (2018.01)
(43) 02.03.2023
(72) van Zee, Johan
(74) Davies Collison Cave Pty Ltd

(71) Nunhems B.V.
(11) AU-A-2021215264
(21) 2021215264 **(22)** 13.08.2021
(54) Lettuce Variety NUN 08230 LTL
(51) Int. Cl.
A01H 6/14 (2018.01)
A01H 1/00 (2006.01)
A01H 5/12 (2018.01)
(43) 02.03.2023
(72) Munoz, Juan Francisco Munoz
(74) Davies Collison Cave Pty Ltd

(71) Orbus Therapeutics, Inc.
(11) AU-A-2023200537
(21) 2023200537 **(22)** 02.02.2023
(54) Compositions and methods for use of eflornithine and derivatives and analogs thereof to treat cancers, including gliomas
(51) Int. Cl.
A61K 31/195 (2006.01)
A61K 31/197 (2006.01)
A61P 35/04 (2006.01)

(43) 02.03.2023
(62) 2017236646
(72) LEVIN, Victor A.
(74) Spruson & Ferguson

Ornatas Pty Ltd see University of Tasmania
(21) 2021218018

(71) Panasonic Intellectual Property Management Co., Ltd.
(11) AU-A-2023200495
(21) 2023200495 **(22)** 31.01.2023
(54) Transmission apparatus and transmission method
(51) Int. Cl.
H04L 27/26 (2006.01)
H04B 7/04 (2017.01)
H04J 99/00 (2009.01)
(43) 02.03.2023
(62) 2021201793
(72) SIM, Michael Hong Cheng; URABE, Yoshio; HUANG, Lei
(74) Griffith Hack

(71) Paspaley Pearls Pty Ltd.
(11) AU-A-2021215144
(21) 2021215144 **(22)** 10.08.2021
(54) Item of jewellery
(51) Int. Cl.
A44C 17/02 (2006.01)
A44C 17/04 (2006.01)
B23P 5/00 (2006.01)
A44C 27/00 (2006.01)
(43) 02.03.2023
(72) Kappen, Sebastian
(74) FB Rice Pty Ltd

(71) Pharmacyclics LLC
(11) AU-A-2023200435
(21) 2023200435 **(22)** 27.01.2023
(54) Crystalline forms of a Bruton's tyrosine kinase inhibitor
(51) Int. Cl.
A61K 47/38 (2006.01)
A61K 9/48 (2006.01)
A61K 47/30 (2006.01)
A61P 29/00 (2006.01)
A61P 35/00 (2006.01)
(43) 02.03.2023
(62) 2020239751
(72) SMYTH, Mark; GOLDMAN, Erick; WIRTH, David D.; PURRO, Norbert
(74) Spruson & Ferguson

(71) Piez, R.
(11) AU-A-2022215150
(21) 2022215150 **(22)** 08.08.2022
(54) An aluminium patio framing system
(51) Int. Cl.
E04B 1/24 (2006.01)
E04C 3/04 (2006.01)
E04C 5/01 (2006.01)
(31) 2021902544 **(32)** 16.08.21 **(33)** AU

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(72) Piez, Robert
(74) Actuate Patents

(71) Preece, S.
(11) AU-A-2021215149
(21) 2021215149 (22) 10.08.2021
(54) Hydration
(51) Int. Cl.
A61B 5/00 (2006.01)
A61B 5/024 (2006.01)
G08B 23/00 (2006.01)
G01F 13/00 (2006.01)
G01L 11/02 (2006.01)

(43) 02.03.2023
(72) Preece, Sam
(74) BRM Patent Attorneys Pty Ltd

(71) Raven Engineered Films, Inc.
(11) AU-A-2023200429
(21) 2023200429 (22) 27.01.2023
(54) ENERGY CONVERTING FILMS AND ASSEMBLIES INCLUDING THE SAME
(51) Int. Cl.
B29C 65/14 (2006.01)
B29C 65/04 (2006.01)
B29C 65/36 (2006.01)

(43) 02.03.2023
(62) 2018443904
(72) REDFORD, Steven G.
(74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

(71) Rheem Australia Pty Limited
(11) AU-A-2023200424
(21) 2023200424 (22) 27.01.2023
(54) A SYSTEM, APPARATUS AND METHOD FOR EFFICIENT USE OF SOLAR PHOTOVOLTAIC ENERGY
(51) Int. Cl.
H02S 10/20 (2014.01)
F24D 19/10 (2006.01)
H02J 3/28 (2006.01)

(43) 02.03.2023
(62) 2016250449
(72) STEPA, Grant; KERR, Peter
(74) Halfords IP

(71) Royal Melbourne Institute of Technology
(11) AU-A-2022224848
(21) 2022224848 (22) 15.08.2022
(54) Method and systems for respiratory sound classification
(51) Int. Cl.
G06K 9/00 (2022.01)
A61B 5/08 (2006.01)
(31) 2021902532 (32) 13.08.21 (33) AU
(43) 02.03.2023
(72) XUE, Hao; SALIM, Flora D.
(74) FB Rice Pty Ltd

(71) RSP Systems A/S
(11) AU-A-2023200496
(21) 2023200496 (22) 31.01.2023

(54) ANALYTE DETECTION APPARATUS AND METHOD OF DETECTING AN ANALYTE
(51) Int. Cl.
G01J 3/02 (2006.01)
G01J 3/12 (2006.01)
G01J 3/18 (2006.01)
G01J 3/28 (2006.01)
G01J 3/36 (2006.01)
G01J 3/44 (2006.01)

(43) 02.03.2023
(62) 2017370838
(72) BANKE, Stefan Ovesen
(74) Baxter Patent Attorneys Pty Ltd

(71) saltech AG
(11) AU-A-2023200529
(21) 2023200529 (22) 02.02.2023
(54) Projectile with penetrator
(51) Int. Cl.
F42B 12/06 (2006.01)

(43) 02.03.2023
(62) 2017320928
(72) Stadelmann, Roger August
(74) FPA Patent Attorneys Pty Ltd

(71) Sawatsky, A.
(11) AU-A-2022205202
(21) 2022205202 (22) 13.07.2022
(54) Apparatus and Methods for Reducing Vibration of 3D Printers
(51) Int. Cl.
F16F 15/02 (2006.01)
B22F 12/00 (2021.01)
B22F 12/30 (2021.01)
B28B 1/00 (2006.01)
B29C 64/232 (2017.01)
B29C 64/25 (2017.01)
B33Y 30/00 (2015.01)
(31) 17/400,372 (32) 12.08.21 (33) US
(43) 02.03.2023
(72) Sawatsky, Ashley
(74) Michael Buck IP

(71) Sayfa R&D Pty Ltd
(11) AU-A-2022283695
(21) 2022283695 (22) 10.08.2022
(54) A fall protection safety rail system
(51) Int. Cl.
A62B 35/00 (2006.01)
E04G 21/32 (2006.01)
(31) 2021902519 (32) 13.08.21 (33) AU
(43) 02.03.2023
(72) VOSS, Murray; VOSS, Barry
(74) Actuate Patents

(71) Scaled Microbiomics, LLC
(11) AU-A-2023200385
(21) 2023200385 (22) 25.01.2023
(54) SYSTEMS AND METHODS FOR ALTERING MICROBIOME TO REDUCE DISEASE RISK AND MANIFESTATIONS OF DISEASE
(51) Int. Cl.
A23K 20/147 (2016.01)
A61K 35/57 (2015.01)
A61K 35/74 (2015.01)

A61K 39/395 (2006.01)
C07K 16/12 (2006.01)

(43) 02.03.2023
(62) 2018306813
(72) Goepp, Julius George Konrad
(74) PHILLIPS ORMONDE FITZPATRICK

Scalzi, A. see Gligic, S.
(21) 2021215188

(71) Skin2Neuron Pty Ltd.
(11) AU-A-2023200492
(21) 2023200492 (22) 31.01.2023
(54) Expansion and differentiation of neuronal precursor cells
(51) Int. Cl.
C12N 5/074 (2010.01)
C12N 5/079 (2010.01)
C12N 5/0797 (2010.01)
(43) 02.03.2023
(62) 2019290037
(72) Valenzuela, Michael; Duncan, Tom; Truong, An
(74) FPA Patent Attorneys Pty Ltd

(71) So Spark Ltd.
(11) AU-A-2023200480
(21) 2023200480 (22) 30.01.2023
(54) Rapid high-pressure microwave thermal decomposition system, capsule and method for using same
(51) Int. Cl.
B65D 83/14 (2006.01)
B01J 7/00 (2006.01)
B01J 19/12 (2006.01)
C01B 32/50 (2017.01)
F16K 17/40 (2006.01)
G01S 1/02 (2010.01)
(43) 02.03.2023
(62) 2021202779
(72) Shalev, Pinchas
(74) Griffith Hack

(71) Stratco (Australia) Pty Limited
(11) AU-A-2021215180
(21) 2021215180 (22) 11.08.2021
(54) FENCE AND FENCING SYSTEM
(51) Int. Cl.
E04H 17/16 (2006.01)
E04H 17/14 (2006.01)
(43) 02.03.2023
(72) Dorsey, Jason
(74) Phillips Ormonde Fitzpatrick

(71) Strategies Unleashed Pty Ltd
(11) AU-A-2021215199
(21) 2021215199 (22) 11.08.2021
(54) Spark suppression in battery powered devices on battery connection and/or disconnection
(51) Int. Cl.
H01H 33/38 (2006.01)
H01H 50/38 (2006.01)
H01H 75/10 (2006.01)
H01R 13/53 (2006.01)
H01R 31/06 (2006.01)

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H02J 7/00 (2006.01)
H01H 39/00 (2006.01)
H01H 73/48 (2006.01)
H01H 83/20 (2006.01)
H01R 13/703 (2006.01)
(43) 02.03.2023
(72) Marder, C.
(74) Acumen Intellectual Property

(71) STRYTEX PTY LTD
(11) AU-A-2021218011
(21) 2021218011 **(22)** 16.08.2021
(54) ACTIVITY BASED COMPLIANCE
(51) Int. Cl.
G06Q 10/06 (2012.01)
(43) 02.03.2023
(72) DALTON-BROWN, Nigel
(74) Oxygene IP

(71) Su-N Energy Holdings Ltd
(11) AU-A-2023200546
(21) 2023200546 **(22)** 02.02.2023
(54) Method of making a mercury based compound, mercury based compound, methods of using the mercury based compound and uses of the mercury based compound
(51) Int. Cl.
C01G 13/00 (2006.01)
C01G 13/04 (2006.01)
G21F 9/00 (2006.01)
G21G 5/00 (2006.01)
(43) 02.03.2023
(62) 2020281000
(72) PAREKH, Suneel Navnitdas; PAREKH, Navnitdas Radhakishan
(74) Spruson & Ferguson

(71) Synta Pharmaceuticals Corp.
(11) AU-A-2023200554
(21) 2023200554 **(22)** 03.02.2023
(54) Combination therapy for treatment of ovarian cancer
(51) Int. Cl.
A61K 31/05 (2006.01)
A61K 31/353 (2006.01)
A61K 31/4196 (2006.01)
A61K 31/4745 (2006.01)
A61K 31/661 (2006.01)
A61K 31/675 (2006.01)
(43) 02.03.2023
(62) 2017227534
(72) PROIA, David
(74) Spruson & Ferguson

TAIWAN INNOVATIVE INTEGRATION SERVICES CO., LTD. see VITAE BIOMEDICAL CO., LTD.
(21) 2022215245

(71) Takeda Pharmaceutical Company Limited
(11) AU-A-2023200434
(21) 2023200434 **(22)** 27.01.2023
(54) Constrained conditionally activated binding proteins

(51) Int. Cl.
C07K 16/18 (2006.01)
A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
C07K 16/30 (2006.01)
(43) 02.03.2023
(62) 2018328291
(72) MAY, Chad; DUBRIDGE, Robert B.; VINOGRADOVA, Maia; PANCHAL, Anand
(74) Davies Collison Cave Pty Ltd

(71) Takeda Pharmaceutical Company Limited
(11) AU-A-2023200437
(21) 2023200437 **(22)** 27.01.2023
(54) Constrained conditionally activated binding proteins
(51) Int. Cl.
C07K 16/18 (2006.01)
A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
C07K 16/30 (2006.01)
(43) 02.03.2023
(62) 2018328291
(72) MAY, Chad; DUBRIDGE, Robert B.; VINOGRADOVA, Maia; PANCHAL, Anand
(74) Davies Collison Cave Pty Ltd

(71) Takeda Pharmaceutical Company Limited
(11) AU-A-2023200462
(21) 2023200462 **(22)** 30.01.2023
(54) Immunoassay to detect cleaved high molecular weight kininogen
(51) Int. Cl.
G01N 33/68 (2006.01)
G01N 33/86 (2006.01)
(43) 02.03.2023
(62) 2016340826
(72) SEXTON, Daniel J.; FAUCETTE, Ryan; COSIC, Janja
(74) Spruson & Ferguson

(71) Tekion Corp
(11) AU-A-2023200460
(21) 2023200460 **(22)** 30.01.2023
(54) DOCUMENT SHARING WITH ANNOTATIONS
(51) Int. Cl.
G06F 3/00 (2006.01)
(43) 02.03.2023
(62) 2021256041
(72) SAHGAL, Abhinandan; HOU, Justin Alexander Chi-Young; GUPTA, Gaurav; THOMAS, Nirmal Sajo
(74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd

(71) Terumo Cardiovascular Systems Corporation
(11) AU-A-2022211835
(21) 2022211835 **(22)** 03.08.2022
(54) Augmented-reality endoscopic vessel harvesting
(51) Int. Cl.

A61B 18/04 (2006.01)
A61B 1/00 (2006.01)
A61B 34/10 (2016.01)
A61B 34/20 (2016.01)
(31) 17/399,225 **(32)** 11.08.21 **(33)** US
(43) 02.03.2023
(72) GERIC, Joseph Marc; TSUBOUCHI, Takeshi; KADYKOWSKI, Randal James; FUJII, Tatsunori
(74) Spruson & Ferguson

(71) Terumo Cardiovascular Systems Corporation
(11) AU-A-2022211836
(21) 2022211836 **(22)** 03.08.2022
(54) Endoscopic vessel harvesting with thermal management and augmented reality display
(51) Int. Cl.
A61B 18/04 (2006.01)
A61B 1/04 (2006.01)
(31) 17/399,229 **(32)** 11.08.21 **(33)** US
(43) 02.03.2023
(72) GERIC, Joseph Marc; TSUBOUCHI, Takeshi; KADYKOWSKI, Randal James; FUJII, Tatsunori
(74) Spruson & Ferguson

(71) TGS-NOPEC Geophysical Company
(11) AU-A-2023200453
(21) 2023200453 **(22)** 27.01.2023
(54) Reconnaissance marine seismic surveys having reduced density of sail lines
(51) Int. Cl.
G01V 1/38 (2006.01)
(43) 02.03.2023
(62) 2017240650
(72) BERNITSAS, Nikolaos
(74) Spruson & Ferguson

(71) The Boeing Company
(11) AU-A-2022202493
(21) 2022202493 **(22)** 14.04.2022
(54) Fuel dams, aircraft wing boxes, aircraft, and methods of assembling aircraft wings
(51) Int. Cl.
B64F 5/10 (2017.01)
B64C 3/18 (2006.01)
(31) 17/402,098 **(32)** 13.08.21 **(33)** US
(43) 02.03.2023
(72) TALCOTT, Kristopher William; ABDOUCH, Mark; WHITMER, Matthew McKinley; DIAZ, Fernando L. Perez; RICHARDSON, Mark Edmund; SUKHOMLINOV, Alexander S.
(74) Spruson & Ferguson

(71) The NOCO Company
(11) AU-A-2023200471
(21) 2023200471 **(22)** 30.01.2023
(54) Portable vehicle battery jump start apparatus with safety protection
(51) Int. Cl.
H02J 7/00 (2006.01)

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(62) 2022200612
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(74) Griffith Hack
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- (71) The Regents of the University of California
(11) AU-A-2022256122
(21) 2022256122 (22) 19.10.2022
(54) Novel Proteins From Anaerobic Fungi And Uses Thereof
(51) Int. Cl.
C12N 9/00 (2006.01)
C07K 14/37 (2006.01)
C12N 9/24 (2006.01)
C12N 9/96 (2006.01)
C12N 15/52 (2006.01)
C12P 17/18 (2006.01)
(43) 02.03.2023
(62) 2016366227
(72) O'Malley, Michelle; Solomon, Kevin; Haitjema, Charles
(74) WRAYS PTY LTD
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- (71) The Trustees of the University of Pennsylvania; Inovio Pharmaceuticals, Inc.
(11) AU-A-2023200517
(21) 2023200517 (22) 01.02.2023
(54) Consensus prostate antigens nucleic acid molecule encoding the same and vaccine and uses comprising the same
(51) Int. Cl.
C07K 14/00 (2006.01)
A61K 48/00 (2006.01)
C07H 21/00 (2006.01)
(43) 02.03.2023
(62) 2020203908
(72) Weiner, David B.; Yan, Jian; Ferraro, Bernadette; Sardesai, Niranjan Y.; Ramanathan, Mathura P.
(74) FB Rice Pty Ltd
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- (71) The University of Queensland
(11) AU-A-2021218014
(21) 2021218014 (22) 16.08.2021
(54) Apparatus and method for forming emulsions for use in flotation
(51) Int. Cl.
B01F 25/312 (2022.01)
B01F 23/41 (2022.01)
B03D 1/02 (2006.01)
B03D 1/14 (2006.01)
(43) 02.03.2023
(72) Peng, Yougjun; Chen, Xumeng
(74) Spruson & Ferguson
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- (71) Titan Trailers Inc.
(11) AU-A-2023200491
(21) 2023200491 (22) 31.01.2023
(54) Cylindrical cargo container construction
(51) Int. Cl.
B65D 88/06 (2006.01)
B60P 1/64 (2006.01)
B60P 3/22 (2006.01)
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B62D 65/00 (2006.01)
(43) 02.03.2023
(62) 2017383126
(72) Kloepfer, Michael; Howden, Trever Lorne; Kloepfer, Christopher Howard
(74) Griffith Hack
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- (71) TNBT Holdings Pty Limited
(11) AU-A-2022215226
(21) 2022215226 (22) 11.08.2022
(54) An Improved Pretensioned Unit for A Padlock
(51) Int. Cl.
E05B 67/06 (2006.01)
E05B 67/24 (2006.01)
(31) 2021902516 (32) 12.08.21 (33) AU
(43) 02.03.2023
(72) Szarka-Kovacs, Zsolt
(74) Chrysilium IP
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- (71) Toshiba Energy Systems & Solutions Corporation
(11) AU-A-2022204916
(21) 2022204916 (22) 08.07.2022
(54) METAL COMPONENT FOR ELECTROCHEMICAL STACK AND ELECTROCHEMICAL STACK
(51) Int. Cl.
H01M 8/0228 (2016.01)
C25B 1/04 (2021.01)
C25B 1/23 (2021.01)
C25B 9/73 (2021.01)
H01M 8/0206 (2016.01)
H01M 8/0273 (2016.01)
H01M 8/0612 (2016.01)
H01M 8/12 (2016.01)
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(72) INUZUKA, Riko; KAMEDA, Tsunej; ASAYAMA, Masahiro; OSADA, Norikazu; KOBAYASHI, Shohei
(74) Griffith Hack
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- (71) Toshiba Energy Systems & Solutions Corporation
(11) AU-A-2022206791
(21) 2022206791 (22) 21.07.2022
(54) Blade damage evaluation apparatus, blade damage evaluation method, and blade damage evaluation program
(51) Int. Cl.
F03D 17/00 (2016.01)
(31) 2021-130513 (32) 10.08.21 (33) JP
(43) 02.03.2023
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(74) Davies Collison Cave Pty Ltd
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- (71) Transportation IP Holdings, LLC
(11) AU-A-2022205194
(21) 2022205194 (22) 13.07.2022
(54) EVALUATION SYSTEM AND METHOD
(51) Int. Cl.
G01F 23/22 (2006.01)
G01B 7/02 (2006.01)
G01R 19/00 (2006.01)
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- G05B 19/048 (2006.01)
G05B 23/02 (2006.01)
(31) 17/401,268 (32) 12.08.21 (33) US
(43) 02.03.2023
(72) Langness, Chenaniah; Lander, Benedict George; Kocienski, Stephen
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71) Transportation IP Holdings, LLC
(11) AU-A-2022209214
(21) 2022209214 (22) 26.07.2022
(54) INSERT DEVICE FOR FUEL INJECTION
(51) Int. Cl.
F02M 67/14 (2006.01)
F02B 1/04 (2006.01)
F02F 1/42 (2006.01)
F02M 57/00 (2006.01)
F02M 61/14 (2006.01)
(31) 17/401,284 (32) 12.08.21 (33) US
(43) 02.03.2023
(72) Heher, Brett; Klingbeil, Adam Edgar; Flores, Manuel Licon; Bailey, Kevin Paul
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71) TTEC Services Corporation
(11) AU-A-2023200468
(21) 2023200468 (22) 30.01.2023
(54) Intelligent systems based training of customer service agents
(51) Int. Cl.
G09B 3/00 (2006.01)
(43) 02.03.2023
(62) 2019354980
(72) TRUONG, Henry; EXETER, Gershwin Alison Lamont; ERVEN, Louise Juanita
(74) Adrian M Trioli Patent and Trade Mark Attorney
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- (71) Twist Bioscience Corporation
(11) AU-A-2022279404
(21) 2022279404 (22) 29.11.2022
(54) Oligonucleic acid variant libraries and synthesis thereof
(51) Int. Cl.
C12N 5/071 (2010.01)
A61K 31/7088 (2006.01)
A61K 31/7111 (2006.01)
C12N 5/10 (2006.01)
C12N 15/10 (2006.01)
C12Q 1/68 (2018.01)
C40B 30/06 (2006.01)
C40B 40/06 (2006.01)
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(72) Cox, Anthony; Treusch, Sebastian; Chen, Siyuan
(74) FB Rice Pty Ltd
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(11) AU-A-2023200475
(21) 2023200475 (22) 30.01.2023
(54) Food composition
(51) Int. Cl.
A23L 29/256 (2016.01)

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A23L 27/00 (2016.01)
A23L 27/23 (2016.01)
(43) 02.03.2023
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(72) SAILER, Winfried; SCHÄNZEL, Monika Renate; SCHMIDT, István; TOTH, Marcell László
(74) Davies Collison Cave Pty Ltd

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(21) 2023200556

(71) University of South Florida; H. Lee Moffitt Cancer Center and Research Institute, Inc.
(11) AU-A-2023200308
(21) 2023200308 **(22)** 20.01.2023
(54) TUMOR-INFILTRATING LYMPHOCYTES FOR ADOPTIVE CELL THERAPY
(51) Int. Cl.
C12N 5/0783 (2010.01)
A61K 35/17 (2015.01)
A61P 35/00 (2006.01)
C07K 14/705 (2006.01)
(43) 02.03.2023
(62) 2020256412
(72) Sarnaik, Amod A.; Pilon-Thomas, Shari; McLaughlin, Mark L.; Liu, Hao
(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) University of Tasmania; Ornatas Pty Ltd
(11) AU-A-2021218018
(21) 2021218018 **(22)** 16.08.2021
(54) Feed Compositions and Uses thereof
(51) Int. Cl.
A23K 50/80 (2016.01)
A23K 10/22 (2016.01)
A23K 10/30 (2016.01)
A23K 20/189 (2016.01)
A23K 40/25 (2016.01)
(43) 02.03.2023
(72) Carter, Christopher Guy; Codabaccus, Mohamed Basseer; Fitzgibbon, Quinn; Smith, Gregory George
(74) Davies Collison Cave Pty Ltd

(71) University of Virginia Patent Foundation; ACCESS TO ADVANCED HEALTH INSTITUTE
(11) AU-A-2023200515
(21) 2023200515 **(22)** 01.02.2023
(54) PEGylated liposomes and methods of use
(51) Int. Cl.
A61K 9/00 (2006.01)
A61K 9/127 (2006.01)
A61K 39/39 (2006.01)
A61K 47/02 (2006.01)

(43) 02.03.2023
(62) 2017268175
(72) Fox, Christopher B.; Lin, Susan S.; Carter, Darrick; Van Hoeven, Neal; Abhyankar, Mayuresh M.; Petri, William A.
(74) AJ PARK

(71) VELANO VASCULAR, INC.
(11) AU-A-2023200383
(21) 2023200383 **(22)** 25.01.2023
(54) DEVICES AND METHODS FOR FLUID TRANSFER THROUGH A PLACED PERIPHERAL INTRAVENOUS CATHETER
(51) Int. Cl.
A61M 25/01 (2006.01)

(43) 02.03.2023
(62) 2021254629
(72) Devgon, Pitamber; Ehrenreich, Kevin J.; Briganti, Richard Thomas
(74) RnB IP Pty Ltd

(71) Vermeer Manufacturing Company
(11) AU-A-2023200443
(21) 2023200443 **(22)** 27.01.2023
(54) Systems and methods for dewatering slurries
(51) Int. Cl.
C02F 1/40 (2023.01)
C02F 1/36 (2023.01)
C02F 1/52 (2023.01)

(43) 02.03.2023
(62) 2018431765
(72) Anderson, Gregory; Storm, Brandon; Strobel, Andrew; Lanoue, Corey; Askelsen, Tayte; Whittome, Samuel Edmund; Jones, Ross Peter
(74) FPA Patent Attorneys Pty Ltd

(71) VITAE BIOMEDICAL CO., LTD.; TAIWAN INNOVATIVE INTEGRATION SERVICES CO., LTD.
(11) AU-A-2022215245
(21) 2022215245 **(22)** 11.08.2022
(54) ANTI-GM2AP ANTIBODY AND APPLICATIONS THEREOF
(51) Int. Cl.
C07K 16/18 (2006.01)
G01N 33/68 (2006.01)
(31) 110130070 **(32)** 16.08.21 **(33)** TW
(43) 02.03.2023
(72) CHEN, Shui-Tein
(74) Griffith Hack

(71) Weatherford Technology Holdings, LLC
(11) AU-A-2023200483
(21) 2023200483 **(22)** 30.01.2023
(54) Neutron Time Of Flight Wellbore Logging
(51) Int. Cl.
G01V 5/10 (2006.01)
(43) 02.03.2023
(62) 2020298445
(72) MCCLESKEY, Matthew; MEKIC, Natasa
(74) WRAYS PTY LTD

(71) Wilmarc Holdings, LLC
(11) AU-A-2023200539
(21) 2023200539 **(22)** 02.02.2023
(54) Connector system for releasably connecting fluid conduits
(51) Int. Cl.
F16L 39/00 (2006.01)
F16L 21/00 (2006.01)
F16L 29/00 (2006.01)
F16L 37/12 (2006.01)
F16L 55/07 (2006.01)
(43) 02.03.2023
(62) 2017209195
(72) Ciccone, Paul C.; Coulson, William A.; Coulson, Marcia
(74) FPA Patent Attorneys Pty Ltd

(71) Wix.com Ltd.
(11) AU-A-2023200439
(21) 2023200439 **(22)** 27.01.2023
(54) Actionable widget cards
(51) Int. Cl.
G06F 3/048 (2013.01)
(43) 02.03.2023
(62) 2017383528
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(74) FPA Patent Attorneys Pty Ltd

(71) Wohlfarth, K.
(11) AU-A-2022215170
(21) 2022215170 **(22)** 09.08.2022
(54) Rim system and arrangement comprising a rim system
(51) Int. Cl.
B60B 23/06 (2006.01)
B60B 30/08 (2006.01)
(31) 10 2021 208 800.7 **(32)** 11.08.21 **(33)** DE
(43) 02.03.2023
(72) Wohlfarth, Klaus; Simonjan, Edgar
(74) Davies Collison Cave Pty Ltd

(71) Wood Modification Technologies Ltd
(11) AU-A-2023200479
(21) 2023200479 **(22)** 30.01.2023
(54) Wood modification to enhance flame retardancy
(51) Int. Cl.
B27K 3/15 (2006.01)
A01N 59/20 (2006.01)
B27K 3/20 (2006.01)
C09D 5/18 (2006.01)
C09K 21/02 (2006.01)
C09K 21/14 (2006.01)
(43) 02.03.2023
(62) 2020281173
(72) Moon, Ronald Philip
(74) CreatelIP

(71) Woptix S.L.
(11) AU-A-2022204926
(21) 2022204926 **(22)** 08.07.2022
(54) System and Method for Extracting Information on the Spatial Distribution of Wavefronts

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(51) Int. Cl.
H04N 13/10 (2018.01)
G01J 9/00 (2006.01)
G02B 21/18 (2006.01)
G06T 7/00 (2017.01)
G06T 7/50 (2017.01)
H04N 5/222 (2006.01)
(31) 21382755.3 **(32)** 11.08.21 **(33)** EP
(43) 02.03.2023
(72) GARCIA, Ricardo Oliva; SABATO, Cer-
 uso; RAMOS, Jose Manuel Rodriguez
(74) BOSH IP Pty Ltd

(71) Xidian University
(11) AU-A-2022204569
(21) 2022204569 **(22)** 28.06.2022
(54) METHOD FOR MULTI-AGENT DY-
 NAMIC PATH PLANNING

(51) Int. Cl.
G05D 1/02 (2020.01)
G05D 1/12 (2006.01)
G06F 17/00 (2019.01)
(31) 202110924688.2 **(32)** 12.08.21 **(33)** CN
(43) 02.03.2023
(72) CAI, Xuelian; ZHENG, Jing; FU, Xiao;
 TAN, Zihang
(74) Remarkable IP

(71) Yan'an University
(11) AU-A-2021215165
(21) 2021215165 **(22)** 11.08.2021
(54) Basic Learning Machine and System
 Based on Japanese Translation

(51) Int. Cl.
G09B 19/06 (2006.01)
G06F 21/31 (2013.01)
G09B 5/04 (2006.01)
(43) 02.03.2023
(72) Wang, Qin; Wang, Yixuan; Fan, Xinxin
(74) Ran Tao

(71) YETI Coolers, LLC
(11) AU-A-2023200498
(21) 2023200498 **(22)** 31.01.2023
(54) CLOSURE AND LID AND METHOD OF
 FORMING CLOSURE AND LID

(51) Int. Cl.
A47G 19/22 (2006.01)
(43) 02.03.2023
(62) 2019368252
(72) JINKINS, Cody; BONDHUS, Andy;
 RANE, Mark Carlson; BULLOCK,
 Dustin; FRITZ, John
(74) Southern Cross Intellectual Property

(71) YETI Coolers, LLC
(11) AU-A-2023200500
(21) 2023200500 **(22)** 31.01.2023
(54) CONTAINER AND METHOD OF
 FORMING A CONTAINER

(51) Int. Cl.
A47J 41/00 (2006.01)
(43) 02.03.2023
(62) 2019374770
(72) NICHOLS, Steve Charles; GOLD-
 BERG, Evan; ABANTE, Edward
(74) Southern Cross Intellectual Property

(71) Zepto Life Technology, LLC
(11) AU-A-2023200506
(21) 2023200506 **(22)** 31.01.2023
(54) System and method for processing
 analyte signals in GMR-based detection
 of biomarkers
(51) Int. Cl.
G01N 35/00 (2006.01)
B01L 3/00 (2006.01)
G01R 33/09 (2006.01)
(43) 02.03.2023
(62) 2019309512
(72) KLEIN, Todd Michael; SANDSTEDT,
 Michael Monroe Reinhart; SONG,
 Keping
(74) Spruson & Ferguson

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2021215149	Preece, S.	2023200133	Above the Fold, LLC
2021215165	Yan'an University	2023200141	Becton, Dickinson and Company
2021215180	Stratco (Australia) Pty Limited	2023200273	Becton, Dickinson and Company
2021215188	Gligic, S.; Scalzi, A.	2023200289	Debina Diagnostics, Inc.
2021215193	Aristocrat Technologies Australia Pty Ltd	2023200308	University of South Florida; H. Lee Moffitt Cancer Center and Research Institute, Inc.
2021215195	Berkshire Renewable Energy Pty Ltd	2023200324	Alteogen, Inc
2021215199	Strategies Unleashed Pty Ltd	2023200383	VELANO VASCULAR, INC.
2021215259	NEW IMAGE INTERNATIONAL LIMITED	2023200385	Scaled Microbiomics, LLC
2021215263	Nunhems B.V.	2023200416	Lipofabrik
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2022204302	A & I Coatings Group Pty Ltd	2023200437	Takeda Pharmaceutical Company Limited
2022204443	Intuit Inc.	2023200439	Wix.com Ltd.
2022204569	Xidian University	2023200441	Arbutus Biopharma Corporation
2022204916	Toshiba Energy Systems & Solutions Corporation	2023200442	Google LLC
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2022205172	Accenture Global Solutions Limited	2023200444	Angel Group Co., Ltd.
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2022205202	Sawatsky, A.	2023200446	APM Terminals B.V.
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2022205237	Deere & Company	2023200452	Drillscan France SAS
2022206769	Deere & Company	2023200453	TGS-NOPEC Geophysical Company
2022206778	BAKER HUGHES HOLDINGS LLC	2023200456	CHEP Technology Pty Limited
2022206791	Toshiba Energy Systems & Solutions Corporation	2023200457	Johnston Family Group Pty Ltd
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2022207323	Henkel AG & Co. KGaA	2023200461	Nicoventures Trading Limited
2022209214	Transportation IP Holdings, LLC	2023200462	Takeda Pharmaceutical Company Limited
2022209346	Gyrus Medical Limited	2023200463	Kolibree SAS
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2022211836	Terumo Cardiovascular Systems Corporation	2023200468	TTEC Services Corporation
2022211842	IGT	2023200469	Nichia Corporation
2022215150	Piez, R.	2023200471	The NOCO Company
2022215163	Blanco GmbH + Co KG	2023200473	Commercialisation Express Pty Ltd
2022215170	Wohlfarth, K.	2023200475	Unilever IP Holdings B.V.
2022215171	Klein Tools, Inc.	2023200477	Caterpillar Inc.
2022215200	Nozomi Networks Sagl	2023200479	Wood Modification Technologies Ltd
2022215206	Mahindra & Mahindra Limited	2023200480	So Spark Ltd.
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2022215236	DePuy Synthes Products, Inc.	2023200485	Crown Equipment Corporation
2022215239	HENSOLDT Sensors GmbH	2023200486	Crown Equipment Corporation
2022215240	Ishida Co., Ltd.	2023200488	Block, Inc.
2022215245	VITAE BIOMEDICAL CO., LTD.; TAIWAN INNOVATIVE INTEGRATION SERVICES CO., LTD.	2023200489	Assa Abloy AB
2022215246	MISTRAS Group, Inc.	2023200491	Titan Trailers Inc.
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2022215277	Lifetime Brands, Inc.	2023200495	Panasonic Intellectual Property Management Co., Ltd.
2022218464	Huawei Digital Power Technologies Co., Ltd.	2023200496	RSP Systems A/S
2022224848	Royal Melbourne Institute of Technology	2023200498	YETI Coolers, LLC
2022235588	Acuitas Therapeutics Inc.; CureVac SE	2023200500	YETI Coolers, LLC
2022256122	The Regents of the University of California	2023200502	Dolby Laboratories Licensing Corporation
2022259836	Futu Network Technology (Shenzhen) Co., Ltd.	2023200505	AFL Telecommunications LLC
2022271376	Editas Medicine, Inc.	2023200506	Zepto Life Technology, LLC
2022279404	Twist Bioscience Corporation	2023200507	Horizon Global Americas Inc.
2022279414	Alexion Pharmaceuticals, Inc.	2023200510	Anduril Industries, Inc.

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2023200513	Carter-Hoffmann, LLC
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2023200515	University of Virginia Patent Foundation; ACCESS TO ADVANCED HEALTH INSTITUTE
2023200517	The Trustees of the University of Pennsylvania; Inovio Pharmaceuticals, Inc.
2023200519	Fisher and Paykel Healthcare Limited
2023200521	Beth Israel Deaconess Medical Center, Inc.; Children's Medical Center Corporation
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2023200537	Orbus Therapeutics, Inc.
2023200539	Wilmarc Holdings, LLC
2023200542	Brother Kogyo Kabushiki Kaisha
2023200543	BonAlive Biomaterials Oy
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2023200550	Mitsubishi Electric Corporation
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2023200554	Synta Pharmaceuticals Corp.
2023200555	Next2Sun GmbH
2023200556	Commonwealth Scientific and Industrial Research Or- ganisation; University of Georgia Research Foundation, Inc.
2023200557	Bristol-Myers Squibb Company
2023200561	MedicalTree Patent Ltd
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- . (*) Title not in Roman characters
 - . (**) Title not given
- (This list may contain multiple listings of a patent where there are multiple patentees for that patent.)

(71) China University of Mining and Technology
 (11) AU-A-2023100008
 (21) 2023100008 (22) 31.01.2023
 (54) STRONG TURBULENT FLOW GENERATING DEVICE FOR FAST FLOTATION OF MICRO-FINE PARTICLES
 (51) Int. Cl.
B03D 1/02 (2006.01)
 (45) 02.03.2023
 (62) 2020294295
 (72) YAN, Xiaokang; WANG, Lijun; ZHANG, Haijun; CAO, Yijun; ZHENG, Kaixin; LI, Xiaoheng
 (74) WRAYS PTY LTD

(71) Moon Dog Brewing Pty Ltd
 (11) AU-A-2023100011
 (21) 2023100011 (22) 02.02.2023
 (54) Beverage production
 (51) Int. Cl.
C12G 3/06 (2006.01)
B67D 1/00 (2006.01)
C12C 11/00 (2006.01)
C12H 1/044 (2006.01)
C12H 1/07 (2006.01)
B67D 1/08 (2006.01)
 (45) 02.03.2023
 (62) 2021218101
 (72) te Wierik, Kevin John; Uljans, Joshua Peter; Langlands, David
 (74) BRM Patent Attorneys Pty Ltd

(71) Whittingham, S.M.
 (11) AU-A-2023100007
 (21) 2023100007 (22) 27.01.2023
 (54) STIMULATING FOOD ITEM
 (51) Int. Cl.
A23G 3/56 (2006.01)
 (45) 02.03.2023
 (62) 2017204604
 (72) Whittingham, Sophia Melissa
 (74) protectmyidea.com.au

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- . (**) Title not given

<p>(71) Abbott Diabetes Care Inc. (11) AU-A-2021333904 (21) 2021333904 (22) 27.08.2021 (54) Systems, devices, and methods for analyte sensor insertion (51) Int. Cl. A61B 17/34 (2006.01) (87) WO2022/047251 (31) 63/072,743 (32) 31.08.20 (33) US (43) 03.03.2022 (72) RAO, Vivek S.; CHERN, Anthony Lin; CARTER, Phillip W.; LINDSAY, Joshua; NGUYEN, Tuan; DIPALMA, Vincent M. (74) FPA Patent Attorneys Pty Ltd</p> <hr/> <p>(71) Abbott Diabetes Care Inc. (11) AU-A-2021343394 (21) 2021343394 (22) 14.09.2021 (54) Systems, devices, and methods for an analyte sensor (51) Int. Cl. A61B 5/1473 (2006.01) A61B 1/06 (2006.01) A61B 5/145 (2006.01) (87) WO2022/060677 (31) 63/078,681 (32) 15.09.20 (33) US 63/081,223 21.09.20 US (43) 24.03.2022 (72) COLE, Jean-Pierre; VOIT, Peter M.; KUPA Jr., Edward J.; SIMMONS, Matthew; MITCHELL, Steven; SMITH, Timothy Frederick; RAO, Vivek S.; ROBINSON, Peter G.; KUNICH, Theodore J.; SAN NICOLAS, Anthony Joseph; PACE, Louis G.; NIERLICH, Steve; PATEL, Dharmendra; MEYER, Thomas Michael; PUDJIJANTO, Stephen T.; LAMBERT, Byron J. (74) FPA Patent Attorneys Pty Ltd</p> <hr/> <p>(71) Accellta Ltd. (11) AU-A-2021300644 (21) 2021300644 (22) 01.07.2021 (54) Mammalian livestock pluripotent stem cells from delayed embryos (51) Int. Cl. C12N 5/0735 (2010.01) C12N 5/071 (2010.01) C12N 5/074 (2010.01) C12N 5/077 (2010.01) C12N 5/0775 (2010.01) (87) WO2022/003700 (31) 63/047,375 (32) 02.07.20 (33) US (43) 06.01.2022 (72) AMIT, Michal (74) Davies Collison Cave Pty Ltd</p> <hr/> <p>(71) Acucela Inc. (11) AU-A-2021324968</p>	<p>(21) 2021324968 (22) 10.08.2021 (54) System and method for optical coherence tomography a-scan decurving (51) Int. Cl. A61B 3/10 (2006.01) A61B 5/00 (2006.01) G01B 9/02 (2022.01) (87) WO2022/035809 (31) 62/706,417 (32) 14.08.20 (33) US (43) 17.02.2022 (72) KUBOTA, Ryo; WYDER, Stephan; BUSCEMI, Philip M.; PFISTER, Matthias; STOLLER, Cyril (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd</p> <hr/> <p>(71) ADARx Pharmaceuticals, Inc (11) AU-A-2021315812 (21) 2021315812 (22) 30.07.2021 (54) ADAR dependent editing compositions and methods of use thereof (51) Int. Cl. C12N 15/11 (2006.01) C12N 15/113 (2010.01) C12N 15/115 (2010.01) (87) WO2022/026928 (31) 63/127,839 (32) 18.12.20 (33) US 63/059,084 30.07.20 US (43) 03.02.2022 (72) LI, Zhen; ZHU, Rui; DA SILVA CORREIA, Jean; FULTZ, Kimberly; STUDER, Sean; LEAR, Sam (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd</p> <hr/> <p>(71) Adiposs SA (11) AU-A-2021322908 (21) 2021322908 (22) 06.08.2021 (54) PET-CT imaging methods, contrast agents and pharmaceutical compositions for use in said imaging methods (51) Int. Cl. A61K 49/04 (2006.01) A61K 51/04 (2006.01) A61B 5/00 (2006.01) A61K 101/02 (2006.01) (87) WO2022/029294 (31) 20189928.3 (32) 06.08.20 (33) EP (43) 10.02.2022 (72) STRANSKY-HEILKRON, Nathalie; BABIC, Andrej (74) Spruson & Ferguson</p> <hr/> <p>(71) Advanced Architectural Products, LLC (11) AU-A-2021296428 (21) 2021296428 (22) 23.06.2021 (54) Adjustable support system for a building structure (51) Int. Cl. E04F 13/07 (2006.01) E04B 1/76 (2006.01)</p>	<p>E04C 2/30 (2006.01) E04C 2/52 (2006.01) E04F 13/08 (2006.01) E04F 13/22 (2006.01) (87) WO2021/262856 (31) 16/912,575 (32) 25.06.20 (33) US 17/149,668 14.01.21 US (43) 30.12.2021 (72) KRAUSE, G. Matt (74) PHILLIPS ORMONDE FITZPATRICK</p> <hr/> <p>(71) AdvanSix Resins & Chemicals LLC (11) AU-A-2021306216 (21) 2021306216 (22) 01.07.2021 (54) Branched amino acid surfactants (51) Int. Cl. C07C 229/08 (2006.01) C07C 291/04 (2006.01) C07C 309/14 (2006.01) C07C 309/30 (2006.01) C11D 1/00 (2006.01) (87) WO2022/010743 (31) 63/049,726 (32) 09.07.20 (33) US (43) 13.01.2022 (72) ASIRVATHAM, Edward; HONCIUC, Andrei; MIHALI, Voichita (74) Davies Collison Cave Pty Ltd</p> <hr/> <p>(71) AdvanSix Resins & Chemicals LLC (11) AU-A-2021306999 (21) 2021306999 (22) 01.07.2021 (54) Branched amino acid surfactants (51) Int. Cl. C07C 229/08 (2006.01) C07C 309/30 (2006.01) C11D 1/00 (2006.01) (87) WO2022/010744 (31) 63/049,744 (32) 09.07.20 (33) US (43) 13.01.2022 (72) ASIRVATHAM, Edward; HONCIUC, Andrei; MIHALI, Voichita (74) Davies Collison Cave Pty Ltd</p> <hr/> <p>(71) AdvanSix Resins & Chemicals LLC (11) AU-A-2021307396 (21) 2021307396 (22) 12.07.2021 (54) Branched amino acid surfactants for oil and gas production (51) Int. Cl. C09K 8/584 (2006.01) C09K 8/594 (2006.01) C09K 8/60 (2006.01) C09K 8/68 (2006.01) C09K 8/70 (2006.01) C09K 8/94 (2006.01) (87) WO2022/015673 (31) 63/051,192 (32) 13.07.20 (33) US (43) 20.01.2022 (72) ASIRVATHAM, Edward (74) Davies Collison Cave Pty Ltd</p>
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- (71) AdvanSix Resins & Chemicals LLC
 (11) AU-A-2021307397
 (21) 2021307397 (22) 12.07.2021
 (54) Branched amino acid surfactants for use in healthcare products
 (51) Int. Cl.
 A61K 9/00 (2006.01)
 A61K 9/107 (2006.01)
 A61K 9/14 (2006.01)
 A61K 9/20 (2006.01)
 A61K 31/55 (2006.01)
 A61K 47/18 (2017.01)
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 (54) Branched amino acid surfactants for electronics products
 (51) Int. Cl.
 C11D 3/43 (2006.01)
 C07C 227/22 (2006.01)
 C07C 229/08 (2006.01)
 C11D 1/46 (2006.01)
 C11D 1/62 (2006.01)
 C11D 1/75 (2006.01)
 C11D 1/92 (2006.01)
 C11D 3/30 (2006.01)
 C11D 11/00 (2006.01)
 G03F 7/42 (2006.01)
 H01L 21/304 (2006.01)
 H01L 31/0236 (2006.01)
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 (54) Branched amino acid surfactants for cleaning products
 (51) Int. Cl.
 C11D 1/62 (2006.01)
 C07C 227/22 (2006.01)
 C07C 229/08 (2006.01)
 C11D 1/46 (2006.01)
 C11D 1/75 (2006.01)
 C11D 1/92 (2006.01)
 C11D 3/43 (2006.01)
 D06L 1/04 (2006.01)
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 C09D 5/02 (2006.01)
 C09D 7/63 (2018.01)
 C09D 9/04 (2006.01)
 C09D 11/38 (2014.01)
 C09D 11/54 (2014.01)
 C09J 11/06 (2006.01)
 C08K 5/17 (2006.01)
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 C07D 487/14 (2006.01)
 A61K 45/06 (2006.01)
 A61P 25/00 (2006.01)
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 A61P 25/18 (2006.01)
 A61P 25/28 (2006.01)
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 C25B 1/04 (2021.01)
 C08J 5/22 (2006.01)
 C25B 9/23 (2021.01)
 C25B 13/02 (2006.01)
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 G01C 21/34 (2006.01)
 G06T 11/20 (2006.01)
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 H03M 13/11 (2006.01)
 H03M 13/29 (2006.01)
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 (51) Int. Cl.
 A61P 25/00 (2006.01)
 A61K 38/08 (2019.01)
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C07D 213/56 (2006.01)
A61K 31/415 (2006.01)
A61K 31/4418 (2006.01)
A61K 31/661 (2006.01)
A61P 1/16 (2006.01)
A61P 1/18 (2006.01)
A61P 7/06 (2006.01)
A61P 9/00 (2006.01)
A61P 9/10 (2006.01)
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A61K 39/395 (2006.01)
A61P 7/02 (2006.01)
C07K 16/18 (2006.01)
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- (51) Int. Cl.
C12N 15/113 (2010.01)
A61K 31/7115 (2006.01)
A61K 31/712 (2006.01)
A61P 31/20 (2006.01)
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A61P 31/20 (2006.01)
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C07D 221/04 (2006.01)
C07D 471/04 (2006.01)
C07D 487/10 (2006.01)
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B65D 1/10 (2006.01)
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A61K 9/00 (2006.01)
A61P 25/06 (2006.01)
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B60D 1/06 (2006.01)
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C07K 16/28 (2006.01)
A61K 39/00 (2006.01)
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(21) 2021305833 (22) 07.07.2021
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B66C 13/46 (2006.01)
B63B 27/12 (2006.01)
B65G 67/60 (2006.01)
B66C 13/48 (2006.01)
B66C 17/20 (2006.01)
G01C 15/00 (2006.01)
G01S 7/497 (2006.01)
G01S 17/894 (2020.01)
G01S 19/14 (2010.01)
G06T 7/521 (2017.01)
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(54) Metal oxide sunscreen formulations
- (51) Int. Cl.
A61K 8/02 (2006.01)
A61K 8/19 (2006.01)
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A23G 9/24 (2006.01)
A23G 9/28 (2006.01)
G07F 13/06 (2006.01)
G07F 13/10 (2006.01)
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(54) Diagnostic methods for cancer using AXL decoy receptors
(51) Int. Cl.
A61K 31/454 (2006.01)
A61K 45/06 (2006.01)
A61P 35/00 (2006.01)
C07K 14/705 (2006.01)
C12N 9/12 (2006.01)
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(51) Int. Cl.
C12Q 1/68 (2018.01)
C12N 15/10 (2006.01)
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(21) 2021334165 (22) 27.08.2021
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(51) Int. Cl.
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C07K 16/28 (2006.01)
C12Q 1/68 (2018.01)
G01N 33/574 (2006.01)
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(21) 2021311814 (22) 23.07.2021
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A61K 31/122 (2006.01)
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A61P 31/12 (2006.01)
C07D 493/08 (2006.01)
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(51) Int. Cl.
A61K 31/575 (2006.01)
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(51) Int. Cl.
A61P 37/00 (2006.01)
A61P 19/02 (2006.01)
C07K 16/24 (2006.01)
A61K 39/00 (2006.01)
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(54) Non-fermented beer-flavor beverage and method for producing same
(51) Int. Cl.
C12G 3/06 (2006.01)
A23L 2/00 (2006.01)
A23L 2/56 (2006.01)
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A61K 31/198 (2006.01)
A61K 9/00 (2006.01)
A61K 49/00 (2006.01)
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(51) Int. Cl.
A61K 31/497 (2006.01)
A61K 31/70 (2006.01)
A61P 13/12 (2006.01)
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(54) Small molecules for the treatment of autoimmune diseases and cancer
(51) Int. Cl.
C07D 401/14 (2006.01)
A61K 31/403 (2006.01)
A61K 31/4709 (2006.01)
A61K 31/517 (2006.01)
A61P 1/00 (2006.01)
A61P 1/04 (2006.01)
A61P 35/00 (2006.01)
A61P 37/00 (2006.01)
A61P 43/00 (2006.01)
C07D 401/04 (2006.01)
C07D 401/12 (2006.01)
C07D 405/12 (2006.01)
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G01N 21/77 (2006.01)
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(54) Imaging device and method for optimising image acquisition
(51) Int. Cl.
A61B 6/02 (2006.01)
A61B 5/085 (2006.01)
A61B 5/091 (2006.01)
A61B 5/103 (2006.01)
G06T 15/00 (2011.01)
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(54) Serum albumin-binding polypeptides
(51) Int. Cl.
C07K 16/28 (2006.01)
A61P 35/00 (2006.01)
C07K 14/81 (2006.01)
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(54) Serum half-life extended PD-L1 inhibitory polypeptides
(51) Int. Cl.
C07K 16/28 (2006.01)
A61P 35/00 (2006.01)
C07K 14/81 (2006.01)
(87) WO2022/023538
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(54) Systems and methods for using RFID technology to identify products
(51) Int. Cl.
G06K 7/10 (2006.01)
G06K 13/00 (2006.01)
G06K 17/00 (2006.01)
(87) WO2022/036011
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(72) ROTH, Mark W.
(74) AJ Pietras IP Limited
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- (71) Avid Business Pty Ltd (ACN: 083025003) As Trustee For Cedar Creek Trust
(11) AU-A-2021300877
(21) 2021300877 (22) 01.07.2021
(54) Wearable personal protection device
(51) Int. Cl.
A61L 9/14 (2006.01)
(87) WO2022/000017
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(43) 06.01.2022
(72) BOLAND, Timothy; BOLAND, Thomas
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71) Axon Imaging, LLC
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(21) 2021305238 (22) 09.07.2021
(54) Advanced nervous tissue imaging system
(51) Int. Cl.
G01N 21/64 (2006.01)
A61B 5/00 (2006.01)
G01N 21/62 (2006.01)
G01N 21/63 (2006.01)
(87) WO2022/011276
(31) 63/050,018 (32) 09.07.20 (33) US
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PCT/ 06.10.20 US
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(72) DIP, Fernando; ROSENTHAL, Raul J.
(74) Walker IP
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- (71) AYM Syntex Limited
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(21) 2021326058 (22) 10.08.2021
(54) Polymeric yarn, composition and method
(51) Int. Cl.
D01F 1/10 (2006.01)
C08J 3/22 (2006.01)
(87) WO2022/034490
(31) 202021034915 (32) 13.08.20 (33) IN
(43) 17.02.2022
(72) MANDAWEWALA, Abhishek Rajesh; MANDAWEWALA, Khushboo Abhishek
(74) Abhishek Rajesh Mandawewala
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(11) AU-A-2021327176
(21) 2021327176 (22) 20.08.2021
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- (54) Twisted and heat-set BCF yarn comprising side-by-side bi-component filament, method for forming such yarn and a floor covering material comprising such yarn
(51) Int. Cl.
D01F 8/14 (2006.01)
D01D 5/32 (2006.01)
D02G 3/02 (2006.01)
D02G 3/44 (2006.01)
D06N 7/00 (2006.01)
(87) WO2022/038570
(31) 202021036119 (32) 21.08.20 (33) IN
(43) 24.02.2022
(72) MANDAWEWALA, Abhishek Rajesh; MANDAWEWALA, Khushboo Abhishek
(74) Abhishek Rajesh Mandawewala
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- (71) Ayoub, G.; Lam, D.
(11) AU-A-2021317083
(21) 2021317083 (22) 27.07.2021
(54) Methods of reducing incidence or risk of cerebral folate deficiency
(51) Int. Cl.
A61K 31/00 (2006.01)
A23L 33/00 (2016.01)
A23L 33/15 (2016.01)
A61K 33/00 (2006.01)
A61K 45/00 (2006.01)
A61P 25/24 (2006.01)
A61P 25/28 (2006.01)
(87) WO2022/023977
(31) 63/056,829 (32) 27.07.20 (33) US
(43) 03.02.2022
(72) AYOUB, George; LAM, Dominic Man-Kit
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71) Baker Hughes Oilfield Operations LLC
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(21) 2021314122 (22) 20.07.2021
(54) Pass-through tapered nose tool
(51) Int. Cl.
E21B 17/14 (2006.01)
E21B 7/20 (2006.01)
(87) WO2022/020300
(31) 63/054,097 (32) 20.07.20 (33) US
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(43) 27.01.2022
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(74) FPA Patent Attorneys Pty Ltd
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- (71) Baker Hughes Oilfield Operations LLC
(11) AU-A-2021315596
(21) 2021315596 (22) 29.07.2021
(54) Downhole pulling tool with selective anchor actuation
(51) Int. Cl.
E21B 29/00 (2006.01)
E21B 29/08 (2006.01)
E21B 33/129 (2006.01)
(87) WO2022/026710
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 (74) Patent Attorney Services
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- (71) Baker Hughes Oilfield Operations LLC
 (11) AU-A-2021318189
 (21) 2021318189 (22) 21.07.2021
 (54) Downhole conformable screen system and method of making a conformable screen for downhole use
 (51) Int. Cl.
E21B 43/08 (2006.01)
E21B 43/10 (2006.01)
 (87) WO2022/026981
 (31) 16/942,131 (32) 29.07.20 (33) US
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 (72) GAUDETTE, Sean
 (74) FPA Patent Attorneys Pty Ltd
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- (71) Barton, A.
 (11) AU-A-2021306420
 (21) 2021306420 (22) 16.04.2021
 (54) Protective pad, methods of manufacture thereof, and related systems
 (51) Int. Cl.
A41D 13/05 (2006.01)
A41D 13/015 (2006.01)
A63B 71/12 (2006.01)
B29C 64/118 (2017.01)
B29C 64/393 (2017.01)
B33Y 10/00 (2015.01)
B33Y 50/02 (2015.01)
B33Y 80/00 (2015.01)
 (87) WO2022/006616
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 (72) BARTON, Alexander
 (74) Alex Rowley
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 (21) 2021319774 (22) 27.07.2021
 (54) Device for cleaning a spiral space of an auger and method for producing a drilled hole
 (51) Int. Cl.
E21B 12/06 (2006.01)
 (87) WO2022/028955
 (31) 20189666.9 (32) 05.08.20 (33) EP
 (43) 10.02.2022
 (72) LANZL, Martin; BACHHUBER, Stefan; OEHME, Ralf
 (74) Madderns Pty Ltd
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- (71) Baxter International Inc.; Baxter Healthcare SA
 (11) AU-A-2021325690
 (21) 2021325690 (22) 10.08.2021
 (54) IV dressing with embedded sensors for measuring fluid infiltration and physiological parameters
 (51) Int. Cl.
A61B 5/0215 (2006.01)
A61B 5/00 (2006.01)
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A61B 5/021 (2006.01)
A61B 5/11 (2006.01)
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 (74) K&L Gates
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- (71) Bayer Healthcare LLC
 (11) AU-A-2021326454
 (21) 2021326454 (22) 10.08.2021
 (54) Features for angiography syringe
 (51) Int. Cl.
A61M 5/31 (2006.01)
 (87) WO2022/035791
 (31) 62/706,340 (32) 11.08.20 (33) US
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 (43) 17.02.2022
 (72) SPOHN, Michael; COWAN, Kevin; CAMPBELL, Patrick; CALLAN, Gerald
 (74) Davies Collison Cave Pty Ltd
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- (71) Bayer HealthCare LLC
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 (21) 2021324813 (22) 12.08.2021
 (54) Prime tube configurations for syringe
 (51) Int. Cl.
A61M 5/14 (2006.01)
A61M 5/31 (2006.01)
A61M 5/38 (2006.01)
A61M 39/00 (2006.01)
A61M 39/08 (2006.01)
A61M 39/20 (2006.01)
A61M 39/24 (2006.01)
 (87) WO2022/036058
 (31) 63/065,095 (32) 13.08.20 (33) US
 (43) 17.02.2022
 (72) COWAN, Kevin; SPOHN, Michael; UBER III, Arthur; HAURY, John; KENT, Joseph
 (74) Davies Collison Cave Pty Ltd
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- (71) Becton, Dickinson and Company
 (11) AU-A-2021312703
 (21) 2021312703 (22) 07.07.2021
 (54) Vascular access instrument and related devices and methods
 (51) Int. Cl.
A61B 5/15 (2006.01)
A61B 5/154 (2006.01)
A61M 25/06 (2006.01)
A61M 39/10 (2006.01)
A61M 39/22 (2006.01)
 (87) WO2022/020095
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 (72) HU, Olivia
 (74) FB Rice Pty Ltd
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 (21) 2021313066 (22) 13.07.2021
 (54) Catheter tip control device and related systems
 (51) Int. Cl.
A61M 25/00 (2006.01)
A61B 5/15 (2006.01)
A61M 25/01 (2006.01)
A61M 25/02 (2006.01)
A61M 39/20 (2006.01)
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 (11) AU-A-2021310000
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 (54) Pyrazolopyrimidine compound used as ATR kinase inhibitor
 (51) Int. Cl.
C07D 471/04 (2006.01)
A61K 31/5377 (2006.01)
A61P 35/00 (2006.01)
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 (74) WRAYS PTY LTD
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- (71) Believe Pursue LLC
 (11) AU-A-2021326477
 (21) 2021326477 (22) 10.08.2021
 (54) Hip thrust belt
 (51) Int. Cl.
A41F 9/00 (2006.01)
A41F 9/02 (2006.01)
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 (31) 16/990,920 (32) 11.08.20 (33) US
 (43) 17.02.2022
 (72) BECK, Brett Andrew; BECK, Hanna-Greta Kirber; PETERSON, Eric; SHENG, Wang Pai
 (74) Griffith Hack
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- (71) Bennamann Services, Ltd.
 (11) AU-A-2021328746
 (21) 2021328746 (22) 16.08.2021
 (54) Long heat path support structure
 (51) Int. Cl.
F17C 3/08 (2006.01)
 (87) WO2022/038495
 (31) 63/066,544 (32) 17.08.20 (33) US
 (43) 24.02.2022
 (72) MANN, Christopher Mark; TAYLOR, Tom Richard; MANN, Luke James; BRADSHAW, Thomas William
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 (54) Bicycle conjugates specific for Nectin-4 and uses thereof
 (51) Int. Cl.
G01N 33/574 (2006.01)
C12Q 1/6886 (2018.01)
 (87) WO2022/038158
 (31) 63/066,434 (32) 17.08.20 (33) US
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 (74) Spruson & Ferguson
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- (71) Bimeda Animal Health Limited
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 (21) 2021309398 (22) 14.07.2021
 (54) A composition for treating helminth infestation in a non-human mammal
 (51) Int. Cl.
A61K 31/704 (2006.01)
A61K 36/25 (2006.01)
A61P 33/10 (2006.01)
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 (31) 20185806.5 (32) 14.07.20 (33) EP
 (43) 20.01.2022
 (72) SMITH, Brendan Gerard; GUPTA, Sandeep; LAHMANN, Martina; HOFFMANN, Karl; FISHER, Maggie; BAIRD, Mark Stephen
 (74) Madderns Pty Ltd
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- (71) Biological Dynamics, Inc.
 (11) AU-A-2021304354
 (21) 2021304354 (22) 09.07.2021
 (54) Modification of metallic surfaces with phosphonic acids
 (51) Int. Cl.
C25D 11/02 (2006.01)
C25D 11/10 (2006.01)
C25D 11/26 (2006.01)
 (87) WO2022/011313
 (31) 63/050,228 (32) 10.07.20 (33) US
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 (21) 2021304372 (22) 12.07.2021
 (54) Tetrahedral antibodies
 (51) Int. Cl.
A61K 39/395 (2006.01)
A61P 31/18 (2006.01)
C07K 16/28 (2006.01)
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- (71) Biorez, Inc.
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 (54) Composite scaffold for the repair, reconstruction, and regeneration of soft tissues
 (51) Int. Cl.
A61L 27/50 (2006.01)
A61F 2/00 (2006.01)
A61F 2/08 (2006.01)
A61L 27/14 (2006.01)
A61L 27/18 (2006.01)
A61L 27/54 (2006.01)
A61L 27/56 (2006.01)
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 (74) Spruson & Ferguson
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- (71) Blastone Technology Pty Ltd
 (11) AU-A-2021318604
 (21) 2021318604 (22) 29.07.2021
 (54) An improved blast nozzle
 (51) Int. Cl.
B24C 5/04 (2006.01)
B05B 1/02 (2006.01)
B05B 1/30 (2006.01)
B05B 7/14 (2006.01)
B05B 7/32 (2006.01)
 (87) WO2022/020898
 (31) 2020902661 (32) 29.07.20 (33) AU
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 (72) ROWLAND, Matthew; KEEP, Joshua; JAHN, Ingo
 (74) Michael Buck IP
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- (71) Blue Penny, LLC
 (11) AU-A-2021311618
 (21) 2021311618 (22) 21.07.2021
 (54) Ozone disinfecting system and devices configured to convert water into ozone for disinfecting, cleaning, or sanitizing
 (51) Int. Cl.
C11D 3/48 (2006.01)
C11D 11/00 (2006.01)
C11D 17/04 (2006.01)
 (87) WO2022/020529
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 (43) 27.01.2022
 (72) CLAUSSNER, Mark; KAZMER, Mark
 (74) Spruson & Ferguson
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 (21) 2021316893 (22) 07.07.2021
 (54) Beverage dispenser with container washing system
 (51) Int. Cl.
B67D 1/00 (2006.01)
A61L 2/18 (2006.01)
G07F 13/06 (2006.01)
G07F 13/10 (2006.01)
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- (71) Board of Regents, The University of Texas System
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 (21) 2021316231 (22) 28.07.2021
 (54) Specimen retrieval device
 (51) Int. Cl.
A61B 17/22 (2006.01)
A61B 17/221 (2006.01)
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 (31) 63/057,511 (32) 28.07.20 (33) US
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 (72) MAKEY, Ian
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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 (11) AU-A-2021342567
 (21) 2021342567 (22) 20.09.2021
 (54) Fluid pressure indicators for medical devices
 (51) Int. Cl.
A61M 5/20 (2006.01)
A61M 5/145 (2006.01)
A61M 5/148 (2006.01)
A61M 5/155 (2006.01)
A61M 11/02 (2006.01)
B05B 7/24 (2006.01)
 (87) WO2022/061219
 (31) 63/081,078 (32) 21.09.20 (33) US
 (43) 24.03.2022
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 (21) 2021343196 (22) 14.09.2021
 (54) Single stream protocol for multiple sensor medical system
 (51) Int. Cl.
H04L 27/00 (2006.01)
A61B 5/00 (2006.01)
H04J 13/00 (2011.01)
 (87) WO2022/060694
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 (72) DUVAL, George Wilfred; BARBATO, Louis J.
 (74) Spruson & Ferguson
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 (54) Pressure valve for medical devices
 (51) Int. Cl.
A61M 39/22 (2006.01)
A61M 11/02 (2006.01)
A61M 39/24 (2006.01)
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PIC, Andrew; MURRAY, Collin
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(21) 2021320894 (22) 06.08.2021
(54) Stable cell lines for site-specific incorporation of unnatural amino acids
(51) Int. Cl.
C12N 5/10 (2006.01)
C07K 14/00 (2006.01)
C12N 5/07 (2010.01)
C12N 9/00 (2006.01)
(87) WO2022/032186
(31) 63/063,065 (32) 07.08.20 (33) US
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(72) ITALIA, James Sebastian; LI, Zhi
(74) RNB IP PTY LTD
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- (71) Brii Biosciences, Inc.
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(21) 2021329312 (22) 17.08.2021
(54) Pharmaceutical composition containing neuroactive steroid and use thereof
(51) Int. Cl.
A61K 9/00 (2006.01)
A61K 9/10 (2006.01)
A61K 31/57 (2006.01)
A61K 47/10 (2017.01)
A61K 47/12 (2006.01)
A61K 47/26 (2006.01)
A61P 25/24 (2006.01)
(87) WO2022/040216
(31) 63/066,808 (32) 17.08.20 (33) US
63/109,847 04.11.20 US
(43) 24.02.2022
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(74) RnB IP
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- (71) Brilliance Sweden AB
(11) AU-A-2021307323
(21) 2021307323 (22) 16.07.2021
(54) Actuator activated by transversal acceleration
(51) Int. Cl.
B61H 9/02 (2006.01)
B60R 22/38 (2006.01)
B66B 5/04 (2006.01)
(87) WO2022/015233
(31) 2050909-7 (32) 17.07.20 (33) SE
(43) 20.01.2022
(72) ZANDER, Sten-Thore; ZANDER, Patrik
(74) FPA Patent Attorneys Pty Ltd
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(54) Classifying pharmacovigilance documents using image analysis
(51) Int. Cl.
G06F 18/00 (2023.01)
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(43) 27.01.2022
(72) DESAI, Sameen Mayur
(74) AJ PARK
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- (71) C° Change Surgical LLC
(11) AU-A-2021305336
(21) 2021305336 (22) 12.07.2021
(54) Injectable slush feed supply
(51) Int. Cl.
A61F 7/00 (2006.01)
A61F 7/12 (2006.01)
A61M 19/00 (2006.01)
A61M 31/00 (2006.01)
F25C 1/00 (2006.01)
(87) WO2022/011336
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(72) KAMMER, Patrick; RACKERS, Kevin Joseph; ALLRED, Philip Morrison
(74) FB Rice Pty Ltd
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- (71) Caleffi S.p.A.
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(21) 2021311107 (22) 13.07.2021
(54) Diaphragm pressure reducer
(51) Int. Cl.
G05D 16/06 (2006.01)
F16K 17/00 (2006.01)
(87) WO2022/018575
(31) 10202000017599 (32) 20.07.20 (33) IT
(43) 27.01.2022
(72) CALEFFI, Marco
(74) Spruson & Ferguson
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- (71) Calix Ltd
(11) AU-A-2021323977
(21) 2021323977 (22) 11.08.2021
(54) Marine coating formulations
(51) Int. Cl.
C09D 5/16 (2006.01)
C23F 11/18 (2006.01)
(87) WO2022/032341
(31) 2020902845 (32) 12.08.20 (33) AU
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(72) SCEATS, Mark; VAN MERKESTEIN, Robert; VINCENT, Adam; HODGSON, Philip; OKELY, Andrew
(74) Alder IP Pty Ltd
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(11) AU-A-2021325573
(21) 2021325573 (22) 26.07.2021
(54) A method for the pyroprocessing of powders
(51) Int. Cl.
C22B 1/02 (2006.01)
B01J 8/12 (2006.01)
C22B 1/26 (2006.01)
C22B 26/12 (2006.01)
(87) WO2022/032327
(31) 2020902858 (32) 12.08.20 (33) AU
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(74) Alder IP Pty Ltd
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A47G 19/22 (2006.01)
A45F 3/16 (2006.01)
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B65D 43/02 (2006.01)
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A61K 31/352 (2006.01)
A23L 27/30 (2016.01)
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 H01R 13/52 (2006.01)
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 B62D 33/02 (2006.01)
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A23L 3/36 (2006.01)
A23L 3/00 (2006.01)
A23L 5/10 (2016.01)
F25D 13/06 (2006.01)
F25D 17/06 (2006.01)
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C01B 33/148 (2006.01)
B01D 53/02 (2006.01)
B01D 53/18 (2006.01)
B01D 53/62 (2006.01)
B01J 20/10 (2006.01)
B01J 20/26 (2006.01)
B01J 20/28 (2006.01)
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B01J 20/30 (2006.01)
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C01B 33/158 (2006.01)
C08G 77/26 (2006.01)
C08J 9/28 (2006.01)
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C07D 209/16 (2006.01)
A61K 31/4045 (2006.01)
A61P 25/22 (2006.01)
C07D 413/12 (2006.01)
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C07D 231/12 (2006.01)
C07D 403/04 (2006.01)
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(51) Int. Cl.
C12N 15/113 (2010.01)
A61K 9/20 (2006.01)
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(54) Recyclable multilayer packaging material
(51) Int. Cl.
B32B 7/12 (2006.01)
B32B 27/08 (2006.01)
B32B 27/32 (2006.01)
C08L 23/12 (2006.01)
(87) WO2022/037891
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(74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD
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- (71) Contech Engineered Solutions LLC
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(21) 2021326446 (22) 09.08.2021
(54) Stormwater treatment device
(51) Int. Cl.
B01D 24/32 (2006.01)
B01D 33/06 (2006.01)
B01D 33/073 (2006.01)
B01D 33/46 (2006.01)

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(54) Tracked vehicle
(51) Int. Cl.
B62D 55/084 (2006.01)
B62D 55/065 (2006.01)
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(87) WO2022/009146
(31) 102020000016738 **(32)** 09.07.20 **(33)** IT
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(72) BONA, Federico
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- (71)** ContiTech Lufffedersysteme GmbH
(11) AU-A-2021337794
(21) 2021337794 **(22)** 30.08.2021
(54) Hydraulic bearing bush
(51) Int. Cl.
F16F 13/14 (2006.01)
(87) WO2022/048716
(31) 10 2020 211 184.7 **(32)** 04.09.20 **(33)** DE
(43) 10.03.2022
(72) SANZ, Andre; GROTSCH, Sara
(74) Griffith Hack
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(11) AU-A-2021300448
(21) 2021300448 **(22)** 02.07.2021
(54) Tray having nested drainage platform
(51) Int. Cl.
A47J 47/10 (2006.01)
B65D 43/02 (2006.01)
B65D 81/26 (2006.01)
(87) WO2022/006542
(31) 63/164,896 **(32)** 23.03.21 **(33)** US
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(43) 06.01.2022
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(74) FPA Patent Attorneys Pty Ltd
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(11) AU-A-2021324774
(21) 2021324774 **(22)** 12.08.2021
(54) High-profile, anatomy-specific craniofacial implants for combined hard and soft tissue reconstruction with embedded technology for medicine delivery
(51) Int. Cl.
A61F 2/02 (2006.01)
A61B 17/56 (2006.01)
A61F 2/00 (2006.01)
A61F 2/08 (2006.01)
A61F 2/28 (2006.01)
(87) WO2022/036043
(31) 63/065,045 **(32)** 13.08.20 **(33)** US
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(43) 17.02.2022
(72) GORDON, Chad
(74) Michael Buck IP
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(11) AU-A-2021297465
(21) 2021297465 **(22)** 28.06.2021
(54) Novel cell metabolism modulating compounds and uses thereof
(51) Int. Cl.
A61P 3/08 (2006.01)
A61P 3/10 (2006.01)
C07D 209/10 (2006.01)
C07D 209/82 (2006.01)
C07D 209/94 (2006.01)
C07D 403/06 (2006.01)
C07D 413/06 (2006.01)
(87) WO2021/263246
(31) 63/045,079 **(32)** 27.06.20 **(33)** US
(43) 30.12.2021
(72) KOYUNCU, Emre; HAHN, Kim
(74) Spruson & Ferguson
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(11) AU-A-2021315749
(21) 2021315749 **(22)** 08.07.2021
(54) On-board charging station for a remote control device
(51) Int. Cl.
H02J 7/00 (2006.01)
B66F 9/06 (2006.01)
(87) WO2022/026144
(31) 63/059,567 **(32)** 31.07.20 **(33)** US
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(43) 03.02.2022
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(74) BOSH IP Pty Ltd
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(11) AU-A-2021320344
(21) 2021320344 **(22)** 06.08.2021
(54) Performance tuning of a materials handling vehicle
(51) Int. Cl.
G06Q 10/06 (2012.01)
B60W 50/00 (2006.01)
(87) WO2022/032049
(31) 63/062,432 **(32)** 06.08.20 **(33)** US
(43) 10.02.2022
(72) COTTERMAN, Brad; DENISON, Ray; MILLER, Justin; LEVAN, Mike
(74) Griffith Hack
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- (71)** Curium US LLC
(11) AU-A-2021335221
(21) 2021335221 **(22)** 25.08.2021
(54) Container closure including vortex-generating feature
(51) Int. Cl.
G21G 1/00 (2006.01)
A61J 1/05 (2006.01)
A61J 1/14 (2006.01)
B04C 3/06 (2006.01)
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- (87)** WO2022/046915
(31) 63/072,641 **(32)** 31.08.20 **(33)** US
(43) 03.03.2022
(72) RADFORD, Lauren; SHAHANOV, Valery; MICKA, Alex
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- (71)** Cybin IRL Limited
(11) AU-A-2021354006
(21) 2021354006 **(22)** 01.10.2021
(54) Methods for delivery of psychedelic medications by inhalation and systems for performing the methods
(51) Int. Cl.
A61K 9/00 (2006.01)
A61K 31/00 (2006.01)
A61M 11/00 (2006.01)
A61P 25/00 (2006.01)
(87) WO2022/069690
(31) 63/086,830 **(32)** 02.10.20 **(33)** US
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 63/241,891 08.09.21 US
(43) 07.04.2022
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(74) FPA Patent Attorneys Pty Ltd
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- (71)** Cyclarity Therapeutics, Inc.
(11) AU-A-2021306298
(21) 2021306298 **(22)** 07.07.2021
(54) Cyclodextrin dimers and uses thereof
(51) Int. Cl.
A61K 47/36 (2006.01)
A61K 47/40 (2006.01)
C08B 7/00 (2006.01)
C08B 37/02 (2006.01)
(87) WO2022/011040
(31) 63/048,824 **(32)** 07.07.20 **(33)** US
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(43) 13.01.2022
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(74) FB Rice Pty Ltd
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- (71)** Cytozyme Laboratories, Inc.
(11) AU-A-2021320217
(21) 2021320217 **(22)** 04.08.2021
(54) Plant fertilizer compositions and related methods for enhancing phosphorus solubility
(51) Int. Cl.
C05G 1/00 (2006.01)
C05F 11/08 (2006.01)
C05G 5/20 (2020.01)
C09K 17/40 (2006.01)
(87) WO2022/031845
(31) 63/061,155 **(32)** 04.08.20 **(33)** US
(43) 10.02.2022
(72) WOZNIAK, Elizabeth Maria
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 (21) 2020223375 (22) 15.02.2020
 (54) Intra-oral scanning device with active delete of unwanted scanned items
 (51) Int. Cl.
A61C 9/00 (2006.01)
A61B 5/00 (2006.01)
G06T 5/00 (2006.01)
G06T 7/00 (2017.01)
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 (21) 2021321661 (22) 30.07.2021
 (54) Generation device, system, and program
 (51) Int. Cl.
F24F 11/46 (2018.01)
G06Q 50/06 (2012.01)
 (87) WO2022/030386
 (31) 2020-131776 (32) 03.08.20 (33) JP
 (43) 10.02.2022
 (72) NAKAO, Takuya; FURUI, Shuji; NAKAGAWA, Yoshihiro
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 (21) 2021322409 (22) 30.07.2021
 (54) Generation device, system, and program
 (51) Int. Cl.
G06Q 50/16 (2012.01)
F24F 11/47 (2018.01)
F24F 11/48 (2018.01)
 (87) WO2022/030385
 (31) 2020-131771 (32) 03.08.20 (33) JP
 (43) 10.02.2022
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 (11) AU-A-2021342953
 (21) 2021342953 (22) 15.09.2021
 (54) Air conditioning system and method for constructing the same
 (51) Int. Cl.
F24F 3/06 (2006.01)
F24F 11/00 (2018.01)
F24F 11/36 (2018.01)
F24F 11/62 (2018.01)
F24F 11/89 (2018.01)
F24F 13/10 (2006.01)
F25B 13/00 (2006.01)
F24F 140/40 (2018.01)
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 (31) 20196177.8 (32) 15.09.20 (33) EP
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- (71) 24.03.2022
 (72) STEEN, David; CORNELIS, Kevin; DEGRANDE, Arne; NAKAGAWA, Yuusuke; SCOTTO DI LUZIO, Gennaro
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- (71) Daiwa Can Company
 (11) AU-A-2021317947
 (21) 2021317947 (22) 28.07.2021
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 (51) Int. Cl.
B65D 17/40 (2006.01)
 (87) WO2022/025112
 (31) 2020-129858 (32) 31.07.20 (33) JP
 (43) 03.02.2022
 (72) SHIOTANI, Masahiro; MIYASHITA, Rio
 (74) FB Rice Pty Ltd
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 (11) AU-A-2021301958
 (21) 2021301958 (22) 01.07.2021
 (54) Data transmission method, indication method, and device
 (51) Int. Cl.
H04W 24/02 (2009.01)
H04W 76/27 (2018.01)
 (87) WO2022/002202
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 (43) 06.01.2022
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- (71) Davines S.p.A.
 (11) AU-A-2021308797
 (21) 2021308797 (22) 14.07.2021
 (54) Cosmetic formulations for hair treatment with improved properties
 (51) Int. Cl.
A61K 8/06 (2006.01)
A61K 8/73 (2006.01)
A61Q 5/02 (2006.01)
A61Q 5/10 (2006.01)
A61Q 5/12 (2006.01)
 (87) WO2022/013900
 (31) 102020000017485 (32) 17.07.20 (33) IT
 (43) 20.01.2022
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 (74) AJ PARK
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- (71) De-Ice Technologies, Inc.
 (11) AU-A-2021315995
 (21) 2021315995 (22) 28.07.2021
 (54) De-icing systems and control
 (51) Int. Cl.
B64D 15/12 (2006.01)
H05B 3/20 (2006.01)
 (87) WO2022/026604
 (31) 63/057,881 (32) 28.07.20 (33) US
 (43) 03.02.2022
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 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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 (11) AU-A-2021306669
 (21) 2021306669 (22) 07.07.2021
 (54) Silica hydrogel composite and its use
 (51) Int. Cl.
A61K 9/10 (2006.01)
A61K 9/00 (2006.01)
A61K 9/06 (2006.01)
A61K 31/519 (2006.01)
A61K 47/02 (2006.01)
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 (74) FB Rice Pty Ltd
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- (71) Denali Therapeutics Inc.
 (11) AU-A-2021324901
 (21) 2021324901 (22) 13.08.2021
 (54) Compounds, compositions and methods
 (51) Int. Cl.
A61K 31/50 (2006.01)
A61K 31/5025 (2006.01)
C07D 237/26 (2006.01)
C07D 237/30 (2006.01)
C07D 237/32 (2006.01)
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 (31) 63/066,074 (32) 14.08.20 (33) US
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 (74) FPA Patent Attorneys Pty Ltd
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- (71) Deroyal Industries, Inc.
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 (21) 2021357053 (22) 22.09.2021
 (54) Stackable eye shields with selectively releasable snap-fit assembly
 (51) Int. Cl.
G02C 1/04 (2006.01)
A61F 9/04 (2006.01)
B65D 5/72 (2006.01)
G02C 5/22 (2006.01)
 (87) WO2022/076164
 (31) 63/089,897 (32) 09.10.20 (33) US
 17/218,610 31.03.21 US
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 (43) 14.04.2022
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(21) 2021311027 (22) 21.07.2021
(54) 5' S/MAR applications
(51) Int. Cl.
C12N 15/00 (2006.01)
C12N 15/85 (2006.01)
(87) WO2022/018143
(31) 20187240.5 (32) 22.07.20 (33) EP
(43) 27.01.2022
(72) HARBOTTLE, Richard; BOZZA, Matthias
(74) Spruson & Ferguson
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(11) AU-A-2021317020
(21) 2021317020 (22) 27.07.2021
(54) P53 post-translational modifications as markers in the diagnosis and prognosis of a neurodegenerative disease
(51) Int. Cl.
G01N 33/68 (2006.01)
(87) WO2022/023964
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(43) 03.02.2022
(72) PICCIRELLA, Simona; UBERTI, Daniela Letizia
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- (71) Dicerna Pharmaceuticals, Inc.
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(21) 2021321289 (22) 21.07.2021
(54) Systemic delivery of oligonucleotides
(51) Int. Cl.
A61K 47/54 (2017.01)
C12N 15/113 (2010.01)
(87) WO2022/031433
(31) 63/144,603 (32) 02.02.21 (33) US
63/060,715 04.08.20 US
(43) 10.02.2022
(72) WANG, Weimin; BROWN, Bob Dale; YU, Hongchuan; CAI, Xiaochuan; AB-RAMS, Marc
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) Dicerna Pharmaceuticals Inc.
(11) AU-A-2021320219
(21) 2021320219 (22) 04.08.2021
(54) Compositions and methods for the treatment of metabolic syndrome
(51) Int. Cl.
C12N 15/113 (2010.01)
A61K 31/7088 (2006.01)
(87) WO2022/031850
(31) 63/061,045 (32) 04.08.20 (33) US
63/082,762 24.09.20 US
(43) 10.02.2022
(72) ABRAMS, Marc; WONDIMU, Elisabeth; BASURAY, Soumik
(74) Griffith Hack
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- (71) Dicerna Pharmaceuticals Inc.
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(21) 2021321430 (22) 04.08.2021
(54) Compositions and methods for inhibiting PLP1 expression
- (51) Int. Cl.
A61K 31/713 (2006.01)
C12N 15/113 (2010.01)
(87) WO2022/031847
(31) 63/061,040 (32) 04.08.20 (33) US
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(74) Griffith Hack
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- (71) Disarm Therapeutics, Inc.
(11) AU-A-2021333558
(21) 2021333558 (22) 23.08.2021
(54) Inhibitors of SARM1
(51) Int. Cl.
C07D 401/14 (2006.01)
A61K 31/4412 (2006.01)
A61P 25/28 (2006.01)
C07D 413/14 (2006.01)
(87) WO2022/046606
(31) 63/069,408 (32) 24.08.20 (33) US
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(74) Davies Collision Cave Pty Ltd
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- (71) Dolby International AB
(11) AU-A-2021305381
(21) 2021305381 (22) 07.07.2021
(54) Packet loss concealment
(51) Int. Cl.
G10L 19/005 (2013.01)
G10L 19/008 (2013.01)
(87) WO2022/008571
(31) 63/049,323 (32) 08.07.20 (33) US
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(43) 13.01.2022
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(74) Spruson & Ferguson
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- (71) Dragonfly Therapeutics, Inc.
(11) AU-A-2021320253
(21) 2021320253 (22) 05.08.2021
(54) Antibodies targeting EGFR and use thereof
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/00 (2006.01)
A61P 35/00 (2006.01)
C12Q 1/6886 (2018.01)
(87) WO2022/031935
(31) 63/061,507 (32) 05.08.20 (33) US
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(74) Spruson & Ferguson
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- (71) Dragonfly Therapeutics, Inc.
(11) AU-A-2021320311
(21) 2021320311 (22) 05.08.2021
(54) Proteins binding NKG2D, CD16 and EGFR
(51) Int. Cl.
C07K 16/28 (2006.01)
A61P 35/00 (2006.01)
C07K 14/705 (2006.01)
(87) WO2022/031965
(31) 63/061,510 (32) 05.08.20 (33) US
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(74) Spruson & Ferguson
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- (71) DSM IP Assets B.V.
(11) AU-A-2021336079
(21) 2021336079 (22) 30.08.2021
(54) A polyurethane composite sheet, a method of making such composite sheet, and use thereof in making a medical implant
(51) Int. Cl.
A61F 2/24 (2006.01)
A61L 27/18 (2006.01)
A61L 27/48 (2006.01)
A61L 27/50 (2006.01)
A61L 31/06 (2006.01)
A61L 31/12 (2006.01)
A61L 31/14 (2006.01)
(87) WO2022/049038
(31) 20193942.8 (32) 01.09.20 (33) EP
(43) 10.03.2022
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(74) PHILLIPS ORMONDE FITZPATRICK
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- (71) Dxclover Limited
(11) AU-A-2021359226
(21) 2021359226 (22) 15.10.2021
(54) Continuous infrared spectroscopy system and method
(51) Int. Cl.
G01N 21/25 (2006.01)
G01N 21/552 (2014.01)
G01N 35/00 (2006.01)
(87) WO2022/079443
(31) 2016426.5 (32) 16.10.20 (33) GB
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(72) BAKER, Matthew J; HEGARTY, Mark; BUTLER, Holly Jean
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71) Eavor Technologies Inc.
(11) AU-A-2021319433
(21) 2021319433 (22) 05.08.2021
(54) Generating geothermal energy using multiple working fluids
(51) Int. Cl.
F24T 50/00 (2018.01)
F24T 10/20 (2018.01)
F28F 23/00 (2006.01)
(87) WO2022/029699
(31) 63/061,385 (32) 05.08.20 (33) US

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 REDFERN, John; CAIRNS, Paul;
 ZATONSKI, Vsevolod
 (74) Pizzey's Patent and Trade Mark Attor-
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(71) Ecolution.Ag LLC
 (11) AU-A-2021315416
 (21) 2021315416 (22) 19.03.2021
 (54) Novel organic fungicide
 (51) Int. Cl.
 A01N 25/02 (2006.01)
 A01N 25/30 (2006.01)
 A01N 65/00 (2009.01)
 A01N 65/20 (2009.01)
 A01N 65/42 (2009.01)
 A01P 1/00 (2006.01)
 (87) WO2022/025990
 (31) 3088670 (32) 31.07.20 (33) CA
 (43) 03.02.2022
 (72) SANTOSH KUMAR, Albert
 (74) James & Wells Intellectual Property

(71) Ecolution.Ag LLC
 (11) AU-A-2021318335
 (21) 2021318335 (22) 19.03.2021
 (54) Novel organic fungicide for use against
 fusarium wilt
 (51) Int. Cl.
 A01N 65/28 (2009.01)
 A61K 36/00 (2006.01)
 (87) WO2022/025991
 (31) 3,088,670 (32) 31.07.20 (33) CA
 (43) 03.02.2022
 (72) SANTOSH KUMAR, Albert
 (74) James & Wells Intellectual Property

(71) Ecolution.Ag LLC
 (11) AU-A-2021318507
 (21) 2021318507 (22) 26.07.2021
 (54) Broad-spectrum organic fungicide and
 bactericide
 (51) Int. Cl.
 A01N 25/02 (2006.01)
 A01N 31/02 (2006.01)
 A01N 35/04 (2006.01)
 (87) WO2022/026383
 (31) 3088670 (32) 31.07.20 (33) CA
 (43) 03.02.2022
 (72) SANTOSH KUMAR, Albert
 (74) James & Wells Intellectual Property

(71) Edwards Lifesciences Corporation
 (11) AU-A-2021321159
 (21) 2021321159 (22) 08.01.2021
 (54) Sensor stabilizer
 (51) Int. Cl.
 A61B 5/00 (2006.01)
 A61B 5/0215 (2006.01)
 A61B 17/00 (2006.01)
 A61F 2/02 (2006.01)
 (87) WO2022/031317
 (31) 63/060,333 (32) 03.08.20 (33) US
 (43) 10.02.2022
 (72) VALDEZ, Michael G.
 (74) Spruson & Ferguson

(71) Edwards Lifesciences Corporation
 (11) AU-A-2021330813
 (21) 2021330813 (22) 23.08.2021
 (54) Methods and systems for aligning a
 commissure of a prosthetic heart valve
 with a commissure of a native valve
 (51) Int. Cl.
 A61F 2/24 (2006.01)
 A61F 2/966 (2013.01)
 (87) WO2022/046585
 (31) 63/138,890 (32) 19.01.21 (33) US
 63/069,567 24.08.20 US
 (43) 03.03.2022
 (72) BIALAS, Michael R.; HICKS, Kristen;
 MURAD, Michael C.; SENESH, Gil;
 ANGELICO, Gonzalo German; CER-
 QUEIRA, Carla Susana; LOW, Victoria
 Mariko; FERNANDEZ, Andrea; BRITZ-
 MAN, Karl J.; HOYE, Shannon Nicole;
 WHITEHEAD, Haley Nicole
 (74) Spruson & Ferguson

(71) Edwards Lifesciences Corporation
 (11) AU-A-2021330814
 (21) 2021330814 (22) 23.08.2021
 (54) Commissure marker for a prosthetic
 heart valve
 (51) Int. Cl.
 A61F 2/24 (2006.01)
 A61F 2/82 (2013.01)
 (87) WO2022/046588
 (31) 63/138,890 (32) 19.01.21 (33) US
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 (43) 03.03.2022
 (72) BIALAS, Michael R.; HICKS, Kristen;
 MURAD, Michael C.; SENESH, Gil;
 ANGELICO, Gonzalo German; CER-
 QUEIRA, Carla Susana; LOW, Victoria
 Mariko; FERNANDEZ, Andrea; NGUY-
 EN, Kim D.; HOANG, Lien Huong Thi;
 BRITZMAN, Karl J.; HOYE, Shannon
 Nicole; WHITEHEAD, Haley Nicole;
 WINTERS, Taylor Michael; DO, Vicky
 Hong; CORONA, Jeannette Jasmine;
 ISHIGO, Ashley Akemi
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 (54) Balloon cover for a delivery apparat-
 us for an expandable prosthetic heart
 valve
 (51) Int. Cl.
 A61F 2/24 (2006.01)
 A61F 2/958 (2013.01)
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 MURAD, Michael C.; SENESH, Gil;
 ANGELICO, Gonzalo German; CER-
 QUEIRA, Carla Susana; LOW, Vic-
 toria Mariko; FERNANDEZ, Andrea;
 NGUYEN, Kim D.; HOANG, Lien Huong
 Thi; DO, Vicky Hong; HOYE, Shannon

Nicole; WHITEHEAD, Haley Nicole;
 WINTERS, Taylor Michael; BRITZMAN,
 Karl J.
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(71) Eli Lilly and Company
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 (54) Methods and apparatus for aspects of
 a dose detection system module for a
 medication delivery device
 (51) Int. Cl.
 A61M 5/315 (2006.01)
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 (72) KERSHNER, James Robert; LIAO, Yan;
 MASSARI, Rossano Claudio; TRZYB-
 INSKI, Robert Eugene
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(71) Emblation Limited
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 (54) Optimally integrated generator antenna
 system
 (51) Int. Cl.
 A61B 18/18 (2006.01)
 A61B 18/14 (2006.01)
 A61N 5/02 (2006.01)
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 (72) MCERLEAN, Eamon; BEALE, Gary
 (74) FB Rice Pty Ltd

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 (54) Respiratory protection mask
 (51) Int. Cl.
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 (72) SCHREIB, Carlos
 (74) Griffith Hack

(71) Enable Injections, Inc.
 (11) AU-A-2021320157
 (21) 2021320157 (22) 04.08.2021
 (54) Pressurized gas powered liquid transfer
 device and system
 (51) Int. Cl.
 A61M 5/155 (2006.01)
 A61J 1/20 (2006.01)
 A61M 5/14 (2006.01)
 A61M 5/142 (2006.01)
 A61M 5/148 (2006.01)
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 (51) Int. Cl.
 C12N 1/20 (2006.01)
 A61K 35/74 (2015.01)
 A62D 3/02 (2007.01)
 B09B 3/00 (2022.01)
 B09C 1/10 (2006.01)
 C02F 3/34 (2006.01)
 C05F 11/08 (2006.01)
 C12N 1/36 (2006.01)
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 (21) 2021311945 (22) 16.07.2021
 (54) Device for an energy transfer and for an energy storage in a liquid reservoir
 (51) Int. Cl.
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 (54) System for climate-control of interior spaces of a building
 (51) Int. Cl.
 F24F 1/0035 (2019.01)
 F24F 5/00 (2006.01)
 F24F 7/00 (2021.01)
 F24F 11/46 (2018.01)
 F24F 11/875 (2018.01)
 F24F 12/00 (2006.01)
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 (51) Int. Cl.
 C07K 16/28 (2006.01)
 A61K 39/395 (2006.01)
 A61K 47/68 (2017.01)
 A61P 35/00 (2006.01)
 C07K 16/46 (2006.01)
 C12N 15/13 (2006.01)
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 (51) Int. Cl.
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 B63B 21/50 (2006.01)
 B63B 35/44 (2006.01)
 F03D 13/25 (2016.01)
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 (21) 2021318602 (22) 27.07.2021
 (54) Compounds
 (51) Int. Cl.
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 A61P 35/00 (2006.01)
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 G02C 7/02 (2006.01)
 G03H 1/04 (2006.01)
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 C01B 3/10 (2006.01)
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 (21) 2021324304 (22) 04.08.2021
 (54) Method for producing a respiratory protection mask
 (51) Int. Cl.
 A62B 23/02 (2006.01)
 A41D 13/11 (2006.01)
 B01D 39/16 (2006.01)
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 (31) 20190686.4 (32) 12.08.20 (33) EP
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 (72) SAUER, Ralf; SCHULTINK, Jan
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 (51) Int. Cl.
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 (74) AJ PARK
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 (54) Combinations for the treatment of can-cer
 (51) Int. Cl.
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 (74) AJ PARK
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 (54) CD47 binding agents and uses thereof
 (51) Int. Cl.
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 (54) PD-L1 binding agents and uses thereof
 (51) Int. Cl.
 C07K 16/30 (2006.01)
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 (31) 63/061,109 (32) 04.08.20 (33) US
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 (51) Int. Cl.
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 (54) PD-L1 binding agents and uses thereof
 (51) Int. Cl.
 C07K 16/30 (2006.01)
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 (21) 2021319148 (22) 28.07.2021
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 A61B 5/097 (2006.01)
 A61M 16/20 (2006.01)
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 (54) Methods for treating multiple sclerosis with ocrelizumab
 (51) Int. Cl.
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 A61K 39/00 (2006.01)
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 C07K 16/28 (2006.01)
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 (51) Int. Cl.
 A61B 5/1495 (2006.01)
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 (54) Multi-texture confection
 (51) Int. Cl.
 A23G 3/54 (2006.01)
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 A23G 3/42 (2006.01)
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 (74) Blue Penguin IP Ltd
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 (54) Coated powder for powder jet cleaning of teeth
 (51) Int. Cl.
 A61K 8/02 (2006.01)
 A61K 8/34 (2006.01)
 A61K 8/44 (2006.01)
 A61K 8/65 (2006.01)
 A61Q 11/00 (2006.01)
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 (74) PHILLIPS ORMONDE FITZPATRICK
-
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 (21) 2021339980 (22) 03.09.2021
 (54) Filler compositions comprising microfibrillated cellulose and microporous inorganic particulate material composites for paper and paperboard application with improved mechanical properties
 (51) Int. Cl.
 D21C 9/00 (2006.01)
 D21H 11/18 (2006.01)
 D21H 17/00 (2006.01)
 D21H 17/67 (2006.01)
 D21H 17/68 (2006.01)
 D21H 21/18 (2006.01)
 D21H 21/22 (2006.01)
 D21H 21/52 (2006.01)
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 (74) Griffith Hack
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D21C 9/00 (2006.01)
D21H 11/18 (2006.01)
D21H 17/00 (2006.01)
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 WINDEBANK, Mark; INGLE, Daniel;
 PARADIS, Mark; SKUSE, David R.
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 (21) 2021320143 (22) 03.08.2021
 (54) Slide valve
 (51) Int. Cl.
F16K 3/314 (2006.01)
A62C 35/68 (2006.01)
F16K 15/02 (2006.01)
F16K 17/04 (2006.01)
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 TWOREK, Andrew; MILLER, E. Dean;
 STILWELL, Bradford T.
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 (54) Positive pressure breathing circuit
 (51) Int. Cl.
A61M 16/08 (2006.01)
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 (54) A sail
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 (72) FRASER, Mark
 (74) AJ PARK
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 (21) 2021317755 (22) 31.05.2021
 (54) Apparatus, method and computer program for encoding an audio signal or for decoding an encoded audio scene
 (51) Int. Cl.
G10L 19/012 (2013.01)
G10L 19/008 (2013.01)
H04J 3/17 (2006.01)
G10L 19/16 (2013.01)
 (87) WO2022/022876
 (31) 20188707.2 (32) 30.07.20 (33) EP
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 (54) Platform vector for modular and simplified insertion of transgenes into Alphaherpesvirinae
 (51) Int. Cl.
C12N 15/869 (2006.01)
A61K 35/763 (2015.01)
A61K 48/00 (2006.01)
 (87) WO2022/029286
 (31) 20190134.5 (32) 07.08.20 (33) EP
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 (72) BAILER, Susanne; FUNK, Christina
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 (21) 2021318908 (22) 28.07.2021
 (54) Analysis of an acoustic signal
 (51) Int. Cl.
G10L 25/45 (2013.01)
A61B 5/024 (2006.01)
G10L 25/51 (2013.01)
G10L 25/66 (2013.01)
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 (74) FB Rice Pty Ltd
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 (54) Devices, systems, and methods for real-time peeling
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A23N 7/02 (2006.01)
G05B 13/02 (2006.01)
 (87) WO2022/040407
 (31) 63/068,119 (32) 20.08.20 (33) US
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 (74) James & Wells Intellectual Property
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 (21) 2021302154 (22) 01.07.2021
 (54) Polyurea lubricating greases containing carbonates, and their use
 (51) Int. Cl.
C10M 161/00 (2006.01)
 (87) WO2022/002317
 (31) 10 2020 117 671.6 (32) 03.07.20 (33) DE
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 (21) 2021321659 (22) 30.07.2021
 (54) Heat exchanger
 (51) Int. Cl.
F25B 39/00 (2006.01)
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F28D 1/053 (2006.01)
F28F 1/02 (2006.01)
F28F 9/02 (2006.01)
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 (31) 2020-131928 (32) 03.08.20 (33) JP
 (43) 10.02.2022
 (72) MAEMA, Yoshinari; SHIMANO, Daiki; NAKATA, Shohei
 (74) Spruson & Ferguson
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- (71) Fundacio Eurecat
 (11) AU-A-2021314992
 (21) 2021314992 (22) 12.07.2021
 (54) Ventilator
 (51) Int. Cl.
A61M 16/00 (2006.01)
 (87) WO2022/023595
 (31) U202031685 (32) 29.07.20 (33) ES
 (43) 03.02.2022
 (72) MAGALLON VALLES, Jose; SÁNCHEZ VALENZUELA, Rafael
 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) Furanwood Co., Ltd.; Kyoto Prefectural Public University Corporation
 (11) AU-A-2021315711
 (21) 2021315711 (22) 27.07.2021
 (54) Method for producing modified wood-based material, furan derivative resinification solution, and modified wood-based material
 (51) Int. Cl.
B27K 3/52 (2006.01)
 (87) WO2022/025089
 (31) 2020-128665 (32) 29.07.20 (33) JP
 (43) 03.02.2022
 (72) ITOH, Takafumi; MIYAFUJI, Hisashi; FURUTA, Yuzo; KOJIRO, Keisuke; HORIYAMA, Hiroaki; OTSUKA, Yukari;

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(74) Spruson & Ferguson

(71) Furrer + Frey AG; Wang, B.
(11) AU-A-2021333995
(21) 2021333995 **(22)** 30.08.2021
(54) Device for compensating for a change in length of a conductor rail
(51) Int. Cl.
B60M 1/26 (2006.01)
B60M 1/30 (2006.01)
(87) WO2022/043954
(31) 202010884380.5 **(32)** 28.08.20 **(33)** CN
(43) 03.03.2022
(72) WANG, Beiwei
(74) SOUTHERN CROSS INTELLECTUAL PROPERTY PTY LTD

(71) Futamura Kagaku Kabushiki Kaisha; National Institute of Advanced Industrial Science and Technology
(11) AU-A-2021351326
(21) 2021351326 **(22)** 24.09.2021
(54) Neutral per- and poly-fluoroalkyl compound adsorbing activated carbon and method for analyzing neutral per- and poly-fluoroalkyl compounds in water sample
(51) Int. Cl.
C01B 32/306 (2017.01)
B01J 20/20 (2006.01)
B01J 20/28 (2006.01)
G01N 30/88 (2006.01)
(87) WO2022/071112
(31) 2020-165322 **(32)** 30.09.20 **(33)** JP
(43) 07.04.2022
(72) YAMASHITA, Nobuyoshi; TANIYASU, Sach; KOUSAKA, Tsutomu; YOKOI, Makoto; HORI, Chiharu; SHIMAMURA, Kodai; ASANO, Takuya
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Futu Network Technology (Shenzhen) Co., Ltd.
(11) AU-A-2022259836
(21) 2022259836 **(22)** 15.07.2022
(54) Method and apparatus for displaying and analyzing option information, device, and storage medium
(51) Int. Cl.
G06Q 40/00 (2012.01)
(31) 202110928110.4 **(32)** 12.08.21 **(33)** CN
(43) 02.03.2023
(72) JIANG, Zhenyuan; HUANG, Xiao
(74) DAVIS IP PTY LTD

(71) Gel4Med, Inc.
(11) AU-A-2021324656
(21) 2021324656 **(22)** 09.08.2021
(54) Topical and parenteral use and administration of self-assembling amphiphilic peptide hydrogels
(51) Int. Cl.
A61K 38/03 (2006.01)
A01N 37/18 (2006.01)
A01N 61/00 (2006.01)

A01P 1/00 (2006.01)
(87) WO2022/035783
(31) 63/063,782 **(32)** 10.08.20 **(33)** US
(43) 17.02.2022
(72) ALVES TELLECHEA, Ana Luisa; MEKALA, Ravi Kiran; KUMAR, Kushee-Nidhi Kush; LIU, Hung-Yi; LEE, Yewoo; MEHTA, Manav
(74) Davies Collison Cave Pty Ltd

(71) Gel4Med, Inc.
(11) AU-A-2021324962
(21) 2021324962 **(22)** 09.08.2021
(54) Self-assembling amphiphilic peptide hydrogels
(51) Int. Cl.
A61B 17/12 (2006.01)
A61B 17/34 (2006.01)
A61K 38/07 (2006.01)
A61K 38/08 (2019.01)
A61K 38/10 (2006.01)
(87) WO2022/035779
(31) 63/063,743 **(32)** 10.08.20 **(33)** US
(43) 17.02.2022
(72) MEHTA, Manav; MEKALA, Ravi Kiran
(74) Davies Collison Cave Pty Ltd

(71) Gel4Med, Inc.
(11) AU-A-2021325682
(21) 2021325682 **(22)** 09.08.2021
(54) Antimicrobial matrix formed from peptide hydrogels
(51) Int. Cl.
A61K 38/03 (2006.01)
A01N 37/18 (2006.01)
A01N 61/00 (2006.01)
A01P 1/00 (2006.01)
(87) WO2022/035782
(31) 63/063,764 **(32)** 10.08.20 **(33)** US
(43) 17.02.2022
(72) KUMAR, Kushee-Nidhi, Kush; MEKALA, Ravi Kiran; MEHTA, Manav
(74) Davies Collison Cave Pty Ltd

(71) Genentech, Inc.
(11) AU-A-2021342566
(21) 2021342566 **(22)** 20.09.2021
(54) Purification of multispecific antibodies
(51) Int. Cl.
C07K 16/46 (2006.01)
C07K 1/16 (2006.01)
C07K 1/18 (2006.01)
C07K 1/20 (2006.01)
C07K 16/00 (2006.01)
(87) WO2022/061214
(31) 63/080,950 **(32)** 21.09.20 **(33)** US
(43) 24.03.2022
(72) WILLIAMS, Ambrose J.; XU, An kai
(74) Griffith Hack

(71) Generation Bio Co.
(11) AU-A-2021307952
(21) 2021307952 **(22)** 16.07.2021
(54) Methods for encapsulating polynucleotides into reduced sizes of Lipid nanoparticles and novel formulation thereof
(51) Int. Cl.

A61K 38/44 (2006.01)
A61K 9/127 (2006.01)
A61K 47/28 (2006.01)
(87) WO2022/016089
(31) 63/053,274 **(32)** 17.07.20 **(33)** US
(43) 20.01.2022
(72) GALLAGHER, Nolan; STANTON, Matthew G.; FEINSTEIN, Gregory
(74) Griffith Hack

(71) Geobruugg AG
(11) AU-A-2021336062
(21) 2021336062 **(22)** 26.08.2021
(54) Sensor network-based analysis and/or prediction method, and remote monitoring sensor device
(51) Int. Cl.
G01N 17/00 (2006.01)
G01N 33/00 (2006.01)
H04W 4/38 (2018.01)
(87) WO2022/048981
(31) 10 2020 122 861.9 **(32)** 01.09.20 **(33)** DE
(43) 10.03.2022
(72) EICHER, Manuel
(74) GLMR

(71) Geonavo Positioning Systems, Inc.
(11) AU-A-2021322835
(21) 2021322835 **(22)** 05.08.2021
(54) Localization system and method
(51) Int. Cl.
G01S 5/00 (2006.01)
G16H 40/20 (2018.01)
(87) WO2022/027137
(31) 63/061,438 **(32)** 05.08.20 **(33)** US
(43) 10.02.2022
(72) WILLIAMS, Malcolm; HARDIE, Stewart Ian; CURTICAPEAN, Ioan Romulus; HUDSON, Benjamin Griffen Ryan
(74) RnB IP Pty Ltd

(71) GeoQuest Systems B.V.
(11) AU-A-2021316097
(21) 2021316097 **(22)** 30.07.2021
(54) Automated drilling fluids management system
(51) Int. Cl.
E21B 21/08 (2006.01)
E21B 43/12 (2006.01)
E21B 47/12 (2012.01)
E21B 49/08 (2006.01)
(87) WO2022/026804
(31) 62/706,064 **(32)** 30.07.20 **(33)** US
(43) 03.02.2022
(72) STEWART, Colin; BOUGUETTA, Chemseddine; CHASSARD, Adrien; LECERF, Bruno
(74) Griffith Hack

(71) Georgia Tech Research Corporation; University of Louisville Research Foundation, Inc.
(11) AU-A-2021306315
(21) 2021306315 **(22)** 08.07.2021
(54) Crosslinked hydrogel for immune checkpoint blockade delivery

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A61K 47/60 (2017.01)
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(31) 63/049,185 (32) 08.07.20 (33) US
(43) 13.01.2022
- (72) GARCIA, Andres J.; CORONEL, Maria M.; SHIRWAN, Haval; YOLCU, Esma S.
(74) Spruson & Ferguson
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- (71) Georgia Tech Research Corporation
(11) AU-A-2021327756
(21) 2021327756 (22) 20.08.2021
(54) Systems and methods for controlling soft-switching current source converters
- (51) Int. Cl.
H02M 7/162 (2006.01)
H02M 7/48 (2007.01)
H02M 7/521 (2006.01)
H02M 7/523 (2006.01)
- (87) WO2022/040537
(31) 63/068,280 (32) 20.08.20 (33) US
(43) 24.02.2022
- (72) MAUGER, Mickael J.; KANDULA, Rajendra Prasad; DIVAN, Deepak M.
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) GET MEE PTY LTD
(11) AU-A-2021314026
(21) 2021314026 (22) 22.07.2021
(54) Self-adapting and autonomous methods for analysis of textual and verbal communication
- (51) Int. Cl.
G10L 15/22 (2006.01)
G06F 40/20 (2020.01)
G09B 19/04 (2006.01)
G10L 25/48 (2013.01)
- (87) WO2022/016226
(31) 2020902557 (32) 23.07.20 (33) AU
(43) 27.01.2022
- (72) THAVARAJAH, Balendran
(74) Churchill Attorneys
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- (71) Global Traffic Technologies, LLC
(11) AU-A-2021299528
(21) 2021299528 (22) 29.06.2021
(54) Route selection using correction factors indicating phase interruptible traffic signals
- (51) Int. Cl.
G05D 1/00 (2006.01)
- (87) WO2022/006149
(31) 16/918,522 (32) 01.07.20 (33) US
(43) 06.01.2022
- (72) MACK, Chad; NATESAN, Gayathri
(74) Griffith Hack
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- (71) Google LLC
(11) AU-A-2021312806
(21) 2021312806 (22) 20.07.2021
(54) Impedance matching using kinetic inductors
- (51) Int. Cl.
H03H 7/38 (2006.01)
H10N 60/10 (2023.01)
- H10N 69/00** (2023.01)
G06N 10/00 (2022.01)
H03F 1/56 (2006.01)
H03H 1/00 (2006.01)
H03H 7/01 (2006.01)
- (87) WO2022/020361
(31) 63/054,277 (32) 21.07.20 (33) US
(43) 27.01.2022
- (72) BARDIN, Joseph Cheney
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) Google LLC
(11) AU-A-2021318151
(21) 2021318151 (22) 30.07.2021
(54) Scheduling multiple communication channels via a single control element
- (51) Int. Cl.
H04W 72/04 (2009.01)
- (87) WO2022/026791
(31) 62/706,120 (32) 31.07.20 (33) US
(43) 03.02.2022
- (72) CHOU, Kao-Peng
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) Google LLC
(11) AU-A-2021326409
(21) 2021326409 (22) 20.07.2021
(54) Adaptive selection of a network access mode by a user equipment
- (51) Int. Cl.
H04W 36/00 (2009.01)
H04W 76/15 (2018.01)
- (87) WO2022/035566
(31) 63/063,937 (32) 10.08.20 (33) US
63/066,114 14.08.20 US
(43) 17.02.2022
- (72) KLINGENBRUNN, Thomas; TSANG, Hung; AKRAM, Aamir
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) Goto Concrete Co., Ltd.
(11) AU-A-2021315148
(21) 2021315148 (22) 30.06.2021
(54) Temperature adjustment device and temperature adjustment system
- (51) Int. Cl.
F25D 1/02 (2006.01)
- (87) WO2022/024644
(31) 2020-126246 (32) 27.07.20 (33) JP
(43) 03.02.2022
- (72) MATSUBAYASHI Hideyoshi
(74) Spruson & Ferguson
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- (71) Grammarly Inc.
(11) AU-A-2021315798
(21) 2021315798 (22) 30.07.2021
(54) Computer-implemented presentation of synonyms based on syntactic dependency
- (51) Int. Cl.
G06F 3/0488 (2022.01)
G06F 3/0481 (2022.01)
G06F 40/166 (2020.01)
G06F 40/211 (2020.01)
- G06F 40/247** (2020.01)
G06F 40/30 (2020.01)
- (87) WO2022/026893
(31) 16/945,453 (32) 31.07.20 (33) US
(43) 03.02.2022
- (72) GULIAK, Roman; LEVENTAL, Stanislav; TANSKIY, Yuriy
(74) Ellis Terry
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- (71) GS-MR Glass And Stone (Machinery and Robotics) UK & Ireland Ltd
(11) AU-A-2021324101
(21) 2021324101 (22) 11.08.2021
(54) Sheet handling process and apparatus
- (51) Int. Cl.
B65G 49/06 (2006.01)
- (87) WO2022/034148
(31) 2012506.8 (32) 11.08.20 (33) GB
(43) 17.02.2022
- (72) OWEN, Robert
(74) Houlihan Intellectual Property Pty Ltd
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- (71) Gtinvent Limited
(11) AU-A-2021303517
(21) 2021303517 (22) 09.07.2021
(54) System
- (51) Int. Cl.
G01N 33/50 (2006.01)
G01N 33/68 (2006.01)
- (87) WO2022/008712
(31) 2010620.9 (32) 10.07.20 (33) GB
(43) 13.01.2022
- (72) POLLACK, Saskia Julie; MARSHALL, Karen Elizabeth; SERPELL, Louise Charlotte; WISCHIK, Claude Michel
(74) FB Rice Pty Ltd
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- (71) Gtinvent Limited
(11) AU-A-2021306653
(21) 2021306653 (22) 09.07.2021
(54) Anti-tau antibodies
- (51) Int. Cl.
C07K 16/18 (2006.01)
A61K 39/00 (2006.01)
A61P 25/28 (2006.01)
- (87) WO2022/008719
(31) 2010652.2 (32) 10.07.20 (33) GB
(43) 13.01.2022
- (72) HARRINGTON, Charles Robert; PALLIYIL SOMAN, Soumya; PORTER, Andrew Justin Radcliffe; WISCHIK, Claude Michel; ARASTOO, Mohammad; PENNY, Lewis Kirk; LOFT-HOUSE, Richard
(74) FB Rice Pty Ltd
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- (71) Guo, Q.
(11) AU-A-2022290931
(21) 2022290931 (22) 16.04.2022
(54) Optoelectronic unit use method, and amplification apparatus
- (51) Int. Cl.
H03F 17/00 (2006.01)
- (87) WO2022/257603
(31) 202110915354.9 (32) 10.08.21 (33) CN
202110964472.9 22.08.21 CN
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202111295534.8	03.11.21	CN	(11) AU-A-2020481933	(11) AU-A-2020481927
202210115090.3	03.02.22	CN	(21) 2020481933 (22) 18.12.2020	(21) 2020481927 (22) 16.12.2020
202210147507.4	17.02.22	CN	(54) Fluid flow control system with a wide range of flow	(54) Whipstock with hinged taperface
202210147515.9	17.02.22	CN	(51) Int. Cl.	(51) Int. Cl.
202210178707.6	25.02.22	CN	(51) Int. Cl.	E21B 7/06 (2006.01)
202111328342.2	10.11.21	CN	E21B 21/08 (2006.01)	E21B 17/046 (2006.01)
PCT/	09.04.22	CN	E21B 41/00 (2006.01)	E21B 29/06 (2006.01)
CN2022/085989			E21B 43/12 (2006.01)	E21B 34/10 (2006.01)
(43) 15.12.2022			E21B 43/25 (2006.01)	(87) WO2022/132144
(72) GUO, Qiaoshi			(87) WO2022/132174	(31) 17/124,213 (32) 16.12.20 (33) US
(74) Bella ZHANG			(31) 17/127,126 (32) 18.12.20 (33) US	(43) 23.06.2022
			(43) 23.06.2022	(72) STOKES, Matthew Bradley
			(72) EL MALLAWANY, Ibrahim; MCCHESENEY, Ryan Wesley; GRECI, Stephen Michael	(74) Spruson & Ferguson
			(74) Spruson & Ferguson	
(71) H.J. Heinz Company Brands LLC			(71) Halliburton Energy Services, Inc.	(71) Halliburton Energy Services, Inc.
(11) AU-A-2021314317			(11) AU-A-2020468490	(11) AU-A-2020483647
(21) 2021314317 (22) 23.07.2021			(21) 2020468490 (22) 18.12.2020	(21) 2020483647 (22) 30.12.2020
(54) Condiment dispenser			(54) Non-intrusive tracking of objects and fluids in wellbores	(54) Expanding metal sealed and anchored joints and applications therefor
(51) Int. Cl.			(51) Int. Cl.	(51) Int. Cl.
B67C 3/20 (2006.01)			E21B 47/047 (2012.01)	E21B 33/12 (2006.01)
B67C 3/22 (2006.01)			E21B 43/12 (2006.01)	E21B 23/01 (2006.01)
(87) WO2022/020687			E21B 47/06 (2012.01)	E21B 43/10 (2006.01)
(31) 63/056,138 (32) 24.07.20 (33) US			E21B 47/12 (2012.01)	(87) WO2022/146419
63/068,619 21.08.20 US			(87) WO2022/060392	(31) 17/137,558 (32) 30.12.20 (33) US
63/135,120 08.01.21 US			(31) 63/080,431 (32) 18.09.20 (33) US	(43) 07.07.2022
(43) 27.01.2022			(43) 24.03.2022	(72) ASTHANA, Pranay; JELLY, Christian Alexander; STEELE, David Joe; FRIPP, Michael Linley
(72) LEECH, Gregg; DUXBURY, Robin; BERTENS-VLEMS, Kim; KALYVIOTI, Ivi			(72) SAVENKOVA, Anna; GRAHAM, Peter Jack	(74) PHILLIPS ORMONDE FITZPATRICK
(74) AJ PARK			(74) Spruson & Ferguson	
(71) H2PRO LTD; Technion Research and Development Foundation Ltd.			(71) Halliburton Energy Services, Inc.	(71) Halliburton Energy Services, Inc.
(11) AU-A-2021323066			(11) AU-A-2020473286	(11) AU-A-2020483809
(21) 2021323066 (22) 04.08.2021			(21) 2020473286 (22) 29.10.2020	(21) 2020483809 (22) 30.12.2020
(54) Systems and methods for continuous generation of gases			(54) Spiral backup ring containment for packer assemblies	(54) Interval control valve including an expanding metal sealed and anchored joints
(51) Int. Cl.			(51) Int. Cl.	(51) Int. Cl.
C25B 1/04 (2021.01)			E21B 33/12 (2006.01)	E21B 33/127 (2006.01)
C25B 9/21 (2021.01)			E21B 23/06 (2006.01)	E21B 33/124 (2006.01)
C25B 9/30 (2021.01)			(87) WO2022/086567	E21B 34/10 (2006.01)
C25B 9/60 (2021.01)			(31) 17/079,192 (32) 23.10.20 (33) US	(87) WO2022/146422
C25B 9/75 (2021.01)			(43) 28.04.2022	(31) 17/137,683 (32) 30.12.20 (33) US
C25B 9/77 (2021.01)			(72) GUILLORY, Brett Wayne; BIN ABDUL SHUKOR, Muhammad Arra'uf	(43) 07.07.2022
C25B 15/02 (2021.01)			(74) Spruson & Ferguson	(72) ASTHANA, Pranay; JELLY, Christian Alexander; STEELE, David Joe; FRIPP, Michael Linley
(87) WO2022/029777				(74) PHILLIPS ORMONDE FITZPATRICK
(31) 63/060,818 (32) 04.08.20 (33) US				
63/105,599 26.10.20 US				
(43) 10.02.2022				
(72) GRADER, Gideon; ROTHSCCHILD, Avner; DOTAN, Hen; LANDMAN, Avigail; KAY, Asaf; MOSHKOVICH, Mordechai				
(74) Collison & Co				
(71) HAI Robotics Co., Ltd.			(71) Halliburton Energy Services, Inc.	(71) Halliburton Energy Services, Inc.
(11) AU-A-2021312093			(11) AU-A-2020481642	(11) AU-A-2020484443
(21) 2021312093 (22) 20.07.2021			(21) 2020481642 (22) 18.12.2020	(21) 2020484443 (22) 30.12.2020
(54) Robot, cargo handling method, server and warehousing system			(54) Production valve having washpipe free activation	(54) Multilateral junction having expanding metal sealed and anchored joints
(51) Int. Cl.			(51) Int. Cl.	(51) Int. Cl.
B65G 1/04 (2006.01)			E21B 34/10 (2006.01)	E21B 33/12 (2006.01)
(87) WO2022/017396			E21B 23/00 (2006.01)	E21B 17/08 (2006.01)
(31) 202010725040.8 (32) 24.07.20 (33) CN			E21B 33/12 (2006.01)	E21B 41/00 (2006.01)
(43) 27.01.2022			E21B 43/12 (2006.01)	(87) WO2022/146425
(72) AI, Xin; CHEN, Yeguangu; ZHUO, Shaokai			(87) WO2022/132172	(31) 17/137,882 (32) 30.12.20 (33) US
(74) Davies Collison Cave Pty Ltd			(31) 17/127,168 (32) 18.12.20 (33) US	(43) 07.07.2022
			(43) 23.06.2022	(72) ASTHANA, Pranay; JELLY, Christian Alexander; STEELE, David Joe; FRIPP, Michael Linley
			(72) HOLDERMAN, Luke; EL MALLAWANY, Ibrahim; GRECI, Stephen Michael	(74) PHILLIPS ORMONDE FITZPATRICK
			(74) Spruson & Ferguson	

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

- (71) Halliburton Energy Services, Inc.
 (11) AU-A-2021364033
 (21) 2021364033 (22) 10.06.2021
 (54) Differential fill valve with collet sleeve
 (51) Int. Cl.
E21B 34/14 (2006.01)
E21B 23/04 (2006.01)
E21B 34/10 (2006.01)
- (87) WO2022/086599
 (31) 16/994,256 (32) 23.10.20 (33) US
 (43) 28.04.2022
 (72) PARAMESHWARAI, Rajesh; YUAN, Min Mark; NIEBLA, Saul Emmanuel Vazquez; HELMS, Lonnie Carl; AHUJA, Mayur Narain; SAETRE, Tor Sigve; ARDOIN, Kevin
 (74) Spruson & Ferguson
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- (71) HALLIBURTON ENERGY SERVICES, INC.
 (11) AU-A-2021352430
 (21) 2021352430 (22) 01.10.2021
 (54) Open-hole pressure tight multilateral junction
 (51) Int. Cl.
E21B 41/00 (2006.01)
E21B 43/08 (2006.01)
E21B 43/14 (2006.01)
- (87) WO2022/072860
 (31) 63/086,912 (32) 02.10.20 (33) US
 17/492,295 01.10.21 US
 (43) 07.04.2022
 (72) DAHL, Espen; FALNES, Morten; LAF-FERTY, Gavin
 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) Haulotte Group
 (11) AU-A-2021315066
 (21) 2021315066 (22) 28.07.2021
 (54) Method for extending or retracting the wheels of an aerial work platform mounted on pivoting arms
 (51) Int. Cl.
B66F 9/075 (2006.01)
B60B 35/10 (2006.01)
B60B 35/12 (2006.01)
B62D 21/06 (2006.01)
B62D 21/14 (2006.01)
B66F 9/24 (2006.01)
B66F 11/04 (2006.01)
B60B 35/14 (2006.01)
- (87) WO2022/023990
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 (74) Origin Patent and Trade Mark Attorneys
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 (11) AU-A-2021317082
 (21) 2021317082 (22) 27.07.2021
 (54) Movable device lockable in a dedicated location of a machine
 (51) Int. Cl.
B66F 9/075 (2006.01)
B66F 11/04 (2006.01)
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 (21) 2021323968 (22) 28.07.2021
 (54) Two step carbonation hardening of hydraulic cement based concrete
 (51) Int. Cl.
C04B 28/04 (2006.01)
C04B 28/10 (2006.01)
- (87) WO2022/033877
 (31) 20191143.5 (32) 14.08.20 (33) EP
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 (74) Griffith Hack
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- (71) Hexex Pty Ltd
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 (21) 2021322827 (22) 23.07.2021
 (54) An access control system for an excavator
 (51) Int. Cl.
E06C 5/06 (2006.01)
B60R 3/02 (2006.01)
E02F 9/08 (2006.01)
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 (31) 2020902738 (32) 05.08.20 (33) AU
 (43) 10.02.2022
 (72) MILLER, Duncan
 (74) Patentec Patent Attorneys
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- (71) HighChem Co., Ltd; Mohan Co. Ltd
 (11) AU-A-2021319346
 (21) 2021319346 (22) 27.07.2021
 (54) Core-shell composite catalyst, preparation method for same, and use thereof
 (51) Int. Cl.
B01J 23/06 (2006.01)
B01J 23/08 (2006.01)
B01J 29/40 (2006.01)
C07C 1/20 (2006.01)
C07C 15/08 (2006.01)
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 (31) 202010752882.2 (32) 30.07.20 (33) CN
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 (74) Madderns Pty Ltd
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 (21) 2021321321 (22) 29.07.2021
 (54) System and method for determining caloric requirements of an animal
 (51) Int. Cl.
A01K 29/00 (2006.01)
A01K 11/00 (2006.01)
A01K 27/00 (2006.01)
G16H 20/60 (2018.01)
- (87) WO2022/031513
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- (71) Hill's Pet Nutrition, Inc.
 (11) AU-A-2021322600
 (21) 2021322600 (22) 23.07.2021
 (54) System and method for determining caloric requirements of an animal based on a plurality of durational parameters
 (51) Int. Cl.
G16H 20/30 (2018.01)
G16H 20/60 (2018.01)
G16H 50/20 (2018.01)
G16H 50/30 (2018.01)
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G06Q 10/04 (2012.01)
A01G 7/00 (2006.01)
G06Q 10/00 (2012.01)
G06Q 50/06 (2012.01)
G06T 1/00 (2006.01)
G06T 7/00 (2017.01)
G16Y 10/35 (2020.01)
G16Y 40/20 (2020.01)
G16Y 40/40 (2020.01)
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 (74) FB Rice Pty Ltd
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 (21) 2021339933 (22) 09.09.2021
 (54) Water-cooled grate block for an incinerator
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F23H 3/02 (2006.01)
F23H 7/14 (2006.01)
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 (31) 20195293.4 (32) 09.09.20 (33) EP
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F23H 17/00 (2006.01)
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 WALD, Werner
 (74) Spruson & Ferguson
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 (11) AU-A-2021332212
 (21) 2021332212 (22) 24.08.2021
 (54) Process for making low density spray
 polyurethane foam for insulation, sound
 abatement, and air sealing of building
 enclosures
 (51) Int. Cl.
C08G 18/18 (2006.01)
C08G 18/48 (2006.01)
C08G 18/76 (2006.01)
C08L 75/08 (2006.01)
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 (11) AU-A-2021309661
 (21) 2021309661 (22) 13.07.2021
 (54) Medical devices having anti-microbial
 properties and methods for making the
 same
 (51) Int. Cl.
A61L 29/04 (2006.01)
A61L 29/08 (2006.01)
A61L 29/14 (2006.01)
A61L 29/16 (2006.01)
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 id, J.
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 (21) 2021310224 (22) 13.07.2021
 (54) Hydrophilic medical products and hy-
 dration mediums for hydrating the same
 (51) Int. Cl.
A61L 29/14 (2006.01)
A61K 9/00 (2006.01)
A61K 31/145 (2006.01)
A61L 29/16 (2006.01)
A61M 25/00 (2006.01)
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 (11) AU-A-2021312228
 (21) 2021312228 (22) 20.07.2021
 (54) Medical device assemblies including a
 valved drainage member
 (51) Int. Cl.
A61F 5/44 (2006.01)
A61M 39/22 (2006.01)
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 (54) Enterprise spend optimization and map-
 ping model architecture
 (51) Int. Cl.
G06Q 10/06 (2012.01)
G06Q 30/02 (2012.01)
G06N 3/04 (2006.01)
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 MAR, Manoj
 (74) Patent Attorney Services
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 (11) AU-A-2021377725
 (21) 2021377725 (22) 10.11.2021
 (54) A modular electricity generation system
 (51) Int. Cl.
F03B 17/06 (2006.01)
F03B 13/26 (2006.01)
 (87) WO2022/099358
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 Co., Ltd.
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 transmission system, and photovoltaic
 equipment
 (51) Int. Cl.
H02H 7/12 (2006.01)
H02H 9/02 (2006.01)
H02H 9/08 (2006.01)
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 (43) 03.02.2022
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 (21) 2021312759 (22) 28.06.2021
 (54) Beam information indication method
 and apparatus
 (51) Int. Cl.
H04W 72/04 (2009.01)
H04B 7/06 (2006.01)
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 (31) 202010724641.7 (32) 24.07.20 (33) CN
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 ang; LUO, Hejia; LI, Rong; WANG, Jun
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- (71) Huawei Technologies Co., Ltd.
 (11) AU-A-2021311430
 (21) 2021311430 (22) 16.07.2021
 (54) Routing configuration method and
 device
 (51) Int. Cl.
H04W 40/02 (2009.01)
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- (71) Humanitas Mirasole S.p.A.; Humanitas
 University; Istituto Europeo di Oncolo-
 gia S.r.l.
 (11) AU-A-2021306636
 (21) 2021306636 (22) 08.07.2021
 (54) Tumor-associated peptides and uses
 thereof
 (51) Int. Cl.
C07K 14/47 (2006.01)
A61K 39/00 (2006.01)
 (87) WO2022/008634
 (31) 10202000016807 (32) 10.07.20 (33) IT
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 Alessia; PENNA, Giuseppe
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 (11) AU-A-2021306531
 (21) 2021306531 (22) 08.07.2021
 (54) Modified glutamate dehydrogenase and
 use thereof
 (51) Int. Cl.
C12N 9/06 (2006.01)
C12N 5/10 (2006.01)
C12N 15/53 (2006.01)
C12N 15/63 (2006.01)
C12P 13/04 (2006.01)
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 (72) XIE, Xinkai; XU, Wei; FAN, Junying
 (74) FB Rice Pty Ltd
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 (51) Int. Cl.

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- (71)** Huvet Bio, Inc.
(11) AU-A-2021321086
(21) 2021321086 **(22)** 05.08.2021
(54) Pancreatic cancer diagnostic composition to be used in buffy coat sample
(51) Int. Cl.
C12Q 1/6886 (2018.01)
(87) WO2022/031072
(31) 10-2020-0098845 **(32)** 06.08.20 **(33)** KR
(43) 10.02.2022
(72) JEONG, Hyoung Hwa; KIM, Sobin
(74) Michael Buck IP
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(11) AU-A-2021314820
(21) 2021314820 **(22)** 27.07.2021
(54) Panel and covering
(51) Int. Cl.
E04F 15/02 (2006.01)
E04F 15/10 (2006.01)
(87) WO2022/023319
(31) 2026190 **(32)** 31.07.20 **(33)** NL
 2026188 31.07.20 NL
 2026559 28.09.20 NL
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(43) 03.02.2022
(72) BOUCKÉ, Eddy Alberic
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
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- (71)** I4F Licensing NV
(11) AU-A-2021318730
(21) 2021318730 **(22)** 22.07.2021
(54) Panel suitable as a floor, ceiling or wall covering, and covering for a floor, ceiling or wall, which is constituted by a multitude of such panels
(51) Int. Cl.
E04F 15/02 (2006.01)
E04F 15/10 (2006.01)
(87) WO2022/023181
(31) 2026189 **(32)** 31.07.20 **(33)** NL
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- (71)** I4F Licensing NV
(11) AU-A-2021318744
(21) 2021318744 **(22)** 23.07.2021
(54) Panel, covering, and method of uncoupling two interconnected panels
(51) Int. Cl.
E04F 15/02 (2006.01)
E04F 15/10 (2006.01)
(87) WO2022/023224
(31) 2026188 **(32)** 31.07.20 **(33)** NL
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(72) BOUCKÉ, Eddy Alberic
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(11) AU-A-2021318813
(21) 2021318813 **(22)** 27.07.2021
(54) Panel and covering
(51) Int. Cl.
E04F 15/02 (2006.01)
E04F 15/10 (2006.01)
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(31) 2026191 **(32)** 31.07.20 **(33)** NL
 2026188 31.07.20 NL
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- (71)** Iconex LLC
(11) AU-A-2021320160
(21) 2021320160 **(22)** 04.08.2021
(54) Tamper-evident media
(51) Int. Cl.
B32B 7/06 (2019.01)
B32B 7/12 (2006.01)
B41M 3/14 (2006.01)
B65C 9/08 (2006.01)
B65C 9/18 (2006.01)
B65D 27/30 (2006.01)
B65D 33/34 (2006.01)
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(31) 16/987,880 **(32)** 07.08.20 **(33)** US
(43) 10.02.2022
(72) SHINKLE, Robert L.; GREASON, Karolyn
(74) Spruson & Ferguson
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- (71)** Iconic Therapeutics, Inc.
(11) AU-A-2021304359
(21) 2021304359 **(22)** 10.07.2021
(54) Inflammatory disease treatment using anti-tissue factor antibodies
(51) Int. Cl.
A61K 39/00 (2006.01)
A61K 9/16 (2006.01)
A61K 35/00 (2006.01)
C12N 7/00 (2006.01)
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(43) 13.01.2022
(72) MIGONE, Thi-Sau; GREENE, William
(74) FB Rice Pty Ltd
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- (71)** ICU Medical, Inc.
(11) AU-A-2021301211
(21) 2021301211 **(22)** 28.06.2021
(54) Location-based reconfiguration of infusion pump settings
(51) Int. Cl.
A61K 9/22 (2006.01)
G06F 17/00 (2019.01)
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(74) Davies Collison Cave Pty Ltd
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- (71)** IDEXX Laboratories Inc.
(11) AU-A-2021306343
(21) 2021306343 **(22)** 09.07.2021
(54) Point-of-care medical diagnostic analyzer and devices, systems, and methods for medical diagnostic analysis of samples
(51) Int. Cl.
G01N 15/14 (2006.01)
G01N 15/00 (2006.01)
G01N 33/49 (2006.01)
G01N 35/00 (2006.01)
G01N 35/10 (2006.01)
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(74) Davies Collison Cave Pty Ltd
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- (71)** IGM Biosciences, Inc.
(11) AU-A-2021315513
(21) 2021315513 **(22)** 27.07.2021
(54) Multimeric coronavirus binding molecules and uses thereof
(51) Int. Cl.
C07K 16/10 (2006.01)
A61K 39/42 (2006.01)
A61P 31/14 (2006.01)
(87) WO2022/026475
(31) 63/057,244 **(32)** 27.07.20 **(33)** US
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(74) AJ PARK
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- (71)** Iliad Biotechnologies, LLC
(11) AU-A-2021325149
(21) 2021325149 **(22)** 15.08.2021
(54) Lyophilized live bordetella vaccines
(51) Int. Cl.
A61K 39/10 (2006.01)
A61K 47/26 (2006.01)
A61P 11/00 (2006.01)
A61P 31/00 (2006.01)
C12N 1/20 (2006.01)
C12R 1/01 (2006.01)
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(54) Methods of enriching a target sequence from a sequencing library using hairpin adaptors
(51) Int. Cl.
C12Q 1/6806 (2018.01)
(87) WO2022/053610
(31) 63/077,271 (32) 11.09.20 (33) US
(43) 17.03.2022
(72) SLATTER, Andrew
(74) WRAYS PTY LTD
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- (71) i-mop GmbH
(11) AU-A-2021312329
(21) 2021312329 (22) 22.07.2021
(54) Floor-cleaning appliance, in particular a floor scrubber, having improved manoeuvring properties
(51) Int. Cl.
A47L 11/30 (2006.01)
A47L 11/40 (2006.01)
(87) WO2022/018216
(31) 10 2020 004 413.1 (32) 22.07.20 (33) DE
(43) 27.01.2022
(72) FRANKE, Rudolf
(74) WRAYS PTY LTD
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(11) AU-A-2021325017
(21) 2021325017 (22) 10.08.2021
(54) Catheter with enhanced tensile strength
(51) Int. Cl.
A61B 17/00 (2006.01)
A61B 17/22 (2006.01)
A61B 17/221 (2006.01)
A61B 17/32 (2006.01)
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(74) Griffith Hack
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- (71) Inari Medical, Inc.
(11) AU-A-2021320890
(21) 2021320890 (22) 06.08.2021
(54) Automatically-locking vacuum syringes, and associated systems and methods
(51) Int. Cl.
A61M 5/32 (2006.01)
A61M 5/315 (2006.01)
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(11) AU-A-2021335074
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(54) Electrode with enhanced shutdown tolerance
(51) Int. Cl.
C25B 1/04 (2021.01)
B01J 23/755 (2006.01)
C23C 4/00 (2016.01)
C25B 11/031 (2021.01)
C25B 11/053 (2021.01)
C25B 11/056 (2021.01)
C25B 11/061 (2021.01)
C25B 11/091 (2021.01)
C25B 11/093 (2021.01)
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(31) 10202000020587 (32) 28.08.20 (33) IT
(43) 03.03.2022
(72) PINO, Francesco; TAKAAKI, Nakai; KATO, Akihiro
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71) Inivata Ltd.
(11) AU-A-2021322806
(21) 2021322806 (22) 05.08.2021
(54) Highly sensitive method for detecting cancer DNA in a sample
(51) Int. Cl.
C12Q 1/6806 (2018.01)
C12Q 1/6827 (2018.01)
C12Q 1/6869 (2018.01)
(87) WO2022/029688
(31) 63/061,568 (32) 05.08.20 (33) US
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(72) PERRY, Malcolm; MARSICO, Giovanni; OSBORNE, Robert; ROSENFELD, Nitzan; FORSHEW, Tim
(74) Davies Collison Cave Pty Ltd
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(11) AU-A-2021332035
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(54) Pharmaceutical compositions for the nasal administration of a cobalamin compound
(51) Int. Cl.
A61K 9/00 (2006.01)
A61K 31/00 (2006.01)
A61K 47/10 (2017.01)
A61K 47/12 (2006.01)
A61K 47/26 (2006.01)
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(72) MERKUS, Franciscus
(74) Collison & Co
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- (71) Innova Patent GmbH
(11) AU-A-2021304804
(21) 2021304804 (22) 05.07.2021
(54) Door controller for a cable car vehicle
(51) Int. Cl.
B61B 1/02 (2006.01)
- B61B 7/00** (2006.01)
B61B 12/00 (2006.01)
B61K 13/04 (2006.01)
E01B 25/16 (2006.01)
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(21) 2021311673 (22) 22.07.2021
(54) PD-L1/LAG-3 bispecific antibody preparation, and preparation method therefor and use thereof
(51) Int. Cl.
A61K 39/395 (2006.01)
A61K 9/08 (2006.01)
A61K 9/19 (2006.01)
A61P 35/00 (2006.01)
A61P 37/02 (2006.01)
C07K 16/28 (2006.01)
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(21) 2021334377 (22) 30.08.2021
(54) Methods for treating newly diagnosed mycobacterium avium complex lung infections
(51) Int. Cl.
A61K 31/133 (2006.01)
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(21) 2021316727 (22) 30.07.2021
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A61K 35/17 (2015.01)
C12N 5/0783 (2010.01)
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A61K 31/7084 (2006.01)
A61P 31/12 (2006.01)
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 (21) 2021321371 (22) 06.08.2021
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A01C 1/02 (2006.01)
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 (11) AU-A-2021313154
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 (54) Expandable fusion device with independent expansion systems
 (51) Int. Cl.
A61F 2/44 (2006.01)
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 (51) Int. Cl.
A23G 1/30 (2006.01)
A23G 1/36 (2006.01)
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A23G 1/48 (2006.01)
A23G 1/54 (2006.01)
A23G 3/34 (2006.01)
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G06N 10/00 (2022.01)
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 (54) Josephson wide band multiplexer-demultiplexer circuit
 (51) Int. Cl.
H03H 7/01 (2006.01)
G06N 10/40 (2022.01)
H03H 7/46 (2006.01)
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 (51) Int. Cl.
C06B 33/00 (2006.01)
C06B 45/00 (2006.01)
C09K 8/42 (2006.01)
E21B 29/02 (2006.01)
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E06B 3/46 (2006.01)
E05F 15/73 (2015.01)
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 (51) Int. Cl.
C07K 16/00 (2006.01)
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 (54) Solid form of compound
 (51) Int. Cl.
C07D 401/14 (2006.01)
A61K 31/444 (2006.01)
A61K 31/506 (2006.01)
A61P 35/00 (2006.01)
C07D 403/14 (2006.01)
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 (21) 2021324681 (22) 10.08.2021
 (54) Ultrasonic implant and system for measurement of intraocular pressure
 (51) Int. Cl.
A61B 3/16 (2006.01)
A61B 3/10 (2006.01)
A61B 5/00 (2006.01)
A61B 8/10 (2006.01)
 (87) WO2022/035889
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(51) Int. Cl.
A61L 27/36 (2006.01)
A61F 2/02 (2006.01)
A61L 27/50 (2006.01)
A61L 27/54 (2006.01)
A61L 27/56 (2006.01)
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(72) KANG, Kyung-Sun; KIM, Da-Hyun
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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(54) Implantable mandibular joint prosthesis and corresponding production method
(51) Int. Cl.
A61F 2/30 (2006.01)
B29C 43/00 (2006.01)
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(31) 10 2020 211 582.6 **(32)** 16.09.20 **(33)** DE
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(54) Aluminium material and process for producing an aluminium material
(51) Int. Cl.
B22F 3/20 (2006.01)
B22F 1/00 (2022.01)
B22F 10/20 (2021.01)
C22C 1/04 (2006.01)
C22C 1/05 (2006.01)
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(43) 13.01.2022
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(54) Interactive headphone system for storing and playing audio contents
(51) Int. Cl.
H04R 1/10 (2006.01)
A63H 5/00 (2006.01)
G06F 21/10 (2013.01)
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- (71)** Kenyon International, Inc.
(11) AU-A-2021320738
(21) 2021320738 **(22)** 03.08.2021
(54) Multi-layer cooking lid
(51) Int. Cl.
A47J 37/06 (2006.01)
A47J 17/02 (2006.01)
A47J 27/00 (2006.01)
A47J 27/09 (2006.01)
A47J 36/06 (2006.01)
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(31) 63/060,306 **(32)** 03.08.20 **(33)** US
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(74) Spruson & Ferguson
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(21) 2021334388 **(22)** 31.08.2021
(54) Protein secretion inhibitors
(51) Int. Cl.
C07D 417/14 (2006.01)
A61K 31/4439 (2006.01)
A61P 29/00 (2006.01)
A61P 35/00 (2006.01)
C07D 471/04 (2006.01)
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(72) MCMINN, Dustin; RAO, Meera
(74) Spruson & Ferguson
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(11) AU-A-2021306961
(21) 2021306961 **(22)** 31.03.2021
(54) Absorbent product with improved capillary pressure and saturation capacity
(51) Int. Cl.
A61K 8/02 (2006.01)
B32B 5/26 (2006.01)
D04H 1/4374 (2012.01)
D04H 1/559 (2012.01)
D21F 1/02 (2006.01)
D21F 1/04 (2006.01)
D21H 27/38 (2006.01)
A47K 10/02 (2006.01)
D21F 11/00 (2006.01)
(87) WO2022/010551
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(21) 2020460124 **(22)** 24.07.2020
(54) Engine for an aircraft, method for operating an engine for an aircraft, and aircraft having at least one engine
(51) Int. Cl.
B60V 1/02 (2006.01)
B60V 1/10 (2006.01)
B64C 39/02 (2006.01)
B64C 39/06 (2006.01)
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(54) Cellular energy inhibitor formulations for the treatment of pathogenic infections and associated methods
(51) Int. Cl.
A61P 31/04 (2006.01)
A61P 31/12 (2006.01)
C07C 59/185 (2006.01)
C07C 59/19 (2006.01)
(87) WO2022/006184
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(72) KO, Young Hee
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(54) Display control device and display control method
(51) Int. Cl.
E02F 9/26 (2006.01)
G01B 11/00 (2006.01)
G06T 19/00 (2011.01)
H04N 7/18 (2006.01)
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(72) IBUSUKI Yasuhiro; MINAGAWA Masanori
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(21) 2021354304 **(22)** 30.08.2021
(54) Display control device and display method
(51) Int. Cl.
E02F 9/26 (2006.01)
G01B 11/00 (2006.01)
G06T 19/00 (2011.01)
H04N 7/18 (2006.01)
(87) WO2022/070720
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 (54) Techniques for identity data characterization for data protection
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G06F 18/00 (2023.01)
G06V 10/426 (2022.01)
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 (54) Process for manufacturing a chocolate product and a chocolate product produced using the process
 (51) Int. Cl.
A23G 1/04 (2006.01)
A23G 1/12 (2006.01)
A23G 1/46 (2006.01)
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 (11) AU-A-2021300450
 (21) 2021300450 (22) 02.07.2021
 (54) Modified insulin and glucokinase nucleic acids for treating diabetes
 (51) Int. Cl.
C12N 15/11 (2006.01)
 (87) WO2022/006551
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 (21) 2021316053 (22) 29.07.2021
 (54) Methods of treating mutant lymphomas
 (51) Int. Cl.
A61K 31/4545 (2006.01)
A61K 47/55 (2017.01)
C07D 277/60 (2006.01)
C07D 417/14 (2006.01)
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 (51) Int. Cl.
G01N 35/00 (2006.01)
B01L 3/00 (2006.01)
G01N 33/543 (2006.01)
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 (54) Combination of a Bcl-2 inhibitor and a hypomethylating agent for treating cancers, uses and pharmaceutical compositions thereof
 (51) Int. Cl.
A61K 31/5377 (2006.01)
A61K 31/706 (2006.01)
A61K 31/708 (2006.01)
A61P 35/00 (2006.01)
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 (74) ALLENS PATENT & TRADE MARK ATTORNEYS
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 (54) Fan motor and hair dryer comprising same
 (51) Int. Cl.
H02K 9/06 (2006.01)
A45D 20/12 (2006.01)
H02K 1/16 (2006.01)
H02K 1/20 (2006.01)
H02K 5/20 (2006.01)
H02K 7/00 (2006.01)
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 (31) 10-2020-0094005 (32) 28.07.20 (33) KR
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 (74) Dentons Patent Attorneys Australasia Limited
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 (54) Broadcast reception apparatus and operation method thereof
 (51) Int. Cl.
H04N 21/438 (2011.01)
H04N 21/436 (2011.01)
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 (54) Production of oxygenated diterpenoid compounds
 (51) Int. Cl.
C12P 5/00 (2006.01)
C07D 209/56 (2006.01)
C07K 14/415 (2006.01)
C12N 9/02 (2006.01)
C12N 9/10 (2006.01)
C12N 9/88 (2006.01)
C12N 9/90 (2006.01)
C12N 15/52 (2006.01)
C12N 15/82 (2006.01)
C12P 7/18 (2006.01)
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 (54) Syringe with high pull-out resistance
 (51) Int. Cl.
A61M 5/315 (2006.01)
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 (31) FR2008157 (32) 31.07.20 (33) FR
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 (72) LE BAIL, Noémie; GOULINET, Philippe
 (74) FPA Patent Attorneys Pty Ltd
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 (11) AU-A-2021328547
 (21) 2021328547 (22) 16.08.2021
 (54) Synergistic herbal compositions for immune boosting and respiratory health
 (51) Int. Cl.
A61K 36/18 (2006.01)
A61K 36/37 (2006.01)
A61P 37/02 (2006.01)
 (87) WO2022/038633
 (31) 202041035227 (32) 15.08.20 (33) IN
 (43) 24.02.2022
 (72) GOKARAJU, Ganga Raju; GOKARAJU, Rama Raju; BHUPATHIRAJU, Kiran; GOKARAJU, Venkata Kanaka Ranga Raju; GOLAKOTI, Trimurtulu; SOMEPELLI, Venkateswarlu; ALLURI, Venkata Krishna Raju; SENGUPTHA, Krishanu
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 (21) 2021303000 (22) 27.05.2021
 (54) Cooking apparatus control method
 (51) Int. Cl.
 A47J 27/17 (2006.01)
 A47J 27/04 (2006.01)
 A47J 37/06 (2006.01)
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 (51) Int. Cl.
 A01G 25/09 (2006.01)
 G01S 19/01 (2010.01)
 G05B 23/02 (2006.01)
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 (51) Int. Cl.
 A61K 36/185 (2006.01)
 A23L 33/105 (2016.01)
 A61K 8/9789 (2017.01)
 A61K 9/00 (2006.01)
 A61K 31/05 (2006.01)
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 A61P 17/00 (2006.01)
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 (51) Int. Cl.
 F01N 13/14 (2010.01)
 B32B 5/22 (2006.01)
 B60R 13/08 (2006.01)
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 B60K 6/20 (2007.10)
 B60K 6/00 (2007.10)
 B60K 6/54 (2007.10)
 B64C 39/02 (2006.01)
 F02B 19/08 (2006.01)
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 H05K 7/20 (2006.01)
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 (51) Int. Cl.
 A61F 2/16 (2006.01)
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 (54) Emulsifier composition for personal care formulation
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 A61K 8/06 (2006.01)
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 A61Q 19/00 (2006.01)
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 E04D 3/362 (2006.01)
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 B33Y 10/00 (2015.01)
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 (51) Int. Cl.
C12M 3/04 (2006.01)
B81B 1/00 (2006.01)
G01N 35/00 (2006.01)
 (87) WO2021/262022
 (31) 63/044,223 (32) 25.06.20 (33) US
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 (72) MALAEB, Waddah Arkan
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 (21) 2021305592 (22) 07.07.2021
 (54) System for polychaete production comprising a retrievable tray, and method for polychaete production
 (51) Int. Cl.
A01K 61/40 (2017.01)
A01K 61/90 (2017.01)
A01K 67/033 (2006.01)
A23K 50/80 (2016.01)
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 (74) Ellis Terry

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 (21) 2021309356 (22) 09.07.2021
 (54) Antiviral pharmaceutical composition comprising at least one sulphate polysaccharide
 (51) Int. Cl.
A61K 31/731 (2006.01)
A61P 31/14 (2006.01)
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 (21) 2021310686 (22) 01.06.2021
 (54) Slab track adjustment plate and method of installation
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A61B 17/34 (2006.01)
B26D 3/16 (2006.01)
 (87) WO2022/003005
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 (21) 2021318974 (22) 28.07.2021
 (54) Sensor identification and integrity check design
 (51) Int. Cl.
A61B 5/1486 (2006.01)
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 (21) 2021317611 (22) 12.03.2021
 (54) Solid food and solid milk
 (51) Int. Cl.
A23L 5/00 (2016.01)
A23C 9/18 (2006.01)
 (87) WO2022/024441
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 (54) Solid milk
 (51) Int. Cl.
A23C 9/16 (2006.01)

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 (21) 2021317615 (22) 12.03.2021
 (54) Solid food and solid milk
 (51) Int. Cl.
A23C 9/18 (2006.01)
A23L 5/00 (2016.01)
 (87) WO2022/024447
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 (72) KATO, Aya; KAMIYA, Tetsu; YAMAMURA, Koji
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 (11) AU-A-2021319950
 (21) 2021319950 (22) 06.08.2021
 (54) Systems and methods for managing processing of precious metal
 (51) Int. Cl.
G01N 33/2028 (2019.01)
G01N 33/20 (2019.01)
 (87) WO2022/027106
 (31) 2020902793 (32) 07.08.20 (33) AU
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 (72) COTTON, Michael
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 (11) AU-A-2021321458
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 (54) Methods and systems for precious metal reserve management for precious metal backed digital assets
 (51) Int. Cl.
G06Q 40/06 (2012.01)
G06Q 40/04 (2012.01)
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 (54) Methods and systems for conducting transactions of precious metal backed digital assets
 (51) Int. Cl.
G06Q 20/06 (2012.01)
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H04L 9/32 (2006.01)
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 (51) Int. Cl.
 A61K 39/395 (2006.01)
 A61K 35/17 (2015.01)
 C07K 16/30 (2006.01)
 C07K 16/46 (2006.01)
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 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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 (21) 2021327171 (22) 19.08.2021
 (54) Process system for bioreactor-based clean meat production
 (51) Int. Cl.
 C12M 1/00 (2006.01)
 A23L 13/00 (2016.01)
 C12M 3/00 (2006.01)
 C12N 5/0735 (2010.01)
 C12N 5/077 (2010.01)
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 (43) 24.02.2022
 (72) WEISSENBACH, Jean-Louis; SYLVIA, Ryan; VON DER BRELIE, Almut; BRANDL, Melanie; FESENFELD, Michaela
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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 (11) AU-A-2021328232
 (21) 2021328232 (22) 19.08.2021
 (54) Consumable tissue-like structure generated with muscle cells grown on edible hollow fibers
 (51) Int. Cl.
 A23L 13/00 (2016.01)
 C12N 5/00 (2006.01)
 C12N 5/077 (2010.01)
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 (51) Int. Cl.
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 C07K 16/30 (2006.01)
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 A61K 31/4738 (2006.01)
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 C07D 253/10 (2006.01)
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 (54) Global bio-surveillance and response system
 (51) Int. Cl.
 G16H 10/40 (2018.01)
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 (21) 2021301369 (22) 30.06.2021
 (54) System and method for monitoring movement of a crusher head
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 B02C 2/04 (2006.01)
 B02C 25/00 (2006.01)
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 A01G 25/06 (2006.01)
 A01M 21/00 (2006.01)
 A01N 25/28 (2006.01)
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 A61K 35/748 (2015.01)
 A61K 36/05 (2006.01)
 A61L 27/00 (2006.01)
 A61P 17/02 (2006.01)
 A61P 43/00 (2006.01)
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 (72) BAVINGTON, Charles Daniel; DAHLE, Benjamin; DAHLE, Lars Andreas; DAHLE, Svein; MOSS, Claire
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 (54) Method of preparing lipid vesicles
 (51) Int. Cl.
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 A61K 9/51 (2006.01)
 A61K 31/485 (2006.01)
 A61K 31/704 (2006.01)
 A61K 31/7048 (2006.01)
 A61K 39/12 (2006.01)
 A61P 25/04 (2006.01)
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 (72) KERR, Alex; TROTTER, Sam; HAYWARD, David
 (74) PIPERS
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A23L 11/00 (2021.01)
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 (72) HIBI, Naruhiro
 (74) Spruson & Ferguson
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- (71) Mochida Pharmaceutical Co., Ltd.; The University of Tokyo
 (11) AU-A-2021318211
 (21) 2021318211 (22) 30.07.2021
 (54) Composition for preventing adhesion
 (51) Int. Cl.
A61L 31/04 (2006.01)
A61L 15/18 (2006.01)
A61L 15/28 (2006.01)
A61L 15/42 (2006.01)
A61L 15/60 (2006.01)
A61L 31/12 (2006.01)
A61L 31/14 (2006.01)
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 (72) ITO, Taichi; OHTA, Seiichi;
 HASEGAWA, Kiyoshi; ISAJI, Mitsuko;
 TANAKA, Daichi
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 (11) AU-A-2021329106
 (21) 2021329106 (22) 20.08.2021
 (54) Sialylated glycoproteins
 (51) Int. Cl.
A61K 39/395 (2006.01)
A61K 9/08 (2006.01)
A61K 47/12 (2006.01)
A61K 47/26 (2006.01)
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- (71) Momentive Performance Materials Inc.
 (11) AU-A-2021315521
 (21) 2021315521 (22) 28.07.2021
 (54) Soil wetting composition
 (51) Int. Cl.
C09K 17/38 (2006.01)
C05C 9/02 (2006.01)
C08G 65/336 (2006.01)
C08G 77/46 (2006.01)
 (87) WO2022/026515
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 (51) Int. Cl.
C25B 1/27 (2021.01)
C01C 1/04 (2006.01)
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 (11) AU-A-2021329912
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 (54) Microcapsule with acetamides and diflufenican
 (51) Int. Cl.
A01N 25/04 (2006.01)
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A01N 37/26 (2006.01)
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 (51) Int. Cl.
A61M 5/178 (2006.01)
A61L 29/00 (2006.01)
A61M 25/01 (2006.01)
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 (21) 2021308077 (22) 16.07.2021
 (54) Particulates of polyphenolics and dispersions thereof
 (51) Int. Cl.
A61K 8/02 (2006.01)
A61K 8/34 (2006.01)
A61K 8/37 (2006.01)
A61K 8/39 (2006.01)
A61K 8/60 (2006.01)
A61Q 17/04 (2006.01)
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 (54) Method for screening for polypeptide that acts on target protein
 (51) Int. Cl.
C12Q 1/02 (2006.01)
C12P 21/00 (2006.01)
C40B 40/08 (2006.01)
C40B 40/10 (2006.01)
G01N 33/15 (2006.01)
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A61M 5/34 (2006.01)
A61M 5/20 (2006.01)
A61M 5/32 (2006.01)
A61M 25/06 (2006.01)
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 (54) Direct single phase immersion coolant liquid
 (51) Int. Cl.
C09K 5/06 (2006.01)
C09K 5/10 (2006.01)
C09K 5/12 (2006.01)
H01L 23/44 (2006.01)
H01L 23/473 (2006.01)
H05K 7/20 (2006.01)
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- (51) Int. Cl.
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A61B 17/72 (2006.01)
A61B 17/84 (2006.01)
A61B 17/86 (2006.01)
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- (74) Allens Patent & Trade Mark Attorneys
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H01L 31/0224 (2006.01)
H01L 31/068 (2012.01)
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(21) 2021315565 (22) 29.07.2021
(54) Excessive train brake pipe flow diagnostics
- (51) Int. Cl.
B60T 17/22 (2006.01)
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(21) 2021315664 (22) 29.07.2021
(54) Fixed DC bus and hydrogen generation system
- (51) Int. Cl.
H02J 3/38 (2006.01)
C25B 1/04 (2021.01)
C25B 9/00 (2021.01)
H02J 3/32 (2006.01)
H02J 7/00 (2006.01)
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(21) 2021328270 (22) 17.08.2021
(54) Variable radius under module bearing
- (51) Int. Cl.
H02S 20/32 (2014.01)
F16M 11/18 (2006.01)
F24S 30/00 (2018.01)
H02S 20/10 (2014.01)
H02S 20/30 (2014.01)
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(43) 24.02.2022
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(21) 2021329836 (22) 17.08.2021
(54) Multiple wall connection over piers
- (51) Int. Cl.
H02S 20/32 (2014.01)
F24S 30/425 (2018.01)
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(11) AU-A-2021300145
(21) 2021300145 (22) 01.07.2021
(54) Perforated case pack top panel
- (51) Int. Cl.
B65D 17/28 (2006.01)
B65B 27/04 (2006.01)
B65B 55/00 (2006.01)
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(21) 2021320889 (22) 06.08.2021
(54) Single anchor closure
- (51) Int. Cl.
B65D 41/34 (2006.01)
B65D 55/16 (2006.01)
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(21) 2021311081 (22) 09.07.2021
(54) Aerosol provision system
- (51) Int. Cl.
A24F 40/40 (2020.01)
A24F 40/42 (2020.01)
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(54) Aerosol provision system
- (51) Int. Cl.
A24F 40/40 (2020.01)
A24F 40/42 (2020.01)
A61M 11/04 (2006.01)
A61M 15/06 (2006.01)
H01R 4/48 (2006.01)
H01R 4/58 (2006.01)
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(54) Aerosol generation
- (51) Int. Cl.
A24B 15/16 (2020.01)
A24B 15/14 (2006.01)
A24B 15/30 (2006.01)
A24D 1/20 (2020.01)
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- (31) 2012747.8 (32) 14.08.20 (33) GB
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- (74) Spruson & Ferguson
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- (71) Nicoventures Trading Limited
(11) AU-A-2021329063
(21) 2021329063 (22) 20.08.2021
(54) A plug comprising a combustion retarding additive and uses thereof
- (51) Int. Cl.
A24D 1/20 (2020.01)
A24D 1/00 (2020.01)
A24F 40/20 (2020.01)
- (87) WO2022/038366
- (31) 2013121.5 (32) 21.08.20 (33) GB
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- (71) Nicoventures Trading Limited
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(21) 2021329064 (22) 20.08.2021
(54) A combustion retarding material and uses thereof
- (51) Int. Cl.
A24B 15/14 (2006.01)
A24B 15/28 (2006.01)
A24D 1/02 (2006.01)
A24D 1/20 (2020.01)
A24F 40/20 (2020.01)

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 (21) 2021331397 (22) 24.08.2021
 (54) Aerosol generation
 (51) Int. Cl.
 A24B 15/16 (2020.01)
 A24B 15/28 (2006.01)
 A24D 1/20 (2020.01)
 A24F 40/20 (2020.01)
- (87) WO2022/043338
 (31) 2013212.2 (32) 24.08.20 (33) GB
 (43) 03.03.2022
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 (21) 2021334990 (22) 24.08.2021
 (54) Aerosol generation
 (51) Int. Cl.
 A24D 1/20 (2020.01)
 A24B 15/16 (2020.01)
 A24B 15/28 (2006.01)
 A24F 40/20 (2020.01)
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 (21) 2020455613 (22) 30.06.2020
 (54) Bipolar current collector, electrochemical device, and electronic device
 (51) Int. Cl.
 H01M 4/66 (2006.01)
 H01M 4/80 (2006.01)
- (87) WO2022/000308
 (43) 06.01.2022
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 (11) AU-A-2021320957
 (21) 2021320957 (22) 02.08.2021
 (54) Pharmaceutical composition for preventing, suppressing, or treating symptoms associated with allergic reaction
 (51) Int. Cl.
 A61K 45/00 (2006.01)
 A61K 31/5513 (2006.01)
 A61P 37/08 (2006.01)
 A61P 43/00 (2006.01)
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 (54) Reporting of integrity-related information for positioning
 (51) Int. Cl.
 H04W 64/00 (2009.01)
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 (31) 63/058,734 (32) 30.07.20 (33) US
 (43) 03.02.2022
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- (71) NorthStar Medical Radioisotopes, LLC
 (11) AU-A-2021328565
 (21) 2021328565 (22) 17.08.2021
 (54) Method and system for producing isotopes
 (51) Int. Cl.
 G21G 1/04 (2006.01)
 G21G 1/00 (2006.01)
 G21G 1/10 (2006.01)
 G21G 1/12 (2006.01)
 H05H 6/00 (2006.01)
 H05H 13/00 (2006.01)
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 (74) FPA Patent Attorneys Pty Ltd
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 (54) Engineered N-glycosyltransferases with altered specificities
 (51) Int. Cl.
 C12N 9/10 (2006.01)
 C12N 1/21 (2006.01)
 C12N 9/48 (2006.01)
 C12P 21/02 (2006.01)
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 (21) 2021328720 (22) 20.08.2021
 (54) Inhaler system
 (51) Int. Cl.
 G16H 20/13 (2018.01)
- A61M 15/00 (2006.01)
 G16H 40/63 (2018.01)
 G16H 50/30 (2018.01)
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 (21) 2021346233 (22) 21.09.2021
 (54) MDM2 inhibitors for use in the treatment or prevention of hematologic neoplasm relapse after hematopoietic cell transplantation
 (51) Int. Cl.
 A61K 31/40 (2006.01)
 A61K 31/4015 (2006.01)
 A61K 31/451 (2006.01)
 A61K 31/496 (2006.01)
 A61K 31/513 (2006.01)
 A61K 45/06 (2006.01)
 A61P 35/02 (2006.01)
 A61P 43/00 (2006.01)
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 (11) AU-A-2021336750
 (21) 2021336750 (22) 01.09.2021
 (54) Novel compounds
 (51) Int. Cl.
 C07D 231/56 (2006.01)
 A61K 31/416 (2006.01)
 A61P 25/00 (2006.01)
 A61P 29/00 (2006.01)
 C07D 403/12 (2006.01)
 C07D 405/04 (2006.01)
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 C07D 471/04 (2006.01)
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 (31) 2013731.1 (32) 01.09.20 (33) GB
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 (74) FPA Patent Attorneys Pty Ltd
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 (11) AU-A-2021337195
 (21) 2021337195 (22) 01.09.2021
 (54) Novel compounds
 (51) Int. Cl.
 C07D 209/00 (2006.01)
 A61K 31/416 (2006.01)
 A61K 31/4192 (2006.01)
 A61P 25/00 (2006.01)
 A61P 29/00 (2006.01)
 C07D 209/34 (2006.01)
 C07D 231/56 (2006.01)
 C07D 235/26 (2006.01)

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C07D 277/62 (2006.01)
C07D 405/12 (2006.01)
C07D 413/12 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd
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(11) AU-A-2021327851
(21) 2021327851 (22) 18.08.2021
(54) Monitoring of in vitro protein synthesis
(51) Int. Cl.
G01N 33/542 (2006.01)
G01N 33/68 (2006.01)
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(31) 2013063.9 (32) 21.08.20 (33) GB
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(74) FPA Patent Attorneys Pty Ltd
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(54) Nicotinamide mononucleotide derivatives and use thereof in the treatment and prevention of an antineoplastic-induced toxicity
(51) Int. Cl.
A61K 31/706 (2006.01)
A61P 39/00 (2006.01)
A61P 43/00 (2006.01)
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(31) 20190010.7 (32) 07.08.20 (33) EP
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(72) BERMOND, Guillaume; GARÇON, Laurent
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(54) Surgical systems
(51) Int. Cl.
A61B 90/50 (2016.01)
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(21) 2021323969 (22) 28.07.2021
(54) Storage system, methods and devices
(51) Int. Cl.
A01G 31/06 (2006.01)
A01G 9/14 (2006.01)
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(72) STADIE, Robert
(74) James & Wells Intellectual Property
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(21) 2021324385 (22) 12.08.2021
(54) Track assembly for a storage system
(51) Int. Cl.
B65G 1/04 (2006.01)
B65G 1/02 (2006.01)
- (87) WO2022/034191
(31) 2012740.3 (32) 14.08.20 (33) GB
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(74) James & Wells Intellectual Property
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(21) 2021325368 (22) 12.08.2021
(54) A grid levelling mechanism
(51) Int. Cl.
B65G 1/04 (2006.01)
B66C 7/00 (2006.01)
E04B 1/36 (2006.01)
E04H 9/02 (2006.01)
F16M 7/00 (2006.01)
- (87) WO2022/034189
(31) 2012740.3 (32) 14.08.20 (33) GB
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(74) James & Wells Intellectual Property
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(21) 2021326289 (22) 28.07.2021
(54) Storage system, methods and devices
(51) Int. Cl.
A01G 31/06 (2006.01)
A01G 9/14 (2006.01)
- (87) WO2022/033875
(31) 2012672.8 (32) 13.08.20 (33) GB
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(72) STADIE, Robert
(74) James & Wells Intellectual Property
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- (71) Ocado Innovation Limited
(11) AU-A-2021334951
(21) 2021334951 (22) 24.08.2021
(54) Trough manipulator and method for lifting objects and trough
(51) Int. Cl.
B25J 15/00 (2006.01)
B65G 61/00 (2006.01)
B66C 1/02 (2006.01)
- (87) WO2022/043317
(31) 2050982-4 (32) 26.08.20 (33) SE
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(72) LJUNGGREN, Per Henrik
(74) James & Wells Intellectual Property
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- (71) Ohio State Innovation Foundation
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(21) 2021301359 (22) 29.06.2021
(54) Systems and methods for high reactant conversion through multiple reactant flow ratio staging
(51) Int. Cl.
B01J 19/26 (2006.01)
B01J 4/00 (2006.01)
B22F 1/00 (2022.01)
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(74) Griffith Hack
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- (71) OncoCyte Corporation
(11) AU-A-2021322092
(21) 2021322092 (22) 02.08.2021
(54) Classifying tumors and predicting responsiveness
(51) Int. Cl.
A61K 9/00 (2006.01)
- (87) WO2022/031630
(31) 63/060,321 (32) 03.08.20 (33) US
63/121,837 04.12.20 US
63/173,180 09.04.21 US
(43) 10.02.2022
(72) SEITZ, Robert Scott; HOUT, David; NIELSEN, Tyler Jon; SCHWEITZER, Brock Lloyd; RING, Brian Z.; ROSS, Douglas T.
(74) RNB IP PTY LTD
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- (71) Ontex BV; Ontex Group NV
(11) AU-A-2021303464
(21) 2021303464 (22) 07.07.2021
(54) Monitoring device attachable to an absorbent article, and respective method and absorbent article
(51) Int. Cl.
A61F 13/42 (2006.01)
G16H 40/67 (2018.01)
- (87) WO2022/008582
(31) 20184417.2 (32) 07.07.20 (33) EP
(43) 13.01.2022
(72) HEIRMAN, Lisa; HELLMOLD, Jens; MARRS, Bert
(74) Madderns Pty Ltd

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(71) Ontex BV; Ontex Group NV
 (11) AU-A-2021304802
 (21) 2021304802 (22) 02.07.2021
 (54) Absorbent article with improved core and method of making
 (51) Int. Cl.
 A61F 13/15 (2006.01)
 A61F 13/532 (2006.01)
 A61F 13/534 (2006.01)
 A61F 13/539 (2006.01)
 B05C 19/04 (2006.01)
 (87) WO2022/008381
 (31) 20184273.9 (32) 06.07.20 (33) EP
 20191020.5 13.08.20 EP
 (43) 13.01.2022
 (72) WEBER, Ainas; LAMBERTZ, Christina
 (74) Madderns Pty Ltd

(71) Ontex BV; Ontex Group NV
 (11) AU-A-2021306626
 (21) 2021306626 (22) 07.07.2021
 (54) Manufacturing method for an absorbent article comprising a pocket and absorbent article being producible thereby
 (51) Int. Cl.
 A61F 13/15 (2006.01)
 A61F 13/42 (2006.01)
 A61F 13/51 (2006.01)
 A61F 13/514 (2006.01)
 G16H 40/67 (2018.01)
 (87) WO2022/008584
 (31) 20184425.5 (32) 07.07.20 (33) EP
 (43) 13.01.2022
 (72) HELLMOLD, Jens; HEIRMAN, Lisa
 (74) Madderns Pty Ltd

(71) Orekinetics Investments Pty Ltd
 (11) AU-A-2021327033
 (21) 2021327033 (22) 14.08.2021
 (54) Spiral separator and apparatus therefor
 (51) Int. Cl.
 B03B 5/62 (2006.01)
 B03B 5/52 (2006.01)
 B03B 11/00 (2006.01)
 (87) WO2022/036391
 (31) 2020902906 (32) 15.08.20 (33) AU
 (43) 24.02.2022
 (72) GATES, Peter
 (74) Daniel Rosenthal

(71) OrthoBio Therapeutics Inc.
 (11) AU-A-2021308079
 (21) 2021308079 (22) 16.07.2021
 (54) Gene editing to improve joint function
 (51) Int. Cl.
 C12N 15/11 (2006.01)
 (87) WO2022/016121
 (31) 63/052,881 (32) 16.07.20 (33) US
 63/055,808 23.07.20 US
 (43) 20.01.2022
 (72) MILLETT, Peter J.; RUSSELL, Iain
 Alasdair; ALLEN, Matthew J.
 (74) AJ PARK

(71) Ortoma AB
 (11) AU-A-2021312639
 (21) 2021312639 (22) 19.07.2021
 (54) Support and holder for navigation system
 (51) Int. Cl.
 A61B 34/20 (2016.01)
 A61B 90/00 (2016.01)
 (87) WO2022/019820
 (31) 2050911-3 (32) 20.07.20 (33) SE
 (43) 27.01.2022
 (72) ANDERSSON, Morgan
 (74) FPA Patent Attorneys Pty Ltd

(71) OssDsign AB
 (11) AU-A-2021319440
 (21) 2021319440 (22) 06.08.2021
 (54) Calcium-deficient silicate-substituted calcium phosphate apatite compositions and methods
 (51) Int. Cl.
 A61L 27/12 (2006.01)
 A61L 27/32 (2006.01)
 C01B 25/32 (2006.01)
 (87) WO2022/029716
 (31) 2012350.1 (32) 07.08.20 (33) GB
 (43) 10.02.2022
 (72) GIBSON, Iain; CONWAY, Jordan
 (74) RnB IP Pty Ltd

(71) Osteal Therapeutics, Inc.
 (11) AU-A-2021326539
 (21) 2021326539 (22) 13.08.2021
 (54) System and method for treatment and prevention of periprosthetic joint infections
 (51) Int. Cl.
 A61F 2/30 (2006.01)
 A61F 2/36 (2006.01)
 A61F 2/38 (2006.01)
 A61F 2/42 (2006.01)
 A61F 2/46 (2006.01)
 (87) WO2022/036211
 (31) 63/065,413 (32) 13.08.20 (33) US
 17/401,843 13.08.21 US
 (43) 17.02.2022
 (72) DE BEAUBIEN, Brian; PAGANELLI, Jude; PFLASTER, Daniel; DEANS, Daivon; WATSON, Ryan; BOWMAN, Brian
 (74) RnB IP Pty Ltd

(71) Oticara, Inc.
 (11) AU-A-2021334325
 (21) 2021334325 (22) 26.08.2021
 (54) Compositions devices and methods for treating nasal, otic and other tissue infection and/or inflammation
 (51) Int. Cl.
 A61K 31/496 (2006.01)
 A61K 9/00 (2006.01)
 A61K 9/16 (2006.01)
 (87) WO2022/047042
 (31) 63/070,812 (32) 26.08.20 (33) US
 (43) 03.03.2022
 (72) CROWLEY, Michael McDonald;
 SLATER, Patrick; MARICH, Christopher
 (74) Spruson & Ferguson

(71) Otsuka Pharmaceutical Co., Ltd.
 (11) AU-A-2021369508
 (21) 2021369508 (22) 27.10.2021
 (54) Pharmaceutical compositions and methods of using the same for treating cancer
 (51) Int. Cl.
 A61P 35/02 (2006.01)
 A61K 31/136 (2006.01)
 A61K 31/445 (2006.01)
 A61K 31/453 (2006.01)
 A61K 31/635 (2006.01)
 A61K 31/706 (2006.01)
 A61P 35/00 (2006.01)
 (87) WO2022/093930
 (31) 63/107,010 (32) 29.10.20 (33) US
 (43) 05.05.2022
 (72) OGANESIAN, Aram; DAO, Kim-Hien;
 KEER, Harold
 (74) Spruson & Ferguson

(71) Otsuka Pharmaceutical Factory, Inc.
 (11) AU-A-2021315149
 (21) 2021315149 (22) 30.06.2021
 (54) Cold remedy and antiviral agent
 (51) Int. Cl.
 A61K 31/444 (2006.01)
 A61P 11/00 (2006.01)
 A61P 29/00 (2006.01)
 A61P 31/12 (2006.01)
 A61P 31/14 (2006.01)
 C12N 15/09 (2006.01)
 (87) WO2022/024649
 (31) 2020-128943 (32) 30.07.20 (33) JP
 (43) 03.02.2022
 (72) IWATA, Koushi; IMAI, Kaoru
 (74) FPA Patent Attorneys Pty Ltd

(71) Outset Medical, Inc.
 (11) AU-A-2021320862
 (21) 2021320862 (22) 05.08.2021
 (54) Dialysis system and methods
 (51) Int. Cl.
 A61M 1/28 (2006.01)
 (87) WO2022/031938
 (31) 63/061,623 (32) 05.08.20 (33) US
 (43) 10.02.2022
 (72) HOGARD, Michael Edward; ARAGON, Michael; HU, Dean; KERDOK, Amy
 Elizabeth; CAVALIER, Elaine
 (74) RnB IP Pty Ltd

(71) Oxiteno S.A. Indústria e Comércio
 (11) AU-A-2021366966
 (21) 2021366966 (22) 15.10.2021
 (54) Composition, agrochemical formulation, methods for increasing water and nutrient availability and for improving pest control in plants and seeds, and uses of the composition and the agrochemical formulation
 (51) Int. Cl.
 C05G 3/80 (2020.01)
 A01B 79/00 (2006.01)
 A01N 25/02 (2006.01)
 C07C 43/11 (2006.01)

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C09K 17/18 (2006.01)
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BR102021006626-1 07.04.21 BR
(43) 28.04.2022
(72) PIRES-OLIVEIRA, Rafael; GUST-
AVSON, Poliana Cardoso;
MENDONÇA, Bruna
(74) Spruson & Ferguson
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- (71)** P.D. of Miami, Inc.
(11) AU-A-2021331635
(21) 2021331635 **(22)** 30.08.2021
(54) Wing cargo parachute system utiliz-
ing dynamic braking to reduce opening
shock
(51) Int. Cl.
B64D 1/08 (2006.01)
B64D 1/12 (2006.01)
B64D 17/02 (2006.01)
B64D 17/34 (2006.01)
B64D 17/62 (2006.01)
(87) WO2022/047344
(31) 63/072,221 **(32)** 30.08.20 **(33)** US
(43) 03.03.2022
(72) COE, William John; KAPP, Ignatius
(74) Griffith Hack
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- (71)** Palintest Limited
(11) AU-A-2021349342
(21) 2021349342 **(22)** 16.09.2021
(54) Electrochemical sensor
(51) Int. Cl.
G01N 27/30 (2006.01)
G01N 33/18 (2006.01)
(87) WO2022/064177
(31) 2015116.3 **(32)** 24.09.20 **(33)** GB
(43) 31.03.2022
(72) JOHNSTON, Simon Richard; BIRCH,
Stephen William; LUNN, Samantha;
IACOBINI, James
(74) FPA Patent Attorneys Pty Ltd
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- (71)** Panasonic Intellectual Property Man-
agement Co., Ltd.
(11) AU-A-2021361366
(21) 2021361366 **(22)** 11.10.2021
(54) Drug solution spraying system and
method for operating same
(51) Int. Cl.
A61L 101/06 (2006.01)
A61L 2/18 (2006.01)
B05B 12/00 (2018.01)
B05B 12/12 (2006.01)
(87) WO2022/080324
(31) 2020-172678 **(32)** 13.10.20 **(33)** JP
(43) 21.04.2022
(72) KIMURA, Kota; OGATA, Takeshi
(74) Davies Collison Cave Pty Ltd
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- (71)** Panasonic Intellectual Property Man-
agement Co., Ltd.
(11) AU-A-2021362359
(21) 2021362359 **(22)** 11.10.2021
(54) Chemical spray system and operation
method thereof
-
- (51)** Int. Cl.
A61L 2/18 (2006.01)
A61L 12/08 (2006.01)
B05B 7/04 (2006.01)
B05B 7/24 (2006.01)
(87) WO2022/080322
(31) 2020-172676 **(32)** 13.10.20 **(33)** JP
(43) 21.04.2022
(72) KIMURA, Kota
(74) Davies Collison Cave Pty Ltd
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- (71)** Paragon 28, Inc.
(11) AU-A-2021310358
(21) 2021310358 **(22)** 16.07.2021
(54) Total ankle replacement instruments,
assembly, and methods of use
(51) Int. Cl.
A61F 2/42 (2006.01)
A61B 17/56 (2006.01)
A61B 17/88 (2006.01)
A61F 2/46 (2006.01)
(87) WO2022/016082
(31) 62/705,801 **(32)** 16.07.20 **(33)** US
(43) 20.01.2022
(72) LEE, Daniel J.; DOGUÉ, Joseph;
MARIK, Greg; RAYMOND, Spanky
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71)** PAUGER KFT.
(11) AU-A-2021332119
(21) 2021332119 **(22)** 24.08.2021
(54) Method for attaching an end terminal
and splitting device therefor
(51) Int. Cl.
F16G 11/04 (2006.01)
F16G 11/05 (2006.01)
(87) WO2022/043720
(31) P2000280 **(32)** 26.08.20 **(33)** HU
(43) 03.03.2022
(72) PAULOVITS, Dénes
(74) Griffith Hack
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- (71)** Payeli, S.K.
(11) AU-A-2021303047
(21) 2021303047 **(22)** 01.07.2021
(54) Semi-automatically controllable syr-
inges
(51) Int. Cl.
A61M 5/315 (2006.01)
(87) WO2022/003728
(31) 202041028073 **(32)** 01.07.20 **(33)** IN
(43) 06.01.2022
(72) PAYELI, Sravan Kumar; MOCHARLA,
Pavani Srividya
(74) FB Rice Pty Ltd
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- (71)** PepsiCo, Inc.
(11) AU-A-2021308629
(21) 2021308629 **(22)** 15.07.2021
(54) Display device for illuminating pack-
aged beverages
(51) Int. Cl.
A47F 11/10 (2006.01)
(87) WO2022/015996
(31) 202041030501 **(32)** 17.07.20 **(33)** IN
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- (43)** 20.01.2022
(72) JAIN, Sandeep; BHUTANI, Gurmeet
Singh
(74) ALLENS PATENT & TRADE MARK
ATTORNEYS
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- (71)** PepsiCo, Inc.
(11) AU-A-2021310118
(21) 2021310118 **(22)** 15.06.2021
(54) Contactless autofill dispensing
(51) Int. Cl.
B67D 1/12 (2006.01)
(87) WO2022/015451
(31) 16/931,245 **(32)** 16.07.20 **(33)** US
(43) 20.01.2022
(72) KHAN, Kazim A.; CHUNG, Terry Tae-il
(74) ALLENS PATENT & TRADE MARK
ATTORNEYS
-
- (71)** PepsiCo, Inc.
(11) AU-A-2021313248
(21) 2021313248 **(22)** 23.07.2021
(54) Beverage dispenser
(51) Int. Cl.
A47J 31/40 (2006.01)
A47J 31/44 (2006.01)
(87) WO2022/020764
(31) 63/056,178 **(32)** 24.07.20 **(33)** US
(43) 27.01.2022
(72) FANTAPPIE, Giancarlo; KAMALI, Far-
shad; JERSEY, Steven T.
(74) ALLENS PATENT & TRADE MARK
ATTORNEYS
-
- (71)** PERI AG
(11) AU-A-2021322817
(21) 2021322817 **(22)** 09.08.2021
(54) Multi-head bolt and fastener system
(51) Int. Cl.
F16B 21/02 (2006.01)
F16B 35/06 (2006.01)
F16B 37/04 (2006.01)
(87) WO2022/029743
(31) 16/988,538 **(32)** 07.08.20 **(33)** US
(43) 10.02.2022
(72) HUBER, Julian; READ, Andrew;
STURM, Florian
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71)** PERI SE
(11) AU-A-2021319450
(21) 2021319450 **(22)** 09.08.2021
(54) Formwork system and method
(51) Int. Cl.
E01D 21/00 (2006.01)
(87) WO2022/029741
(31) 16/988,555 **(32)** 07.08.20 **(33)** US
(43) 10.02.2022
(72) HUBER, Julian; READ, Andrew;
STURM, Florian; HARRIS, Ken;
LUNDAY, Justin; STRAUB, Dan
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71)** Petróleo Brasileiro S.A. - Petrobras
(11) AU-A-2021297552
(21) 2021297552 **(22)** 15.06.2021

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- (54) Computer script for processing images and use thereof in a method for facies image determination
 (51) Int. Cl.
G06T 7/13 (2017.01)
E21B 47/002 (2012.01)
E21B 49/00 (2006.01)
 (87) WO2021/258170
 (31) BR 10 2020 (32) 24.06.20 (33) BR 012943 0
 (43) 30.12.2021
 (72) DE SOUZA FIORITI, Lenita; FLORES DE MELLO JUNIOR, Altanir
 (74) Davies Collison Cave Pty Ltd
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- (71) Petters, K.
 (11) AU-A-2021316852
 (21) 2021316852 (22) 07.07.2021
 (54) System, apparatus and method for installation of street furniture
 (51) Int. Cl.
E01F 15/04 (2006.01)
E01F 9/685 (2016.01)
 (87) WO2022/023702
 (31) 2011827.9 (32) 30.07.20 (33) GB
 (43) 03.02.2022
 (72) PETTERS, Karl
 (74) Spruson & Ferguson
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- (71) Pfizer Inc.
 (11) AU-A-2021308586
 (21) 2021308586 (22) 14.07.2021
 (54) Therapeutic antibodies and their uses
 (51) Int. Cl.
C07K 16/28 (2006.01)
A61P 35/00 (2006.01)
A61P 37/00 (2006.01)
 (87) WO2022/013775
 (31) 63/053,243 (32) 17.07.20 (33) US
 (43) 20.01.2022
 (72) APGAR, James Reasoner; HOOPER, Andrea Therese; NOCULA-LUGOWSKA, Malgorzata Agnieszka; WU, Lei
 (74) ALLENS PATENT & TRADE MARK ATTORNEYS
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- (71) Pfizer Inc.
 (11) AU-A-2021315047
 (21) 2021315047 (22) 22.07.2021
 (54) Improvements to wash solutions for anion exchange chromatography in a method of purification of recombinantly-produced RSV proteins
 (51) Int. Cl.
A61K 38/16 (2006.01)
C07K 14/08 (2006.01)
 (87) WO2022/023895
 (31) 63/056,949 (32) 27.07.20 (33) US
 (43) 03.02.2022
 (72) KUBLBECK, Jill Ann; PETTAWAY, Alexandra; SALM, Jeffrey Richard
 (74) ALLENS PATENT & TRADE MARK ATTORNEYS
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- (71) Pfizer Inc.
 (11) AU-A-2021332183
 (21) 2021332183 (22) 23.08.2021
 (54) Group B streptococcus polysaccharide-protein conjugates, methods for producing conjugates, immunogenic compositions comprising conjugates, and uses thereof
 (51) Int. Cl.
A61K 39/09 (2006.01)
A61P 31/04 (2006.01)
A61K 39/00 (2006.01)
 (87) WO2022/043855
 (31) 63/070,410 (32) 26.08.20 (33) US 63/229,359 04.08.21 US
 (43) 03.03.2022
 (72) ANDERSON, Annaliesa Sybil; DONALD, Robert George Konrad; HAWKINS, Julio Cesar; KODALI, Srinivas; SIMON, Raphael
 (74) Davies Collison Cave Pty Ltd
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- (71) PGG Wrightson Seeds Limited
 (11) AU-A-2021318090
 (21) 2021318090 (22) 29.07.2021
 (54) Nutrient loss reduction method, uses and products
 (51) Int. Cl.
A01H 1/00 (2006.01)
A01H 1/02 (2006.01)
A01H 1/04 (2006.01)
A01H 6/68 (2018.01)
A23K 10/30 (2016.01)
A23K 50/10 (2016.01)
 (87) WO2022/025774
 (31) 766476 (32) 31.07.20 (33) NZ 767603 01.09.20 NZ
 (43) 03.02.2022
 (72) JUDSON, Howard Glenn; FRASER, Patricia Margaret; PETERSON, Michelle Emma; JOYCE, Nigel Ian
 (74) James & Wells Intellectual Property
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- (71) PharmaBlock Sciences (Nanjing), Inc.
 (11) AU-A-2021323245
 (21) 2021323245 (22) 06.08.2021
 (54) CDK9 inhibitor and use thereof
 (51) Int. Cl.
C07D 401/12 (2006.01)
A61K 31/44 (2006.01)
A61K 31/497 (2006.01)
A61K 31/501 (2006.01)
A61P 35/00 (2006.01)
C07D 213/74 (2006.01)
C07D 401/00 (2006.01)
C07D 401/14 (2006.01)
C07D 417/14 (2006.01)
 (87) WO2022/028556
 (31) 202010789162.3 (32) 07.08.20 (33) CN
 (43) 10.02.2022
 (72) PENG, Zuozhong; JIA, Jilin; HU, Jiaqi; CUI, Qian; WU, Yizhou; YI, Yunfei; CHEN, Qiuhong; WANG, Jie
 (74) GLMR
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- (71) Photon Vault LLC
 (11) AU-A-2021310128
 (21) 2021310128 (22) 27.06.2021
 (54) Multi-temperature heat pump for thermal energy storage
 (51) Int. Cl.
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- F01K 3/12** (2006.01)
F28D 20/00 (2006.01)
 (87) WO2022/015489
 (31) 16/928,352 (32) 14.07.20 (33) US
 (43) 20.01.2022
 (72) MCCORMICK, Kentwell Lee
 (74) Davies Collison Cave Pty Ltd
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- (71) PII Guard ApS
 (11) AU-A-2021298842
 (21) 2021298842 (22) 29.06.2021
 (54) A database server system
 (51) Int. Cl.
G06F 21/62 (2013.01)
 (87) WO2022/002959
 (31) 20183234.2 (32) 30.06.20 (33) EP 20205230.4 02.11.20 EP
 (43) 06.01.2022
 (72) BOESGAARD, Martin Staal
 (74) FB Rice Pty Ltd
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- (71) PINPOINT IDEAS LLC
 (11) AU-A-2021300957
 (21) 2021300957 (22) 29.06.2021
 (54) Prop impact detector
 (51) Int. Cl.
G01S 19/26 (2010.01)
G01S 19/34 (2010.01)
G05D 1/02 (2020.01)
G06F 7/00 (2006.01)
G06Q 30/00 (2012.01)
 (87) WO2022/006027
 (31) 63/045,344 (32) 29.06.20 (33) US
 (43) 06.01.2022
 (72) CZARNECKY, Joseph; ROOK, Steven; CRUTCHFIELD, Scott; STAIR, Gregory
 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) Pivotree Pty Ltd
 (11) AU-A-2020329082
 (21) 2020329082 (22) 12.08.2020
 (54) Subsea tree including a fluid swivel
 (51) Int. Cl.
E21B 33/035 (2006.01)
B63B 27/34 (2006.01)
E21B 17/01 (2006.01)
E21B 43/01 (2006.01)
 (87) WO2021/026610
 (43) 18.02.2021
 (72) MERRICK, Christopher
 (74) O'Sullivan's Patent and Trade Mark Attorneys Pty Ltd
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- (71) Point Biopharma, Inc.
 (11) AU-A-2021309907
 (21) 2021309907 (22) 13.07.2021
 (54) Radiopharmaceutical and methods
 (51) Int. Cl.
A61K 51/04 (2006.01)
A61K 47/22 (2006.01)
A61K 51/00 (2006.01)
A61P 35/00 (2006.01)
 (87) WO2022/013610
 (31) 63/143,664 (32) 29.01.21 (33) US 63/051,335 13.07.20 US

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(72) MCCANN, Joe
(74) Davies Collison Cave Pty Ltd
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- (71) Porex Corporation
(11) AU-A-2021331464
(21) 2021331464 (22) 27.08.2021
(54) Liquid collection device
(51) Int. Cl.
A61B 10/00 (2006.01)
(87) WO2022/047195
(31) 63/071,870 (32) 28.08.20 (33) US
63/089,409 08.10.20 US
63/132,819 31.12.20 US
(43) 03.03.2022
(72) ROBBINS, Avi; CARPIO III, Robert;
CHANG, Yuan; FITZPATRICK, Kath-
leen; MAHARSIA, Rahul; SHAHIDANI,
Saman Mahdavi; SHELLY, Hayden;
STREIFF, Micah
(74) Pizeys Patent and Trade Mark Attor-
neys Pty Ltd
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- (71) PPG Industries Ohio, Inc.
(11) AU-A-2021305045
(21) 2021305045 (22) 06.07.2021
(54) Adapter for connecting a fluid reservoir
can to a fluid applicator
(51) Int. Cl.
B05B 7/24 (2006.01)
(87) WO2022/010835
(31) 63/048,423 (32) 06.07.20 (33) US
(43) 13.01.2022
(72) PELLARIN, Zachary Thomas
(74) Minter Ellison
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- (71) PQ SILICA BRAZIL LTDA.; Ribeiro, F.
(11) AU-A-2021326487
(21) 2021326487 (22) 11.08.2021
(54) Stable solution of sodium and iron silic-
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and uses thereof
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C01B 33/32 (2006.01)
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B01D 53/75 (2006.01)
B01D 53/80 (2006.01)
B01D 53/96 (2006.01)
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A61P 35/00 (2006.01)
G01N 33/574 (2006.01)
G16H 50/20 (2018.01)
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B65G 39/00 (2006.01)
B29C 48/16 (2019.01)
B29C 48/17 (2019.01)
B29C 48/21 (2019.01)
B29C 48/32 (2019.01)
B32B 1/08 (2006.01)
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A23L 33/135 (2016.01)
A23L 33/21 (2016.01)
A61K 31/702 (2006.01)
A61K 35/745 (2015.01)
A61P 1/00 (2006.01)
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C12N 15/113 (2010.01)
C12N 15/11 (2006.01)
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container closure having a sealing cap
of this type
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B65D 39/08 (2006.01)
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rangement for mobile machinery
(51) Int. Cl.
B60K 28/10 (2006.01)
G01B 7/14 (2006.01)
G01R 15/14 (2006.01)
G01R 19/00 (2006.01)
G01R 19/155 (2006.01)
G01R 29/12 (2006.01)
G01R 31/42 (2006.01)
G01R 31/58 (2020.01)
G01R 33/00 (2006.01)
G08B 21/02 (2006.01)
G08C 17/02 (2006.01)
H02G 1/02 (2006.01)
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Shane; SARGEANT, Gary; KABZINSKI,
Richard; HARDING, Monty
(74) Patenteur Pty Ltd
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and an illuminating system for illuminat-
ing said power cable using the electric
energy harvested by the energy har-
vesting system
(51) Int. Cl.
H02J 50/00 (2016.01)
F21V 33/00 (2006.01)
H01B 1/00 (2006.01)
H01B 7/00 (2006.01)
H01B 7/36 (2006.01)

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(11) AU-A-2021315472
(21) 2021315472 **(22)** 21.07.2021
(54) High resistance implanted bronchial isolation devices and methods
(51) Int. Cl.
A61B 17/12 (2006.01)
A61B 17/00 (2006.01)
A61B 17/24 (2006.01)
A61F 2/04 (2013.01)
A61M 16/04 (2006.01)
A61M 16/20 (2006.01)
(87) WO2022/026270
(31) 16/941,442 **(32)** 28.07.20 **(33)** US
(43) 03.02.2022
(72) RADHAKRISHNAN, Sri; OLIVERA, Ryan
(74) Spruson & Ferguson
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- (71)** Pulmonx Corporation
(11) AU-A-2021322211
(21) 2021322211 **(22)** 03.08.2021
(54) Methods, systems, and devices for analyzing lung imaging data to determine collateral ventilation
(51) Int. Cl.
A61B 5/08 (2006.01)
A61B 6/03 (2006.01)
G06T 7/00 (2017.01)
G16H 30/00 (2018.01)
G16H 30/40 (2018.01)
(87) WO2022/031751
(31) 63/062,390 **(32)** 06.08.20 **(33)** US
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(72) RADHAKRISHNAN, Sri; OLIVERA, Ryan
(74) Spruson & Ferguson
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(11) AU-A-2021304900
(21) 2021304900 **(22)** 09.07.2021
(54) Blocking method
(51) Int. Cl.
G01N 33/53 (2006.01)
B01L 3/00 (2006.01)
B05D 5/00 (2006.01)
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(74) FB Rice Pty Ltd
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(11) AU-A-2021305277
(21) 2021305277 **(22)** 22.07.2021
(54) Refrigerator body and refrigerator
(51) Int. Cl.
F25D 23/06 (2006.01)
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(11) AU-A-2021310164
(21) 2021310164 **(22)** 12.07.2021
(54) Shelf assembly for refrigerator and refrigerator
(51) Int. Cl.
F25D 25/02 (2006.01)
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(31) 202010667412.6 **(32)** 13.07.20 **(33)** CN
(43) 20.01.2022
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- (71)** Qingdao Haier Refrigerator Co., Ltd.; Haier Smart Home Co., Ltd.
(11) AU-A-2021270948
(21) 2021270948 **(22)** 15.06.2021
(54) Air-cooling refrigerator supplying air by using centrifugal fan
(51) Int. Cl.
F25D 17/06 (2006.01)
F04D 29/42 (2006.01)
(87) WO2021/228277
(31) 202010832823.6 **(32)** 18.08.20 **(33)** CN
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- (71)** Qingdao Haier Refrigerator Co., Ltd.; Haier Smart Home Co., Ltd.
(11) AU-A-2021326859
(21) 2021326859 **(22)** 04.08.2021
(54) Refrigerator having evaporator disposed at bottom of refrigerator body
(51) Int. Cl.
F25D 19/00 (2006.01)
F25D 11/02 (2006.01)
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(43) 24.02.2022
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- (54)** Air-cooled refrigerator
(51) Int. Cl.
F25D 17/08 (2006.01)
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(11) AU-A-2021329695
(21) 2021329695 **(22)** 10.08.2021
(54) Air-cooled refrigerator with evaporator arranged at bottom of cabinet
(51) Int. Cl.
F25D 11/02 (2006.01)
(87) WO2022/037437
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(51) Int. Cl.
F25B 43/00 (2006.01)
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H04W 28/24 (2009.01)
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(21) 2021328384 **(22)** 19.08.2021
(54) Effervescent formulation containing apoaequorin
(51) Int. Cl.
A61K 9/00 (2006.01)
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 (21) 2021318836 (22) 27.07.2021
 (54) Insect control composition
 (51) Int. Cl.
A01N 25/04 (2006.01)
A01N 25/30 (2006.01)
A01N 27/00 (2006.01)
A01N 31/02 (2006.01)
A01N 31/08 (2006.01)
A01N 37/06 (2006.01)
A01N 43/90 (2006.01)
A01N 49/00 (2006.01)
A01N 65/22 (2009.01)
A01N 65/28 (2009.01)
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A01P 7/00 (2006.01)
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 (11) AU-A-2021342159
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 (54) Identification and production of antigen-specific antibodies
 (51) Int. Cl.
C07K 16/00 (2006.01)
A01K 67/027 (2006.01)
C07K 16/28 (2006.01)
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C12Q 1/6872 (2018.01)
G16B 30/10 (2019.01)
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 (11) AU-A-2021315806
 (21) 2021315806 (22) 30.07.2021
 (54) Method for the pretreatment of a biofuel feedstock
 (51) Int. Cl.
C10G 3/00 (2006.01)
C10G 17/04 (2006.01)
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- C10G 19/02* (2006.01)
C10G 25/06 (2006.01)
C10G 31/10 (2006.01)
C10G 53/10 (2006.01)
C10G 53/12 (2006.01)
C11B 3/04 (2006.01)
C11B 3/06 (2006.01)
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 (21) 2021298870 (22) 01.07.2021
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C07K 14/075 (2006.01)
C12N 15/861 (2006.01)
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 (21) 2021306313 (22) 08.07.2021
 (54) Vertebral denervation in conjunction with vertebral fusion
 (51) Int. Cl.
A61B 17/16 (2006.01)
A61B 18/14 (2006.01)
A61M 5/32 (2006.01)
A61M 25/06 (2006.01)
A61M 29/00 (2006.01)
A61N 7/02 (2006.01)
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 (54) Furniture construction
 (51) Int. Cl.
F16B 12/12 (2006.01)
A47C 5/12 (2006.01)
A47C 5/14 (2006.01)
A47C 7/16 (2006.01)
A47C 17/86 (2006.01)
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A47C 31/00 (2006.01)
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 (21) 2021331184 (22) 26.08.2021
 (54) Vessel support system
 (51) Int. Cl.
B66C 11/14 (2006.01)
B66C 17/20 (2006.01)
C08J 11/10 (2006.01)
 (87) WO2022/046986
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 (54) Solid inert residue (SIR) dryer and extractor system
 (51) Int. Cl.
C10B 45/00 (2006.01)
C10B 5/00 (2006.01)
C10B 49/02 (2006.01)
 (87) WO2022/046992
 (31) 63/071,407 (32) 28.08.20 (33) US 17/411,836 25.08.21 US
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 (74) AJ PARK
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- (71) Res Polyflow LLC
 (11) AU-A-2021333767
 (21) 2021333767 (22) 26.08.2021
 (54) A helical stirring system for a plastic conversion vessel
 (51) Int. Cl.
C10B 53/07 (2006.01)
C10G 1/00 (2006.01)
C10G 1/10 (2006.01)
C10G 69/06 (2006.01)
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 (31) 63/071,404 (32) 28.08.20 (33) US 17/411,811 25.08.21 US
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 (11) AU-A-2021335231
 (21) 2021335231 (22) 26.08.2021
 (54) Plastic conversion feed system
 (51) Int. Cl.
B01J 29/40 (2006.01)
B01J 29/80 (2006.01)
B01J 29/82 (2006.01)
 (87) WO2022/046984
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STRONG, Laura Christine
(74) AJ PARK

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(54) Compositions and methods for treating metabolic dysregulation
(51) Int. Cl.
A61P 3/00 (2006.01)
A61K 45/06 (2006.01)
A61P 3/04 (2006.01)
A61P 3/06 (2006.01)
(87) WO2022/032077
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(72) SWEETNAM, Paul; KELLER, Eric, L.
(74) RnB IP Pty Ltd

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(21) 2021307676 **(22)** 11.03.2021
(54) Magnetic separators with stationary magnetic matrices, and methods of using the same
(51) Int. Cl.
B01L 3/00 (2006.01)
B03C 1/01 (2006.01)
B03C 1/033 (2006.01)
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(72) RIBEIRO, Cláudio Henrique Teixeira; RIBEIRO, José Pancrácio
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(54) Protective face mask
(51) Int. Cl.
A41D 13/11 (2006.01)
A62B 18/02 (2006.01)
A62B 23/06 (2006.01)
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(31) 63/103,125 **(32)** 17.07.20 **(33)** US
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(74) Adams Pluck

(71) Rohm and Haas Company
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(54) Aqueous mixture of an alkoxylate amine and a rheology modifier
(51) Int. Cl.
A01N 25/30 (2006.01)
A01N 33/08 (2006.01)
A01P 1/00 (2006.01)
A01P 3/00 (2006.01)
(87) WO2022/031444
(31) 63/062,110 **(32)** 06.08.20 **(33)** US

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(74) Maxwells Patent & Trade Mark Attorneys Pty Ltd

(71) Royal Melbourne Institute of Technology
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(21) 2021325575 **(22)** 10.08.2021
(54) Stimulating cellular production of exosomes
(51) Int. Cl.
C12N 13/00 (2006.01)
A61K 31/00 (2006.01)
A61K 35/00 (2006.01)
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(72) AMBATTU, Lizebona August; RAMESAN, Shwathy; YEO, Leslie
(74) FB Rice Pty Ltd

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(11) AU-A-2021308575
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(54) Acidified fertilizer granules
(51) Int. Cl.
C05B 19/00 (2006.01)
C05C 11/00 (2006.01)
C05D 1/00 (2006.01)
C05G 3/40 (2020.01)
C05G 5/12 (2020.01)
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(54) Mining machine with a support structure for measurement sensors
(51) Int. Cl.
E21C 27/30 (2006.01)
E21C 35/08 (2006.01)
E21C 35/24 (2006.01)
G05D 1/02 (2020.01)
(87) WO2022/057999
(43) 24.03.2022
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(21) 2021302718 **(22)** 02.07.2021
(54) FGFR1/KLB targeting agonistic antigen-binding proteins and conjugates thereof with GLP-1R agonistic peptides
(51) Int. Cl.
C07K 16/28 (2006.01)
A61P 3/00 (2006.01)

A61P 3/04 (2006.01)
A61P 3/10 (2006.01)
A61K 39/00 (2006.01)
(87) WO2022/003169
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(74) Griffith Hack

(71) Sayfa R&D Pty Ltd
(11) AU-A-2022283695
(21) 2022283695 **(22)** 10.08.2022
(54) A fall protection safety rail system
(51) Int. Cl.
A62B 35/00 (2006.01)
E04G 21/32 (2006.01)
(31) 2021902519 **(32)** 13.08.21 **(33)** AU
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(72) VOSS, Murray; VOSS, Barry
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(11) AU-A-2021318533
(21) 2021318533 **(22)** 28.07.2021
(54) System and methodology for mixing materials at a wellsite
(51) Int. Cl.
B01F 25/30 (2022.01)
B01F 23/50 (2022.01)
B01F 35/00 (2022.01)
(87) WO2022/026513
(31) 63/057,365 **(32)** 28.07.20 **(33)** US
(43) 03.02.2022
(72) KEILERS, Adam Ethan; SHEN, Christopher Todd
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(21) 2021322097 **(22)** 03.08.2021
(54) Systems and methods for processing produced oilfield brine
(51) Int. Cl.
E21B 43/24 (2006.01)
E21B 43/12 (2006.01)
E21B 43/14 (2006.01)
(87) WO2022/031649
(31) 63/060,500 **(32)** 03.08.20 **(33)** US
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(43) 10.02.2022
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(74) Griffith Hack

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(11) AU-A-2021301224
(21) 2021301224 **(22)** 29.06.2021
(54) Hermetically sealed enclosure and method for the production thereof
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B81C 1/00 (2006.01)
B23K 26/20 (2014.01)
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 (51) Int. Cl.
G01F 23/00 (2022.01)
A01K 7/00 (2006.01)
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 (74) FPA Patent Attorneys Pty Ltd
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 (54) Pharmaceutical composition and use thereof
 (51) Int. Cl.
A61K 31/704 (2006.01)
A61K 31/36 (2006.01)
A61K 31/575 (2006.01)
A61K 31/7032 (2006.01)
A61P 1/16 (2006.01)
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 (11) AU-A-2021302213
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 (54) Oxadiazole compound, preparation method therefor, pharmaceutical composition and use thereof
 (51) Int. Cl.
C07D 413/14 (2006.01)
A61K 31/4245 (2006.01)
A61P 3/00 (2006.01)
C07D 271/06 (2006.01)
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A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
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 (54) Compound for targeting and degrading protein, and preparation method therefor and use thereof
 (51) Int. Cl.
C07D 471/10 (2006.01)
A61K 31/513 (2006.01)
A61P 1/02 (2006.01)
A61P 1/16 (2006.01)
A61P 3/00 (2006.01)
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A61P 7/04 (2006.01)
A61P 9/00 (2006.01)
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C07D 239/22 (2006.01)
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C07D 403/12 (2006.01)
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 (54) Stable cell lines for inducible production of rAAV virions
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C12N 7/02 (2006.01)
C12N 15/85 (2006.01)
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 (54) Surface cleaning apparatus
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A47L 9/10 (2006.01)
A47L 9/12 (2006.01)
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 (54) Method for preparing isoxazoline-containing uracil compound intermediates
 (51) Int. Cl.
C07D 413/10 (2006.01)
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 (74) Madderns Pty Ltd
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 (11) AU-A-2021303830
 (21) 2021303830 (22) 07.07.2021
 (54) A personal care device
 (51) Int. Cl.
A61F 6/04 (2006.01)
A61F 5/41 (2006.01)
A61H 19/00 (2006.01)
 (87) WO2022/009226
 (31) 202021000672 (32) 07.07.20 (33) IN
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 (74) KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD
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 (54) Microlens arrangement and micro-optical device
 (51) Int. Cl.
G02B 7/02 (2021.01)
G02B 19/00 (2006.01)
 (87) WO2022/043032
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 (21) 2021329227 (22) 21.07.2021
 (54) Systems and methods for HVAC equipment predictive maintenance using machine learning
 (51) Int. Cl.
G05B 23/02 (2006.01)
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 (21) 2021333244 (22) 24.08.2021
 (54) Compressed-air supply arrangement for a train assembly
 (51) Int. Cl.
B60T 11/32 (2006.01)
B60T 13/26 (2006.01)
B60T 13/36 (2006.01)
B60T 17/02 (2006.01)
B60T 17/04 (2006.01)
B60T 17/22 (2006.01)
F16K 17/02 (2006.01)
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 (21) 2021321433 (22) 04.08.2021
 (54) Heteroaryl and heterocyclyl compounds
 (51) Int. Cl.
A61K 31/519 (2006.01)
A61K 45/06 (2006.01)
C07D 471/04 (2006.01)
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 (54) Chimeric proteins and methods of use for treatment of central nervous system disorders
 (51) Int. Cl.
A61K 38/00 (2006.01)
C12N 15/62 (2006.01)
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- (71) Smartsnugg IP Pty Ltd
 (11) AU-A-2021306422
 (21) 2021306422 (22) 06.07.2021
 (54) Sleeping bag blanket
 (51) Int. Cl.
A41B 13/06 (2006.01)
A47D 15/02 (2006.01)
A47G 9/08 (2006.01)
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 (72) HEARSCH, Matthew; FRENCH, Simon
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 (11) AU-A-2021348257
 (21) 2021348257 (22) 28.09.2021
 (54) Compositions and methods for increasing stem cell function
 (51) Int. Cl.
C12N 5/0789 (2010.01)
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 (31) 20198620.5 (32) 28.09.20 (33) EP
 (43) 31.03.2022
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 (54) Compositions and methods for increasing stem cell function
 (51) Int. Cl.
C12N 5/0789 (2010.01)
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 (54) Foaming ingredient
 (51) Int. Cl.
A23C 11/02 (2006.01)
A23C 11/10 (2021.01)
A23J 3/14 (2006.01)
A23L 9/20 (2016.01)
A23P 10/40 (2016.01)
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 (54) Compositions and methods using xanthan gum to stabilize at least one urolithin in an aqueous matrix
 (51) Int. Cl.
A23L 2/39 (2006.01)
A23L 2/02 (2006.01)
A23L 2/52 (2006.01)
A23L 33/10 (2016.01)
A61K 9/10 (2006.01)
A61K 31/37 (2006.01)
A61K 47/36 (2006.01)
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 (74) Spruson & Ferguson
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 (54) Foundation machine equipped with a system for the recognition of a human figure
 (51) Int. Cl.
E02D 7/22 (2006.01)
E02D 5/56 (2006.01)
E02D 13/06 (2006.01)
E02F 3/06 (2006.01)
E21B 7/02 (2006.01)
G06F 18/00 (2023.01)
G06N 3/08 (2006.01)
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 (43) 03.02.2022
 (72) FONTANA, Pietro; BALSAMINI, Guglielmo; BERARDI, Luca
 (74) Davies Collison Cave Pty Ltd
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- (71) Somero Enterprises, Inc.
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 (54) Concrete screeding machine for tilt-up panels
 (51) Int. Cl.
B28B 19/00 (2006.01)
E01C 19/15 (2006.01)
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 C08L 3/00 (2006.01)
 C09D 101/02 (2006.01)
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 G01V 3/08 (2006.01)
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H04W 64/00 (2009.01)
G01S 5/14 (2006.01)
H04W 4/02 (2018.01)
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A61K 31/52 (2006.01)
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C07D 473/02 (2006.01)
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A01N 1/02 (2006.01)
A61B 17/43 (2006.01)
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A61P 37/04 (2006.01)
C07K 14/005 (2006.01)
C07K 14/08 (2006.01)
C07K 14/165 (2006.01)
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C07D 401/06 (2006.01)
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A01G 13/10 (2006.01)
A01M 1/02 (2006.01)
A01M 1/18 (2006.01)
A01M 3/04 (2006.01)
A01M 23/00 (2006.01)
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C09K 23/16 (2022.01)
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A01M 29/12 (2011.01)
B05B 1/00 (2006.01)
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 constructs for gene therapy applications
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- (71)** THE TRUSTEES OF THE UNI-
 VERSITY OF PENNSYLVANIA
(11) AU-A-2021325954
(21) 2021325954 **(22)** 13.08.2021
(54) Novel AAV capsids and compositions
 containing same
(51) Int. Cl.
A61K 48/00 (2006.01)
C12N 15/86 (2006.01)
(87) WO2022/036220
(31) 63/109,734 **(32)** 04.11.20 **(33)** US
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(43) 17.02.2022
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 Kalyani; WANG, Qiang; SIDRANE,
 Jenny A.; MARTINO, Richard Alexan-
 der
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- (71)** THE UNIVERSITY OF QUEENSLAND
(11) AU-A-2021322841
(21) 2021322841 **(22)** 03.08.2021
- (54)** Multi-modal antenna
(51) Int. Cl.
H01Q 21/06 (2006.01)
G01R 33/28 (2006.01)
H01Q 1/52 (2006.01)
H01Q 5/307 (2015.01)
(87) WO2022/027095
(31) 2020902725 **(32)** 04.08.20 **(33)** AU
(43) 10.02.2022
(72) LIU, Feng; CROZIER, Stuart; LI, Mingy-
 an; WEBER, Ewald; DESTRUDEL,
 Aurélien; JIN, Jin
(74) Davies Collison Cave Pty Ltd
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- (71)** The University of Rochester
(11) AU-A-2021311811
(21) 2021311811 **(22)** 23.07.2021
(54) Inhibitors of interleukin-1 receptor-asso-
 ciated kinases 1 and 4
(51) Int. Cl.
C07D 231/12 (2006.01)
A61K 31/415 (2006.01)
A61P 35/00 (2006.01)
A61P 37/00 (2006.01)
C07D 401/04 (2006.01)
(87) WO2022/020661
(31) 63/055,970 **(32)** 24.07.20 **(33)** US
(43) 27.01.2022
(72) BECKER, Michael; SINGH, Rakesh;
 MOORE, Richard; CALVI, Laura
(74) IP Flourish
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- (71)** The University of Western Australia
(11) AU-A-2021327085
(21) 2021327085 **(22)** 20.08.2021
(54) Peptides for use in the treatment or pre-
 vention of myocardial damage
(51) Int. Cl.
C07K 7/08 (2006.01)
A61K 38/00 (2006.01)
A61K 38/10 (2006.01)
A61P 9/10 (2006.01)
C07K 14/16 (2006.01)
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(31) 2020902986 **(32)** 21.08.20 **(33)** AU
(43) 24.02.2022
(72) HOOL, Livia
(74) WRAYS PTY LTD
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- (71)** Thomas Jefferson University
(11) AU-A-2021306342
(21) 2021306342 **(22)** 09.07.2021
(54) Systems and methods for motor func-
 tion facilitation
(51) Int. Cl.
A61B 5/00 (2006.01)
(87) WO2022/011260
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(43) 13.01.2022
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 Alessandro
(74) RnB IP
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- (71)** Thuja Innovations Inc.
(11) AU-A-2021341343
(21) 2021341343 **(22)** 09.09.2021
(54) Thermal comfort wheelchair backrest

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A47C 7/74 (2006.01)
A61G 5/10 (2006.01)
A61G 5/12 (2006.01)
B62K 5/00 (2013.01)
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- (71) Toho Titanium Co.,Ltd.
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(21) 2021350813 (22) 17.08.2021
(54) Titanium-based porous body and method for producing titanium-based porous body
(51) Int. Cl.
C22C 14/00 (2006.01)
B22F 3/11 (2006.01)
C22C 1/08 (2006.01)
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(31) 2020-162508 (32) 28.09.20 (33) JP
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(72) INOUE, Yosuke; TSUMAGARI, Shougo
(74) FB Rice Pty Ltd
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- (71) T-ONE THERAPEUTICS S.R.L.
(11) AU-A-2021307106
(21) 2021307106 (22) 19.07.2021
(54) Inhibitors of LINE1 and uses thereof
(51) Int. Cl.
C12N 15/113 (2010.01)
A61K 31/7088 (2006.01)
A61P 35/00 (2006.01)
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(72) BODEGA, Beatrice; MARASCA, Federica
(74) AJ PARK
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(21) 2021326016 (22) 16.08.2021
(54) Motion based pre-processing of two-dimensional image data prior to three-dimensional object tracking with virtual time synchronization
(51) Int. Cl.
G06T 7/11 (2017.01)
G06T 7/136 (2017.01)
G06T 7/174 (2017.01)
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(72) FORSGREN, Daniel; NORHEIM, Stein
(74) RnB IP Pty Ltd
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- (71) Tosk, Inc.
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(21) 2021306230 (22) 02.07.2021
(54) Uridine phosphorylase inhibitors to treat or prevent pulmonary disease
(51) Int. Cl.
A61K 31/519 (2006.01)
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- (71) Touchpad Pro Foundation Inc
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(21) 2021315855 (22) 23.07.2021
(54) Tactile drawing and writing apparatus for the visually impaired
(51) Int. Cl.
G09B 21/00 (2006.01)
G09F 9/305 (2006.01)
G09F 9/37 (2006.01)
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- (71) Transluminal Systems, LL
(11) AU-A-2021322623
(21) 2021322623 (22) 02.08.2021
(54) Devices and methods for trans-arterial osmotic embolization of pathological tissue
(51) Int. Cl.
A61M 5/168 (2006.01)
A61M 5/00 (2006.01)
A61M 5/14 (2006.01)
A61M 5/142 (2006.01)
A61M 5/172 (2006.01)
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(72) PILE-SPPELLMAN, John; CHOI, Jae H.
(74) RnB IP Pty Ltd
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- (71) Tugdock Limited
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(21) 2021316860 (22) 26.07.2021
(54) Inflatable vessel
(51) Int. Cl.
B63B 22/24 (2006.01)
B63B 7/08 (2020.01)
B63B 35/34 (2006.01)
B63B 35/42 (2006.01)
B63C 1/02 (2006.01)
B65D 88/16 (2006.01)
G01M 5/00 (2006.01)
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(74) Collison & Co
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- (71) TUNAP GmbH & Co. KG; OECOPAC GRUNERT VERPACKUNGEN GmbH
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(21) 2021311780 (22) 27.05.2021
(54) Cap made of paper
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B65D 41/18 (2006.01)
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(21) 2021365544 (22) 05.10.2021
(54) Dry pipe manifold systems and methods
(51) Int. Cl.
A62C 35/62 (2006.01)
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(74) Spruson & Ferguson
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(11) AU-A-2021368162
(21) 2021368162 (22) 26.10.2021
(54) Controlled system and methods of storage structure fire protection
(51) Int. Cl.
A62C 3/00 (2006.01)
A62C 37/40 (2006.01)
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(87) WO2022/090941
(31) 63/106,987 (32) 29.10.20 (33) US
(43) 05.05.2022
(72) DENUNZIO, Cassandra Lyn; PENA, Pedriant; SILVA Jr., Manuel R.
(74) Spruson & Ferguson
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- (71) Tyk Medicines, Inc.
(11) AU-A-2021311686
(21) 2021311686 (22) 26.07.2021
(54) Compound useful as CDK7 kinase inhibitor and use thereof
(51) Int. Cl.
C07D 401/14 (2006.01)
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(72) HOFMANN, André; HAUPTMANN, Marek; GRUNERT, Jochen; HEROLD, Steffen
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- (71) Twelve Benefit Corporation
(11) AU-A-2021322122
(21) 2021322122 (22) 03.08.2021
(54) System and method for carbon dioxide reactor control
(51) Int. Cl.
C25B 9/23 (2021.01)
C07C 1/04 (2006.01)
C08G 64/00 (2006.01)
C25B 1/23 (2021.01)
C25B 1/34 (2006.01)
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(31) 63/060,583 (32) 03.08.20 (33) US
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A61K 31/675 (2006.01)
A61P 3/00 (2006.01)
A61P 9/00 (2006.01)
A61P 29/00 (2006.01)
A61P 31/00 (2006.01)
A61P 35/00 (2006.01)
A61P 35/02 (2006.01)
A61P 37/02 (2006.01)
C07D 403/14 (2006.01)
C07D 413/14 (2006.01)
C07D 487/04 (2006.01)
C07F 9/6558 (2006.01)
C07F 9/6561 (2006.01)
C07F 9/6568 (2006.01)
C07F 9/6574 (2006.01)
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(43) 27.01.2022
(72) LI, Jun; LIANG, Apeng; WU, Yusheng;
DONG, Shengli; LI, Meihua; NIU,
Chengshan
(74) FPA Patent Attorneys Pty Ltd
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- (71) UBIQ Technology Pty Ltd
(11) AU-A-2021326004
(21) 2021326004 (22) 12.08.2021
(54) High durability magnesium oxychloride
cement
(51) Int. Cl.
C04B 28/32 (2006.01)
C04B 18/08 (2006.01)
C04B 22/16 (2006.01)
C04B 111/27 (2006.01)
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(43) 17.02.2022
(72) PULHAM, Mark; SOE, Khin Thandar;
GUO, Ying Ying; ZHANG, Sarah
(74) Franke Hyland Pty Ltd
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- (71) UCB Biopharma SRL
(11) AU-A-2021325717
(21) 2021325717 (22) 11.08.2021
(54) Gene therapy using nucleic acid con-
structs comprising methyl CpG binding
protein 2 (MeCP2) promoter sequences
(51) Int. Cl.
A61K 48/00 (2006.01)
A61K 38/00 (2006.01)
A61P 25/28 (2006.01)
C07K 14/47 (2006.01)
C12N 15/67 (2006.01)
C12N 15/79 (2006.01)
C12N 15/86 (2006.01)
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(31) 63/064,431 (32) 12.08.20 (33) US
(43) 17.02.2022
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Toshal Rohit; DOWNEY, Patrick Mark;
SHRIVASTAVA, Amulya Nidhi
(74) Griffith Hack
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- (71) UCL Business Ltd
(11) AU-A-2021309559
(21) 2021309559 (22) 15.07.2021
- (54) Gene therapy for neuromuscular and
neuromotor disorders
(51) Int. Cl.
C12N 15/861 (2006.01)
A61K 48/00 (2006.01)
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(31) 2010981.5 (32) 16.07.20 (33) GB
(43) 20.01.2022
(72) BROWNSTONE, Robert Morris; MUR-
RAY, Andrew John
(74) AJ PARK
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- (71) Unger Marketing International, LLC
(11) AU-A-2021372519
(21) 2021372519 (22) 29.10.2021
(54) Extendable cleaning tool
(51) Int. Cl.
A47L 1/06 (2006.01)
A46B 5/00 (2006.01)
A47L 1/08 (2006.01)
A47L 13/10 (2006.01)
A47L 13/20 (2006.01)
A47L 13/22 (2006.01)
A47L 13/23 (2006.01)
A47L 13/26 (2006.01)
B08B 1/00 (2006.01)
- (87) WO2022/094168
(31) 63/107,576 (32) 30.10.20 (33) US
(43) 05.05.2022
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SIEMS, Cristian; HUDA, Stephen P.;
PATTERSON, Joseph K.
(74) Michael Buck IP
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- (71) Unique Fine Fabrics Import Inc.
(11) AU-A-2021314583
(21) 2021314583 (22) 29.07.2021
(54) Mounting system and method of use
(51) Int. Cl.
A47H 1/144 (2006.01)
F16B 5/00 (2006.01)
- (87) WO2022/020964
(31) 16/941,682 (32) 29.07.20 (33) US
(43) 03.02.2022
(72) KO, Hou Sheng
(74) Halfords IP
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- (71) Universitat Pompeu Fabra
(11) AU-A-2021314804
(21) 2021314804 (22) 26.07.2021
(54) Computer implemented method for pro-
cessing structured data
(51) Int. Cl.
G06N 3/04 (2006.01)
G06N 3/08 (2006.01)
- (87) WO2022/023245
(31) 20382676.3 (32) 27.07.20 (33) EP
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(72) BERTALMÍO BARATE, Marcelo José;
GÓMEZ VILLA, Alexander; MARTÍN
FERNÁNDEZ, Adrián; VÁZQUEZ COR-
RAL, Javier
(74) Collison & Co
-
- (71) Universite de Montpellier; Institut Na-
tional de la Sante et de la Recherche
Medicale (INSERM); Centre Hospitali-
er Universitaire de Montpellier (CHUM);
ICM (Institut de Cancerologie de Mont-
pellier)
- (11) AU-A-2021316729
(21) 2021316729 (22) 02.08.2021
(54) Armed NK cells for universal cell ther-
apy
(51) Int. Cl.
A61K 35/17 (2015.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C07K 16/32 (2006.01)
C12N 5/0783 (2010.01)
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Christian; ROBERT, Bruno; MAR-
TINEAU, Pierre; HERNANDEZ, Fran-
cisco Javier; PRESUMEY, Jessy
(74) Spruson & Ferguson
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- (71) University of Iowa Research Founda-
tion
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(21) 2021315460 (22) 16.07.2021
(54) Compositions for treating a hyperprolif-
erative disorder with a GSH synthesis
inhibitor and an anti-cancer composition
(51) Int. Cl.
A61K 31/19 (2006.01)
A61K 31/192 (2006.01)
A61K 31/437 (2006.01)
A61K 31/4706 (2006.01)
A61K 31/66 (2006.01)
A61K 39/00 (2006.01)
A61K 45/06 (2006.01)
A61P 35/00 (2006.01)
- (87) WO2022/026210
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(72) SCHULTZ, Michael B.; KAPOOR,
Somya; SPITZ, Douglas R.
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- (71) University of Massachusetts
(11) AU-A-2021308657
(21) 2021308657 (22) 16.07.2021
(54) Conjugated oligonucleotides for tissue
specific delivery
(51) Int. Cl.
A61K 31/7088 (2006.01)
A61K 31/713 (2006.01)
A61K 48/00 (2006.01)
C12N 15/11 (2006.01)
C12N 15/113 (2010.01)
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nabelle
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- (71) UPL Corporation Limited; UPL do Brasil
Industria e Comercio de Insumos Agro-
pecuarios S.A..
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(21) 2021302687 (22) 02.07.2021
(54) Super absorbent polymeric foam

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A01G 24/48 (2018.01)
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GILDO OLIVEIRA, Gilson Aparecido;
MARCANDALLI, Luiz Henrique
(74) Churchill Attorneys
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- (71) Ushur, Inc.
(11) AU-A-2021328483
(21) 2021328483 (22) 19.08.2021
(54) System and method to extract inform-
ation from unstructured image docu-
ments
- (51) Int. Cl.
G06K 7/10 (2006.01)
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NUDDIN, Shaik Kamran; SHAMANNA,
Vijayendra Mysore; PETER, Henry
Thomas; SADASIVA, Simha
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neys Pty Ltd
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- (71) Vallourec Oil and Gas France
(11) AU-A-2021319786
(21) 2021319786 (22) 28.07.2021
(54) Securing system intended to secure a
cable to a tube
- (51) Int. Cl.
E21B 17/02 (2006.01)
E21B 17/10 (2006.01)
- (87) WO2022/028985
(31) 20189906.9 (32) 06.08.20 (33) EP
(43) 10.02.2022
(72) VANNETZEL, Maxime; BRODIE,
Alastair John
(74) Griffith Hack
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- (71) Vallourec Oil and Gas France
(11) AU-A-2021319787
(21) 2021319787 (22) 28.07.2021
(54) Drifting device and method for tubular
goods
- (51) Int. Cl.
F16L 55/32 (2006.01)
F16B 1/00 (2006.01)
F16L 55/40 (2006.01)
G01B 11/02 (2006.01)
G01B 11/12 (2006.01)
G01S 17/48 (2006.01)
G01S 17/87 (2020.01)
G01S 17/88 (2006.01)
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(72) KLING E SILVA, Lucas; PETIT,
Sébastien; BRODIE, Alastair; WIL-
BERT, Nicolas; MEDEIROS, Nestor
(74) Griffith Hack
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- (71) Vallourec Oil and Gas France
(11) AU-A-2021322676
(21) 2021322676 (22) 28.07.2021
(54) Internal inspection device for determin-
ing a length of a tubular good
- (51) Int. Cl.
F16L 55/26 (2006.01)
F16L 55/32 (2006.01)
G01B 21/14 (2006.01)
G01B 11/12 (2006.01)
F16L 101/30 (2006.01)
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(31) 20189459.9 (32) 04.08.20 (33) EP
(43) 10.02.2022
(72) KLING E SILVA, Lucas; PETIT,
Sébastien; BRODIE, Alastair; WIL-
BERT, Nicolas; MEDEIROS, Nestor
(74) Griffith Hack
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(11) AU-A-2021323356
(21) 2021323356 (22) 28.07.2021
(54) Securing system intended to secure a
cable to a tube
- (51) Int. Cl.
E21B 17/02 (2006.01)
E21B 17/10 (2006.01)
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(31) 20189903.6 (32) 06.08.20 (33) EP
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(72) BRODIE, Alastair John; VANNETZEL,
Maxime
(74) Griffith Hack
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- (71) Vascular Perfusion Solutions, Inc.
(11) AU-A-2021306319
(21) 2021306319 (22) 08.07.2021
(54) Reciprocating pressure perfusion sys-
tem and methods
- (51) Int. Cl.
A01N 1/02 (2006.01)
- (87) WO2022/011145
(31) 63/049,217 (32) 08.07.20 (33) US
(43) 13.01.2022
(72) JESSOP, Israel
(74) Davies Collison Cave Pty Ltd
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- (71) Vaztec Engine Venture, LLC
(11) AU-A-2021329294
(21) 2021329294 (22) 17.08.2021
(54) Head assembly with rotary valves for
an internal combustion engine
- (51) Int. Cl.
F01L 7/02 (2006.01)
F01L 7/16 (2006.01)
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support structure
- (51) Int. Cl.
H02S 20/00 (2014.01)
- (87) WO2022/029107
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- (71) Vecor IP Holdings Limited
(11) AU-A-2021325373
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(54) Process for preparing whitened fly ash
- (51) Int. Cl.
B07B 1/00 (2006.01)
B03B 9/04 (2006.01)
B03C 1/32 (2006.01)
B07B 15/00 (2006.01)
C04B 14/00 (2006.01)
C04B 18/08 (2006.01)
C08K 3/013 (2018.01)
C08K 9/00 (2006.01)
- (87) WO2022/034214
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N.; MISA, John Vincen, Adap
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- (71) VENTUROS INC.
(11) AU-A-2021307415
(21) 2021307415 (22) 13.07.2021
(54) Farmed fish tracking and verification
system
- (51) Int. Cl.
G08B 23/00 (2006.01)
- (87) WO2022/015761
(31) 63/050,995 (32) 13.07.20 (33) US
(43) 20.01.2022
(72) MIKALSEN, Terje Ernest
(74) FB Rice Pty Ltd
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- (71) Vertex Pharmaceuticals Incorporated
(11) AU-A-2021315814
(21) 2021315814 (22) 30.07.2021
(54) In vitro differentiation of pancreatic en-
docrine cells
- (51) Int. Cl.
C12N 5/071 (2010.01)
- (87) WO2022/026933
(31) 63/059,563 (32) 31.07.20 (33) US
(43) 03.02.2022
(72) HARB, George; XIE, Chunhui
(74) Griffith Hack
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- (71) Vertex Pharmaceuticals Incorporated
(11) AU-A-2021319209
(21) 2021319209 (22) 30.07.2021
(54) Differentiation of pancreatic endocrine
cells
- (51) Int. Cl.
C12N 5/071 (2010.01)
C07K 14/475 (2006.01)
- (87) WO2022/026932
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- (71) VeyeZER LLC.
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(54) Holographic real space refractive system
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A61B 5/378 (2021.01)
A61B 3/032 (2006.01)
A61B 3/08 (2006.01)
A61B 5/369 (2021.01)
A61B 5/377 (2021.01)
G02B 27/01 (2006.01)
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(74) Spruson & Ferguson
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- (71) ViaSat, Inc.
(11) AU-A-2021337675
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(54) Beamforming using sparse antenna arrays
(51) Int. Cl.
H04B 7/06 (2006.01)
H04B 7/0452 (2017.01)
H04B 7/0456 (2017.01)
H04B 7/08 (2006.01)
H04W 64/00 (2009.01)
(87) WO2022/051531
(31) 63/075,017 (32) 04.09.20 (33) US
(43) 10.03.2022
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(74) Adams Pluck
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(51) Int. Cl.
H04B 7/06 (2006.01)
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- (71) Vieth, R.
(11) AU-A-2021311492
(21) 2021311492 (22) 22.07.2021
(54) Two-person underwater projectile goal-scoring sport, and equipment therefor
(51) Int. Cl.
A63B 67/00 (2006.01)
A63B 63/00 (2006.01)
A63F 9/02 (2006.01)
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C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
G01N 33/574 (2006.01)
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(74) Davies Collision Cave Pty Ltd
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- (71) Vivo Mobile Communication Co., Ltd.
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(21) 2021319645 (22) 04.08.2021
(54) Multicast Service Receiving Method, Multicast Service Configuration Method, Terminal, and Network-Side Device
(51) Int. Cl.
H04L 12/28 (2006.01)
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(54) Electric grill and smoking device
(51) Int. Cl.
A47J 37/07 (2006.01)
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(74) Minter Ellison
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(54) Methods and systems for efficient sample pooling for diagnostic testing
(51) Int. Cl.
G16H 50/20 (2018.01)
G06N 3/02 (2006.01)
G06N 20/00 (2019.01)
G16H 50/30 (2018.01)
G16H 50/70 (2018.01)
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(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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(21) 2021296856 (22) 23.06.2021
(54) Article carrier and blank therefor
(51) Int. Cl.
B65D 71/58 (2006.01)
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(74) Spruson & Ferguson
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- (71) WestRock Packaging Systems, LLC
(11) AU-A-2021310954
(21) 2021310954 (22) 26.07.2021
(54) Container gripper
(51) Int. Cl.
B65G 47/08 (2006.01)
B65B 21/06 (2006.01)
B65G 47/90 (2006.01)
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(74) Spruson & Ferguson
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- (71) WestRock Packaging Systems, LLC
(11) AU-A-2021311842
(21) 2021311842 (22) 26.07.2021
(54) System and method of grouping of containers
(51) Int. Cl.
B65G 47/08 (2006.01)
B65B 21/06 (2006.01)
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(72) BONNAIN, Jean-Christophe; LIMOUSIN, Frederic; AVRIL, Fabrice; STROHM, Amelie
(74) Spruson & Ferguson
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- (71) WestRock Packaging Systems, LLC
(11) AU-A-2021311843
(21) 2021311843 (22) 26.07.2021
(54) Orientation module
(51) Int. Cl.
B65G 47/244 (2006.01)
B65B 35/58 (2006.01)
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(31) 63/056,260 (32) 24.07.20 (33) US
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 (21) 2021313298 (22) 26.07.2021
 (54) Conveyor system for grouping containers adaptable to various container perimeters
 (51) Int. Cl.
B65G 47/08 (2006.01)
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 (11) AU-A-2021314343
 (21) 2021314343 (22) 26.07.2021
 (54) Smooth handoff of containers using multiple grippers
 (51) Int. Cl.
B65G 47/08 (2006.01)
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 (31) 63/056,093 (32) 24.07.20 (33) US
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- (71) Whoop, Inc.
 (11) AU-A-2021315586
 (21) 2021315586 (22) 29.07.2021
 (54) Pulse shape analysis
 (51) Int. Cl.
G16H 50/30 (2018.01)
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 (74) AJ PARK
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- (71) Wilson, N.
 (11) AU-A-2021294605
 (21) 2021294605 (22) 28.06.2021
 (54) Improved drill bit
 (51) Int. Cl.
E21B 10/55 (2006.01)
E21B 10/08 (2006.01)
E21B 10/20 (2006.01)
E21B 10/43 (2006.01)
E21B 10/56 (2006.01)
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 (43) 30.12.2021
 (72) BROOKS, Nathan Andrew
 (74) Michael Buck IP
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- (71) Woodside Energy Technologies Pty Ltd
 (11) AU-A-2021321459
 (21) 2021321459 (22) 06.08.2021
 (54) Integrated solar hydrogen production module
 (51) Int. Cl.
C25B 1/04 (2021.01)
H01M 10/46 (2006.01)
H02S 40/38 (2014.01)
 (87) WO2022/027109
 (31) 2020902775 (32) 06.08.20 (33) AU
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 (72) JACOBS, Lourens
 (74) Integrated IP
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 (11) AU-A-2021302056
 (21) 2021302056 (22) 24.06.2021
 (54) Crystalline form of heterocyclic compound, preparation method therefor and application thereof
 (51) Int. Cl.
C07D 471/04 (2006.01)
A61K 31/437 (2006.01)
A61P 11/00 (2006.01)
A61P 11/14 (2006.01)
A61P 13/00 (2006.01)
A61P 25/04 (2006.01)
A61P 29/00 (2006.01)
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 (74) FB Rice Pty Ltd
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- (71) Wuhan LL Science and Technology Development Co., Ltd.
 (11) AU-A-2021302090
 (21) 2021302090 (22) 23.06.2021
 (54) Heterocyclic compound and use thereof
 (51) Int. Cl.
C07D 487/04 (2006.01)
A61K 31/4985 (2006.01)
A61P 13/12 (2006.01)
A61P 25/00 (2006.01)
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- (71) Xefco Pty Ltd
 (11) AU-A-2021317066
 (21) 2021317066 (22) 29.07.2021
 (54) Plasma coating with nanomaterial
 (51) Int. Cl.
C23C 4/134 (2016.01)
B05D 1/00 (2006.01)
C09D 5/00 (2006.01)
C23C 4/04 (2006.01)
 (87) WO2022/020900
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- (31) 2020902687 (32) 30.07.20 (33) AU
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 (72) HUSSEY, Thomas; WHITBY, Scott; CHEN, Zhiqiang; VOLPE, Robert; FRANCIJA, John; LEI, Weiwei
 (74) XEFCO PTY LTD
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- (71) XYLEM WATER SOLUTIONS ZELI-ENOPLÉ LLC
 (11) AU-A-2021319077
 (21) 2021319077 (22) 29.07.2021
 (54) Tensioner for lamella settler
 (51) Int. Cl.
B01D 21/00 (2006.01)
 (87) WO2022/026702
 (31) 63/059,357 (32) 31.07.20 (33) US
 17/386,999 28.07.21 US
 (43) 03.02.2022
 (72) DOMINGUEZ MADEIRA, Salvador; SUDAK, Matthew
 (74) WRAYS PTY LTD
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- (71) Yale University
 (11) AU-A-2021325947
 (21) 2021325947 (22) 13.08.2021
 (54) Compositions and methods for engineering and selection of CAR T cells with desired phenotypes
 (51) Int. Cl.
C12N 15/10 (2006.01)
C12N 15/79 (2006.01)
C12N 15/90 (2006.01)
 (87) WO2022/036180
 (31) 63/065,194 (32) 13.08.20 (33) US
 (43) 17.02.2022
 (72) CHEN, Sidi; DAI, Xiaoyun; DU, Yaying; PARK, Jonathan
 (74) RNB IP PTY LTD
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- (71) Zak Mobility Ltd.
 (11) AU-A-2021302812
 (21) 2021302812 (22) 02.07.2021
 (54) A wheel
 (51) Int. Cl.
B60B 9/04 (2006.01)
B60B 9/08 (2006.01)
 (87) WO2022/003369
 (31) 2010231.5 (32) 03.07.20 (33) GB
 (43) 06.01.2022
 (72) PEARCE, Samuel Blackburn
 (74) FB Rice Pty Ltd
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- (71) ZTE Corporation
 (11) AU-A-2021299783
 (21) 2021299783 (22) 11.06.2021
 (54) Access control method, first network node, second network node, and storage medium
 (51) Int. Cl.
H04W 48/08 (2009.01)
H04W 48/16 (2009.01)
 (87) WO2022/001632
 (31) 202010635122.3 (32) 03.07.20 (33) CN
 (43) 06.01.2022
 (72) LIU, Xu; DAI, Bo; SHA, Xiubin
 (74) GLMR

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- (71) ZTE CORPORATION
- (11) AU-A-2020462149
- (21) 2020462149 (22) 06.08.2020
- (54) Valuation for UE assistance information
- (51) Int. Cl.
H04W 24/10 (2009.01)
- (87) WO2022/027449
- (43) 10.02.2022
- (72) FANG, Jianmin; HUANG, He; QIU, Zhi-
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- (74) Pizeys Patent and Trade Mark Attor-
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2020223375	D4D Technologies, LLC	2021300197	CamelBak Products, LLC
2020302833	Airway Medical Innovations Pty Ltd	2021300236	Texas Tech University System; RSI Technology Group, LLC
2020329082	Pivotree Pty Ltd	2021300294	Concert Pharmaceuticals, Inc.
2020358129	STG IP Pty Ltd	2021300304	The Brigham and Women's Hospital, Inc.
2020455613	Ningde Amperex Technology Limited	2021300319	wePool Inc.
2020456269	Hunt, R.	2021300448	Converter Manufacturing, LLC
2020457263	Telefonaktiebolaget LM Ericsson (publ)	2021300450	Kriya Therapeutics, Inc.; Universitat Autònoma de Barcelona
2020458432	Evoqua Water Technologies LLC	2021300577	Agfa-Gevaert NV
2020458708	Rodan Enterprises, LLC; Russikoff, R.	2021300644	Accellta Ltd.
2020458791	MARVELOUS INC.	2021300877	Avid Business Pty Ltd (ACN: 083025003) As Trustee For Cedar Creek Trust
2020460124	KMTC Vortifer Technologies GmbH	2021300957	PINPOINT IDEAS LLC
2020460192	Surcos impact	2021301176	Telefonaktiebolaget LM Ericsson (Publ)
2020460465	Neogen Corporation	2021301211	ICU Medical, Inc.
2020460478	LG Electronics Inc.	2021301224	Schott AG
2020460660	The JVR Trust	2021301244	ARXX Therapeutics AS
2020461087	Huawei Digital Power Technologies Co., Ltd.	2021301328	Emblation Limited
2020461882	Sekisui House, Ltd.	2021301359	Ohio State Innovation Foundation
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2020466445	Embrace Technologies GmbH	2021301388	Johnson & Johnson Consumer Inc.
2020466782	Enza Zaden Beheer B.V.	2021301939	Shenyang Sinochem Agrochemicals R&D Co., Ltd.; Jiangsu Yangnong Chemical Co., Ltd.
2020468174	Sandvik Mining and Construction OY	2021301958	Datang Mobile Communications Equipment Co., Ltd.
2020468490	Halliburton Energy Services, Inc.	2021302056	Wuhan LL Science and Technology Development Co., Ltd.
2020471163	Qualcomm Incorporated	2021302090	Wuhan LL Science and Technology Development Co., Ltd.
2020473286	Halliburton Energy Services, Inc.	2021302154	Fuchs Petrolub SE
2020481642	Halliburton Energy Services, Inc.	2021302213	Shanghai Institute of Materia Medica, Chinese Academy of Sciences
2020481927	Halliburton Energy Services, Inc.	2021302610	Medos International Sarl
2020481933	Halliburton Energy Service, Inc.	2021302687	UPL Corporation Limited; UPL do Brasil Industria e Comercio de Insumos Agropecuarios S.A..
2020483647	Halliburton Energy Services, Inc.	2021302718	Sanofi
2020483809	Halliburton Energy Services, Inc.	2021302767	LG Electronics Inc.
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2021266850	Qingdao Haier Special Refrigerator Co., Ltd; Qingdao Haier Refrigerator Co., Ltd.; Haier Smart Home Co., Ltd.	2021302901	Stuart, W.
2021270948	Qingdao Haier Refrigerator Co., Ltd.; Haier Smart Home Co., Ltd.	2021303000	LG Electronics Inc.
2021290732	Tan, S.	2021303047	Payeli, S.K.
2021290996	Lipp, I.	2021303464	Ontex BV; Ontex Group NV
2021291903	Tan, S.	2021303517	Gtinvent Limited
2021292112	Tan, S.	2021303548	Cargotec Finland Oy
2021294421	Lanarkshire Global LLC	2021303799	CONTERNO & BONA S.R.L.
2021294605	Wilson, N.	2021303830	Shirpurwala, F.A.
2021295370	Malaeb, W.A.	2021304354	Biological Dynamics, Inc.
2021296428	Advanced Architectural Products, LLC	2021304355	AgeneBio, Inc.
2021296633	Anziano, M.	2021304359	Iconic Therapeutics, Inc.
2021296856	WestRock Packaging Systems, LLC	2021304372	Biomolecular Holdings LLC
2021297465	Crescenta Biosciences	2021304420	Interwell P&A AS
2021297550	Australian Lung Health Initiative Pty Ltd	2021304802	Ontex BV; Ontex Group NV
2021297552	Petróleo Brasileiro S.A. - Petrobras	2021304804	Innova Patent GmbH
2021297568	Meso Scale Technologies, LLC.	2021304900	QBD (QS-IP) Limited; Quotient Suisse SA
2021298732	Centre National De La Recherche Scientifique (CNRS); INSERM (Institut National de la Santé et de la Recherche Médicale); Institut Curie; Peter MacCallum Cancer Institute	2021305045	PPG Industries Ohio, Inc.
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2021299464	Allen, T.	2021305336	C° Change Surgical LLC
2021299528	Global Traffic Technologies, LLC	2021305381	Dolby International AB
2021299531	Kodiscovery, LLC	2021305592	Marine Bio Solutions AS
2021299783	ZTE Corporation	2021305654	Progenics Pharmaceutical, Inc
2021299896	Evonik Operations GmbH	2021305674	TerraClear Inc.
2021299938	AGFA-GEVAERT NV	2021305833	AMLAB Pty Ltd
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2021306298	Cyclarity Therapeutics, Inc.	2021310954	WestRock Packaging Systems, LLC
2021306313	RELIEVANT MEDSYSTEMS, INC.	2021311027	Deutsches Krebsforschungszentrum
2021306315	Georgia Tech Research Corporation; University of Louisville Research Foundation, Inc.	2021311081	Nicoventures Trading Limited
2021306319	Vascular Perfusion Solutions, Inc.	2021311107	Caleffi S.p.A.
2021306342	Thomas Jefferson University	2021311430	Huawei Technologies Co., Ltd.
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2021306420	Barton, A.	2021311557	Tecmen Electronics Co., Ltd.
2021306422	Smartsnugg IP Pty Ltd	2021311618	Blue Penny, LLC
2021306531	Hunan Lier Biotech Co., Ltd.	2021311673	Innovent Biologics (Suzhou) Co., Ltd.
2021306561	Kasakewitsch, A.	2021311686	TYK Medicines, Inc.
2021306570	Thermosome GmbH	2021311780	TUNAP GmbH & Co. KG; OECOPAC GRUNERT VER-PACKUNGEN GmbH
2021306597	Institute Of Organic Chemistry and Biochemistry AS CR, V. V. I.	2021311811	The University of Rochester
2021306626	Ontex BV; Ontex Group NV	2021311814	Arjil Biotech Holding Company Limited
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2021306653	Gtinvent Limited	2021311843	WestRock Packaging Systems, LLC
2021306669	DelSiTech Oy	2021311945	Envola GmbH
2021306781	Jiangsu Hengrui Pharmaceuticals Co., Ltd.; Shanghai Hengrui Pharmaceutical Co., Ltd.	2021312054	ProQR Therapeutics II B.V.
2021306961	Kimberly-Clark Worldwide, Inc.	2021312093	HAI Robotics Co., Ltd.
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2021307397	AdvanSix Resins & Chemicals LLC	2021312639	Ortoma AB
2021307398	AdvanSix Resins & Chemicals LLC	2021312699	SWM Luxembourg s.a.r.l.
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2021307516	Shanghai Junshi Biosciences Co., Ltd.; Suzhou Junmeng Biosciences Co., Ltd.	2021312759	Huawei Technologies Co.,Ltd.
2021307676	Ribeiro, C.H.T.; Ribeiro, J.P.	2021312806	Google LLC
2021307774	Consejo Nacional de Investigaciones Científicas y Técnicas (CONICET); Universidad de Buenos Aires; Cold Spring Harbor Laboratory	2021313015	Envola GmbH
2021307924	Amgen Inc.	2021313066	Becton, Dickinson and Company
2021307952	Generation Bio Co.	2021313136	Seer, Inc.
2021308077	Nanophase Technologies Corporation	2021313154	Integrity Implants Inc.
2021308079	OrthoBio Therapeutics Inc.	2021313248	PepsiCo, Inc.
2021308180	AdvanSix Resins & Chemicals LLC	2021313298	WestRock Packaging Systems, LLC
2021308224	Centre for Eye Research Australia Limited	2021313415	Nicoventures Trading Limited
2021308575	SABIC Global Technologies B.V.	2021313607	Prok Conveyor Components Pty Ltd
2021308578	Environmental Biorganic Sciences Corporation	2021313832	Micropore Technologies Limited
2021308586	Pfizer Inc.	2021314026	GET MEE PTY LTD
2021308626	Case Western Reserve University; The United States as Represented by the Department of Veterans Affairs	2021314082	Texas Tech University System
2021308629	PepsiCo, Inc.	2021314122	Baker Hughes Oilfield Operations LLC
2021308657	University of Massachusetts	2021314317	H.J. Heinz Company Brands LLC
2021308671	Canna-Chemistries LLC	2021314343	WestRock Packaging Systems, LLC
2021308673	The Chinese University of Hong Kong	2021314570	Spark3D Pty Ltd
2021308699	Strong Force TX Portfolio 2018, LLC	2021314572	Monash University
2021308797	Davines S.p.A.	2021314583	Unique Fine Fabrics Import Inc.
2021309098	Intercontinental Great Brands LLC	2021314650	LiquidStack Holding B.V
2021309356	Marinomed Biotech AG	2021314759	Laboratoires Vivacy
2021309398	Bimeda Animal Health Limited	2021314804	Universitat Pompeu Fabra
2021309559	UCL Business Ltd	2021314820	I4F Licensing NV
2021309628	AdvanSix Resins & Chemicals LLC	2021314826	MicroA AS
2021309661	Hollister Incorporated	2021314961	Inventio AG
2021309907	Point Biopharma, Inc.	2021314977	Chemo Research, S.L.
2021310000	Beijing Tide Pharmaceutical Co., Ltd.	2021314982	Avacta Life Sciences Limited
2021310118	PepsiCo, Inc.	2021314992	Fundacio Eurecat
2021310128	Photon Vault LLC	2021315047	Pfizer Inc.
2021310164	Qingdao Haier Refrigerator Co., Ltd; Haier Smart Home Co., Ltd.	2021315066	Haulotte Group
2021310224	Hollister Incorporated	2021315148	Goto Concrete Co., Ltd.
2021310228	Shaanxi Giant Biotechnology Co., Ltd	2021315149	Otsuka Pharmaceutical Factory, Inc.
2021310358	Paragon 28, Inc.	2021315381	Celltrion Inc.
2021310470	Ashvattha Therapeutics, Inc.	2021315416	Ecolution.Ag LLC
		2021315458	Caterpillar Inc.
		2021315460	University of Iowa Research Foundation
		2021315472	Pulmonx Corporation
		2021315475	Merck Sharp & Dohme Corp.; Cocrystal Pharma, Inc.
		2021315513	IGM Biosciences, Inc.
		2021315521	Momentive Performance Materials Inc.
		2021315565	New York Air Brake, LLC
		2021315586	Whoop, Inc.

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2021315596	Baker Hughes Oilfield Operations LLC	2021318604	Blastone Technology Pty Ltd
2021315664	Nextracker LLC	2021318608	Suzano S.A.; Fundação Universidade Federal de São Carlos - UFScar
2021315711	Furanwood Co., Ltd.; Kyoto Prefectural Public University Corporation	2021318730	I4F Licensing NV
2021315749	Crown Equipment Corporation	2021318744	I4F Licensing NV
2021315798	Grammarly Inc.	2021318813	I4F Licensing NV
2021315803	Arc Bio, LLC	2021318836	Reckitt & Colman (Overseas) Hygiene Home Limited
2021315806	REG Synthetic Fuels, LLC	2021318908	Fraunhofer-Gesellschaft Zur Förderung Der Angewandten Forschung E.V.; Boehringer Ingelheim Vet-medica GmbH
2021315812	ADARx Pharmaceuticals, Inc	2021318943	Aligos Therapeutics, Inc.
2021315814	Vertex Pharmaceuticals Incorporated	2021318974	Medtronic Minimed, Inc.
2021315855	Touchpad Pro Foundation Inc	2021319013	The Francis Crick Institute Limited
2021315882	Memorial Sloan Kettering Cancer Center	2021319015	Avacta Life Sciences Limited
2021315995	De-Ice Technologies, Inc.	2021319077	XYLEM WATER SOLUTIONS ZELIENOPLE LLC
2021316026	SharkNinja Operating LLC	2021319090	Allergan Pharmaceuticals International Limited
2021316037	Cognito Therapeutics, Inc.; Malchano, Z.; Cimenser, A.; Williams, M.; Hajós, M.	2021319148	Exhalation Technology Limited
2021316053	Kymera Therapeutics, Inc.	2021319150	CAMBRIDGE EPIGENETIX LIMITED
2021316097	GeoQuest Systems B.V.	2021319203	Silver Creek Pharmaceuticals, Inc.
2021316103	Chevron U.S.A. Inc.; The Texas A&M University System	2021319206	The Board of Trustees of the Leland Stanford Junior University
2021316112	Soroush, H.	2021319208	Shape Therapeutics Inc.
2021316114	Soroush, H.	2021319209	Vertex Pharmaceuticals Incorporated
2021316119	AlaMab Therapeutics, Inc.	2021319346	HighChem Co., Ltd; Mohan Co. Ltd
2021316171	Caterpillar Inc.	2021319371	Scott Airway Management Pty Ltd.
2021316211	The Trustees of the University of Pennsylvania	2021319372	Lucas Holdings (Queensland) Pty. Ltd.
2021316231	Board of Regents, The University of Texas System	2021319433	Eavor Technologies Inc.
2021316490	Kraft Foods Schweiz Holding GmbH	2021319440	OssDsign AB
2021316493	Newclip International	2021319450	PERI SE
2021316674	Les Laboratoires Servier; Novartis AG	2021319461	Security Matters Ltd.
2021316727	Institut Curie; INSERM (Institut National de la Santé et de la Recherche Médicale)	2021319645	Vivo Mobile Communication Co., Ltd.
2021316729	Universite de Montpellier; Institut National de la Sante et de la Recherche Medicale (INSERM); Centre Hospitalier Universitaire de Montpellier (CHUM); ICM (Institut de Cancerologie de Montpellier)	2021319714	China Mobile Communication Co., Ltd Research Institute; China Mobile Communications Group Co., Ltd.
2021316749	Airbus Defence and Space SAS	2021319774	Bauer Maschinen GmbH
2021316845	Suez International	2021319786	Vallourec Oil and Gas France
2021316852	Petters, K.	2021319787	Vallourec Oil and Gas France
2021316860	Tugdock Limited	2021319847	Captor Therapeutics S.A.
2021316893	Blupura S.r.l.	2021319950	Meld Gold Pty Ltd
2021316910	Soilmec S.p.A	2021320143	Fike Corporation
2021317020	Diadem S.p.A.	2021320157	Enable Injections, Inc.
2021317066	Xefco Pty Ltd	2021320160	Iconex LLC
2021317082	Haulotte Group	2021320214	Kabushiki Kaisha Toshiba; Toshiba Infrastructure Systems & Solutions Corporation
2021317083	Ayoub, G.; Lam, D.	2021320217	Cytozyme Laboratories, Inc.
2021317173	Fraser, M.	2021320219	Dicerna Pharmaceuticals Inc.
2021317611	Meiji Co., Ltd.	2021320253	Dragonfly Therapeutics, Inc.
2021317613	Meiji Co., Ltd.	2021320254	Athos Therapeutics, Inc.
2021317615	Meiji Co., Ltd.	2021320308	scPharmaceuticals Inc.
2021317642	Caterpillar Sarl	2021320311	Dragonfly Therapeutics, Inc.
2021317737	The Governors of the University of Alberta	2021320344	Crown Equipment Corporation
2021317742	Protective Innovations Pty Ltd	2021320360	National Institute of Advanced Industrial Science and Technology
2021317752	STEMCELL Technologies Canada Inc.	2021320389	Teon Therapeutics, Inc.
2021317755	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	2021320511	Cellionbiomed Inc.; Ewha University-Industry Collaboration Foundation
2021317762	Nokia Technologies Oy	2021320553	Vigil Neuroscience, Inc.
2021317867	Kamei, M.	2021320658	Exelixis, Inc.
2021317947	Daiwa Can Company	2021320738	Kenyon International, Inc.
2021318090	PGG Wrightson Seeds Limited	2021320862	Outset Medical, Inc.
2021318134	Exelixis, Inc.	2021320889	Niagara Bottling, LLC
2021318150	Ferrara Candy Company	2021320890	Inari Medical, Inc.
2021318151	Google LLC	2021320894	BrickBio, Inc.
2021318189	Baker Hughes Oilfield Operations LLC	2021320957	Nippon Chemiphar Co., Ltd.; Takasaki University of Health And Welfare
2021318194	Thermacell Repellents, Inc.	2021321050	Mizkan Holdings Co., Ltd.
2021318211	Mochida Pharmaceutical Co., Ltd.; The University of Tokyo	2021321086	Huvet Bio, Inc.
2021318335	Ecolution.Ag LLC	2021321159	Edwards Lifesciences Corporation
2021318407	Altor Locks, LLC	2021321288	Lindsay Corporation
2021318430	W.C. Bradley Co.	2021321289	Dicerna Pharmaceuticals, Inc.
2021318491	Eli Lilly and Company	2021321321	Hill's Pet Nutrition, Inc.
2021318507	Ecolution.Ag LLC	2021321325	Kount Inc.
2021318533	Schlumberger Technology B.V.	2021321330	Equinor Energy AS
2021318602	Esfam Biotech Pty Ltd		

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2021321331	Resero IP Limited	2021324842	F. Hoffmann-La Roche AG
2021321371	Institut National De Recherche Pour L'agriculture L'alimentation Et L'environnement; Institut des Sciences et Industries du Vivant et de L'environnement	2021324901	Denali Therapeutics Inc.
2021321393	AusMed Global Limited	2021324962	Gel4Med, Inc.
2021321430	Dicerna Pharmaceuticals Inc.	2021324968	Acucela Inc.
2021321433	Sigilon Therapeutics, Inc.	2021324983	Cedars-Sinai Medical Center
2021321458	Meld Gold Pty Ltd	2021325017	Imperative Care, Inc.
2021321459	Woodside Energy Technologies Pty Ltd	2021325087	Aiden Automotive Technologies, Inc.
2021321507	Security Matters Ltd.	2021325149	Iliad Biotechnologies, LLC
2021321539	Response IP Holding Company, LLC	2021325154	Castle Biosciences, Inc.
2021321659	Fujitsu General Limited	2021325316	Essilor International
2021321661	Daikin Industries, Ltd.	2021325349	Kekz GmbH
2021321833	Kangstem Biotech Co., Ltd.	2021325352	Ferton Holding S.A.
2021322000	Caterpillar Inc.	2021325368	Ocado Innovation Limited
2021322002	Rohm and Haas Company	2021325371	Syngenta Crop Protection AG
2021322058	Eurofilters N.V.	2021325373	Vecor IP Holdings Limited
2021322092	OncoCyte Corporation	2021325573	Calix Ltd
2021322097	Schlumberger Technology B.V.	2021325575	Royal Melbourne Institute of Technology
2021322114	Exelixis, Inc.	2021325682	Gel4Med, Inc.
2021322122	Twelve Benefit Corporation	2021325690	Baxter International Inc.; Baxter Healthcare SA
2021322148	Fraunhofer-Gesellschaft zur Förderung der ange- wandten Forschung e.V.	2021325714	Selskabet af 6. April 2010 ApS
2021322183	Exelixis, Inc.	2021325717	UCB Biopharma SRL
2021322190	Biorez, Inc.	2021325793	Fisher & Paykel Healthcare Limited
2021322211	Pulmonx Corporation	2021325947	Yale University
2021322270	SECURED INJURY DEVICES, INC.	2021325954	THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA
2021322289	Long Bridge Medical, Inc.	2021325955	Prolacta Bioscience, Inc.
2021322329	Case Western Reserve University; The United States Government as represented by the Department of Vet- eran Affairs; University of Texas Southwestern Medical Center	2021326002	COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION
2021322409	Daikin Industries, Ltd.	2021326004	UBIQ Technology Pty Ltd
2021322600	Hill's Pet Nutrition, Inc.	2021326016	Topgolf Sweden AB
2021322623	Transluminal Systems, LL	2021326058	AYM Syntex Limited
2021322676	Vallourec Oil and Gas France	2021326289	Ocado Innovation Limited
2021322700	Vecon GmbH	2021326409	Google LLC
2021322736	Nuvamid SA	2021326446	Contech Engineered Solutions LLC
2021322782	Lubrizol Advanced Materials, Inc.	2021326454	Bayer Healthcare LLC
2021322806	Inivata Ltd.	2021326477	Believe Pursue LLC
2021322817	PERI AG	2021326487	PQ SILICA BRAZIL LTDA.; Ribeiro, F.
2021322826	Commonwealth Scientific and Industrial Research Or- ganisation	2021326498	Avery Dennison Retail Information Services, LLC.
2021322827	Hexex Pty Ltd	2021326526	Alexion Pharmaceuticals, Inc.
2021322835	Geonavo Positioning Systems, Inc.	2021326539	Osteal Therapeutics, Inc.
2021322840	Seymour, N.	2021326859	Qingdao Haier Refrigerator Co., Ltd.; Haier Smart Home Co., Ltd.
2021322841	THE UNIVERSITY OF QUEENSLAND	2021327033	Orekinetics Investments Pty Ltd
2021322908	Adiposs SA	2021327081	JLAK Rothwell Pty Ltd
2021322969	Prysmian S.p.A.	2021327085	The University of Western Australia
2021323066	H2PRO LTD; Technion Research and Development Foundation Ltd.	2021327130	Bicycletx Limited
2021323235	InxMed (Nanjing) Co., Ltd.	2021327171	Merck Patent GmbH
2021323245	PharmaBlock Sciences (Nanjing), Inc.	2021327176	AYM Syntex Limited
2021323304	Shanghai Leadingtac Pharmaceutical Co., Ltd.	2021327616	ST Pharm Co., Ltd.
2021323356	Vallourec Oil and Gas France	2021327622	Kanaph Therapeutics Inc.; Korea Research Institute of Chemical Technology
2021323398	Seabery Soluciones SL	2021327741	Neste Oyj
2021323469	Nandigala, H.; Tummuru, M.	2021327756	Georgia Tech Research Corporation
2021323968	HeidelbergCement AG	2021327817	Qingdao Haier Refrigerator Co., Ltd.; Haier Smart Home Co., Ltd.
2021323969	Ocado Innovation Limited	2021327851	Nuclera Nucleics Ltd
2021323975	Syngenta Crop Protection AG	2021328232	Merck Patent GmbH
2021323977	Calix Ltd	2021328270	Nextracker LLC
2021324101	GS-MR Glass And Stone (Machinery and Robotics) UK & Ireland Ltd	2021328384	Quincy Bioscience, LLC
2021324123	Syngenta Crop Protection AG	2021328483	Ushur, Inc.
2021324127	Nicoventures Trading Limited	2021328523	CiDRA Corporate Services LLC.
2021324304	Eurofilters Holding N.V.	2021328547	Laila Nutraceuticals
2021324385	Ocado Innovation Limited	2021328565	NorthStar Medical Radioisotopes, LLC
2021324656	Gel4Med, Inc.	2021328601	CONSTANTIA TOBEPAL S.L.U.
2021324681	Iota Biosciences, Inc.	2021328720	Norton (Waterford) Limited
2021324774	CRANIUS LLC	2021328726	Compass Pathfinder Limited
2021324813	Bayer HealthCare LLC	2021328746	Bennamann Services, Ltd.
2021324839	Spruce Biosciences, Inc.	2021329063	Nicoventures Trading Limited
		2021329064	Nicoventures Trading Limited
		2021329106	Momenta Pharmaceuticals, Inc.
		2021329227	SIEMENS INDUSTRY, INC.
		2021329259	Aligos Therapeutics, Inc.

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2021329294	Vaztec Engine Venture, LLC	2021342648	F. Hoffmann-La Roche AG
2021329312	Brii Biosciences, Inc.	2021342678	Karl Leibinger Medizintechnik GmbH & Co. KG
2021329695	Qingdao Haier Refrigerator Co., Ltd.; Haier Smart Home Co., Ltd.	2021342707	Merck Patent GmbH
2021329836	Nextracker LLC	2021342953	Daikin Industries, Ltd.; Daikin Europe N.V.
2021329840	Longi Green Energy Technology Co., Ltd.	2021343196	Boston Scientific Scimed, Inc.
2021329912	Monsanto Technology LLC	2021343394	Abbott Diabetes Care Inc.
2021329915	The Lubrizol Corporation	2021345417	Boston Scientific Scimed, Inc.
2021329923	Frito-Lay North America, Inc.	2021346233	Novartis AG
2021330052	TCI Co., Ltd.	2021346837	Société des Produits Nestlé S. A.
2021330813	Edwards Lifesciences Corporation	2021346907	Johnson Matthey Davy Technologies Limited
2021330814	Edwards Lifesciences Corporation	2021347762	Johnson Matthey Davy Technologies Limited
2021331184	Res Polyflow LLC	2021348257	Société des Produits Nestlé S.A.; Ludwig Institute for Cancer Research
2021331187	Res Polyflow LLC	2021348347	Johnson Matthey Davy Technologies Limited
2021331245	Siemens Energy Global GmbH & Co. KG	2021349342	Palintest Limited
2021331397	Nicoventures Trading Limited	2021349349	Johnson Matthey Davy Technologies Limited
2021331464	Porex Corporation	2021350472	Société des Produits Nestlé S.A.; Ludwig Institute for Cancer Research
2021331635	P.D. of Miami, Inc.	2021350501	Johnson Matthey Davy Technologies Limited
2021331645	Honeywell International Inc.	2021350628	Liquidpiston, Inc.
2021332035	Innotesto BV	2021350813	Toho Titanium Co.,Ltd.
2021332119	PAUGER KFT.	2021351326	Futamura Kagaku Kabushiki Kaisha; National Institute of Advanced Industrial Science and Technology
2021332168	Edwards Lifesciences Corporation	2021352215	Komatsu Ltd.
2021332169	Lung Biotechnology PBC	2021352430	HALLIBURTON ENERGY SERVICES, INC.
2021332183	Pfizer Inc.	2021353034	International Business Machines Corporation; IBM Deutschland GmbH
2021332212	Holcim Technology Ltd.	2021354006	Cybin IRL Limited
2021332958	ETH Zurich	2021354226	Sekisui House, Ltd.
2021333244	Siemens Mobility Austria GmbH	2021354304	Komatsu Ltd.
2021333558	Disarm Therapeutics, Inc.	2021356089	International Business Machines Corporation
2021333767	Res Polyflow LLC	2021357053	Deroyal Industries, Inc.
2021333904	Abbott Diabetes Care Inc.	2021359226	Dxcover Limited
2021333995	Furrer + Frey AG; Wang, B.	2021360173	Société des Produits Nestlé S.A.
2021334107	Charité - Universitätsmedizin Berlin	2021361366	Panasonic Intellectual Property Management Co., Ltd.
2021334165	Argenx Bvba; The Regents of the University of Colorado, a body corporate	2021362359	Panasonic Intellectual Property Management Co., Ltd.
2021334325	Oticara, Inc.	2021364033	Halliburton Energy Services, Inc.
2021334346	Arjil Biotech Holding Company Limited	2021364620	CJ Cheiljedang Corporation
2021334377	Insmad Incorporated	2021365544	Tyco Fire Products LP
2021334388	Kezar Life Sciences	2021366966	Oxiten S.A. Indústria e Comércio
2021334391	Span Tech LLC	2021368162	Tyco Fire Products LP
2021334433	Somero Enterprises, Inc.	2021368547	Alchemedicine, Inc.
2021334677	EpimAb Biotherapeutics (HK) Limited	2021369508	Otsuka Pharmaceutical Co., Ltd.
2021334950	Charité - Universitätsmedizin Berlin	2021371440	NewSouth Innovations Pty Limited
2021334951	Ocado Innovation Limited	2021372519	Unger Marketing International, LLC
2021334990	Nicoventures Trading Limited	2021377725	Hookey, S.
2021335016	Københavns Universitet	2022259836	Futu Network Technology (Shenzhen) Co., Ltd.
2021335074	Industrie De Nora S.p.A.	2022283695	Sayfa R&D Pty Ltd
2021335221	Curium US LLC	2022290931	Guo, Q.
2021335231	Res Polyflow LLC		
2021336062	Geobruigg AG		
2021336079	DSM IP Assets B.V.		
2021336750	NRG Therapeutics Ltd		
2021337053	Asahi Group Holdings, Ltd.; Asahi Breweries, Ltd.		
2021337150	CAPSERO AG		
2021337156	Primetals Technologies Austria GmbH		
2021337195	NRG Therapeutics Ltd		
2021337675	ViaSat, Inc.		
2021337794	ContiTech Luftfedersysteme GmbH		
2021338193	NuVasive, Inc.		
2021338357	ViaSat, Inc.		
2021338449	Carl Freudenberg KG		
2021338513	Charité - Universitätsmedizin Berlin		
2021338896	Protechna S.A.		
2021339233	Meld Gold Pty Ltd		
2021339933	Hitachi Zosen Inova AG		
2021339945	Illumina Cambridge Limited		
2021339980	FiberLean Technologies Limited		
2021341343	Thuja Innovations Inc.		
2021341465	Hitachi Zosen Inova AG		
2021341743	FiberLean Technologies Limited		
2021342159	Regeneron Pharmaceuticals, Inc.		
2021342566	Genentech, Inc.		
2021342567	Boston Scientific Scimed, Inc.		

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2021298990	2021318194	2021315416	2021328232	2021306422	2021320738
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<u>A01K 27 /-</u>	<u>A01N 33 /-</u>	2021317613	<u>A23N 7 /-</u>	2021321331	2021338449
2021321321	2021322002	2021317615	2021329923	2021321331	2021372519
<u>A01K 29 /-</u>	<u>A01N 35 /-</u>	<u>A23G 1 /-</u>	<u>A23P 10 /-</u>	<u>A47C 7 /-</u>	<u>A47L 9 /-</u>
2021321321	2020460192	2021309098	2021360173	2021321331	2021316026
<u>A01K 61 /-</u>	2021318507	2021316490	<u>A23P 30 /-</u>	2021341343	<u>A61B 1 /-</u>
2021305592	<u>A01N 37 /-</u>	<u>A23G 3 /-</u>	2021360173	2021321331	2021301388
<u>A01K 67 /-</u>	2020460192	2021309098	<u>A24B 15 /-</u>	2021306422	2021319371
2021305592	2021318836	2021318150	2021324127	<u>A47F 11 /-</u>	2021324983
		<u>A23G 9 /-</u>	2021329064	2021308629	2021343394
		2021296633	2021331397		
	<u>A01N 43 /-</u>	<u>A23J 3 /-</u>	2021334990		
		2021360173			

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

<u>A61B 10/-</u>	<u>A61B 8/-</u>	<u>A61J 1/-</u>	2021329312	2021319013	2021325352
2021331464	2021292112	2021300236	2021332035	2021319206	
	2021324681	2021320157	2021333558	2021320253	<u>A61K 9/-</u>
<u>A61B 17/-</u>		2021335221	2021334165	2021320553	2021300189
2021300236	<u>A61B 90/-</u>		2021334325	2021320658	2021301211
2021302610	2021312639	<u>A61K 101/-</u>	2021334346	2021324842	2021304359
2021306313	2021338193		2021334377	2021325149	2021306230
2021310358		<u>A61K 31/-</u>	2021334388	2021326526	2021306570
2021315472	<u>A61C 9/-</u>		2021336750	2021329106	2021306669
2021316231	2020223375	<u>A61K 31/-</u>	2021337195	2021332183	2021307397
2021316493			2021346233	2021334107	2021307774
2021321159	<u>A61D 19/-</u>	2021298732	2021346837	2021334677	2021307952
2021324774		2021302056	2021354006	2021334950	2021308671
2021324962	<u>A61D 19/-</u>	2021302090	2021368547		2021308671
2021325017	2021300236	2021302213	2021369508	<u>A61K 45/-</u>	2021310224
2021333904		2021305983		2021300189	2021310470
	<u>A61F 13/-</u>	2021306230	<u>A61K 33/-</u>	2021304355	2021310528
<u>A61B 18/-</u>		2021306570	2021317083	2021306230	2021311673
2021301328	2021303464	2021306597		2021312139	2021313832
2021306313	2021304802	2021306669	<u>A61K 35/-</u>	2021315460	2021314977
2021324983	2021306626	2021306781		2021317083	2021315381
	<u>A61F 2/-</u>	2021307106	2021299974	2021320957	2021319090
<u>A61B 3/-</u>		2021307245	2021304359	2021321433	2021322092
2021305095	2021310358	2021307397	2021308578	2021321539	2021328384
2021308224	2021313154	2021308657	2021314826	2021346233	2021329106
2021316037	2021315472	2021308671	2021315882		2021329312
2021324681	2021321159	2021309356	2021316727	<u>A61K 47/-</u>	2021332035
2021324968	2021321833	2021309398	2021316729		2021334325
	2021322190	2021310000	2021322148	2021306298	2021346837
	2021322289	2021310224	2021325575	2021306315	2021354006
<u>A61B 34/-</u>	2021324774	2021310228	2021325955	2021306669	
2021312639	2021326539	2021310470		2021307397	<u>A61L 101/-</u>
	2021330813	2021310528	<u>A61K 36/-</u>	2021307952	2021361366
	2021330814	2021311686		2021309907	
<u>A61B 5/-</u>	2021332168	2021311811	2021309398	2021314977	<u>A61L 12/-</u>
2020223375	2021336079	2021311814	2021310528	2021315381	2021362359
2021290732	2021342678	2021312139	2021314826	2021316053	
2021291903		2021313832	2021318335	2021321289	<u>A61L 15/-</u>
2021292112	<u>A61F 5/-</u>	2021314826	2021328547	2021325149	202138211
2021297550		2021314977		2021329106	
2021299343	2021303830	2021315149	<u>A61K 38/-</u>	2021329312	<u>A61L 2/-</u>
2021301388	2021312228	2021315460		2021332035	2021316893
2021305095		2021315475	2021307952	2021334677	2021324983
2021305238	<u>A61F 6/-</u>	2021316053	2021315047	2021342707	2021361366
2021306342		2021316674	2021315381	2021346837	2021362359
2021308673	2021303830	2021317083	2021316119		
2021312703		2021317737	2021319203	<u>A61K 48/-</u>	<u>A61L 27/-</u>
2021313066	<u>A61F 7/-</u>	2021318134	2021324656		2021314826
2021314082		2021318943	2021324962	2021308657	2021319440
2021316037	2021305336	2021319090	2021325682	2021309559	2021321833
2021318908	2021322270	2021319847	2021325717	2021322148	2021322190
2021318974		2021320219	2021327085	2021325717	2021336079
2021319148	<u>A61F 9/-</u>	2021320254		2021325954	
2021321159		2021320308	<u>A61K 39/-</u>		
2021322211	2021357053	2021320389		<u>A61K 49/-</u>	
2021322908		2021320511	2021299974		<u>A61L 29/-</u>
2021324681	<u>A61G 5/-</u>	2021320957	2021300189	2021310470	2021309661
2021324968		2021321430	2021301244	2021322908	2021310224
2021325690	2021341343	2021321433	2021302718		2021323469
2021342648		2021322329	2021304359	<u>A61K 51/-</u>	
2021343196	<u>A61H 19/-</u>	2021322736	2021304372		2021309907
2021343394		2021323235	2021306636	2021322908	2021322908
	2021303830	2021323245	2021306653		
<u>A61B 6/-</u>		2021323304	2021307516	<u>A61K 8/-</u>	<u>A61L 31/-</u>
2021297550	<u>A61H 23/-</u>	2021324839	2021307924		2021318211
2021305654		2021324901	2021311673	2021300119	2021336079
2021322211	2021317867	2021325575	2021313832	2021306961	
		2021325955	2021315460	2021308077	<u>A61L 9/-</u>
	<u>A61H 7/-</u>	2021327616	2021315513	2021308797	2021300877
		2021327622	2021315882	2021310528	
	2021317867	2021328726	2021316729	2021322782	
			2021318134		

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

<u>A61M 1 /-</u>	<u>A61M 60 /-</u>	2021322329	2021308586		
2021320862	2021338513	2021323304	2021309907	<u>A61P 9 /-</u>	<u>A63F 13 /-</u>
		2021324842	2021310000	2021311686	2020458791
<u>A61M 11 /-</u>	<u>A61N 1 /-</u>	2021325717	2021310228	2021323304	2021302901
2021313415	2021308626	2021327622	2021311673	2021327085	
2021342567		2021328726	2021311686	2021368547	<u>A63F 9 /-</u>
2021345417	<u>A61N 5 /-</u>	2021329312	2021311811		2020458791
2021354006	2021301328	2021333558	2021312139	<u>A61Q 11 /-</u>	2021302901
	2021324983	2021336750	2021313832	2021325352	2021311492
<u>A61M 15 /-</u>		2021337195	2021314982		
2021313415	<u>A61N 7 /-</u>	2021354006	2021315460	<u>A61Q 17 /-</u>	<u>A63H 5 /-</u>
2021328720	2021306313	2021368547	2021316674	2021308077	2021325349
		<u>A61P 27 /-</u>	2021316729		
<u>A61M 16 /-</u>	<u>A61P 1 /-</u>	2021315381	2021318134	<u>A61Q 19 /-</u>	<u>B01D 21 /-</u>
2020302833	2021310228	2021323304	2021318602	2021322782	2021319077
2021314992	2021320254	<u>A61P 29 /-</u>	2021319015		
2021315472	2021320511	2021302056	2021319847	<u>A61Q 5 /-</u>	<u>B01D 24 /-</u>
2021319148	2021323304	2021310528	2021320253	2021308797	2021326446
2021319371	2021325955	2021311686	2021320254		
2021325793	2021368547	2021313832	2021320311	<u>A62B 18 /-</u>	<u>B01D 29 /-</u>
<u>A61M 19 /-</u>	<u>A61P 11 /-</u>	2021315149	2021320389	2020458708	2020458432
2021305336	2021302056	2021323304	2021320511	2020466445	
	2021314977	2021327622	2021320658	2021311557	<u>B01D 33 /-</u>
<u>A61M 21 /-</u>	2021315149	2021334388	2021323235		2021326446
2021316037	2021320511	2021336750	2021323245	<u>A62B 23 /-</u>	
	2021323304	2021337195	2021323304	2020458708	<u>B01D 35 /-</u>
<u>A61M 25 /-</u>	2021325149	<u>A61P 3 /-</u>	2021327622	2020466445	2020458432
2020460465	<u>A61P 13 /-</u>	2021297465	2021329259	2021324304	
2021306313	2021302056	2021302213	2021334107		<u>B01D 39 /-</u>
2021310224	2021302090	2021302718	2021334165	<u>A62B 25 /-</u>	2021322058
2021312703	2021305983	2021311686	2021334388	2022283695	2021324304
2021313066	2021323304	2021321539	2021334677		
2021323469		2021323304	2021334950	<u>A62B 35 /-</u>	<u>B01D 53 /-</u>
<u>A61M 29 /-</u>	<u>A61P 15 /-</u>	<u>A61P 31 /-</u>	2021342707	2021311557	2021326002
2021306313	2021323304	2021299531	2021346233	<u>A62B 9 /-</u>	2021337156
	2021324839	2021304372	2021368547	2021311557	<u>B01F 23 /-</u>
<u>A61M 31 /-</u>	<u>A61P 17 /-</u>	2021306597	2021369508		2021318533
2021305336	2021310528	2021309356	<u>A61P 37 /-</u>	<u>A62B 7 /-</u>	
	2021314826	2021311686	2021301244	2021311557	<u>B01F 25 /-</u>
<u>A61M 39 /-</u>	2021323304	2021311814	2021308586	<u>A62B 3 /-</u>	2021318533
2021312228		2021315149	2021310228	2021368162	
2021312703	<u>A61P 19 /-</u>	2021315513	2021311686		<u>B01F 35 /-</u>
2021313066	2021301244	2021317737	2021316119	<u>A62C 3 /-</u>	2021318533
2021324813	2021323304	2021318943	2021319206	2021320143	
2021324983		2021325149	2021320254	2021365544	<u>B01J 19 /-</u>
2021345417	2021368547	2021327616	2021320511		2021301359
		2021329259	2021320957	<u>A62D 3 /-</u>	2021348347
<u>A61M 5 /-</u>	<u>A61P 21 /-</u>	2021332183	2021323304	2021308578	<u>B01J 20 /-</u>
2020460465	2021307774	<u>A61P 33 /-</u>	2021325955		2021326002
2021303047	2021323304	2021309398	2021328547	<u>A62C 37 /-</u>	2021351326
2021306313		<u>A61P 35 /-</u>	<u>A61P 39 /-</u>	2021368162	
2021314759	<u>A61P 25 /-</u>	2021298732	2021322736		<u>B01J 23 /-</u>
2021318491	2021302056	2021304355	<u>A61P 43 /-</u>	<u>A62D 3 /-</u>	2021301359
2021320157	2021302090	2021305654	2021314826	2021308578	2021348347
2021320890	2021304355	2021306570	2021320254		<u>B01J 20 /-</u>
2021322623	2021306653	2021306597	2021320511	<u>A63B 63 /-</u>	2021326002
2021323469	2021313832	2021306781	2021320957	2021311492	2021351326
2021324813	2021316119	2021307106	2021322736		
2021326454	2021317083	2021307245	2021346233	<u>A63B 67 /-</u>	<u>B01J 23 /-</u>
2021342567	2021319090	2021307516	2021368547	2021311492	2021319346
		2021307924	<u>A61P 7 /-</u>	<u>A63B 71 /-</u>	2021335074
			2021323304	2021306420	<u>B01J 29 /-</u>
			2021326526		2021319346
			2021368547		

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

2021335231	<u>B05D 5 /-</u>	<u>B29C 64 /-</u>	<u>B60K 6 /-</u>	<u>B62D 55 /-</u>	<u>B65C 9 /-</u>
<u>B01J 4 /-</u>	2021304900	2021306420	2021350628	2021303799	2021320160
2021301359	<u>B07B 1 /-</u>	2021308699	<u>B60M 1 /-</u>		
2021346907		2021332169		<u>B62K 5 /-</u>	<u>B65D 1 /-</u>
2021347762	2021325373	<u>B32B 1 /-</u>	2021333995	2021341343	2021299464
<u>B01J 8 /-</u>	<u>B07B 15 /-</u>	2021313607	<u>B60P 1 /-</u>	<u>B63B 21 /-</u>	<u>B65D 17 /-</u>
2021325573	2021325373	<u>B32B 17 /-</u>	2021322000	2021321330	2021300145
2021346907	<u>B08B 1 /-</u>	2021312699	<u>B60R 13 /-</u>	2021321330	2021317947
2021347762		<u>B32B 27 /-</u>	2021290996	<u>B63B 22 /-</u>	<u>B65D 21 /-</u>
2021348347	2021372519			2021316860	
2021349349	<u>B09B 3 /-</u>	2021312699	<u>B60R 22 /-</u>		2021299464
<u>B01L 3 /-</u>		2021318608		<u>B63B 27 /-</u>	<u>B65D 27 /-</u>
2021294421	2021308578	2021328601	2021307323	2020329082	
2021304900	<u>B09C 1 /-</u>	<u>B32B 5 /-</u>	<u>B60R 3 /-</u>	2021305833	2021320160
2021307676					
<u>B02C 2 /-</u>	2021308578	2021290996	2021322827	<u>B63B 35 /-</u>	<u>B65D 33 /-</u>
	<u>B22F 1 /-</u>	2021306961		2021316860	2021320160
2021301369		<u>B32B 7 /-</u>	<u>B60T 11 /-</u>	2021321330	<u>B65D 39 /-</u>
<u>B02C 25 /-</u>	2021301359		2021333244		
	2021306561	2021320160	<u>B60T 13 /-</u>	<u>B63B 7 /-</u>	2021338896
2021301369	<u>B22F 10 /-</u>	2021328601		2021316860	<u>B65D 41 /-</u>
<u>B03B 11 /-</u>	2021306561	<u>B33Y 10 /-</u>	2021333244	<u>B63C 1 /-</u>	
			<u>B60T 17 /-</u>	2021316860	2021311780
2021327033	<u>B22F 3 /-</u>	2021306420			2021320889
<u>B03B 5 /-</u>		2021314570	2021315565	<u>B63H 9 /-</u>	<u>B65D 43 /-</u>
	2021306561	2021332169	2021333244		
2021327033	2021350813	<u>B33Y 30 /-</u>	<u>B60V 1 /-</u>	2021317173	2021300197
<u>B03B 9 /-</u>	<u>B23K 26 /-</u>	2021314570			2021300448
			2020460124	<u>B64C 3 /-</u>	
2021325373	2021301224	<u>B33Y 50 /-</u>	<u>B60W 20 /-</u>	2021317173	<u>B65D 47 /-</u>
<u>B03C 1 /-</u>	<u>B24C 5 /-</u>	2021306420			2021300197
		2021308699	2021317642	<u>B64C 39 /-</u>	<u>B65D 5 /-</u>
2021307676	2021318604	2021314570	<u>B60W 50 /-</u>	2020460124	
2021325373	<u>B25J 15 /-</u>	<u>B33Y 80 /-</u>		2021350628	2021357053
<u>B04C 3 /-</u>			2021320344	<u>B64D 1 /-</u>	<u>B65D 55 /-</u>
	2021334951	2021306420	<u>B61B 1 /-</u>		
2021335221	<u>B26D 3 /-</u>	<u>B41M 3 /-</u>		2021331635	2021320889
<u>B05B 1 /-</u>			2021304804	<u>B64D 15 /-</u>	2021338896
	2021302610	2021320160	<u>B61B 12 /-</u>	2021315995	<u>B65D 71 /-</u>
2021318194	<u>B27K 3 /-</u>	<u>B60B 35 /-</u>			2021296856
2021318604			2021304804	<u>B64D 17 /-</u>	
<u>B05B 12 /-</u>	2021315711	2021315066	<u>B61B 7 /-</u>		<u>B65D 81 /-</u>
	<u>B27N 1 /-</u>	<u>B60B 9 /-</u>		2021331635	
2021361366			2021304804	<u>B65B 21 /-</u>	2021300448
<u>B05B 7 /-</u>	2021312636	2021302812	<u>B61H 9 /-</u>		<u>B65D 88 /-</u>
	<u>B28B 19 /-</u>	<u>B60D 1 /-</u>		2021310954	
2021305045			2021307323	2021311842	2021316860
2021318604	2021334433	2021318407	<u>B61K 13 /-</u>	<u>B65B 27 /-</u>	<u>B65F 3 /-</u>
2021342567	<u>B29C 43 /-</u>	<u>B60K 16 /-</u>		2021300145	2020358129
2021362359			2021304804	<u>B65B 35 /-</u>	<u>B65G 1 /-</u>
<u>B05C 19 /-</u>	2021342678	2021317173	<u>B62D 21 /-</u>		
	<u>B29C 48 /-</u>	<u>B60K 28 /-</u>		2021311843	2021312093
2021304802			2021315066	<u>B65B 55 /-</u>	2021320214
<u>B05D 1 /-</u>	2021313607	2021317742	<u>B62D 33 /-</u>		2021324385
				2021300145	2021325368
2021317066			2021322000		

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<u>B65G 21 /-</u>	2021316893	<u>C05F 11 /-</u>	2021319847	<u>C07D 403 /-</u>	<u>C07D 493 /-</u>
2021334391	<u>B81B 1 /-</u>	2021308578	<u>C07D 213 /-</u>	2021297465	2021311814
<u>B65G 39 /-</u>	2021295370	2021320217	2021323245	2021300294	<u>C07F 9 /-</u>
2021313607	<u>B81C 1 /-</u>	<u>C05G 1 /-</u>	2021368547	2021311686	2021311686
<u>B65G 47 /-</u>	2021301224	2021320217	<u>C07D 221 /-</u>	2021323235	2021368547
2021310954	<u>C01B 25 /-</u>	2021320217	2021329259	2021323304	<u>C07H 21 /-</u>
2021311842	2021319440	<u>C05G 3 /-</u>	<u>C07D 231 /-</u>	2021324123	2021306597
2021311843	<u>C01B 3 /-</u>	2021308575	2021300294	<u>C07D 405 /-</u>	<u>C07K 1 /-</u>
2021313298	2021314343	2021366966	2021311811	2021336750	2021342566
<u>B65G 49 /-</u>	2021332958	<u>C05G 5 /-</u>	2021336750	2021337195	<u>C07K 14 /-</u>
2021324101	<u>C01B 32 /-</u>	2021308575	2021337195	<u>C07D 407 /-</u>	2021298870
<u>B65G 61 /-</u>	2021351326	2021320217	2021368547	<u>C07D 409 /-</u>	2021306636
2021334951	<u>C01B 33 /-</u>	<u>C06B 33 /-</u>	<u>C07D 235 /-</u>	2021324123	2021312139
<u>B65G 67 /-</u>	2021326002	2021304420	2021337195	<u>C07D 409 /-</u>	2021314982
2021305833	2021326487	<u>C06B 45 /-</u>	<u>C07D 237 /-</u>	2021320254	2021315047
<u>B66B 5 /-</u>	<u>C01C 1 /-</u>	2021304420	2021324901	<u>C07D 413 /-</u>	2021319013
2021307323	2021314572	<u>C07C 1 /-</u>	<u>C07D 239 /-</u>	2021297465	2021319015
<u>B66C 1 /-</u>	2021308578	2021319346	2021323304	2021301939	2021319206
2021334951	2021326446	2021322122	<u>C07D 241 /-</u>	2021302213	2021319209
<u>B66C 11 /-</u>	<u>C02F 3 /-</u>	<u>C07C 15 /-</u>	2021329259	2021311686	2021320311
2021331184	2021326004	2021319346	<u>C07D 249 /-</u>	2021320254	2021320894
<u>B66C 13 /-</u>	<u>C04B 111 /-</u>	<u>C07C 227 /-</u>	2021337195	2021328726	2021322114
2021303548	2021326004	2021307398	<u>C07D 417 /-</u>	2021333558	2021327085
2021305833	<u>C04B 14 /-</u>	2021308180	<u>C07D 417 /-</u>	2021337195	2021334107
<u>B66C 17 /-</u>	2021325373	<u>C07C 229 /-</u>	<u>C07D 417 /-</u>	2021337195	2021334950
2021305833	<u>C04B 18 /-</u>	2021306216	<u>C07D 417 /-</u>	2021337195	2021335016
2021331184	2021326004	2021306999	<u>C07D 253 /-</u>	2021316053	<u>C07K 16 /-</u>
<u>B66C 19 /-</u>	<u>C04B 22 /-</u>	2021307398	2021315475	2021317737	2021301244
2021303548	2021326004	2021308180	<u>C07D 253 /-</u>	2021320254	2021302718
<u>B66C 7 /-</u>	<u>C04B 28 /-</u>	<u>C07C 309 /-</u>	<u>C07D 263 /-</u>	2021323245	2021304372
2021325368	2021323968	2021306216	2021337195	2021334388	2021306179
<u>B66F 11 /-</u>	2021326004	2021306999	<u>C07D 271 /-</u>	<u>C07D 471 /-</u>	2021306653
2021315066	<u>C05B 19 /-</u>	<u>C07C 291 /-</u>	2021302213	2021307516	2021307924
2021317082	2021308575	2021308180	<u>C07D 277 /-</u>	2021307924	2021308586
<u>B66F 9 /-</u>	2021308575	<u>C07C 43 /-</u>	2021313136	2021311673	2021311673
2021315066	<u>C05C 11 /-</u>	2021366966	2021316053	2021314982	2021314982
2021315749	2021308575	<u>C07C 59 /-</u>	2021337195	2021315513	2021315513
2021317082	2021315521	2021299531	<u>C07D 333 /-</u>	2021321433	2021315882
<u>B67C 3 /-</u>	<u>C05D 1 /-</u>	<u>C07D 209 /-</u>	<u>C07D 333 /-</u>	2021323304	2021316729
2021314317	2021308575	2021297465	<u>C07D 401 /-</u>	2021329259	2021319015
<u>B67D 1 /-</u>	<u>C07D 211 /-</u>	2021328726	<u>C07D 401 /-</u>	2021334388	2021320253
2021310118	2021306781	2021335016	<u>C07D 401 /-</u>	2021336750	2021320311
		2021337195	<u>C07D 401 /-</u>	<u>C07D 473 /-</u>	2021320553
		<u>C07D 211 /-</u>	2021329259	2021320389	2021320658
		2021306781	<u>C07D 491 /-</u>	<u>C07D 487 /-</u>	2021322114
			2021329259	2021302090	2021322183
				2021304355	2021324842
				2021307245	2021326526
				2021311686	2021334165
				2021318602	2021334677
				2021329259	2021342159
				2021334388	2021342566
					2021342707
					<u>C07K 7 /-</u>
					2021327085
					<u>C08B 37 /-</u>
					2021306298

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<u>C08B 7 /-</u>	<u>C09B 31 /-</u>	<u>C10G 1 /-</u>	<u>C12N 1 /-</u>	<u>C12P 13 /-</u>	<u>C25B 1 /-</u>
2021306298	2021320389	2021333767	2021308578	2021306531	2021299938
	<u>C09D 101 /-</u>	<u>C10G 17 /-</u>	2021310498	<u>C12P 15 /-</u>	2021300577
<u>C08G 18 /-</u>	2021318608	2021315806	2021325149	2021335016	2021314572
2021332212	<u>C09D 103 /-</u>	<u>C10G 19 /-</u>	<u>C12N 13 /-</u>		2021315664
	2021318608	2021315806	2021325575	<u>C12P 17 /-</u>	2021321459
<u>C08G 64 /-</u>	<u>C09D 11 /-</u>	<u>C10G 25 /-</u>	<u>C12N 15 /-</u>	2021335016	2021322122
2021322122	2021309628	2021315806	2020466782	<u>C12P 19 /-</u>	2021323066
<u>C08G 65 /-</u>	2021309628	2021315806	2021298870	2021316845	2021335074
2021315521	<u>C09D 5 /-</u>	<u>C10G 3 /-</u>	2021300450	2021330052	
	2021309628	2021315806	2021306531	<u>C12P 21 /-</u>	<u>C25B 11 /-</u>
<u>C08G 77 /-</u>	2021309628	2021315806	2021307106	2021310498	<u>C25B 13 /-</u>
2021315521	2021317066	<u>C10G 31 /-</u>	2021307245	2021320360	2021300577
2021326002	2021323977	2021315806	2021307774		
	<u>C09D 7 /-</u>	2021315806	2021308079	<u>C12P 5 /-</u>	<u>C25B 15 /-</u>
<u>C08J 11 /-</u>	2021309628	<u>C10G 53 /-</u>	2021308657	2021335016	2021323066
2021331184	2021309628	2021315806	2021309559		
	<u>C09D 9 /-</u>	<u>C10G 69 /-</u>	2021311027	<u>C12P 7 /-</u>	<u>C25B 9 /-</u>
<u>C08J 3 /-</u>	2021309628	2021333767	2021312054	2021316845	2021299938
2021326058	2021309628	<u>C10M 161 /-</u>	2021315149	2021335016	2021300577
	<u>C09J 11 /-</u>	2021302154	2021315803	<u>C12Q 1 /-</u>	2021315664
<u>C08J 5 /-</u>	2021309628	<u>C11B 3 /-</u>	2021315812	2021313136	2021322122
2021299938	2021312636	2021315806	2021316211	2021315803	2021323066
2021300577	<u>C09J 189 /-</u>	<u>C11D 1 /-</u>	2021318943	2021319150	<u>C25D 11 /-</u>
2021318608	2021312636	2021315806	2021319203	2021320253	2021304354
	<u>C09K 17 /-</u>	<u>C11D 11 /-</u>	2021319208	2021320360	<u>C25D 21 /-</u>
<u>C08J 7 /-</u>	2021315521	2021306216	2021320219	2021321086	2021314570
2021318608	2021320217	2021306999	2021322148	2021322806	
	2021366966	2021307398	2021325717	2021325154	<u>C25D 5 /-</u>
<u>C08J 9 /-</u>	<u>C09K 23 /-</u>	2021308180	2021325947	2021327130	2021314570
2021299896	2021329915	<u>C11D 17 /-</u>	2021325954	2021334165	
2021326002	2021331187	2021316168	2021334677	2021339945	<u>C40B 40 /-</u>
	<u>C09K 5 /-</u>	2021316168	2021335016	2021342159	2021320360
<u>C08K 3 /-</u>	2021327741	<u>C12G 3 /-</u>	<u>C12N 5 /-</u>	<u>C12R 1 /-</u>	<u>D01C 3 /-</u>
2021325373	2021329915	2021307398	2021299974	2021325149	2021319461
	<u>C09K 8 /-</u>	2021311618	2021300644	<u>C22B 1 /-</u>	<u>D01D 5 /-</u>
<u>C08K 5 /-</u>	2021327741	<u>C11D 3 /-</u>	2021306531	2021325573	2021327176
2021309628	2021329915	2021316168	2021307245	<u>C22B 26 /-</u>	<u>D01F 1 /-</u>
2021312636	2021304420	<u>C12M 1 /-</u>	2021315814	2021325573	2021326058
	2021307396	2021327171	2021316727	<u>C22C 1 /-</u>	<u>D01F 8 /-</u>
<u>C08K 9 /-</u>	<u>C10B 45 /-</u>	2021327171	2021316729	2021350813	2021327176
2021325373	2021331187	2021327171	2021317752	<u>C22C 14 /-</u>	<u>D02G 3 /-</u>
	2021331187	2021327171	2021319209	2021350813	2021327176
<u>C08L 23 /-</u>	2021331187	2021327171	2021320894	<u>C23C 4 /-</u>	<u>D04H 1 /-</u>
2021328601	2021331187	2021327171	2021327171	2021317066	2021306961
	<u>C10B 49 /-</u>	2021327171	2021328232	2021335074	
<u>C08L 3 /-</u>	2021331187	2021327171	2021348257	<u>C23F 11 /-</u>	
2021318608	2021331187	2021327171	2021350472	2021323977	
	<u>C10B 5 /-</u>	2021327171	<u>C12N 7 /-</u>		
<u>C08L 71 /-</u>	2021331187	2021327171	2021304359		
2021366966	2021331187	2021327171	2021319208		
	<u>C10B 53 /-</u>	2021295370	<u>C12N 9 /-</u>		
<u>C08L 75 /-</u>	2021333767	2021327171	2020466782		
2021332212		2021327171	2021306531		
			2021310498		
			2021312139		
			2021320894		
			2021335016		

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<u>D06H 1 /-</u>	<u>E01D 21 /-</u>	<u>E04G 21 /-</u>	<u>E21B 41 /-</u>	<u>F04D 29 /-</u>	<u>F21V 33 /-</u>
2021321507	2021319450	2022283695	2020481933 2020484443 2021352430	2021270948	2021322969
<u>D06L 1 /-</u>	<u>E01F 15 /-</u>	<u>E04H 9 /-</u>	<u>E21B 43 /-</u>	<u>F16B 1 /-</u>	<u>F23H 1 /-</u>
2021308180	2021316852	2021325368	2020329082 2020468490 2020481642 2020481933 2020483647 2021316097 2021318189 2021322097 2021352430	2021319787	2021341465
<u>D06M 11 /-</u>	<u>E01F 9 /-</u>	<u>E05F 15 /-</u>	<u>E21B 49 /-</u>	<u>F16B 12 /-</u>	<u>F23H 17 /-</u>
2021319461	2021316852	2021314961	2020468490 2021297552 2021316097	2021321331	2021341465
<u>D06M 13 /-</u>	<u>E02D 13 /-</u>	<u>E06B 3 /-</u>	<u>E21B 47 /-</u>	<u>F16B 21 /-</u>	<u>F23H 3 /-</u>
2021319461	2021316910	2021314961	2020468490 2021297552 2021316097	2021322817	2021339933
<u>D06N 7 /-</u>	<u>E02D 5 /-</u>	<u>E06C 5 /-</u>	<u>E21B 49 /-</u>	<u>F16B 35 /-</u>	<u>F23H 7 /-</u>
2021327176	2021316910	2021322827	2021297552 2021316097	2021322817	2021339933 2021341465
<u>D21C 9 /-</u>	<u>E02D 7 /-</u>	<u>E21B 10 /-</u>	<u>E21B 7 /-</u>	<u>F16B 37 /-</u>	<u>F24F 1 /-</u>
2021339980 2021341743	2021316910	2021294605	2021297552 2021316097	2021322817	2021313015
<u>D21F 1 /-</u>	<u>E02F 3 /-</u>	<u>E21B 12 /-</u>	<u>E21B 49 /-</u>	<u>F16B 5 /-</u>	<u>F24F 11 /-</u>
2021306961	2021316910 2021317642	2021319774	2021297552 2021316097	2021314583	2021313015 2021321661 2021322409 2021342953
<u>D21F 11 /-</u>	<u>E02F 9 /-</u>	<u>E21B 17 /-</u>	<u>E21B 7 /-</u>	<u>F16F 13 /-</u>	<u>F24F 12 /-</u>
2021306961	2021315458 2021317642 2021322827 2021352215 2021354304	2020329082 2020481927 2020484443 2021314122 2021319786 2021323356	2020481927 2021314122 2021316910	2021337794	2021313015
<u>D21H 11 /-</u>	<u>E03F 1 /-</u>	<u>E21B 21 /-</u>	<u>E21C 27 /-</u>	<u>F16K 15 /-</u>	<u>F24F 13 /-</u>
2021339980 2021341743	2021326446	2020481933 2021316097	2020468174	2021320143	2021342953
<u>D21H 17 /-</u>	<u>E03F 9 /-</u>	<u>E21B 23 /-</u>	<u>E21C 35 /-</u>	<u>F16K 17 /-</u>	<u>F24F 140 /-</u>
2021339980 2021341743	2021326446	2020473286 2020481642 2020483647 2021364033	2020468174	2021311107 2021320143 2021333244	2021342953
<u>D21H 19 /-</u>	<u>E04B 1 /-</u>	<u>E21B 29 /-</u>	<u>F01K 3 /-</u>	<u>F16K 3 /-</u>	<u>F24F 3 /-</u>
2021318608	2021296428 2021325368	2021329294	2021310128	2021320143	2021342953
<u>D21H 21 /-</u>	<u>E04B 7 /-</u>	<u>E21B 33 /-</u>	<u>F01L 7 /-</u>	<u>F16K 31 /-</u>	<u>F24F 5 /-</u>
2021339980 2021341743	2020461882	2020329082 2020473286 2020481642 2020483647 2020483809 2020484443 2021304420 2021315596	2021329294	2021320143	2021313015
<u>D21H 23 /-</u>	<u>E04C 2 /-</u>	<u>E21B 34 /-</u>	<u>F01N 13 /-</u>	<u>F16L 101 /-</u>	<u>F24F 7 /-</u>
2021339980	2021296428	2020481927 2021304420 2021315596	2021290996	2021322676	2021313015
<u>D21H 27 /-</u>	<u>E04D 13 /-</u>	<u>E03B 13 /-</u>	<u>F02B 19 /-</u>	<u>F16L 55 /-</u>	<u>F24S 30 /-</u>
2021306961	2021354226	2021377725	2021350628	2021328270 2021329836	2021328270 2021329836
<u>E01B 1 /-</u>	<u>E04D 3 /-</u>	<u>F03B 17 /-</u>	<u>F03B 13 /-</u>	<u>F16M 11 /-</u>	<u>F24T 10 /-</u>
2021310686	2021319372	2021377725	2021377725	2021328270	2021319433
<u>E01B 25 /-</u>	<u>E04F 13 /-</u>	<u>F03D 13 /-</u>	<u>F03D 13 /-</u>	<u>F16M 7 /-</u>	<u>F24T 50 /-</u>
2021304804	2021296428	2021321330 2021321330	2021321330	2021325368	2021319433
<u>E01B 29 /-</u>	<u>E04F 15 /-</u>	<u>F03D 7 /-</u>	<u>F03D 7 /-</u>	<u>F17C 3 /-</u>	<u>F25B 13 /-</u>
2021310686	2021314820 2021318730 2021318744 2021318813	2020481642 2020481927 2020483809 2021364033	2021321330	2021328746	2021342953
<u>E01C 19 /-</u>					<u>F25B 30 /-</u>
2021334433					2021313015

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F25B 39 /-	2021354304	G01N 30 /-	G01V 3 /-	G06F 17 /-	G06Q 20 /-
2021321659	G01B 21 /-	2021351326	2021311557	2021301211	2021339233
	2021322676	G01N 33 /-	2021325714	2021322826	G06Q 30 /-
F25B 43 /-	G01B 7 /-	2021294421	G01V 5 /-	G06F 18 /-	2021300957
2021266850	2021317742	2021303517	2021316114	2021291903	2021331645
F25C 1 /-	G01B 9 /-	2021304900	G02B 19 /-	2021300304	G06Q 40 /-
2021305336	2021324968	2021305654	2021331245	2021312111	2021302901
F25D 1 /-	G01C 15 /-	2021306343	G02B 21 /-	2021316103	2021321458
2021315148	2021305833	2021314082	2021308224	2021316910	2022259836
F25D 11 /-	G01C 21 /-	2021317020	G02B 27 /-	G06F 21 /-	G06Q 50 /-
2021326859	2021325087	2021319461	2021305095	2021298842	2021302901
2021329695	G01F 23 /-	2021319950	2021308224	2021325349	2021306034
F25D 13 /-	2021322840	2021320360	G02B 5 /-	G06F 3 /-	2021308699
2021364620	G01J 3 /-	2021320553	2021325316	2020457263	2021316171
F25D 17 /-	2021308224	2021321507	G02B 7 /-	2021315798	2021322409
2021270948	G01K 1 /-	2021327130	2021301388	G06F 40 /-	G06T 1 /-
2021327817	2021350501	2021327851	2021331245	2021314026	2021306034
2021364620	G01K 7 /-	2021334165	G02C 1 /-	2021315798	G06T 11 /-
F25D 19 /-	2021350501	2021334677	2021357053	G06F 7 /-	2021325087
2021326859	G01K 7 /-	2021336062	G02C 5 /-	G06G 7 /-	G06T 15 /-
F25D 21 /-	2021350501	2021349342	2021325316	2021316112	2021297550
2021364620	G01M 5 /-	G01N 35 /-	G02C 7 /-	G06K 13 /-	G06T 17 /-
F25D 23 /-	2021316860	2021294421	G02C 1 /-	2021326498	2021322826
2021305277	G01N 15 /-	2021295370	2021357053	G06K 17 /-	G06T 19 /-
2021364620	2021306343	2021306343	G02C 5 /-	2021326498	2021352215
F25D 25 /-	G01N 17 /-	2021359226	G02C 7 /-	G06K 7 /-	2021354304
2021310164	2021336062	G01R 15 /-	G03F 7 /-	G06K 7 /-	G06T 5 /-
F28D 1 /-	G01N 21 /-	2021317742	2021307398	2021326498	2020223375
2021311945	2021305238	G01R 19 /-	G03H 1 /-	2021328483	G06T 7 /-
2021321659	2021321393	2021317742	2021325316	G06N 10 /-	2020223375
F28D 20 /-	2021359226	G01R 29 /-	G05B 13 /-	2021312806	2021297552
2021310128	G01N 23 /-	2021317742	2021329923	2021353034	2021300304
2021313015	2021319461	2021317742	G05B 19 /-	2021356089	2021305833
F28F 1 /-	2021321507	G01R 31 /-	2021311557	G06N 20 /-	2021306034
2021321659	G01N 27 /-	G01R 33 /-	G05B 23 /-	2021300319	2021322211
F28F 23 /-	2021314082	2021317742	2021321288	G06N 3 /-	2021326016
2021319433	2021349342	2021322841	2021329227	2021300319	G06V 10 /-
F28F 9 /-	G01N 29 /-	G01S 17 /-	G05D 1 /-	2021314804	2021321325
2021321659	2021328523	2021305833	2020468174	2021316910	G07C 5 /-
G01B 11 /-	G01N 3 /-	2021319787	2021299528	2021331645	2021316171
2021319787	2021316114	G01S 19 /-	2021300957	G06Q 10 /-	G07F 13 /-
2021322676	G01S 7 /-	2021300957	G05B 23 /-	2021306034	2021296633
2021352215	2021305833	2021305833	2021321288	2021316171	2021316893
		2021321288	G01S 5 /-	2021320214	G07F 17 /-
		G01S 5 /-	2021301176	2021320344	2021302901
		G01S 7 /-	2021322835	2021331645	
		G01S 7 /-	2021301176		
		G01S 7 /-	2021322835		
		G01S 7 /-	2021300957		
		G01S 7 /-	2021311107		

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<u>G08B 21 /-</u>	<u>G16Y 10 /-</u>	<u>H02G 1 /-</u>	<u>H03M 13 /-</u>	<u>H04W 48 /-</u>
2021317742	2021306034	2021317742	2021316749	2021299783
<u>G08B 23 /-</u>	<u>G16Y 40 /-</u>	<u>H02H 7 /-</u>	<u>H04B 7 /-</u>	<u>H04W 64 /-</u>
2021307415	2021306034	2020461087	2021312759 2021337675 2021338357	2021301176 2021317762 2021337675
<u>G08C 17 /-</u>	<u>G21G 1 /-</u>	<u>H02H 9 /-</u>	<u>H04J 13 /-</u>	<u>H04W 72 /-</u>
2021317742	2021328565 2021335221	2020461087	2021343196	2021312759 2021318151
<u>G09B 19 /-</u>	<u>H01B 1 /-</u>	<u>H02J 3 /-</u>	<u>H04J 3 /-</u>	<u>H04W 76 /-</u>
2021314026 2021323398	2021322969	2021315664	2021317755	2021301958 2021326409
<u>G09B 21 /-</u>	<u>H01B 7 /-</u>	<u>H02J 50 /-</u>	<u>H04L 12 /-</u>	<u>H05B 3 /-</u>
2021315855	2021322969	2021322969	2021319645	2021315995
<u>G09F 9 /-</u>	<u>H01B 9 /-</u>	<u>H02J 7 /-</u>	<u>H04L 27 /-</u>	<u>H05B 47 /-</u>
2021315855	2021322969	2021315664 2021315749	2021343196	2021316037
<u>G10L 15 /-</u>	<u>H01L 21 /-</u>	<u>H02K 1 /-</u>	<u>H04L 9 /-</u>	<u>H05H 13 /-</u>
2021314026	2021307398	2020460478	2021308699 2021339233	2021328565
<u>G10L 19 /-</u>	<u>H01L 23 /-</u>	<u>H02K 5 /-</u>	<u>H04M 1 /-</u>	<u>H05H 6 /-</u>
2021305381 2021317755	2021327741	2020460478	2021327081	2021328565
<u>G10L 25 /-</u>	<u>H01L 31 /-</u>	<u>H02K 7 /-</u>	<u>H04M 3 /-</u>	<u>H05K 7 /-</u>
2021314026 2021318908	2021307398 2021329840 2021371440	2020460478	2021327081	2021314650 2021327741
<u>G16B 30 /-</u>	<u>H01M 10 /-</u>	<u>H02K 9 /-</u>	<u>H04N 21 /-</u>	<u>H10K 30 /-</u>
2021342159	2021321459	2020460478	2021302767	2021329840
<u>G16H 10 /-</u>	<u>H01M 4 /-</u>	<u>H02M 7 /-</u>	<u>H04N 7 /-</u>	<u>H10N 60 /-</u>
2021297568	2020455613	2021327756	2021305674 2021352215 2021354304	2021312806
<u>G16H 20 /-</u>	<u>H01M 8 /-</u>	<u>H02S 20 /-</u>	<u>H04R 1 /-</u>	<u>H10N 69 /-</u>
2021321321 2021322600 2021328720	2021332958	2021322700 2021328270 2021329836	2021325349	2021312806
<u>G16H 30 /-</u>	<u>H01Q 1 /-</u>	<u>H02S 30 /-</u>	<u>H04W 24 /-</u>	
2021322211	2021322841	2021328270	2020462149 2021301958	
<u>G16H 40 /-</u>	<u>H01Q 21 /-</u>	<u>H02S 40 /-</u>	<u>H04W 28 /-</u>	
2021297568 2021303464 2021306626 2021322835 2021328720	2021322841	2021321459	2020471163 2021319714	
<u>G16H 50 /-</u>	<u>H01Q 5 /-</u>	<u>H03F 1 /-</u>	<u>H04W 36 /-</u>	
2021297568 2021300319 2021305654 2021315586 2021322600 2021328720	2021322841	2021312806	2021326409	
	<u>H01R 13 /-</u>	<u>H03F 17 /-</u>	<u>H04W 4 /-</u>	
	2021308626	2022290931	2021301176 2021336062	
	<u>H01R 24 /-</u>	<u>H03H 1 /-</u>	<u>H04W 40 /-</u>	
	2021308626	2021312806	2021311430	
	<u>H01R 4 /-</u>	<u>H03H 7 /-</u>		
	2021313415	2021312806 2021356089		

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B04B 7/14 (2006.01)

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A61P 25/00 (2006.01)
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 interface for providing navigation and
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 ing information about a drug-containing
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G06T 3/00 (2006.01)
G06T 3/40 (2006.01)
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G06V 10/24 (2022.01)
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B01J 20/00 (2006.01)
G01N 30/00 (2006.01)
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A61J 1/06 (2006.01)
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A61K 9/00 (2006.01)
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A61K 47/36 (2006.01)
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F04F 1/18 (2006.01)
B01F 23/23 (2022.01)
B01F 25/30 (2022.01)
F03B 3/04 (2006.01)
F03B 17/04 (2006.01)
F04F 5/00 (2006.01)
F04F 5/04 (2006.01)
F15D 1/02 (2006.01)
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 (51) Int. Cl.
B65D 5/20 (2006.01)
B31B 50/36 (2017.01)
B31B 50/54 (2017.01)

B65B 5/02 (2006.01)
B65D 5/44 (2006.01)
B31B 100/00 (2017.01)
B31B 110/35 (2017.01)
B31B 120/10 (2017.01)
B31B 120/40 (2017.01)
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B65B 5/02 (2006.01)
B31B 50/52 (2017.01)
B31B 50/62 (2017.01)
B65B 7/20 (2006.01)
B65B 7/26 (2006.01)
B65B 11/00 (2006.01)
B65B 49/08 (2006.01)
B65D 5/20 (2006.01)
B65D 5/44 (2006.01)
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B26B 19/06 (2006.01)
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C01C 1/04 (2006.01)
F25B 15/06 (2006.01)
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C12N 7/00 (2006.01)
A61K 9/51 (2006.01)
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B82Y 5/00 (2011.01)
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E02F 3/84 (2006.01)

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B60T 1/093 (2006.01)
B60K 31/08 (2006.01)
B60T 10/04 (2006.01)
E02F 9/22 (2006.01)
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A61P 35/00 (2006.01)
C07D 403/06 (2006.01)
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A23C 9/12 (2006.01)
A23C 9/123 (2006.01)
C12N 9/38 (2006.01)
C12R 1/225 (2006.01)
C12R 1/46 (2006.01)
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A61K 8/25 (2006.01)
A61Q 11/00 (2006.01)
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B32B 3/26 (2006.01)
B32B 3/30 (2006.01)
B32B 7/06 (2019.01)
B32B 7/12 (2006.01)
B32B 15/08 (2006.01)
B32B 15/20 (2006.01)
B32B 27/08 (2006.01)
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B65D 43/02 (2006.01)
B65D 51/20 (2006.01)
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G06F 3/00 (2006.01)
G06Q 50/22 (2018.01)
H04N 21/258 (2011.01)
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B65G 39/16 (2006.01)
B65G 15/60 (2006.01)
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A61M 1/00 (2006.01)
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A61P 9/10 (2006.01)
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A61P 25/28 (2006.01)
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B65D 43/02 (2006.01)
B65D 51/16 (2006.01)
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C12N 1/20 (2006.01)
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B65B 13/02 (2006.01)
B21F 9/02 (2006.01)
B26D 7/14 (2006.01)
B65B 13/22 (2006.01)
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C07D 491/04 (2006.01)
A61K 31/519 (2006.01)
A61P 25/16 (2006.01)
C07D 519/00 (2006.01)
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A61B 17/86 (2006.01)
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A61B 50/00 (2016.01)
A61B 50/22 (2016.01)

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A61B 5/145 (2006.01)
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B65B 35/00 (2006.01)
B25J 9/02 (2006.01)
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B65D 6/04 (2006.01)
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 (21) 2022202513 (22) 14.04.2022
 (54) Generating binaural audio in response to multi-channel audio using at least one feedback delay network
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H04S 3/00 (2006.01)
 (43) 12.05.2022
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 (62) 2020203222
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A01N 31/02 (2006.01)
A01N 31/04 (2006.01)
A01N 31/08 (2006.01)
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 B33Y 10/00 (2015.01)
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 B65G 1/137 (2006.01)
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G01D 11/28 (2006.01)
G02B 6/26 (2006.01)
G05G 1/015 (2008.04)
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B01D 21/00 (2006.01)
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A61K 38/15 (2006.01)
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2017303831	Crown Packaging Technology, Inc.	2018375667	Anavex Life Sciences Corp.
2017306279	Georgia-Pacific Gypsum LLC	2018379853	Efficient Auctions LLC
2017307962	Erasmus University Medical Center Rotterdam (Erasmus MC)	2018390412	Owens-Brockway Glass Container Inc.
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2017329103	Breville Pty Limited	2018418498	Unibind Limited
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2017331537	Holcim Technology Ltd	2019211964	Qualcomm Incorporated
2017339971	Zoetis Services LLC	2019216260	Janssen Sciences Ireland Unlimited Company
2017340126	Nutramax Laboratories, Inc.	2019219792	SoftKemo Pharma Corp
2017342136	Swellfix UK Limited	2019224695	Samsung Electronics Co., Ltd.
2017342277	REI, Inc.	2019239809	Kemira Oyj
2017347300	Husqvarna AB	2019245267	Northstar Medical Radioisotopes LLC
2017349617	Biogill Environmental Pty Limited	2019247936	Sun Pharmaceutical Industries Limited
2017354004	Case Western Reserve University	2019263674	Novo Nordisk A/S
2017357418	NV Bekaert SA	2019266197	Zoetis Services LLC
2017371380	Global Aquatica Pty Ltd	2019278810	Frantz Design Incorporated
2017374458	SK Biopharmaceuticals Co., Ltd.	2019293397	Biocompatibles UK Limited
2017374517	A R M Limited	2019319322	Samsung Electronics Co., Ltd.
2017374895	Electrolux Appliances Aktiebolag	2019325424	Soft-Tex Group, Inc.
2017380440	Orbital Marine Power Limited	2019329691	Jilfinity and Beyond, LLC.
2017380595	WIAB Water Innovation AB	2019330472	Vaughan IP Pty Ltd
2018200220	Warsaw Orthopedic, Inc.	2019333794	LG Electronics Inc.
2018201099	General Electric Company	2019341357	SK Biopharmaceuticals Co., Ltd.
2018201583	General Electric Company	2019344813	Haven Technology Solutions LLC
2018203789	SOLTEC ENERGÍAS RENOVABLES, SL	2019347602	Dexterity, Inc.
2018205254	Profile Products L.L.C.	2019348060	SERVICENOW CANADA INC.
2018207893	Chr. Hansen A/S	2019349124	Shenzhen Chipscreen Biosciences Co., Ltd.
2018209363	Cossalter, C.; Cossalter, S.	2019349770	CNH Industrial France S.A.S.
2018213947	DePuy Synthes Products, Inc.	2019357252	Dahiya, V.

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2019360713	3M Innovative Properties Company	2021200973	Fisher & Paykel Healthcare Limited
2019366442	Elekta, Inc.	2021201076	Keio University; The University of Tokyo
2019373174	ZTE Corporation	2021201245	Illumina, Inc.
2019384016	Huawei Technologies Co., Ltd.	2021201367	Fuzhou Autran Industrial Co., Ltd
2019393898	Cytozyme Laboratories, Inc.	2021201381	DSG Technology Holdings Ltd.
2019395743	Alfa Laval Corporate AB	2021201512	Splunk Inc.
2019406361	Reynolds Presto Products Inc.	2021202149	Illumina Cambridge Limited
2019407243	Inventio AG	2021202426	Implantica Patent Ltd
2019416605	LIVEOME INC.	2021202497	Antecip Bioventures II LLC
2019426202	BGI Shenzhen	2021202886	Invensys Systems, Inc.
2019427102	Aarbakke Innovation AS	2021202998	Transportation IP Holdings, LLC
2019430032	International Business Machines Corporation	2021203028	Dexcom, Inc.
2019432305	NordicCan A/S	2021203034	Context Systems LLP
2019440229	Hitachi Energy Switzerland AG	2021203838	Academisch Ziekenhuis Leiden
2019440423	Hitachi Energy Switzerland AG	2021204134	Uber Technologies, Inc.
2019445598	Wu, W.	2021204158	Small Pharma Ltd
2019449137	Elekta, Inc.	2021204488	Sandvik Intellectual Property AB
2019458418	Hsu, T.	2021204831	Bigfoot Biomedical, Inc.
2019459146	Qingdao Haier Special Freezer Co., Ltd; Haier Smart Home Co., Ltd.	2021205000	Prologium Technology Co., Ltd.; Prologium Holding Inc.
2020206615	Oro Agri Inc.	2021205078	University-Industry Cooperation Group of Kyung Hee University; Navipharm Co, Ltd
2020208383	Beijing Lado Technology Co., Ltd.	2021206919	Maquet Cardiopulmonary GmbH
2020209757	University of Maryland, Baltimore County	2021209191	Baxter International Inc.; Baxter Healthcare SA
2020209764	CareFusion 2200, Inc.	2021209269	United Services Automobile Association (USAA)
2020209765	CareFusion 2200, Inc.	2021211982	Merck Patent GmbH
2020214230	Abbott Diabetes Care Inc.	2021212001	Apple Inc.
2020219832	Becton, Dickinson and Company	2021212037	Electronics and Telecommunications Research Institute; University-Industry Cooperation Group of Kyung Hee University
2020223177	Google LLC	2021215238	Jusand Nominees Pty Ltd
2020226648	Case Western Reserve University; UH Cleveland Medical Center	2021229167	Apple Inc.
2020229639	Giken Ltd.	2021229176	NOMURA RESEARCH INSTITUTE, LTD.
2020232853	Inolux Investment Corporation	2021229221	The NOCO Company
2020233741	Rapid Pathogen Screening, Inc.	2021229237	State Grid Shanghai Municipal Electric Power Company; Tsinghua University
2020234382	Huawei Technologies Co., Ltd.	2021229246	LivePerson, Inc.
2020236329	Caterpillar Inc.	2021231334	Van Den Broek, L.; Willemsen, L.; Johnson, P.
2020242378	Chaturvedi, A.	2021232723	The NOCO Company
2020243692	Prilenia Neurotherapeutics Ltd.	2021232812	Boston Scientific Scimed, Inc.
2020244558	kaleo, Inc.	2021232829	GREENING BE GONE, LLC
2020251616	Huawei Technologies Co., Ltd.	2021232866	Motorola Solutions, Inc.
2020255899	IHI Corporation	2021236440	Rolapal Limited
2020256440	IDEXX Laboratories, Inc.	2021236508	Bayer HealthCare LLC
2020257564	LTS Lohmann Therapie-Systeme AG	2021240161	InterDigital Patent Holdings, Inc.
2020267394	Daniels Manufacturing Corporation	2021240206	Google LLC
2020269152	Colgate-Palmolive Company	2021244278	Tencent America LLC
2020271558	Ecolab USA Inc.	2021246918	Tencent America LLC
2020272887	Motorola Solutions, Inc.	2021250959	McCormick & Company, Incorporated
2020277738	Novartis AG	2021256831	Airbus Defence and Space SAS
2020278782	Gentex Corporation	2021257900	Tencent America LLC
2020281116	Taiwan Innovative Space, Inc.	2021257905	VIVORYON THERAPEUTICS N.V.
2020286295	Alcyone Therapeutics, Inc.	2021258068	Beijing Baidu Netcom Science Technology Co., Ltd.
2020290470	LivePerson, Inc.	2021261829	Google LLC
2020296206	ELC Management LLC	2021272989	ELC Management LLC
2020298542	ServiceNow, Inc.	2021273588	VANDA PHARMACEUTICALS INC.
2020298843	Merxin Ltd	2021277640	WP&E Technologies and Solutions, LLC
2020299634	ServiceNow, Inc.	2021285417	Echion Technologies Ltd
2020302866	Tencent America LLC	2021311138	Caterpillar Underground Mining Pty Ltd
2020306441	Kraft Foods Schweiz Holding GmbH	2021314022	Polyline Pipe Systems Limited
2020311257	Stamicarbon B.V.	2021408092	Incitec Pivot Limited
2020315051	Constantia Teich GmbH	2021411588	Academia Sinica
2020358901	Fronius International GmbH	2022200409	AiCuris GmbH & Co. KG
2020360410	Howmedica Osteonics Corp.	2022200746	The NOCO Company
2020365435	OMICRON Electronics GmbH	2022200840	Landis+Gyr Innovations, Inc.
2020412203	Globalforce IP Limited; Howard, P.; Betts, R.	2022201276	METROMAX AMERICA CORPORATION
2020418608	International Business Machines Corporation	2022202513	Dolby Laboratories Licensing Corporation
2020427553	Intuit Inc.	2022259750	ModernaTX, Inc.
2020437690	Tencent America LLC	2022291562	Dolby Laboratories Licensing Corporation
2020440028	Henan Longcheng Coal High Efficiency Technology Application Co., Ltd.	2023200179	Sonos, Inc.
2020470467	Jakeš, B.		
2021200271	Monsanto Technology LLC		
2021200398	Neozyme International, Inc.		
2021200636	Sigma-Aldrich Co. LLC		

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2018218386	2018233513	2018405512	2017292028	2021201076	<u>A61M 25 /-</u>
			2018219437		2020219832
<u>A01M 19 /-</u>	<u>A23B 4 /-</u>	<u>A47J 44 /-</u>	<u>A61K 101 /-</u>	<u>A61K 45 /-</u>	2020286295
2020412203	2017329103	2018405512	2020208383	2018375425	
				2019416605	<u>A61M 27 /-</u>
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2020412203	2018207893	2017347300	2016359920	2019219792	<u>A61M 39 /-</u>
			2016398029	2019263674	2020219832
<u>A01M 27 /-</u>	<u>A23L 27 /-</u>	<u>A61B 17 /-</u>	2017235631	2021232812	
2020412203	2021250959	2018213947	2017244116		<u>A61M 5 /-</u>
		2019200396	2017250509	<u>A61K 48 /-</u>	2018262694
<u>A01N 1 /-</u>	<u>A23L 3 /-</u>	2020360410	2017260873	2017307962	2020219832
2018374778	2021250959	<u>A61B 46 /-</u>	2017290244	<u>A61K 49 /-</u>	2020244558
			2017301929	2019293397	2021209191
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2020271558	2019416605	<u>A61B 5 /-</u>	2017340126	<u>A61K 51 /-</u>	<u>A61N 5 /-</u>
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	<u>A23P 30 /-</u>	2020214230	2017380595	2020208383	
<u>A01N 31 /-</u>	2018405512	2020219832	2018333249		<u>A61P 1 /-</u>
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	<u>A41D 19 /-</u>	2021203028	2018375425	2017380595	2019416605
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2018233513			2019216260	2021272989	<u>A61P 11 /-</u>
2021200271	<u>A42B 3 /-</u>	2018213947	2019219792		2019349124
2021232829	2020278782	<u>A61B 90 /-</u>	2019341357	<u>A61K 9 /-</u>	
			2019349124	2016398029	<u>A61P 13 /-</u>
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			2020257564	2017250509	
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			2021204158	2017354004	
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2018233513	2019329691	2019360713	2021211982	2019360713	2017340126
2019210916	2020296206	<u>A61D 1 /-</u>	2021257905	2019432305	2020277738
2020206615			2021273588	2020243692	
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			2022259750	2021232812	2017301929
<u>A01N 57 /-</u>	2019325424	<u>A61D 7 /-</u>	<u>A61K 33 /-</u>	2022259750	2018373258
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		2018219437	<u>A61K 35 /-</u>	2018306824	2020243692
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	2021236440	2021201381	2021201076		2021204158
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2019393898	2020470467	2020360410	<u>A61K 38 /-</u>	2021206919	2018375425
2021200398		2021202426	2016287209	2021209191	2019349124
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2019266197	2018240553		<u>B42D 3 /-</u>	2021231334	
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2018364218	<u>B04B 11 /-</u>	2017306279	2017342277	<u>B65D 33 /-</u>	<u>B65G 47 /-</u>
2019219792	2019395743	<u>B29C 41 /-</u>	<u>B60K 31 /-</u>	2019406361	2019347602
2020277738	<u>B04B 5 /-</u>	2017374517	2021311138	<u>B65D 35 /-</u>	<u>B65G 61 /-</u>
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2017301929	<u>B04C 5 /-</u>	<u>B29C 65 /-</u>	2021229221	2017303831	<u>B82Y 10 /-</u>
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<u>A61Q 11 /-</u>	2017349617	2017271246	<u>B60T 10 /-</u>	<u>B65D 5 /-</u>	<u>B82Y 5 /-</u>
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2019458418	<u>B23Q 16 /-</u>	2017271248	2020281116	<u>B65D 6 /-</u>	<u>C02F 1 /-</u>
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<u>B01D 53 /-</u>	<u>B24B 7 /-</u>	2020315051	2020267394	2018390412	<u>C04B 111 /-</u>
2017274277	2017347300	<u>B32B 7 /-</u>	<u>B65B 35 /-</u>	2020296206	2017306279
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2017266448	<u>B25J 9 /-</u>	<u>B33Y 30 /-</u>	2017271246	2021229176	
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2021408092	<u>C07D 401 /-</u>	2021411588	2018207893	<u>D21H 23 /-</u>	<u>E21B 11 /-</u>
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2021408092	2020206615	2018298022		<u>E01C 11 /-</u>	<u>E21B 12 /-</u>
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2021408092	<u>C07D 403 /-</u>	<u>C08L 89 /-</u>	<u>C12Q 1 /-</u>	<u>E01C 7 /-</u>	<u>E21B 23 /-</u>
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<u>C07D 235 /-</u>	2017354004	2019393898	2017204328	2021236508	<u>E21C 31 /-</u>
2019219792	2018250926	2021200398	<u>C25B 15 /-</u>	2021311138	2017330397
<u>C07D 237 /-</u>	2019247936	2021201076	2019245267	2017286684	<u>E21D 20 /-</u>
2020277738	2019263674	2021205078	<u>C40B 40 /-</u>	<u>E04F 11 /-</u>	2017293788
<u>C07D 261 /-</u>	2019416605	<u>C12N 15 /-</u>	<u>C40B 70 /-</u>	2018269389	<u>E21D 9 /-</u>
2019210916	2021200398	2016359920	2018358057	<u>E04H 9 /-</u>	2017330397
	2021200636	2017307962	<u>D06F 33 /-</u>	2018269389	<u>F01K 11 /-</u>
	2021203838	2018218386	2017281507	<u>E05B 1 /-</u>	2018201583
	<u>C07K 16 /-</u>	2018358057	<u>D06F 39 /-</u>		
	2016328357	2019416605	2017281507		
	2016359920	2020209757			
		2021200636			

Applications Accepted - IPC Index cont'd

F01K 25 /-	F21S 9 /-	G01N 31 /-	2021229167 2021232866 2022291562	2021229176	2021285417
2018201583	2022201276	2018306824		G06V 10 /-	H01Q 1 /-
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2018201583	2022201276	2016378909 2020233741 2020256440 2021200636 2021201245 2021411588	2020290470	G06V 30 /-	H02H 9 /-
F02K 9 /-	F21V 3 /-		G06F 8 /-	2018262694	2019440423
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F02P 3 /-	F24D 10 /-	G01R 19 /-	G06N 10 /-	2021229176	2019440423
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F03B 13 /-	F24D 11 /-	G01V 3 /-	G06N 20 /-	2020272887	2020255899 2020358901 2021229237
2017380440	2017329207	2017342136	2019348060	G09G 5 /-	H02J 7 /-
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F04B 47 /-	2018201583	G05B 19 /-	G06Q 10 /-	2018338424	2021246918
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F16M 11 /-	G01N 30 /-				
2017331498 2019357252	2018351586				

Applications Accepted - IPC Index cont'd

2019319322	<u>H04W 76 /-</u>
2021209269	
	2018369297
<u>H04N 11 /-</u>	2018369300
2020437690	<u>H04W 84 /-</u>
<u>H04N 19 /-</u>	2022200840
2019384016	<u>H04W 88 /-</u>
2020302866	
2021212037	2018369297
2021244278	<u>H04W 92 /-</u>
<u>H04N 21 /-</u>	2018369297
2021203034	<u>H05B 6 /-</u>
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2020437690	<u>H05K 5 /-</u>
2021257900	
<u>H04Q 9 /-</u>	2019333794
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<u>H04W 12 /-</u>	
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<u>H04W 36 /-</u>	
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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) Apple Inc.
(11) AU-B-2020100218
(21) 2020100218 (22) 14.02.2020
(54) Process for updating templates used in facial recognition
(51) Int. Cl.
G06F 21/32 (2013.01)
(45) 02.03.2023
(62) PCT/US2018/015511
(72) MOSTAFA, Eslam A.; GUO, Haitao; TANG, Feng
(74) FPA Patent Attorneys Pty Ltd

(71) Lastavec, S.
(11) AU-B-2022100148
(21) 2022100148 (22) 20.10.2022
(54) A self-supporting split skillion portal frame
(51) Int. Cl.
E04B 7/06 (2006.01)
E04B 7/02 (2006.01)
(45) 02.03.2023
(62) 2021211997
(72) Lastavec, Steven
(74) Patentec Patent Attorneys

(71) Pilbara Conveyor Supplies Pty Ltd
(11) AU-B-2022100130
(21) 2022100130 (22) 15.09.2022
(54) Blade assembly
(51) Int. Cl.
B65G 45/12 (2006.01)
(45) 02.03.2023
(62) 2020257161
(72) Morris, Jack Joseph
(74) Minter Ellison

Numerical Index

2020100218 Apple Inc.
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2022100148 Lastavec, S.

IPC Index

B65G 45 /-

2022100130

E04B 7 /-

2022100148

G06F 21 /-

2020100218

Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Lodged

2019377278 **Yissum Research Development Company of the Hebrew University of Jerusalem Ltd.** (Vow Group Pty Ltd)

Patents Granted

Standard Patents

2015309728	2015411098	2016318051	2016319093
2016326711	2016335502	2016337408	2016340121
2016385362	2016399229	2016422890	2017202850
2017203540	2017203652	2017203802	2017208953
2017209195	2017210259	2017211414	2017216469
2017225051	2017232085	2017234815	2017236260
2017253821	2017260655	2017267092	2017268129
2017276542	2017277876	2017285696	2017294925
2017305067	2017316501	2017318136	2017318578
2017323663	2017326638	2017329007	2017331031
2017331556	2017331813	2017339390	2017353943
2017355395	2017362258	2017367092	2017371480
2017380353	2017384503	2017385032	2017386521
2018200139	2018200947	2018204648	2018204716
2018213217	2018227845	2018234083	2018234497
2018235369	2018236513	2018274453	2018276303
2018289109	2018297692	2018303551	2018308280
2018334268	2018341551	2018341637	2018346758
2018370279	2018397759	2018440280	2018451799
2019200835	2019206094	2019210519	2019265796
2019273386	2019283771	2019289113	2019290037
2019310803	2019317542	2019324302	2019336019
2019339404	2019349915	2019368519	2019370701
2019372717	2019385785	2019385971	2019398381
2019410616	2019428076	2019434099	2019469817
2019472715	2020209977	2020217548	2020227759
2020239702	2020239790	2020244387	2020246265
2020247075	2020255443	2020257060	2020257078
2020257133	2020258854	2020260153	2020260478
2020260860	2020267130	2020269874	2020277103
2020277198	2020289737	2020316875	2020383515
2020426866	2021200150	2021200212	2021200370
2021200895	2021201458	2021201471	2021201534
2021201538	2021201906	2021202589	2021202679
2021202819	2021202850	2021204978	2021206812
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2021257962	2021258043	2021266282	2022202205

Innovation Patents

2021107672	2023100007	2023100008	2023100011
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Revocation

It is hereby notified that the offer by the Patentee **Almac Discovery Limited** to surrender Patent 2017346516 which was advertised in the Official Journal of 22.12.2022 has been accepted and the Patent has been revoked in accordance with Section 137 of the Patents Act.

It is hereby notified that the offer by the Patentee **Novartis AG** to surrender Patent 2006236423 which was advertised in the Official Journal of 05.01.2023 has been accepted and the Patent has been revoked in accordance with Section 137 of the Patents Act.

It is hereby notified that the offer by the Patentee **Novartis AG** to surrender Patent 2014203270 which was advertised in the Official Journal of 05.01.2023 has been accepted and the Patent has been revoked in accordance with Section 137 of the Patents Act.

Assignments Registered

2006307005 GeumVit Corp The patent has been assigned to **GV Lightec Co., Ltd**

2013243711 eBay Inc. The patent has been assigned to **PayPal, Inc.**

2014308801 Kerry Luxembourg S.a.r.l. The patent has been assigned to **Kerry Group Services International Limited**

2015373628 Charité-Universitätsmedizin Berlin The patent has been assigned to **Wagner, Susanne; Schnorr, Jörg; Taupitz, Matthias**

2016248231 Kerry Luxembourg S.a.r.l. The patent has been assigned to **Kerry Group Services International Limited**

2018249955 KnowFlame, Inc. The patent has been assigned to **Polaris Sensor Technologies, Inc.**

2021105208 J Murphy & Sons Pty Ltd The patent has been assigned to **Hardinge Street Nominees Pty Ltd**

2021105209 J Murphy & Sons Pty Ltd The patent has been assigned to **Hardinge Street Nominees Pty Ltd**

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Accepted

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

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

2011253775 **Akarx, Inc.**

The earliest first regulatory approval date provided by the patentee 16 Jan 2023

For the goods DOPTLET avatrombopag (as maleate)

Address for service : RnB IP Pty Ltd PO Box 9530 DEAKIN ACT 2600 AU

Applications Withdrawn

The following application(s) for Extension of Term have been withdrawn under Section 73.

2014202404 **ViiV Healthcare Company**

The earliest first regulatory approval date provided by the patentee 23 Feb 2021

For the goods CABENUVA cabotegravir

Extensions granted

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

2009305980 **ACTELION PHARMACEUTICALS LTD**

The earliest first regulatory approval date provided by the patentee 11 Mar 2022

For the goods PONVORY ponesimod

Extension of Term of patent pursuant to Section 77 expires on 19 Oct 2034

2013355237 **Alnylam Pharmaceuticals, Inc.**

The earliest first regulatory approval date provided by the patentee 14 Sep 2021

For the goods LEQVIO inclisiran

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Extensions granted

Extension of Term of patent pursuant to Section 77 expires on 14 Sep 2036

Corrigenda

In Vol 34 , No 5 , Page(s) 753 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Champion Link International Corporation, Application No. 2018293219, under INID (72) add co-inventor BAERT, Thomas Luc Martine

In Vol 57 , No 4 , Page(s) 577 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Merck Patent GmbH, Application No. 2021292433, under INID (72) correct the co-inventor to OKITSU, Lukas Shinji

In Vol 57 , No 4 , Page(s) 616 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name of Tytonical Ltd., Application No. 2021277571, under INID (71) correct the applicant name to Tytonical Limited.

In Vol 57 , No 4 , Page(s) 663 under the heading **Applications Accepted - Name Index** Under the name Colgate-Palmolive Company, Application No. 2021236443, under INID (56) correct number to read US 20150044629 A1

In Vol 57 , No 6 , Page(s) 923 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name DCPrime B.V., Application No. 2021302958, under INID (71) correct the applicant name to Mendus B.V.

In Vol 57 , No 7 , Page(s) 1064 under the heading **PCT applications that have entered the National Phase - Name Index** Under the names Genentech, Inc. and Universiteit Utrecht Holding B.V., Application No. 2021313128, under INID (72) correct the co-inventor to HECHT, Elizabeth Sara

In Vol 57 , No 7 , Page(s) 1113 under the heading **Applications Accepted - Name Index** Under the name Champion Link International Corporation, Application No. 2018293219, under INID (72) add co-inventor BAERT, Thomas Luc Martine

Specifications Republished

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

2019201157	ALSTOM Transport Technologies
2019334152	Knorr-Bremse Systeme Für Nutzfahrzeuge GmbH
2019382639	Huawei Technologies Co., Ltd.
2020442534	Toshiba Mitsubishi-Electric Industrial Systems Corporation
2021258058	Acer Incorporated
2021271129	Molecular Partners AG
2021290217	The Boeing Company
2022269039	Fire NDT Pty Ltd
2023200153	CHEN, H.; CHEN, W.