



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

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General Information

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

Editorial enquiries

Contact information

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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).

NOTE: When ordering any patent document from us, whether accepted or not, please quote the application/patent number preceded by the appropriate prefix.

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

1. 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 applications filed - Name Index	
The <u>name</u> of the applicant	(71)	The <u>name</u> of the applicant	(71)
The <u>number</u> assigned to the application	(21)	The <u>number</u> assigned to the application	(21)
The <u>date</u> of filing	(22)	The <u>date</u> of filing	(22)
The <u>title</u> of the invention	(54)	<u>Title</u> of the invention	(54)
		<u>Number</u> of priority document(s) if any	(31)
		<u>Date(s)</u> of filing of priority documents	(32)
		<u>Country</u> of which priority documents filed	(33)
		PCT application <u>number</u>	(86)

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

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

2. 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.
- (44) 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.
- (45) 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.

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

***Apple Inc* [2022] APO 60**

Patent Application: 2020201129

Title: Unified communication application

Patent Applicant: Apple Inc

Delegate: Greg Powell

Decision Date: 31 August 2022

Hearing Date: Written submissions filed on 13 May 2022

Catchwords: **PATENTS** – section 45 – examiner’s objection of lack of inventive step – creation of a communication session history – examiner’s objection cannot be sustained in light of available information – application referred back to examination for further consideration

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

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 23 Aug 2022 .

(71) Agriculture Victoria Services Pty Ltd (21) 2022902440 (22) 25.08.2022 (54) TAXONOMIC PROFILING II	(71) Beattie, J.; Carucci, N. (21) 2022902438 (22) 25.08.2022 (54) AUTOMATED ANIMAL TRAP	(71) Clearshield Security Pty Ltd (21) 2022902424 (22) 24.08.2022 (54) Security Screen
(71) AIVF Technologies Pty Ltd (21) 2022902430 (22) 25.08.2022 (54) Biological cell development device	(71) Beaumont-Jones, J. (21) 2022902478 (22) 29.08.2022 (54) An ergonomically wearable fishing rod holder device	(71) Coles, P. (21) 2022902475 (22) 29.08.2022 (54) A STRIP ADAPTED FOR USE WITH AN AUTOMOTIVE WINDSCREEN
(71) Alcoa of Australia Limited (21) 2022902444 (22) 26.08.2022 (54) PROCESS FOR PREPARING ALUMINA	(71) Beckman Consulting Pty Ltd (21) 2022902473 (22) 29.08.2022 (54) A MOUNTING DEVICE	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2022902445 (22) 26.08.2022 (54) Sensor apparatus for partially saturated porous media applications
(71) Anaxis Pharma Pty Ltd (21) 2022902459 (22) 26.08.2022 (54) Benzothiazole compounds	(71) Bentham, M. (21) 2022902450 (22) 26.08.2022 (54) A ROOFING CLIP AND METHOD OF USE	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2022902446 (22) 26.08.2022 (54) Sensor Apparatus for use in Liquids, Suspensions and Slurries
(71) AQUIRIAN TECHNOLOGY PTY LTD (21) 2022902437 (22) 25.08.2022 (54) APPARATUS AND METHOD FOR MEASURING BORE HOLE DEPTH	(71) Berk International Pty Ltd (21) 2022902427 (22) 24.08.2022 (54) Drive assembly	(71) Cuvos Pty Ltd (21) 2022902462 (22) 26.08.2022 (54) A REAL-TIME HARDWARE-BASED SIGNAL PROCESSING DEVICE
(71) Atmo Biosciences Pty Ltd (21) 2022902414 (22) 23.08.2022 (54) Ingestible capsule with on-board sensor hardware	(71) Bluevault Pty Ltd (21) 2022902449 (22) 26.08.2022 (54) Weed control device and method	(71) Docker Protective Products Pty Limited (21) 2022902425 (22) 24.08.2022 (54) Magnetic tyre cover
(71) Atmo Biosciences Pty Ltd (21) 2022902415 (22) 23.08.2022 (54) Method, program, and apparatus for detecting small intestinal bacterial overgrowth	Briscoe-hough, J. see Groves, C. (21) 2022902486	(71) Donaghys Limited; Yeritsyan, K. (21) 2022902431 (22) 25.08.2022 (54) DRY SEED COMPOSITION AND RELATED METHODS OF MANUFACTURE AND USE
(71) Atmo Biosciences Pty Ltd (21) 2022902416 (22) 23.08.2022 (54) Gastroparesis diagnostic method, program, and apparatus	(71) Bruin, M. (21) 2022902432 (22) 25.08.2022 (54) A tool to prevent hand tools and other items being dropped	(71) FBJ Holdings Pty Ltd (21) 2022902487 (22) 30.08.2022 (54) MODULAR FURNITURE
(71) CE ITS Holdings Pty Ltd (21) 2022902453 (22) 26.08.2022 (54) Boom gate	Carucci, N. see Beattie, J. (21) 2022902438	

Provisional Applications Filed - Name Index cont'd

(71) FOWLER, O.
(21) 2022902433 (22) 25.08.2022
(54) Vehicle asset benchmarking system

(71) Gatward, T.
(21) 2022902488 (22) 30.08.2022
(54) Platform for creating community group chats

(71) Gill, D.
(21) 2022902418 (22) 24.08.2022
(54) Automatic Chicken Feeder

(71) GME Pty Ltd.
(21) 2022902451 (22) 26.08.2022
(54) Receiver for land mobile and marine radio applications

(71) Groves, C.; Briscoe-hough, J.
(21) 2022902486 (22) 30.08.2022
(54) Basketball shooting form aid apparatus

(71) Hand 2 Heart Holdings Pty Ltd
(21) 2022902411 (22) 23.08.2022
(54) Fabric

(71) Hardy Avenue Investments Pty Ltd
(21) 2022902465 (22) 27.08.2022
(54) Method of Personality Compatibility Assessment

(71) Hotchandani, S.
(21) 2022902441 (22) 25.08.2022
(54) Use of Artificial Intelligence, Machine Learning, Deep Learning, RPA, Blockchain, Web 4.0 (autonomous, proactive, content-exploring, self-learning, collaborative, and content-generating agents based on fully matured semantic and reasoning technologies) Voice Control and Command, Adjoining similar useful platforms primarily focused on reshaping the accounting industry.

(71) Hydroflex Global Pty Ltd
(21) 2022902479 (22) 29.08.2022
(54) AN ELECTROLYSER OUTPUT TREATMENT SYSTEM

(71) Innovgas Pty Ltd
(21) 2022902447 (22) 26.08.2022
(54) NASAL CATHETER APPARATUS

(71) James Joyce and Associates Pty Ltd (as trustee for the Joyce Consulting Trust)
(21) 2022902482 (22) 29.08.2022
(54) Gasification apparatus and method

(71) Kazamias, C.
(21) 2022902456 (22) 26.08.2022
(54) Integrated New Concept Vending and Unattended Retail Cabinet and Locker Box and Management and Payment System with Novel User Experience, Stock Management, Communications, Safety, Hygiene and Error Management and User Loyalty and Impulsive purchase behaviour

(71) Kinaltek Antifouling Systems
(21) 2022902469 (22) 29.08.2022
(54) Long-term antifouling covering

(71) Kinaltek Antifouling Systems
(21) 2022902471 (22) 29.08.2022
(54) Long-term antifouling paint

(71) Kinaltek Antifouling Systems
(21) 2022902472 (22) 29.08.2022
(54) Long-term antifouling protection

(71) Krizaj, C.
(21) 2022902477 (22) 29.08.2022
(54) Spacer assembly and associated method for spacing a window or door frame from surrounding framework

(71) MCGILL, M.
(21) 2022902458 (22) 26.08.2022
(54) GOLF STROKE GUIDE SYSTEM

(71) Milanovic, R.
(21) 2022902463 (22) 26.08.2022
(54) Fishing Aid

(71) Mobbs, R.
(21) 2022902435 (22) 25.08.2022
(54) A teat product and a method of producing a teat product

(71) Newcrest Mining Limited
(21) 2022902410 (22) 23.08.2022
(54) SELECTIVE PROCESSING

(71) Pacer Profiles Pty Ltd
(21) 2022902461 (22) 26.08.2022
(54) A CHANNEL STRIP FOR DRAINS

(71) Pharmaxis Ltd.
(21) 2022902483 (22) 29.08.2022
(54) A novel selective inhibitor of lysyl oxidases

(71) Powers, R.
(21) 2022902452 (22) 26.08.2022
(54) A LIGHTING FIXTURE ASSEMBLY

(71) ResMed Pty Ltd
(21) 2022902417 (22) 24.08.2022
(54) METHODS AND APPARATUS FOR INCREASING BREATHING COMFORT DURING RESPIRATORY THERAPY

(71) ResMed Pty Ltd
(21) 2022902442 (22) 25.08.2022
(54) INTERFACING STRUCTURE FOR EYEWEAR

(71) ResMed Pty Ltd
(21) 2022902476 (22) 29.08.2022
(54) HEAT AND MOISTURE EXCHANGER DEVICE FOR A PATIENT INTERFACE

(71) Robert Dura Corporation Pty Ltd
(21) 2022902464 (22) 27.08.2022
(54) A SINGLE ACCESS COMMUNICATION AND INTERACTIVE DATA APPLICATION

(71) RUDECKI, M.
(21) 2022902419 (22) 24.08.2022
(54) BANNER ASSEMBLY

(71) RUDECKI, M.
(21) 2022902439 (22) 25.08.2022
(54) BANNER ASSEMBLY

S & L Riley Pty Ltd see SILVER ARCHER PTY LTD
(21) 2022902429

(71) SAMSARA ECO PTY LIMITED
(21) 2022902455 (22) 26.08.2022
(54) Enzyme variants and uses thereof

(71) SAMSARA ECO PTY LIMITED
(21) 2022902457 (22) 26.08.2022
(54) Enzymes and uses thereof

(71) SAMSARA ECO PTY LIMITED
(21) 2022902460 (22) 26.08.2022
(54) Enzyme variants and uses thereof

(71) Sattler, C.
(21) 2022902485 (22) 30.08.2022
(54) A Structural Connector Assembly

(71) Schroedel, H.
(21) 2022902474 (22) 29.08.2022
(54) Protective structure fighting ocean waves at low lying coral atolls

(71) Selvax Pty Ltd
(21) 2022902421 (22) 24.08.2022
(54) Immunologic Agent Against Canine Malignancy

Provisional Applications Filed - Name Index cont'd

(71) Servatus Ltd
 (21) 2022902480 (22) 29.08.2022
 (54) Methods for the treatment of constipation

(71) SILVER ARCHER PTY LTD; S & L Riley Pty Ltd
 (21) 2022902429 (22) 24.08.2022
 (54) DRUM BRUSH

(71) SMM Enterprises Pty Ltd
 (21) 2022902484 (22) 29.08.2022
 (54) Wheel Cover

(71) STIP Pty Ltd
 (21) 2022902436 (22) 25.08.2022
 (54) A snow sport apparatus

(71) Sts3d concepts
 (21) 2022902470 (22) 29.08.2022
 (54) Vehicle mounted LED illuminated safety flag pole with proximity detection and visual alert system built in called VPA.

(71) St Vincent's Institute of Medical Research
 (21) 2022902481 (22) 29.08.2022
 (54) Improved classification methods for machine learning

(71) Surenut Pty Ltd
 (21) 2022902420 (22) 24.08.2022
 (54) IMPROVED METHOD FOR CLASSIFICATION OF AN EDIBLE SEED AND A SCANNING DEVICE THEREFOR

(71) TAIPAN TECHNOLOGIES PTY LTD
 (21) 2022902454 (22) 26.08.2022
 (54) IMPROVEMENTS IN THE EFFICIENCY OF USE OF ENERGETIC MATERIALS TO ACHIEVE AUGMENTATION OF A DETONATION WAVE

(71) The University of Queensland; UniQuest Pty Ltd
 (21) 2022902448 (22) 26.08.2022
 (54) A wheel system having a pressure release

(71) TOWER FOUNDATIONS LIMITED
 (21) 2022902422 (22) 24.08.2022
 (54) WIND TOWER FOUNDATION

(71) Tripletail Pty Ltd
 (21) 2022902443 (22) 26.08.2022
 (54) Bicycle Bell

UniQuest Pty Ltd see The University of Queensland
 (21) 2022902448

(71) UP MANAGEMENT SOLUTIONS PTY LTD t/a Smartmaps.ai ACN 654 099 037
 (21) 2022902405 (22) 23.08.2022
 (54) SynPlanet

(71) VIBERIDE INVENTIONS LLC
 (21) 2022902428 (22) 24.08.2022
 (54) Modular Skateboard Brake

(71) Walking Floors Pty Ltd
 (21) 2022902426 (22) 24.08.2022
 (54) Self-Unloading Container for Releasable Mounting to Transport Trailers

(71) Wong, C.
 (21) 2022902423 (22) 24.08.2022
 (54) System for compression and decompression

(71) Xero Limited
 (21) 2022902412 (22) 23.08.2022
 (54) Methods, systems and computer-readable media for training document type prediction models, and use thereof to creating accounting records

(71) Xorro Pty Ltd
 (21) 2022902413 (22) 23.08.2022
 (54) Bin Status System and Method

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 (21) 2022902431

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2022902410	Newcrest Mining Limited	2022902479	Hydroflex Global Pty Ltd
2022902411	Hand 2 Heart Holdings Pty Ltd	2022902480	Servatus Ltd
2022902412	Xero Limited	2022902481	St Vincent's Institute of Medical Research
2022902413	Xorro Pty Ltd	2022902482	James Joyce and Associates Pty Ltd (as trustee for the Joyce Consulting Trust)
2022902414	Atmo Biosciences Pty Ltd	2022902483	Pharmaxis Ltd.
2022902415	Atmo Biosciences Pty Ltd	2022902484	SMM Enterprises Pty Ltd
2022902416	Atmo Biosciences Pty Ltd	2022902485	Sattler, C.
2022902417	ResMed Pty Ltd	2022902486	Groves, C.; Briscoe-hough, J.
2022902418	Gill, D.	2022902487	FBJ Holdings Pty Ltd
2022902419	RUDECKI, M.	2022902488	Gatward, T.
2022902420	Surenut Pty Ltd		
2022902421	Selvax Pty Ltd		
2022902422	TOWER FOUNDATIONS LIMITED		
2022902423	Wong, C.		
2022902424	Clearshield Security Pty Ltd		
2022902425	Docker Protective Products Pty Limited		
2022902426	Walking Floors Pty Ltd		
2022902427	Berk International Pty Ltd		
2022902428	VIBERIDE INVENTIONS LLC		
2022902429	SILVER ARCHER PTY LTD; S & L Riley Pty Ltd		
2022902430	AIVF Technologies Pty Ltd		
2022902431	Donaghys Limited; Yeritsyan, K.		
2022902432	Bruin, M.		
2022902433	FOWLER, O.		
2022902435	Mobbs, R.		
2022902436	STIP Pty Ltd		
2022902437	AQUIRIAN TECHNOLOGY PTY LTD		
2022902438	Beattie, J.; Carucci, N.		
2022902439	RUDECKI, M.		
2022902440	Agriculture Victoria Services Pty Ltd		
2022902441	Hotchandani, S.		
2022902442	ResMed Pty Ltd		
2022902443	Tripletail Pty Ltd		
2022902444	Alcoa of Australia Limited		
2022902445	Commonwealth Scientific and Industrial Research Organisation		
2022902446	Commonwealth Scientific and Industrial Research Organisation		
2022902447	Innovgas Pty Ltd		
2022902448	The University of Queensland; UniQuest Pty Ltd		
2022902449	Bluevault Pty Ltd		
2022902450	Bentham, M.		
2022902451	GME Pty Ltd.		
2022902452	Powers, R.		
2022902453	CE ITS Holdings Pty Ltd		
2022902454	TAIPAN TECHNOLOGIES PTY LTD		
2022902455	SAMSARA ECO PTY LIMITED		
2022902456	Kazamias, C.		
2022902457	SAMSARA ECO PTY LIMITED		
2022902458	MCGILL, M.		
2022902459	Anaxis Pharma Pty Ltd		
2022902460	SAMSARA ECO PTY LIMITED		
2022902461	Pacer Profiles Pty Ltd		
2022902462	Cuvos Pty Ltd		
2022902463	Milanovic, R.		
2022902464	Robert Dura Corporation Pty Ltd		
2022902465	Hardy Avenue Investments Pty Ltd		
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2022902470	Sts3d concepts		
2022902471	Kinaltek Antifouling Systems		
2022902472	Kinaltek Antifouling Systems		
2022902473	Beckman Consulting Pty Ltd		
2022902474	Schroedel, H.		
2022902475	Coles, P.		
2022902476	ResMed Pty Ltd		
2022902477	Krizaj, C.		

Complete Applications Filed

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Applications listed below were processed through the Patent Office Canberra during the period ending 23 Aug 2022 .

. (*) Title not in Roman characters

. (**) Title not given

<hr/> <p>(71) Abiomed, Inc. (21) 2022218599 (22) 19.08.2022 (54) Blood pump assembly having a sensor and a sensor shield (62) 2017279518</p> <hr/> <p>(71) AlaMab Therapeutics, Inc. (21) 2022218583 (22) 18.08.2022 (54) Connexin 43 Antibodies And Use Thereof (62) 2020219112</p> <hr/> <p>(71) Alexander, A.; Yaakoub, J. (21) 2022218604 (22) 19.08.2022 (54) Technique and device for killing viruses in human lung (31) 789813 (32) 25.08.21 (33) NZ</p> <hr/> <p>(71) algoriddim GmbH (21) 2022218554 (22) 18.08.2022 (54) Method and device for decomposing, recombining and playing audio data (62) 2020432954</p> <hr/> <p>Amgen Inc. see Novo Nordisk A/S (21) 2022218573</p> <hr/> <p>(71) Angel Group Co., Ltd. (21) 2022218523 (22) 17.08.2022 (54) CARD-CENTERED ABNORMALITY DETECTION SYSTEM USING CAMERA AND SHOE (62) 2020277250</p> <hr/> <p>(71) Angel Group Co., Ltd. (21) 2022218525 (22) 17.08.2022 (54) TABLE GAME SYSTEM (62) 2020281171</p> <hr/> <p>(71) Anjarium Biosciences AG (21) 2022218603 (22) 19.08.2022 (54) HYBRIDOSOMES, COMPOSITIONS COMPRISING THE SAME, PROCESSES FOR THEIR PRODUCTION AND USES THEREOF (62) 2020227129</p> <hr/> <p>(71) Annoroad Gene Technology (Beijing) Co., Ltd (21) 2022218581 (22) 18.08.2022</p>	<p>(54) SEQUENCING DATA-BASED ITD MUTATION RATIO DETECTING APPARATUS AND METHOD (62) 2018391843</p> <hr/> <p>(71) Apple Inc. (21) 2022218517 (22) 17.08.2022 (54) Authenticated device used to unlock another device (62) 2020207785</p> <hr/> <p>(71) Apple Inc. (21) 2022218518 (22) 17.08.2022 (54) Devices, methods, and user interfaces for providing audio notifications (62) 2019347704</p> <hr/> <p>(71) Apple Inc. (21) 2022218540 (22) 18.08.2022 (54) User interfaces for audio media control (62) 2022202458</p> <hr/> <p>(71) Apple Inc. (21) 2022218607 (22) 19.08.2022 (54) Context-specific user interfaces (62) 2021202797</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2022218562 (22) 18.08.2022 (54) A GAMING SYSTEM AND METHOD OF GAMING (62) 2020205232</p> <hr/> <p>(71) Astellas Institute for Regenerative Medicine (21) 2022218516 (22) 17.08.2022 (54) Improved assays for potency of human retinal pigment epithelium (RPE) cells and photoreceptor progenitors (62) 2016235176</p> <hr/> <p>(71) BASF; ExxonMobil Research and Engineering Company (21) 2022218512 (22) 17.08.2022 (54) PROCESS FOR INCREASED SELECTIVITY AND CAPACITY FOR THE HYDROGEN SULFIDE CAPTURE FROM ACID GASES (62) 2016382612</p> <hr/> <p>(71) Becton, Dickinson and Company (21) 2022218539 (22) 18.08.2022</p>	<p>(54) Universal cap for male and female connectors (62) 2020214784</p> <hr/> <p>(71) Becton, Dickinson and Company (21) 2022218580 (22) 18.08.2022 (54) Liquid dispenser with manifold mount for modular independently-actuated pipette channels (62) 2017269556</p> <hr/> <p>(71) Becton, Dickinson and Company (21) 2022218605 (22) 19.08.2022 (54) Enhanced platen for pharmaceutical compounding (62) 2020294345</p> <hr/> <p>(71) Best Masonry Bricks & Pavers Pty Ltd (21) 2022218561 (22) 18.08.2022 (54) Retaining Wall System and Blocks for Building the Retaining Wall (31) 2021902581 (32) 18.08.21 (33) AU</p> <hr/> <p>(71) Biogen MA Inc. (21) 2022218560 (22) 18.08.2022 (54) Benzoazepine analogs as inhibiting agents for Bruton's tyrosine kinase (62) 2018253209</p> <hr/> <p>(71) Board of Regents of The University of Texas System (21) 2022218532 (22) 17.08.2022 (54) SURGICAL APPARATUS (62) 2021204249</p> <hr/> <p>Boutros, J. see Data.world, Inc. (21) 2022218590</p> <hr/> <p>(71) Breville Pty Limited (21) 2022218557 (22) 18.08.2022 (54) A sous vide appliance (62) 2019240769</p> <hr/> <p>(71) Cardioguidance Biomedical, LLC (21) 2022218591 (22) 19.08.2022 (54) Guidewire navigation system with direct visualization feature (62) 2020289888</p> <hr/> <p>(71) Carl Freudenberg KG (21) 2022218574 (22) 18.08.2022</p>
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(54) MULTIDIRECTIONAL DUSTING TOOL
(31) 17/478,700 (32) 17.09.21 (33) US

(71) Citrix Systems, Inc.
(21) 2022218514 (22) 17.08.2022
(54) Systems and methods for virtual session connection using component-based connection leases
(62) 2020279011

(71) Commonwealth Scientific and Industrial Research Organisation
(21) 2022218528 (22) 17.08.2022
(54) Processes for producing industrial products from plant lipids
(62) 2015286221

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(21) 2022218590 (22) 19.08.2022
(54) Collaborative dataset consolidation via distributed computer networks
(62) 2017282656

(71) Deere & Company
(21) 2022218543 (22) 18.08.2022
(54) Laser reference tracking and target corrections for work machines
(31) 17/479,470 (32) 20.09.21 (33) US

(71) Dexcom, Inc.
(21) 2022218567 (22) 18.08.2022
(54) Biointerface layer for analyte sensors
(62) 2020203239

(71) Dexcom, Inc.
(21) 2022218594 (22) 19.08.2022
(54) Continuous analyte monitoring system power conservation
(62) 2020201745

(71) Duke University
(21) 2022218510 (22) 17.08.2022
(54) NON-REGULAR ELECTRICAL STIMULATION PATTERNS FOR IMPROVED EFFICIENCY IN TREATING PARKINSON'S DISEASE
(62) 2020210149

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(21) 2022218512

(71) Fasteners for Retail, Inc.
(21) 2022218598 (22) 19.08.2022
(54) ANTI-SWEEPING HOOK WITH INTEGRATED INVENTORY MONITORING

AND/OR LOSS PREVENTION FUNCTIONALITY
(31) 63/236,097 (32) 23.08.21 (33) US
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(71) Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.; Friedrich-Alexander-Universitaet Erlangen-Nuernberg
(21) 2022218521 (22) 17.08.2022
(54) Generating channel access patterns for networks that are not coordinated with one another
(62) 2019291074

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(21) 2022218590

(71) Grip Systems Limited
(21) 2022218553 (22) 18.08.2022
(54) Tape Dispenser
(31) 2111927.6 (32) 19.08.21 (33) GB

(71) Hendrickson USA, L.L.C.
(21) 2022218519 (22) 17.08.2022
(54) Axle-to-beam connection for heavy-duty vehicles
(62) 2019330806

(71) Huawei Technologies Co., Ltd.
(21) 2022218507 (22) 17.08.2022
(54) Multi-channel signal encoding method and encoder
(62) 2020267256

Hurt, B.A. see Data.world, Inc.
(21) 2022218590

(71) Incube Labs, LLC
(21) 2022218524 (22) 17.08.2022
(54) Methods and articles for delivering viable cells into solid tissue
(62) 2017230737

(71) INDOORSIGHTS LIMITED
(21) 2022218566 (22) 18.08.2022
(54) FACILITY COMMUNICATION AND/OR LOCATION APPARATUS AND SYSTEM
(31) 2021902623 (32) 20.08.21 (33) AU

(71) Itron Networked Solutions, Inc.
(21) 2022218576 (22) 18.08.2022

(54) Method and system for communicating between private mesh network and public network
(62) 2018302245

Jacob, B.K. see Data.world, Inc.
(21) 2022218590

(71) Jetti Resources, LLC
(21) 2022218559 (22) 18.08.2022
(54) Process for leaching metal sulfides with reagents having thiocarbonyl functional groups
(62) 2017346972

(71) Jetti Resources, LLC
(21) 2022218577 (22) 18.08.2022
(54) Process for leaching metal sulfides with reagents having thiocarbonyl functional groups
(62) 2017346972

(71) Jetti Resources, LLC
(21) 2022218579 (22) 18.08.2022
(54) Process for leaching metal sulfides with reagents having thiocarbonyl functional groups
(62) 2017346972

(71) Juno Therapeutics GmbH
(21) 2022218531 (22) 17.08.2022
(54) CELL SURFACE CONJUGATES AND RELATED CELL COMPOSITIONS AND METHODS
(62) 2018209400

(71) Kabushiki Kaisha Toshiba
(21) 2022218533 (22) 17.08.2022
(54) ELECTRODE CATALYST LAYER FOR ELECTROLYSIS CELL, ELECTRODE FOR ELECTROLYSIS CELL, AND CARBON DIOXIDE ELECTROLYTIC DEVICE
(31) 2022-044221 (32) 18.03.22 (33) JP

Keen, A.A. see Data.world, Inc.
(21) 2022218590

(71) Lam, T.T.
(21) 2022218536 (22) 17.08.2022
(54) ADAPTIVE FLEXIBLE HYBRID ENERGY SYSTEMS OF SOLAR, WAVE AND WIND FOR UTILITY SCALE PLANTS
(31) 2022902348 (32) 17.08.22 (33) AU

(71) Lam, T.T.
(21) 2022218537 (22) 18.08.2022
(54) SYSTEM OF THREE-DIMENSIONAL FLEXIBLE POROUS NET OF MULTIPLE FLOATING OBJECTS
(62) 2022218536

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(71) Lam, T.T.
 (21) 2022218538 (22) 18.08.2022
 (54) NET OF VERTICAL CONNECTIONS FOR THE SYSTEM OF THREE-DIMENSIONAL FLEXIBLE POROUS NET OF MULTIPLE FLOATING OBJECTS
 (62) 2022218536

(71) Lam, T.T.
 (21) 2022218546 (22) 18.08.2022
 (54) DUAL PRESTRESSED ROPE BEAM
 (62) 2022218536

(71) Lam, T.T.
 (21) 2022218550 (22) 18.08.2022
 (54) FLEXIBLE POROUS NET OF WAVE ABSORBERS OR DAMPERS
 (62) 2022218536

(71) Lam, T.T.
 (21) 2022218552 (22) 18.08.2022
 (54) SURROUNDING PRESTRESSED FLOATING POST
 (62) 2022218536

(71) Lam, T.T.
 (21) 2022218586 (22) 19.08.2022
 (54) TWISTING OSCILLATED MECHANICAL POWER TRANSMISSION SYSTEM
 (62) 2022218536

(71) Lam, T.T.
 (21) 2022218587 (22) 19.08.2022
 (54) BIDIRECTIONAL LINEAR TO ROTATIONAL TRANSMISSION SYSTEM
 (62) 2022218536

(71) Lam, T.T.
 (21) 2022218600 (22) 19.08.2022
 (54) SUBMERGED HANGING HOLLOW DAMPER
 (62) 2022218536

(71) Lam, T.T.
 (21) 2022218602 (22) 19.08.2022
 (54) METHOD OF APPLYING SUBMERGED HANGING HOLLOW DAMPER
 (62) 2022218536

(71) Law, R.
 (21) 2022218542 (22) 18.08.2022
 (54) Fencing and a method of installing fencing
 (31) 780112 (32) 14.09.21 (33) NZ

Le, T.M. see Data.world, Inc.
 (21) 2022218590

Loyens, J. see Data.world, Inc.
 (21) 2022218590

(71) Magic Leap, Inc.
 (21) 2022218527 (22) 17.08.2022
 (54) Augmented reality systems and methods with variable focus lens elements
 (62) 2017246901

(71) Massachusetts Institute of Technology; The Broad Institute, Inc.; President and Fellows of Harvard College
 (21) 2022218558 (22) 18.08.2022
 (54) Delivery and use of the CRISPR-Cas systems, vectors and compositions for hepatic targeting and therapy
 (62) 2020286222

(71) MIS.CARBONART PTY LTD (a subsidiary of Mineral Resources Limited)
 (21) 2022218547 (22) 18.08.2022
 (54) Protective plate for a vibratory screen
 (31) 2021902577 (32) 18.08.21 (33) AU

(71) MIS.CARBONART PTY LTD (a subsidiary of Mineral Resources Limited)
 (21) 2022218548 (22) 18.08.2022
 (54) Drive member assembly for a vibratory screen
 (31) 2021902578 (32) 18.08.21 (33) AU

(71) MIS.CARBONART PTY LTD (a subsidiary of Mineral Resources Limited)
 (21) 2022218549 (22) 18.08.2022
 (54) Improvements in vibratory screens
 (31) 2021902579 (32) 18.08.21 (33) AU
 2021902580 18.08.21 AU

(71) ModernaTX, Inc.
 (21) 2022218595 (22) 19.08.2022
 (54) Broad spectrum influenza virus vaccine
 (62) 2016342048

(71) Nicoventures Trading Limited
 (21) 2022218470 (22) 15.08.2022
 (54) Vaporisable formulation
 (62) 2019264022

(71) Nicoventures Trading Limited
 (21) 2022218541 (22) 18.08.2022
 (54) Aerosol generating substrate
 (62) 2019314389

(71) North Carolina State University
 (21) 2022218597 (22) 19.08.2022
 (54) TARGETED MUTAGENESIS OF TOBACCO BERBERINE BRIDGE ENZYME-LIKE NUCLEIC ACIDS
 (62) 2016362578

(71) Novo Nordisk A/S; Amgen Inc.
 (21) 2022218573 (22) 18.08.2022
 (54) Human CD30 ligand antigen binding proteins
 (62) 2020201820

(71) NOY PTY LTD
 (21) 2022218569 (22) 18.08.2022
 (54) Noy Platform 1 - NP1

(71) Institute of Agro-products Processing Science and Technology, Sichuan Academy of Agricultural Sciences
 (21) 2022218563 (22) 18.08.2022
 (54) High-Polyphenol Rapeseed Oil and Preparation Method Thereof
 (31) 202110952235.0 (32) 19.08.21 (33) CN

(71) Numab Therapeutics AG
 (21) 2022218544 (22) 18.08.2022
 (54) Hetero-dimeric multi-specific antibody format
 (62) 2016278586

(71) PharmaEssentia Corporation
 (21) 2022221496 (22) 25.08.2022
 (54) Method of Using Pegylated Interferon-alpha

(71) Phoenix Eagle Company Pty Ltd
 (21) 2022218545 (22) 18.08.2022
 (54) Enhancement and stabilisation of proteolytic activity of proteases
 (62) 2020363456

(71) Phoenix LLC
 (21) 2022218508 (22) 17.08.2022
 (54) High power ion beam generator systems and methods
 (62) 2018214488

(71) Precision Planting LLC
 (21) 2022218520 (22) 17.08.2022
 (54) Agricultural trench depth sensing systems, methods, and apparatus
 (62) 2017300885

(71) Precision Planting LLC
 (21) 2022218570 (22) 18.08.2022
 (54) Agricultural trench depth sensing systems, methods, and apparatus
 (62) 2017300885

(71) Precision Planting LLC
 (21) 2022218571 (22) 18.08.2022
 (54) Agricultural trench depth sensing systems, methods, and apparatus
 (62) 2017300885

(71) Precision Planting LLC
 (21) 2022218572 (22) 18.08.2022

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(54) Agricultural trench depth sensing systems, methods, and apparatus
(62) 2017300885

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(21) 2022218558

(71) Qualcomm Incorporated
(21) 2022218522 (22) 17.08.2022
(54) PAGE MONITORING ENABLEMENT AND DISABLEMENT
(62) 2017356921

(71) RedeemX
(21) 2022218513 (22) 17.08.2022
(54) Platform and process for booking rides for clubs/hospitality venues, with integration to club systems allowing for payment and rewarding using membership points and vouchers. (Club Cab)

Reynolds, S.W. see Data.world, Inc.
(21) 2022218590

(71) Rheem Australia Pty Limited
(21) 2022218526 (22) 17.08.2022
(54) A SYSTEM, APPARATUS AND METHOD FOR EFFICIENT USE OF SOLAR PHOTOVOLTAIC ENERGY
(62) 2017349622

(71) RTC Industries, Inc.
(21) 2022218593 (22) 19.08.2022
(54) Product management display system
(62) 2016380705

(71) Sangamo Therapeutics, Inc.
(21) 2022218582 (22) 18.08.2022
(54) Genetic Modification of Cytokine Inducible SH2- Containing Protein (CISH) Gene
(62) 2018364660

(71) Schneider Electric Systems USA, Inc.
(21) 2022218530 (22) 17.08.2022
(54) METHODS, SYSTEMS AND APPARATUS TO DYNAMICALLY FACILITATE BOUNDARYLESS, HIGH AVAILABILITY SYSTEM MANAGEMENT
(62) 2017280347

(71) Schneider Electric Systems USA, Inc.
(21) 2022218606 (22) 19.08.2022
(54) METHODS, SYSTEMS AND APPARATUS TO DYNAMICALLY FACILITATE BOUNDARYLESS, HIGH AVAILABILITY M..N WORKING CONFIGURATION MANAGEMENT WITH SUPPLEMENTAL RESOURCE
(62) 2017280352

(71) Shanghai Hongyan Returnable Transit Packagings Co., Ltd.
(21) 2022218551 (22) 18.08.2022
(54) Container
(62) 2019217855

(71) Shattuck Labs, Inc.
(21) 2022218575 (22) 18.08.2022
(54) Tigit- And Light-Based Chimeric Proteins
(62) 2018223821

(71) Siemens Mobility GmbH
(21) 2022218511 (22) 17.08.2022
(54) Sensor device, arrangement, and method for detecting a change in a magnetic field
(31) 10 2021 209 644.1 (32) 02.09.21 (33) DE

(71) SIGA Technologies, Inc.
(21) 2022218556 (22) 18.08.2022
(54) ST-246 (Tecovirimat monohydrate) suspension formulations
(62) 2017221295

(71) Spinal Elements, Inc.
(21) 2022218588 (22) 19.08.2022
(54) Retractor
(62) 2017228829

(71) SulfiLogger A/S
(21) 2022218568 (22) 18.08.2022
(54) Electrochemical sensor with opening between solid elements
(62) 2017297650

(71) Techtronic Cordless GP
(21) 2022218515 (22) 17.08.2022
(54) Lawn mower
(31) 63/238,572 (32) 30.08.21 (33) US

(71) The Boeing Company
(21) 2022218578 (22) 18.08.2022
(54) Systems and methods for confirming identity and location of an aircraft within an airspace
(31) 17/405,417 (32) 18.08.21 (33) US

The Broad Institute, Inc. see Massachusetts Institute of Technology
(21) 2022218558

(71) The Chinese University of Hong Kong
(21) 2022218555 (22) 18.08.2022
(54) Methylation pattern analysis of haplotypes in tissues in DNA mixture
(62) 2016295712

(71) The Council of The Queensland Institute of Medical Research
(21) 2022218584 (22) 18.08.2022

(54) Peptide libraries and methods of use
(62) 2017340028

(71) The General Hospital Corporation
(21) 2022218601 (22) 19.08.2022
(54) HDAC6 inhibitors and imaging agents
(62) 2018250599

(71) The Tru Shrimp Company
(21) 2022218592 (22) 19.08.2022
(54) Raceways and systems thereof
(62) 2019280841

(71) Vandermeer, W.
(21) 2022218585 (22) 18.08.2022
(54) Small Wheel Tyre Changer
(31) 2021902610 (32) 19.08.21 (33) AU

(71) Vortex Innovation Worx (Pty) Ltd
(21) 2022218529 (22) 17.08.2022
(54) Positioning arrangement
(31) 2021/05906 (32) 18.08.21 (33) ZA

(71) Wood, C.
(21) 2022221562 (22) 26.08.2022
(54) A mining or mineral processing system with electronic tracers
(62) 2020203978

Yaakoub, J. see Alexander, A.
(21) 2022218604

(71) Zanfar Pty Ltd
(21) 2022218534 (22) 17.08.2022
(54) FLAT PACK MODULAR BUILDING ELEMENTS

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(21) 2022218590

(71) Zip-Clip Limited
(21) 2022218589 (22) 19.08.2022
(54) Splicing system and method of operation
(31) 2112517.4 (32) 02.09.21 (33) GB

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2022218522	Qualcomm Incorporated	2022218583	AlaMab Therapeutics, Inc.
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2022218524	Incube Labs, LLC	2022218585	Vandermeer, W.
2022218525	Angel Group Co., Ltd.	2022218586	Lam, T.T.
2022218526	Rheem Australia Pty Limited	2022218587	Lam, T.T.
2022218527	Magic Leap, Inc.	2022218588	Spinal Elements, Inc.
2022218528	Commonwealth Scientific and Industrial Research Organisation	2022218589	Zip-Clip Limited
2022218529	Vortex Innovation Worx (Pty) Ltd	2022218590	Data.world, Inc.; Jacob, B.K.; Loyens, J.; Griffith, D.L.; Hurt, B.A.; Le, T.M.; Reynolds, S.W.; Keen, A.A.; Boutros, J.; Zelenak, A.J.
2022218530	Schneider Electric Systems USA, Inc.	2022218591	Cardioguidance Biomedical, LLC
2022218531	Juno Therapeutics GmbH	2022218592	The Tru Shrimp Company
2022218532	Board of Regents of The University of Texas System	2022218593	RTC Industries, Inc.
2022218533	Kabushiki Kaisha Toshiba	2022218594	Dexcom, Inc.
2022218534	Zanfar Pty Ltd	2022218595	ModernaTX, Inc.
2022218536	Lam, T.T.	2022218597	North Carolina State University
2022218537	Lam, T.T.	2022218598	Fasteners for Retail, Inc.
2022218538	Lam, T.T.	2022218599	Abiomed, Inc.
2022218539	Becton, Dickinson and Company	2022218600	Lam, T.T.
2022218540	Apple Inc.	2022218601	The General Hospital Corporation
2022218541	Nicoventures Trading Limited	2022218602	Lam, T.T.
2022218542	Law, R.	2022218603	Anjarium Biosciences AG
2022218543	Deere & Company	2022218604	Alexander, A.; Yaakoub, J.
2022218544	Numab Therapeutics AG	2022218605	Becton, Dickinson and Company
2022218545	Phoenix Eagle Company Pty Ltd	2022218606	Schneider Electric Systems USA, Inc.
2022218546	Lam, T.T.	2022218607	Apple Inc.
2022218547	MIS.CARBONART PTY LTD (a subsidiary of Mineral Resources Limited)	202221496	PharmaEssentia Corporation
2022218548	MIS.CARBONART PTY LTD (a subsidiary of Mineral Resources Limited)	202221562	Wood, C.
2022218549	MIS.CARBONART PTY LTD (a subsidiary of Mineral Resources Limited)		
2022218550	Lam, T.T.		
2022218551	Shanghai Hongyan Returnable Transit Packagings Co., Ltd.		
2022218552	Lam, T.T.		
2022218553	Grip Systems Limited		
2022218554	algoriddim GmbH		
2022218555	The Chinese University of Hong Kong		
2022218556	SIGA Technologies, Inc.		
2022218557	Breville Pty Limited		
2022218558	Massachusetts Institute of Technology; The Broad Institute, Inc.; President and Fellows of Harvard College		
2022218559	Jetti Resources, LLC		
2022218560	Biogen MA Inc.		
2022218561	Best Masonry Bricks & Pavers Pty Ltd		
2022218562	Aristocrat Technologies Australia Pty Limited		
2022218563	Institute of Agro-products Processing Science and Technology, Sichuan Academy of Agricultural Sciences		
2022218566	INDOORSIGHTS LIMITED		
2022218567	Dexcom, Inc.		

Innovation Patent Applications Filed**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 23 Aug 2022 .
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

F. Hoffmann-La Roche AG see Genentech, Inc.**(21)** 2022100118

(71) Genentech, Inc.; F. Hoffmann-La Roche AG**(21)** 2022100118 **(22)** 26.08.2022**(54)** Apparatus and method for direct drug infusion**(62)** 2021200465

(71) Kareela Investment Enterprises Pty Ltd**(21)** 2022100117 **(22)** 26.08.2022**(54)** Monitoring system and method**(62)** 2021221518

(71) OrthAlign, Inc.**(21)** 2022100115 **(22)** 24.08.2022**(54)** HIP REPLACEMENT NAVIGATION SYSTEMS AND METHODS**(62)** 2018236220

(71) Walking Floors Pty Ltd**(21)** 2022100116 **(22)** 24.08.2022**(54)** Self-Unloading Container for Releasable Mounting to Transport Trailers**(62)** 2021425000

Numerical Index

2022100115 OrthAlign, Inc.
2022100116 Walking Floors Pty Ltd

2022100117 Kareela Investment Enterprises Pty Ltd
2022100118 Genentech, Inc.; F. Hoffmann-La Roche AG

Applications Lapsed, Refused Or Withdrawn, Patents Ceased or Expired

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

The codes next to each number have the following meanings:

Code Meaning

- 1 Application Lapsed Section 142(2)(a)
- 3 Application Lapsed Section 142(2)(c)
- 4 Application Lapsed Section 142(2)(d)
- 5 Application Lapsed Section 142(2)(e)
- 6 Application Lapsed Section 142(2)(f)/Reg. 13.5A(2)/Reg. 8.3(3)
- 7 Application Lapsed Reg. 3.2A(3)/Reg. 3.2C
- 8 Application Lapsed Reg. 3.4(6)
- 9 Application Lapsed Section 142(3)
- 11 Application Lapsed Section 148(1)(c)
- 12 Application Withdrawn Section 141(1)
- 13 Application Withdrawn Section 141(2)/Reg 13.1C\Section 141(3)/See Reg 8.3(2)
- 14 Patent Ceased Section 143(a), or Expired
- 15 Patent Ceased Section 143(b)
- 16 Application Refused
- 17 Application Lapsed Reg. 22.2B(2)
- 18 Application Lapsed Reg. 3.2B(3),(5) or (6)
- 20 Patent Ceased Section 143A(b)/Reg. 22.2D(2) or (4)
- 21 Patent Ceased Section 101C(b)/Section 143A(c)/Reg. 9A.4
- 22 Patent Ceased Section 143A(d), or Expired
- 23 Patent Ceased Section 143A(e)
- 24 Application Lapsed Reg. 22.2E(2)
- 25 Application Lapsed Reg. 22.2I(2)
- 26 Application Lapsed Reg. 3.5AC(11)
- 27 Application Lapsed Reg. 3.5AF(2F)
- 28 Application Lapsed Reg. 22.15A(3)

- A Applications on which examination has not been requested or directed
- B Applications on which a direction to request examination has been given
- C Applications on which examination has been requested or on which an examination report has been issued
- D Applications which have been accepted or advertised accepted
- E Patents on which an examination has not been requested
- F Patents on which an examination has been requested or report issued
- G Patents Certified

- N Applications not Open to Public Inspection

1997

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2002

2002300611 (14) 2002300612 (14) 2002300631 (14)
 2002300668 (14) 2002300703 (14) 2002300870 (14)
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 2021902799 (12AN) 2021902811 (12AN)

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 2022203940 (12CN) 2022204011 (1B) 2022204192 (1B)
 2022902419 (12AN)

Assignments before Grant, Section 113

2017

2017339273 Khopkar, Rahul; Mohare, Pradnesh The application has been assigned to **Mohare, Pradnesh**

2017371475 Kiezebrink, Harm The application has been assigned to **BalloonX Sá.r.l.**

2018

2018346758 Edwards, Patrick; Levine, Jeffrey; Bernstein, Aaron The application has been assigned to **Advanced Scanners, Inc.**

2019

2019101831 Zou, Gaodi The application has been assigned to **Shenzhen Merrytek Technology Co., Ltd.**

2019208318 Consort Medical plc The application has been assigned to **SHL Medical AG**

2019357450 Peking University; EdiGene Inc. The application has been assigned to **Edigene Therapeutics (Beijing) Inc.; Peking University**

2020

2020259548 EdiGene Inc.; Peking University The application has been assigned to **Edigene Therapeutics (Beijing) Inc.; Peking University**

2020265060 EdiGene Inc. The application has been assigned to **Edigene (Guangzhou) Inc.**

Assignments before Grant, Section 113

2020294236 **Xorail, LLC** The application has been assigned to **Xorail, Inc.**

2020342207 **EdiGene Inc.** The application has been assigned to **Edigene (Guangzhou) Inc.**

2021

2021903053 **CRC For Honey Bee Products** The application has been assigned to **Y-Trace 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.

2005

2005234638 **BBQ Spit Rotisseries Pty Ltd** An application to extend the time from 16 Nov 2021 to 16 Jun 2022 in which to pay a renewal fee has been filed . Address for service - The Trustee for BSR1 Trust 2/59 Brunel Rd Seaford VIC 3198 AU

2014

2014101382 **3D Living Pty Ltd** An application to extend the time from 18 Nov 2021 to 18 Aug 2022 in which to pay a renewal fee has been filed . Address for service - Churchill Attorneys PO Box 3238 BURNLEY NORTH VIC 3121 AU

2016

2016256830 **Diverse Industries Intl. Pty. Ltd.** An application to extend the time from 06 Aug 2022 to 06 Feb 2023 in which to gain acceptance has been filed . Address for service - FPA Patent Attorneys Pty Ltd GPO Box 469 Sydney NSW 2001 AU

2017

2017101883 **Shenzhen Institutes of Advanced Technology** An application to extend the time from 20 Dec 2021 to 20 Jul 2022 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2018

2018204032 **BIG ADVENTURES, LLC** An application to extend the time from 22 Oct 2021 to 22 Jun 2022 in which to pay a renewal fee has been filed . Address for service - Baxter Patent Attorneys Pty Ltd Level 12/10 Carrington St Sydney NSW 2000 AU

2018205180 **Ashland Licensing and Intellectual Property, LLC; Imperial Innovations Limited** An application to extend the time from 20 Nov 2021 to 20 Jun 2022 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

2018229487 **Singapore Health Services Pte Ltd; National University of Singapore** An application to extend the time from 16 Aug 2021 to 16 Jul 2022 in which to pay a renewal fee has been filed . Address for service - FB Rice Pty Ltd L 33 477 Collins Street Melbourne VIC 3000 AU

Extensions of Time, Section 223

2020

2020104415 **Matchbox Exchange Pty Ltd** An application to extend the time from 30 Jan 2022 to 30 Aug 2022 in which to pay a renewal fee has been filed . Address for service - Dentons Patent Attorneys Australasia Limited L 43 600 Bourke St Melbourne VIC 3000 AU

2020267318 **Korea Institute Of Energy Research** An application to extend the time from 27 Jul 2022 to 27 Jul 2023 in which to gain acceptance has been filed . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

Applications Allowed - Section 223(2)

2002

2002312007 **RateGain Technologies Inc.** The time in which to pay a renewal fee has been extended to 25 May 2022 . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

2012

2012327168 **Evado Holdings Pty Ltd** The time in which to pay a renewal fee has been extended to 16 May 2022 . Address for service - EVADO CLINICAL PTY LTD U 173 299 Queen St Melbourne VIC 3000 AU

2016

2016100991 **Amrob Pty Ltd** The time in which to pay a renewal fee has been extended to 01 Feb 2022 . Address for service - Eagar & Associates Pty Ltd Suite 2 35-39 Scarborough Street Southport QLD 4215 AU

2017

2017202491 **NSA INVESTMENTS (AUST) PTY LTD** The time in which to request examination and pay a continuation fee has been extended to 26 May 2022 . Address for service - Alder IP Pty Ltd Suite 504 10 Help Street CHATSWOOD NSW 2067 AU

2017309774 **Zebware AB** The time in which to pay a continuation fee has been extended to 28 Mar 2022 . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2017358399 **2D Fluidics Pty Ltd** The time in which to pay a continuation fee and gain acceptance has been extended to 10 Dec 2022 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2018

2018299416 **Mumble By Design Pty Ltd** The time in which to request examination has been extended to 12 Jul 2022 . Address for service - IP SOLVED (ANZ) PTY. LTD. Level 19, 1 O'Connell Street Sydney NSW 2000 AU

2018321893 **Wayne State University** The time in which to request examination has been extended to 01 Sep 2022 . Address for service - IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD PO Box 1321 SPRINGWOOD QLD 4127 AU

2018327377 **Edete Precision Technologies for Agriculture Ltd.** The time in which to request examination has been extended to 15 Sep

Extensions of Time, Section 223

2022 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2018332823 **ISL, LLC** The time in which to request examination has been extended to 15 Sep 2022 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2020

2020294285 **Kop-Coat, Inc.** The time in which to pay a continuation fee has been extended to 28 Apr 2022 . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2020342656 **Maxwell Biosciences, Inc.** The time in which to restore priority under reg 3.13A(2)(b)(iii)(D) has been extended to 30 Sep 2020 . Address for service - FOUNDRY INTELLECTUAL PROPERTY PTY LTD PO Box Q1466 Queen Victoria Building NSW 1230 AU

2020361994 **IMDPHARM INC.** The time in which to enter the National Phase has been extended to 11 Aug 2022 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2020394885 **WWEEV PTY LTD** The time in which to enter the National Phase has been extended to 02 Aug 2022 . Address for service - Dentons Patent Attorneys Australasia Limited L 43 600 Bourke St Melbourne VIC 3000 AU

2022

2022100060 **WU, D.;** **KARAMOOZIAN, A.** The time in which to comply with a direction under Reg 3.2B has been extended to 19 Jul 2022 . Address for service - DESHENG WU 703/61 Galada Avenue, Parkville Melbourne VIC 3052 AU

2022204156 **Aristocrat Technologies, Inc.** The time in which to claim the convention priority date has been extended to 07 Jul 2022 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2022204455 **The Provost, Fellows, Scholars and Other Members of Board of Trinity College Dublin** The time in which to claim the convention priority date has been extended to 30 Jun 2022 . Address for service - Madderns Pty Ltd GPO Box 2752 Adelaide SA 5001 AU

Section 223(1) Allowances**2022**

2022203889 **True Blue Innovations** The time in which to comply with a formalities direction & missing parts report has been extended to 12 Aug 2022

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.

Amendments

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.

2010

2010302943 A method of underground rock blasting **Orica Explosives Technology Pty Ltd** The nature of the amendment is: Add the name of co-inventor Piercey, Stephen L. . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2016

2016261440 Security documents and methods of manufacture thereof **De La Rue International Limited** The nature of the amendment is as shown in the statement(s) filed 14 Jun 2022 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2016289971 Oxysterols and methods of use thereof **Sage Therapeutics, Inc.** The nature of the amendment is as shown in the statement(s) filed 11 Aug 2022 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2017

2017205273 Controlled-release CNP agonists with reduced side-effects **Ascendis Pharma Growth Disorders A/S** The nature of the amendment is as shown in the statement(s) filed 07 Aug 2022 . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2017235943 Fundus image capture system **Welch Allyn, Inc.** The nature of the amendment is as shown in the statement(s) filed 18 Aug 2022 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2017379868 Citrus fibers and applications thereof **Cargill, Incorporated** The nature of the amendment is as shown in the statement(s) filed 12 Aug 2022 . Address for service - Spruson & Ferguson Level 24, Tower 2 Darling Park, 201 Sussex Street Sydney NSW 2000 AU

2017445156 Decontamination device and method using ultrasonic cavitation **TOMI Environmental Solutions, Inc.** The nature of the amendment is as shown in the statement(s) filed 02 Aug 2022 . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2018

2018214804 Polymeric material **Kimberly-Clark Worldwide, Inc.** The nature of the amendment is as shown in the statement(s) filed 12 Aug 2022 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2018243463 11,13-modified saxitoxins for the treatment of pain **SiteOne Therapeutics, Inc. ; The Board of Trustees of the Leland Stanford Junior University** The nature of the amendment is as shown in the statement(s) filed 12 Aug 2022 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2019

2019367853 Providing files of variable sizes based on device and network conditions **Citrix Systems, Inc.** The nature of the amend-

Amendments

ment is as shown in the statement(s) filed 24 Aug 2022 . Address for service - FB Rice Pty Ltd Level 23, 44 Market Street Sydney NSW 2000 AU

2020

2020100863 Connection of structural components in a building structure **Illinois Tool Works Inc.** The nature of the amendment is as shown in the statement(s) filed 04 May 2022 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2020200782 Use of AAV-expressed M013 protein as an anti-inflammatory therapeutic **University of Florida Research Foundation, Inc.** The nature of the amendment is as shown in the statement(s) filed 18 Aug 2022 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2020203136 System and method for the generation of an adaptive user interface in a website building system **Wix.com Ltd.** The nature of the amendment is as shown in the statement(s) filed 15 Aug 2022 . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

2020256382 MICROARRAY FOR DELIVERY OF THERAPEUTIC AGENT AND METHODS OF USE **Corium International, Inc.** The nature of the amendment is as shown in the statement(s) filed 18 Aug 2022 . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2020289773 Device for drying and polishing items such as glasses and cutlery **MT Innovations Pty Ltd.** The nature of the amendment is as shown in the statement(s) filed 25 Jul 2022 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

Amendments Made

2017

2017200427 **The Workwear Group Pty Ltd** The nature of the amendment is: Amend Addition Details to read 2012203875

2017250110 **Package Solutions, Inc.** The nature of the amendment is: Amend the name of a co-inventor to read Kostandini, Ervin

2017279818 **SKINPROTECT CORPORATION SDN BHD** The nature of the amendment is as shown in the statement filed 27 May 2022

2017303944 **The Fourth Military Medical University; Shanghai GeneChem Co., Ltd.** The nature of the amendment is as shown in the statement filed 25 May 2022

2017339910 **KPMG Australia IP Holdings Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2017101931

2017393082 **AgeneBio, Inc.** The nature of the amendment is: Amend the priority details to read 62/436,272 19 Dec 2016 US and PCT/IB2017/001763 20 Dec 2017 US

Amendments

2018

2018358138 **Systimmune, Inc.; Sichuan Baili Pharmaceutical Co. Ltd.** The nature of the amendment is as shown in the statement filed 27 May 2022

2019

2019201150 **Shenzhen Merrytek Technology Co., Ltd.** The nature of the amendment is: Application is to proceed under the number 2019101833

2020

2020200151 **LEGEND BIOTECH IRELAND LIMITED** The nature of the amendment is as shown in the statement filed 27 May 2022

2020218241 **Daikin Industries, Ltd.** The nature of the amendment is: Amend the invention title to read MANAGEMENT APPARATUS OR DEVICE INFORMATION TRANSMITTING APPARATUS

2020239698 **Maytronics Ltd.** The nature of the amendment is as shown in the statement filed 18 May 2022

2020239759 **Apple Inc.** The nature of the amendment is: Add inventor COFFMAN, Patrick L.

2020396918 **Kordtech Pty Ltd** The nature of the amendment is as shown in the statements filed 18 Jun 2022 and 2 Aug 2022

2021

2021202008 **Fresenius Medical Care Holdings, Inc.** The nature of the amendment is as shown in the statement filed 12 May 2022

2021236256 **Om Pharma SA** The nature of the amendment is: Amend the invention title to read Novel Hydroquinone Derivatives

2021245233 **LG ELECTRONICS INC.** The nature of the amendment is as shown in the statement(s) filed 09 Feb 2022

2021418332 **Adaptavate Ltd** The nature of the amendment is: Amend the priority details to read 2000962.7 23 Jan 2020 GB

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

2003

2003220749 Scientific Games, Inc. The name of the patentee has been altered to **Scientific Games, LLC**

2006

2006251997 ANCON BUILDING SYSTEMS PTY LTD The name of the patentee has been altered to **Ancon Building Products Pty Ltd**

2007

2007260582 ANCON BUILDING SYSTEMS PTY LTD The name of the patentee has been altered to **Ancon Building Products Pty Ltd**

2008

2008265491 ANCON BUILDING SYSTEMS PTY LTD The name of the patentee has been altered to **Ancon Building Products Pty Ltd**

Amendments

2008329539 ANCON BUILDING SYSTEMS PTY LTD The name of the patentee has been altered to **Ancon Building Products Pty Ltd**

2009

2009217422 ANCON BUILDING SYSTEMS PTY LTD The name of the patentee has been altered to **Ancon Building Products Pty Ltd**

2015

2015319850 Progenity, Inc. The name of the patentee has been altered to **BIORA THERAPEUTICS, INC.**

2016

2016233608 Enlighted, Inc. The name of the patentee has been altered to **Building Robotics, Inc.**

2017

2017241824 Enlighted, Inc. The name of the patentee has been altered to **Building Robotics, Inc.**

2017278675 Enlighted, Inc. The name of the patentee has been altered to **Building Robotics, Inc.**

2017312662 Progenity, Inc. The name of the applicant has been altered to **BIORA THERAPEUTICS, INC.**

2017322324 Progenity, Inc. The name of the applicant has been altered to **BIORA THERAPEUTICS, INC.**

2017370937 Progenity Inc. The name of the applicant has been altered to **BIORA THERAPEUTICS, INC.**

2017376801 Progenity Inc. The name of the applicant has been altered to **BIORA THERAPEUTICS, INC.**

2017376807 Progenity Inc. The name of the applicant has been altered to **BIORA THERAPEUTICS, INC.**

2017378393 Progenity Inc. The name of the applicant has been altered to **BIORA THERAPEUTICS, INC.**

2017378398 Progenity Inc. The name of the applicant has been altered to **BIORA THERAPEUTICS, INC.**

2017378406 Progenity Inc. The name of the applicant has been altered to **BIORA THERAPEUTICS, INC.**

2018

2018201868 Enlighted, Inc. The name of the patentee has been altered to **Building Robotics, Inc.**

2018243312 Progenity Inc. The name of the applicant has been altered to **BIORA THERAPEUTICS, INC.**

2018244922 Progenity Inc. The name of the applicant has been altered to **BIORA THERAPEUTICS, INC.**

Amendments

2018345524 Enlighted, Inc. The name of the patentee has been altered to **Building Robotics, Inc.**

2019

2019257290 Enlighted, Inc. The name of the patentee has been altered to **Building Robotics, Inc.**

2019278927 Progenity, Inc. The name of the applicant has been altered to **BIORA THERAPEUTICS, INC.**

2019345280 Enlighted, Inc. The name of the patentee has been altered to **Building Robotics, Inc.**

2019383976 Progenity, Inc. The name of the applicant has been altered to **BIORA THERAPEUTICS, INC.**

2019402047 Enlighted, Inc. The name of the patentee has been altered to **Building Robotics, Inc.**

2021

2021201081 Enlighted, Inc. The name of the patentee has been altered to **Building Robotics, Inc.**

2021221614 SWHEAT PATENT PTY LTD The name of the applicant has been altered to **RYGG PATENT PTY LTD**

Applications Open to Public Inspection

Name Index

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

(71) Abra Aluminium Pty Ltd
 (11) AU-A-2021204363
 (21) 2021204363 (22) 25.06.2021
 (54) Screen frame element
 (51) Int. Cl.
E06B 5/11 (2006.01)
E06B 1/16 (2006.01)
E06B 3/16 (2006.01)
E06B 3/72 (2006.01)
E06B 5/00 (2006.01)
E06B 9/52 (2006.01)
 (31) 2021900467 (32) 22.02.21 (33) AU
 (43) 08.09.2022
 (72) ALLEN, Edward Donald
 (74) FB Rice Pty Ltd

Aclarion, Inc. see The Regents of the University of California
 (21) 2022215301

(71) Agenus Inc.; Memorial Sloan-Kettering Cancer Center; Ludwig Institute For Cancer Research Ltd.
 (11) AU-A-2022215304
 (21) 2022215304 (22) 12.08.2022
 (54) Anti-GITR antibodies and methods of use thereof
 (51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
 (43) 08.09.2022
 (62) 2021200582
 (72) UNDERWOOD, Dennis J.; LEGER, Olivier; SIEBERT, Volker; VAN DIJK, Marc; SCHAER, David; TSUJI, Takemasa; RITTER, Gerd; GONZALEZ, Ana M.; WILSON, Nicholas S.; ZAPASODI, Roberta; MERGHOUB, Taha; WOLCHOK, Jedd David
 (74) Spruson & Ferguson

(71) AgilePQ, Inc.
 (11) AU-A-2022215311
 (21) 2022215311 (22) 12.08.2022
 (54) Data conversion systems and methods
 (51) Int. Cl.
H04L 9/06 (2006.01)
H04L 1/00 (2006.01)
H04L 9/12 (2006.01)
H04L 9/16 (2006.01)
 (43) 08.09.2022
 (62) 2017278253
 (72) FERNANDEZ, Sergio A.; CONWAY, Bruce; CONWAY, Drew; GOTRIK, David J.; IBAIDA, Ayman; AL-SHAMMARY, Dhiah; ABUADDBA, Alshariff; CONWAY, Mark
 (74) Spruson & Ferguson

(71) Alcon Inc.
 (11) AU-A-2022215324
 (21) 2022215324 (22) 15.08.2022
 (54) MULTIFOCAL LENS HAVING REDUCED CHROMATIC ABERRATIONS
 (51) Int. Cl.
G02C 7/04 (2006.01)
A61F 2/16 (2006.01)
 (43) 08.09.2022
 (62) 2017367260
 (72) Liu, Yueai; Hong, Xin; Choi, Myoung-Taek
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Amberger Kaolinwerke Eduard Kick GmbH & Co. KG
 (11) AU-A-2022201188
 (21) 2022201188 (22) 22.02.2022
 (54) Filler For Wall Coatings
 (51) Int. Cl.
C09C 1/30 (2006.01)
C01B 33/12 (2006.01)
C01B 33/26 (2006.01)
C01B 33/40 (2006.01)
C04B 14/06 (2006.01)
C04B 14/10 (2006.01)
C08K 3/34 (2006.01)
C08K 3/36 (2006.01)
C09C 1/42 (2006.01)
C09C 3/04 (2006.01)
C09D 5/02 (2006.01)
C09D 7/61 (2018.01)
 (31) 21158930.4 (32) 24.02.21 (33) EP
 (43) 08.09.2022
 (72) HULLIN, Angela; HOFMANN, Hans-Jürgen; KOHL, Christian
 (74) WRAYS PTY LTD

(71) Angel Group Co., Ltd.
 (11) AU-A-2022218523
 (21) 2022218523 (22) 17.08.2022
 (54) CARD-CENTERED ABNORMALITY DETECTION SYSTEM USING CAMERA AND SHOE
 (51) Int. Cl.
A63F 1/06 (2006.01)
A63F 1/14 (2006.01)
 (43) 08.09.2022
 (62) 2020277250
 (72) Shigeta, Yasushi
 (74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd

(71) Angel Group Co., Ltd.
 (11) AU-A-2022218525
 (21) 2022218525 (22) 17.08.2022
 (54) TABLE GAME SYSTEM
 (51) Int. Cl.
A63F 1/06 (2006.01)

(43) 08.09.2022
 (62) 2020281171
 (72) Shigeta, Yasushi
 (74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd

(71) Apnea Sciences Corporation
 (11) AU-A-2022200982
 (21) 2022200982 (22) 15.02.2022
 (54) Bidirectional jaw displacement oral appliance
 (51) Int. Cl.
A61F 5/56 (2006.01)
A61C 7/36 (2006.01)
 (31) 17/183,069 (32) 23.02.21 (33) US
 (43) 08.09.2022
 (72) FALLON, John M.
 (74) Griffith Hack

(71) Apple Inc.
 (11) AU-A-2022215297
 (21) 2022215297 (22) 12.08.2022
 (54) Creative camera
 (51) Int. Cl.
H04M 1/725 (2021.01)
G11B 27/031 (2006.01)
G11B 27/34 (2006.01)
H04L 51/046 (2022.01)
H04L 51/10 (2022.01)
H04N 1/00 (2006.01)
H04N 5/232 (2006.01)

(43) 08.09.2022
 (62) 2021201295
 (72) CHANG, Jae Woo; BROUGHTON, Lee S.; ALBOUZE, Jean-Francois M.; WALSH, Brian E.; SORRENTINO III, William A.; RICKWALD, Jason; PAUL, Grant; ERNST, Katherine K.; DUDEY, Gregory L.; CHINN, Robert; BLACK, David R.; ABOUKASM, Jessica; VAN OS, Marcel; KING, Nicholas V.; MOULIOS, Christopher J.; SCAPEL, Nicolas V.; WEIL, Joseph-Alexander P.; WILSON, Christopher I.; DYE, Alan C.; GUZMAN, Aurelio; NEWMAN, Joanna M.
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
 (11) AU-A-2022215309
 (21) 2022215309 (22) 12.08.2022
 (54) Application integration with a digital assistant
 (51) Int. Cl.
G06F 40/20 (2020.01)
 (43) 08.09.2022
 (61) 2020257070
 (62) 2020202833
 (72) PETERSON, Corey; KHOSLA, Vineet; RUSSELL, Jonathan H.; GARG, Ashish; RADEBAUGH, Carey E.;

Applications Open to Public Inspection - Name Index cont'd

- GRUBER, Thomas R.; GIULI, Richard D.; WALKER II, Robert A.; NEWEN-DORP, Brandon J.; DASARI, Rohit
(74) FPA Patent Attorneys Pty Ltd
-
- (71) Apple Inc.
(11) AU-A-2022218463
(21) 2022218463 (22) 15.08.2022
(54) User interface camera effects
(51) Int. Cl.
H04N 1/60 (2006.01)
(43) 08.09.2022
(62) 2021203177
(72) Dye, Alan C.; Ive, Jonathan P.; Souza Dos Santos, Andre; Behzadi, Arian; Manzari, Behkish J.; Sorrentino III, Billy; Hermans, Caroline; Irani, Cyrus Daniel; Preston, Daniel Trent; Harris, Elliott; Kim, Emilie; Cao, Frederic; Johnson, Garrett; Paul, Grant; Brasket, Jeffrey A.; Malia, Joseph A.; Bereza, Marek; Pivonka, Pavel
(74) FPA Patent Attorneys Pty Ltd
-
- (71) Apple Inc.
(11) AU-A-2022218517
(21) 2022218517 (22) 17.08.2022
(54) Authenticated device used to unlock another device
(51) Int. Cl.
G06F 21/35 (2013.01)
H04M 1/725 (2021.01)
H04W 4/00 (2018.01)
H04W 4/20 (2018.01)
H04W 12/00 (2021.01)
H04W 12/06 (2021.01)
(43) 08.09.2022
(62) 2020207785
(72) YANG, Lawrence Y.; IAROCCI, John J.; BUTCHER, Gary Ian; LYNCH, Kevin
(74) FPA Patent Attorneys Pty Ltd
-
- (71) Apple Inc.
(11) AU-A-2022218518
(21) 2022218518 (22) 17.08.2022
(54) Devices, methods, and user interfaces for providing audio notifications
(51) Int. Cl.
G06F 3/16 (2006.01)
G06F 1/16 (2006.01)
H04S 7/00 (2006.01)
H04W 4/12 (2009.01)
(43) 08.09.2022
(62) 2019347704
(72) KELLY, Sean B.; BARK, Karlin Y.; CHALMERS, Devin W.
(74) FPA Patent Attorneys Pty Ltd
-
- (71) Apple Inc.
(11) AU-A-2022218540
(21) 2022218540 (22) 18.08.2022
(54) User interfaces for audio media control
(51) Int. Cl.
G06F 3/16 (2006.01)
G06F 3/0488 (2022.01)
H04M 1/725 (2021.01)
- (43) 08.09.2022
(62) 2022202458
(72) Graham, David Chance; Carrigan, Taylor G.; Coffman, Patrick L.
(74) FPA Patent Attorneys Pty Ltd
-
- (71) Aristocrat Technologies, Inc.
(11) AU-A-2022201105
(21) 2022201105 (22) 18.02.2022
(54) FLOOR PROJECTION SYSTEM FOR ELECTRONIC GAMING DEVICES
(51) Int. Cl.
A63F 13/26 (2014.01)
G07F 17/32 (2006.01)
(31) 17/449,402 (32) 29.09.21 (33) US
63/153,145 24.02.21 US
(43) 08.09.2022
(72) SHAFFER Jr., Stephen; RODRIGUEZ, Frank; COULTHARD, Alexander
(74) Griffith Hack
-
- (71) Astellas Institute for Regenerative Medicine
(11) AU-A-2022218516
(21) 2022218516 (22) 17.08.2022
(54) Improved assays for potency of human retinal pigment epithelium (RPE) cells and photoreceptor progenitors
(51) Int. Cl.
G01N 33/50 (2006.01)
G01N 33/58 (2006.01)
G01N 33/84 (2006.01)
(43) 08.09.2022
(62) 2016235176
(72) Ivanova, Yordanka Gikova; Gay, Roger; Klimanskaya, Irina V.; Carson, Julie Kathryn
(74) Griffith Hack
-
- (71) AU ENVIRONMENTAL PTY LTD
(11) AU-A-2022218481
(21) 2022218481 (22) 15.08.2022
(54) LIQUID TREATMENT UNIT AND METHOD
(51) Int. Cl.
C02F 1/463 (2006.01)
B04C 5/10 (2006.01)
B04C 5/103 (2006.01)
B04C 5/13 (2006.01)
(43) 08.09.2022
(62) 2019348193
(72) CRESWICK, Glen David
(74) Baxter Patent Attorneys Pty Ltd
-
- (71) BASF; ExxonMobil Research and Engineering Company
(11) AU-A-2022218512
(21) 2022218512 (22) 17.08.2022
(54) PROCESS FOR INCREASED SELECTIVITY AND CAPACITY FOR THE HYDROGEN SULFIDE CAPTURE FROM ACID GASES
(51) Int. Cl.
B01D 53/14 (2006.01)
C10L 3/10 (2006.01)
- (43) 08.09.2022
(62) 2016382612
(72) Ernst, Martin; Vorberg, Gerald; Pereira, Carla S.; Ingram, Thomas; Siskin, Michael
(74) Collison & Co
-
- (71) Beijing Tusen Zhitu Technology Co., Ltd.
(11) AU-A-2022201178
(21) 2022201178 (22) 22.02.2022
(54) Method and apparatus for detecting corner points of lane lines, electronic device and storage medium
(51) Int. Cl.
G06V 20/56 (2022.01)
G06K 9/62 (2022.01)
G06T 7/13 (2017.01)
G06T 7/60 (2017.01)
G06V 10/44 (2022.01)
G06V 10/82 (2022.01)
(31) 20211022957.4 (32) 23.02.21 (33) CN
(43) 08.09.2022
(72) Shen, Zhenwei; Huang, Zehao; Wang, Naiyan
(74) FB Rice Pty Ltd
-
- (71) Bilge, H.
(11) AU-A-2022200889
(21) 2022200889 (22) 10.02.2022
(54) UNIVERSAL Z-Z CHANNEL FOR MOUNTING WALL PANELS TO EXISTING WALL
(51) Int. Cl.
E04F 13/22 (2006.01)
E04F 13/08 (2006.01)
(31) 17/560,249 (32) 22.12.21 (33) US
17/203,283 16.03.21 US
17/180,859 21.02.21 US
(43) 08.09.2022
(72) Bilge, Henry
(74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD
-
- (71) Bioverativ USA Inc.
(11) AU-A-2022215307
(21) 2022215307 (22) 12.08.2022
(54) Methods of treating autoimmune and alloimmune disorders
(51) Int. Cl.
A61K 35/14 (2015.01)
A61K 35/15 (2015.01)
A61K 39/395 (2006.01)
(43) 08.09.2022
(62) 2016282782
(72) PARRY, Graham; NIKITIN, Pavel A.; PANICKER, Sandip
(74) Spruson & Ferguson
-
- (71) Blackhawk Network, Inc.
(11) AU-A-2022218497
(21) 2022218497 (22) 16.08.2022
(54) A system for processing, activating and redeeming value added prepaid cards
(51) Int. Cl.
G06Q 20/28 (2012.01)
G06Q 20/34 (2012.01)

Applications Open to Public Inspection - Name Index cont'd

- G06Q 30/02** (2012.01)
(43) 08.09.2022
(62) 2020220182
(72) LLACH, Teri
(74) Davies Collison Cave Pty Ltd
-
- (71)** Board of Regents of The University of Texas System
(11) AU-A-2022218532
(21) 2022218532 **(22)** 17.08.2022
(54) SURGICAL APPARATUS
(51) Int. Cl.
A61B 17/29 (2006.01)
A61B 34/37 (2016.01)
(43) 08.09.2022
(62) 2021204249
(72) KIM, Daniel H.; SHIN, Dong Suk; JANG, Taeho; PARK, Yongman
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
-
- (71)** BOTANICAL WATER TECHNOLOGIES IP LTD
(11) AU-A-2022215310
(21) 2022215310 **(22)** 12.08.2022
(54) Isotopic Compositions
(51) Int. Cl.
A23L 2/38 (2021.01)
A61K 8/00 (2006.01)
A61K 33/00 (2006.01)
B01D 1/26 (2006.01)
B01D 3/14 (2006.01)
C01B 5/00 (2006.01)
C12C 5/00 (2006.01)
C12G 1/00 (2019.01)
C12G 3/08 (2006.01)
(43) 08.09.2022
(62) 2017329108
(72) Kambouris, Ambrosios
(74) LESICAR MAYNARD ANDREWS PTY LTD
-
- (71)** B-TEMIA INC.
(11) AU-A-2022206833
(21) 2022206833 **(22)** 25.07.2022
(54) 3D geolocation system
(51) Int. Cl.
G01C 22/00 (2006.01)
A61B 5/11 (2006.01)
G01C 21/02 (2006.01)
G01C 21/20 (2006.01)
G01C 22/02 (2006.01)
G08B 25/01 (2006.01)
G01S 5/02 (2010.01)
(43) 08.09.2022
(62) 2017212156
(72) ZOSO, Nathaniel; THIAUX, Victorien; DUPLAIN, Éric; BEAUMONT, Martin; BÉDARD, Stéphane
(74) Origin Patent and Trade Mark Attorneys
-
- (71)** Butterfly Network, Inc.
(11) AU-A-2022218473
(21) 2022218473 **(22)** 15.08.2022
(54) Universal ultrasound device and related apparatus and methods
(51) Int. Cl.
A61B 8/00 (2006.01)
A61B 8/08 (2006.01)
A61B 8/14 (2006.01)
A61N 7/00 (2006.01)
B06B 1/02 (2006.01)
G01S 7/52 (2006.01)
G01S 15/89 (2006.01)
(43) 08.09.2022
(62) 2017281012
(72) Cristman, Paul Francis; Sanchez, Nevada J.; Alie, Susan A.; Zahorian, Jaime Scott; De Jonge, Matthew; Fife, Keith G.; Ralston, Tyler S.; McNulty, Christopher Thomas; Rothberg, Jonathan M.
(74) Davies Collison Cave Pty Ltd
-
- (71)** Carrington, A.; Smith, B.
(11) AU-A-2022209358
(21) 2022209358 **(22)** 30.07.2022
(54) CRYSTAL, SPIRITUAL, ENERGY HEALING METHOD AND FLOAT VESSEL
(51) Int. Cl.
A47G 29/00 (2006.01)
A47K 3/00 (2006.01)
F21V 35/00 (2006.01)
(43) 08.09.2022
(62) PCT/AU2021/000002
(72) Carrington, Ann; Smith, Brent
(74) protectmyidea.com.au
-
- (71)** CASCO Europe Limited
(11) AU-A-2022201035
(21) 2022201035 **(22)** 17.02.2022
(54) Veterinary Lighting Apparatus
(51) Int. Cl.
F21S 4/28 (2016.01)
A01K 1/03 (2006.01)
F21V 29/70 (2015.01)
H05B 45/20 (2020.01)
(31) 2102658.8 **(32)** 25.02.21 **(33)** GB
(43) 08.09.2022
(72) Bubear, Matthew
(74) KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD
-
- (71)** Citrix Systems, Inc.
(11) AU-A-2022215325
(21) 2022215325 **(22)** 15.08.2022
(54) Systems and methods for virtual session connection using component-based connection leases
(51) Int. Cl.
G06F 9/46 (2006.01)
G06F 9/50 (2006.01)
H04L 67/51 (2022.01)
(43) 08.09.2022
(62) 2020279011
(72) MOMCHILOV, Georgy; DIVOUX, Hubert; VALDES, Roberto
(74) Spruson & Ferguson
-
- (71)** CNH Industrial America LLC
(11) AU-A-2022201122
(21) 2022201122 **(22)** 18.02.2022
(54) System and method for controlling the ground speed of an agricultural sprayer
(51) Int. Cl.
A01C 23/00 (2006.01)
A01C 23/04 (2006.01)
B05B 12/00 (2018.01)
B05B 12/12 (2006.01)
(31) 17/179,688 **(32)** 19.02.21 **(33)** US
(43) 08.09.2022
(72) Bast, Brent David; Long, Scott Allen; Brooks, Nathan Paul; Winkel, Steven
(74) Griffith Hack
-
- (71)** CNH Industrial America LLC
(11) AU-A-2022201125
(21) 2022201125 **(22)** 21.02.2022
(54) System and method for controlling a ground speed of an agricultural sprayer
(51) Int. Cl.
A01C 23/00 (2006.01)
A01C 23/04 (2006.01)
(31) 63/151,921 **(32)** 22.02.21 **(33)** US
 17/242,402 28.04.21 US
(43) 08.09.2022
(72) Brooks, Nathan Paul; Greifzu, John Patrick
(74) Griffith Hack
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- (71)** CNH Industrial America LLC
(11) AU-A-2022201126
(21) 2022201126 **(22)** 21.02.2022
(54) Routing system and methods for an agricultural applicator
(51) Int. Cl.
A01C 23/00 (2006.01)
A01C 23/04 (2006.01)
A01M 7/00 (2006.01)
B05B 12/04 (2006.01)
B05B 15/65 (2018.01)
(31) 63/151,921 **(32)** 22.02.21 **(33)** US
 17/379,377 19.07.21 US
(43) 08.09.2022
(72) Hafvenstein, David; Tallapall, Naga Venkata Prasanna Kumar
(74) Griffith Hack
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- (71)** CNH Industrial America LLC
(11) AU-A-2022201129
(21) 2022201129 **(22)** 21.02.2022

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- (54) System and method for purging agricultural sprayer nozzles using air pressure data
 (51) Int. Cl.
A01M 7/00 (2006.01)
A01C 23/00 (2006.01)
A01C 23/04 (2006.01)
B05B 9/04 (2006.01)
B05B 12/00 (2018.01)
B05B 15/55 (2018.01)
 (31) 63/151,921 (32) 22.02.21 (33) US
 17/225,525 08.04.21 US
 (43) 08.09.2022
 (72) Brooks, Nathan Paul
 (74) Griffith Hack
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- (71) CNH Industrial America LLC
 (11) AU-A-2022201131
 (21) 2022201131 (22) 21.02.2022
 (54) System and method for controlling boom assembly movement of an agricultural sprayer
 (51) Int. Cl.
A01M 7/00 (2006.01)
A01B 73/02 (2006.01)
B05B 12/00 (2018.01)
B05B 12/12 (2006.01)
 (31) 63/151,921 (32) 22.02.21 (33) US
 17/307,206 04.05.21 US
 (43) 08.09.2022
 (72) Hafvenstein, David; Batz-Alvarado, Jose; Brooks, Nathan Paul; Amundson, Jeremy A.
 (74) Griffith Hack
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- (71) CNH Industrial America LLC
 (11) AU-A-2022201133
 (21) 2022201133 (22) 21.02.2022
 (54) Systems and methods for product system of an agricultural applicator
 (51) Int. Cl.
A01C 23/00 (2006.01)
A01C 23/04 (2006.01)
A01M 7/00 (2006.01)
 (31) 63/151,921 (32) 22.02.21 (33) US
 17/307,589 04.05.21 US
 (43) 08.09.2022
 (72) Sandey, Mitchell; Krohn, Martin Louis; Brooks, Nathan Paul; Amundson, Jeremy A.
 (74) Griffith Hack
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- (71) CNH Industrial America LLC
 (11) AU-A-2022201139
 (21) 2022201139 (22) 21.02.2022
 (54) Agricultural product system and methods for an agricultural applicator
 (51) Int. Cl.
A01C 23/00 (2006.01)
A01C 23/04 (2006.01)
A01M 7/00 (2006.01)
B05B 9/04 (2006.01)
B05B 15/55 (2018.01)
 (31) 63/151,921 (32) 22.02.21 (33) US
 17/327,195 21.05.21 US
 (43) 08.09.2022
 (72) Sandey, Mitchell; Long, Scott Allen; Brooks, Nathan Paul
 (74) Griffith Hack
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- (71) CNH Industrial America LLC
 (11) AU-A-2022201141
 (21) 2022201141 (22) 21.02.2022
 (54) Systems and methods for monitoring a level of hydraulic fluid in an agricultural sprayer
 (51) Int. Cl.
A01M 7/00 (2006.01)
A01C 23/04 (2006.01)
 (31) 63/151,921 (32) 22.02.21 (33) US
 17/330,069 25.05.21 US
 (43) 08.09.2022
 (72) Hafvenstein, David; Croydon, Timothy Patrick; Greifzu, John Patrick
 (74) Griffith Hack
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- (71) CNH Industrial America LLC
 (11) AU-A-2022201143
 (21) 2022201143 (22) 21.02.2022
 (54) Agricultural system and method for preventing roll-back of an agricultural vehicle on a sloped surface
 (51) Int. Cl.
B60W 30/18 (2012.01)
A01M 7/00 (2006.01)
B60R 16/023 (2006.01)
B60W 10/02 (2006.01)
B60W 10/10 (2012.01)
 (31) 63/151,921 (32) 22.02.21 (33) US
 17/334,165 28.05.21 US
 (43) 08.09.2022
 (72) Bast, Brent David; Brooks, Nathan Paul; Winkel, Steven; Greifzu, John Patrick
 (74) Griffith Hack
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- (71) CNH Industrial America LLC
 (11) AU-A-2022201158
 (21) 2022201158 (22) 21.02.2022
 (54) System and method for controlling boom assembly movement of an agricultural sprayer
 (51) Int. Cl.
A01M 7/00 (2006.01)
A01C 23/04 (2006.01)
B05B 12/00 (2018.01)
B05B 12/12 (2006.01)
 (31) 63/151,921 (32) 22.02.21 (33) US
 17/337,606 03.06.21 US
 (43) 08.09.2022
 (72) Hafvenstein, David; Batz-Alvarado, Jose; Brooks, Nathan Paul; Amundson, Jeremy A.
 (74) Griffith Hack
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- (71) CNH Industrial America LLC
 (11) AU-A-2022201160
 (21) 2022201160 (22) 21.02.2022
 (54) Cleaning system for an agricultural sprayer
 (51) Int. Cl.
A01M 7/00 (2006.01)
B05B 1/32 (2006.01)
B05B 9/043 (2006.01)
B05B 15/555 (2018.01)
 (31) 63/151,921 (32) 22.02.21 (33) US
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 (43) 08.09.2022
 (72) Moen, Richard Arden; Roach, William A.; Hammer, Kevin; Honermann, John Paul
 (74) Griffith Hack
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- (71) CNH Industrial America LLC
 (11) AU-A-2022201191
 (21) 2022201191 (22) 22.02.2022
 (54) Systems and methods for a product system of an agricultural applicator
 (51) Int. Cl.
A01C 23/00 (2006.01)
A01C 23/04 (2006.01)
A01M 7/00 (2006.01)
 (31) 63/151,921 (32) 22.02.21 (33) US
 17/236,546 21.04.21 US
 (43) 08.09.2022
 (72) Sandey, Mitchell; Long, Scott Allen; Escobedo, Ricardo; Brooks, Nathan Paul
 (74) Griffith Hack
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- (71) CNH Industrial America LLC
 (11) AU-A-2022201208
 (21) 2022201208 (22) 22.02.2022
 (54) System and method for purging agricultural sprayer nozzles based on air pressure
 (51) Int. Cl.
A01M 7/00 (2006.01)
A01C 23/04 (2006.01)
B05B 12/02 (2006.01)
B05B 12/14 (2006.01)
B08B 5/02 (2006.01)
 (31) 63/151,921 (32) 22.02.21 (33) US
 17/236,299 21.04.21 US
 (43) 08.09.2022
 (72) Sandey, Mitchell; Long, Scott Allen; Brooks, Nathan Paul
 (74) Griffith Hack
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- (71) CNH Industrial America LLC
 (11) AU-A-2022201212
 (21) 2022201212 (22) 22.02.2022
 (54) Systems and methods for a product system of an agricultural applicator
 (51) Int. Cl.
A01C 23/00 (2006.01)
A01C 23/04 (2006.01)
A01M 7/00 (2006.01)
 (31) 63/151,921 (32) 22.02.21 (33) US
 17/236,617 21.04.21 US
 (43) 08.09.2022
 (72) Sandey, Mitchell; Long, Scott Allen; Brooks, Nathan Paul
 (74) Griffith Hack
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- (71) Commonwealth Scientific and Industrial Research Organisation
 (11) AU-A-2022218528
 (21) 2022218528 (22) 17.08.2022
 (54) Processes for producing industrial products from plant lipids
 (51) Int. Cl.
C12N 15/82 (2006.01)

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C10G 1/04 (2006.01)
C11B 1/10 (2006.01)
C11B 1/14 (2006.01)
C12N 15/29 (2006.01)
C12N 15/52 (2006.01)
(43) 08.09.2022
(62) 2015286221
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(74) FB Rice Pty Ltd
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- (71)** CommScope Technologies LLC
(11) AU-A-2022218596
(21) 2022218596 **(22)** 18.08.2022
(54) Connector assembly with grounding
(51) Int. Cl.
H01R 13/46 (2006.01)
H01R 13/627 (2006.01)
H01R 24/64 (2011.01)
(43) 08.09.2022
(62) 2017312480
(72) WHITE, Gordon John; TOBEY, Shawn Phillip; FITZPATRICK, Brian J.
(74) Davies Collison Cave Pty Ltd
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- Cooper, F. see RevAir, LLC**
(21) 2022218474
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- (71)** Crown Equipment Corporation
(11) AU-A-2022218500
(21) 2022218500 **(22)** 16.08.2022
(54) Multi-field scanning tools in materials handling vehicles
(51) Int. Cl.
G05D 1/02 (2020.01)
B66F 9/06 (2006.01)
(43) 08.09.2022
(62) 2017315458
(72) Donnely, Jess; Okroy, Martin; Han-neman, Stefan; Wellman, Timothy A.; Poschl, Franz; Sauer, Stefan
(74) Griffith Hack
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- (71)** CSL Behring Gene Therapy, Inc.
(11) AU-A-2022218478
(21) 2022218478 **(22)** 15.08.2022
(54) Bio-production of lentiviral vectors
(51) Int. Cl.
C12N 15/86 (2006.01)
A61K 35/76 (2015.01)
C12N 5/10 (2006.01)
(43) 08.09.2022
(62) 2016261864
(72) Bartlett, Jeffrey S.; Lee, Chi-Lin
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71)** Daikin Industries, Ltd.
(11) AU-A-2022218476
(21) 2022218476 **(22)** 15.08.2022
(54) Composition containing refrigerant, use of said composition, refrigerator having
- said composition, and method for operating said refrigerator
(51) Int. Cl.
C09K 5/04 (2006.01)
F25B 1/00 (2006.01)
(43) 08.09.2022
(62) 2018392390
(72) ITANO, Mitsushi; KARUBE, Daisuke; YOTSUMOTO, Yuuki; TAKAHASHI, Kazuhiro
(74) Spruson & Ferguson
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- (71)** Deere & Company
(11) AU-A-2022201225
(21) 2022201225 **(22)** 23.02.2022
(54) Seed placement device
(51) Int. Cl.
A01C 7/16 (2006.01)
A01C 7/20 (2006.01)
(31) 63/152,995 **(32)** 24.02.21 **(33)** US 17/676,579 21.02.22 US
(43) 08.09.2022
(72) Casper, Robert T.; Garner, Elijah B.; Dhobale, Dnyanesh; Borkgren, Stanley R.
(74) Davies Collison Cave Pty Ltd
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- (71)** Drexel University
(11) AU-A-2022218493
(21) 2022218493 **(22)** 16.08.2022
(54) Compounds and compositions useful for treating or preventing cancer metastasis, and methods using same
(51) Int. Cl.
C07K 16/18 (2006.01)
A61K 31/573 (2006.01)
A61K 38/19 (2006.01)
A61K 38/21 (2006.01)
C07K 16/24 (2006.01)
(43) 08.09.2022
(62) 2016261770
(72) Shen, Fei; Shahriari, Kristina Susan; Fatatis, Alessandro; Jernigan, Danielle
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71)** Duke University
(11) AU-A-2022218510
(21) 2022218510 **(22)** 17.08.2022
(54) NON-REGULAR ELECTRICAL STIMULATION PATTERNS FOR IMPROVED EFFICIENCY IN TREATING PARKINSON'S DISEASE
(51) Int. Cl.
A61N 1/05 (2006.01)
(43) 08.09.2022
(62) 2020210149
(72) BROCKER, David T.; BIRDNO, Merrill; GRILL, Warren M.
(74) Maxwells Patent & Trade Mark Attorneys Pty Ltd
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- (71)** Dunlop, T.
(11) AU-A-2022215317
(21) 2022215317 **(22)** 12.08.2022
(54) A System, Method and Device for Determining Conditions of a Borehole
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- (51)** Int. Cl.
E21B 47/04 (2012.01)
E21B 47/06 (2012.01)
(43) 08.09.2022
(62) 2020264425
(72) DEER, William Andrew; LEY, David John; ONEDERRA, Italo Andres; POUNDS, Pauline; MILNE, John DeCoursey; Dunlop, Toni
(74) Ahearn Fox
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- (71)** Earls, N.
(11) AU-A-2021273533
(21) 2021273533 **(22)** 23.11.2021
(54) Hurdles
(51) Int. Cl.
A63K 3/04 (2006.01)
(31) 2102629.9 **(32)** 24.02.21 **(33)** GB
(43) 08.09.2022
(72) Earls, Niall
(74) James & Wells Intellectual Property
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- (71)** Eddy Current Limited Partnership
(11) AU-A-2022218456
(21) 2022218456 **(22)** 15.08.2022
(54) AN ASSEMBLY TO CONTROL OR GOVERN RELATIVE SPEED OF MOVEMENT BETWEEN PARTS
(51) Int. Cl.
H02K 49/04 (2006.01)
H02K 49/02 (2006.01)
(43) 08.09.2022
(62) 2021204270
(72) Diehl, Andrew Karl; Wright, Kevin A.
(74) CreatelP
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- (71)** ERICO International Corporation
(11) AU-A-2022201268
(21) 2022201268 **(22)** 24.02.2022
(54) Support assembly for power conductors
(51) Int. Cl.
F16L 3/10 (2006.01)
H02G 3/32 (2006.01)
(31) 63/153,195 **(32)** 24.02.21 **(33)** US
(43) 08.09.2022
(72) Steven, Rois; Pascal, Godard; Frederic, Bizet
(74) Spruson & Ferguson
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- (71)** Esco Group LLC
(11) AU-A-2022215294
(21) 2022215294 **(22)** 12.08.2022
(54) Wear assembly for earth working equipment
(51) Int. Cl.
E02F 9/28 (2006.01)
(43) 08.09.2022
(62) 2017217225
(72) Snyder, Christopher D.
(74) Minter Ellison
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- (71)** EXEL Industries
(11) AU-A-2022200760
(21) 2022200760 **(22)** 04.02.2022
(54) Compost leachate distribution devices
(51) Int. Cl.

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(31) 2102513.5 **(32)** 22.02.21 **(33)** GB
(43) 08.09.2022
(72) WALTERS, George; BOUGHTON, Robert
(74) FB Rice Pty Ltd

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(21) 2022218512

(71) F. Hoffmann-La Roche AG
(11) AU-A-2022218486
(21) 2022218486 **(22)** 16.08.2022
(54) Process for making arylomyin ring analogs
(51) Int. Cl.
C07D 245/02 (2006.01)
A61K 31/395 (2006.01)
A61P 31/04 (2006.01)
(43) 08.09.2022
(62) 2018243724
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(74) Spruson & Ferguson

(71) Face Safe Holdings Pty Ltd
(11) AU-A-2022201211
(21) 2022201211 **(22)** 22.02.2022
(54) A safety apparatus for use in longwall mining
(51) Int. Cl.
E21D 23/04 (2006.01)
E21D 19/02 (2006.01)
(31) 2021900463 **(32)** 22.02.21 **(33)** AU
(43) 08.09.2022
(72) Riley, Benjamin John
(74) Michael Buck IP

(71) Fasteners for Retail, Inc.
(11) AU-A-2022218494
(21) 2022218494 **(22)** 16.08.2022
(54) Actuator with locking mechanism
(51) Int. Cl.
A47F 3/08 (2006.01)
A47F 1/12 (2006.01)
(43) 08.09.2022
(62) 2020281152
(72) LIEDTKE, Michael Eric; HUA, Yun
(74) Griffith Hack

(71) Fisher & Paykel Healthcare Limited
(11) AU-A-2022218488
(21) 2022218488 **(22)** 16.08.2022
(54) Medical Tubes and Methods of Manufacture
(51) Int. Cl.
A61M 39/00 (2006.01)
A61M 16/00 (2006.01)
(43) 08.09.2022
(62) 2020250297
(72) North, Charles Christopher; Stoks, Elmo Benson
(74) AJ PARK

(71) Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.; Friedrich-Alexander-Universitaet Erlangen-Nuernberg
(11) AU-A-2022218521
(21) 2022218521 **(22)** 17.08.2022
(54) Generating channel access patterns for networks that are not coordinated with one another
(51) Int. Cl.
H04W 72/04 (2009.01)
H04B 1/7143 (2011.01)
H04B 1/7156 (2011.01)
H04W 72/08 (2009.01)
(43) 08.09.2022
(62) 2019291074
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(74) FB Rice Pty Ltd

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(21) 2022218521

(71) Fung, J.
(11) AU-A-2021203859
(21) 2021203859 **(22)** 10.06.2021
(54) Mesh reinforced dental restorations
(51) Int. Cl.
A61C 5/73 (2017.01)
A61C 5/77 (2017.01)
A61C 5/30 (2017.01)
(43) 08.09.2022
(62) 2021201201
(72) Fung, John
(74) FB Rice Pty Ltd

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(21) 2022215315

(71) Gilead Sciences, Inc.
(11) AU-A-2022218459
(21) 2022218459 **(22)** 15.08.2022
(54) Imidazopyridine derivatives as alpha4beta7 integrin inhibitors
(51) Int. Cl.
C07D 471/04 (2006.01)
A61K 31/437 (2006.01)
A61P 29/00 (2006.01)
C07D 519/00 (2006.01)
(43) 08.09.2022
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Codelli, Julian A.; Clark, Christopher T.; Chandrasekhar, Jayaraman; Blomgren, Peter A.
(74) FPA Patent Attorneys Pty Ltd

(71) Gilead Sciences, Inc.
(11) AU-A-2022218506
(21) 2022218506 **(22)** 17.08.2022
(54) Substituted 6-azabenzimidazole compounds as HPK1 inhibitors
(51) Int. Cl.
C07D 471/04 (2006.01)
A61K 31/437 (2006.01)
A61P 35/00 (2006.01)
C07D 519/00 (2006.01)
(43) 08.09.2022
(62) 2019372046
(72) Salvo, Patrick J.; Swaminathan, Sundaramoorthi; van Veldhuizen, Joshua J.; Yeung, Suet C.; Zablocki, Jeff; Balan, Gayatri; Bartlett, Mark J.; Chandrasekhar, Jayaraman; Codelli, Julian A.; Conway, John H.; Cosman, Jennifer L.; Kalla, Rao V.; Kasun, Zachary A.; Mitchell, Scott A.; Kim, Musong; Lee, Seung H.; Lo, Jennifer R.; Loyer-Drew, Jennifer A.; Perry, Thao D.; Phillips, Gary B.
(74) FPA Patent Attorneys Pty Ltd

(71) Globaltech Corporation Pty Ltd
(11) AU-A-2022218535
(21) 2022218535 **(22)** 17.08.2022
(54) Downhole surveying and core sample orientation systems, devices and methods
(51) Int. Cl.
E21B 25/16 (2006.01)
E21B 47/026 (2006.01)
(43) 08.09.2022
(62) 2017220389
(72) Hejleh, Khaled Mufid Yousef
(74) Griffith Hack

(71) Google LLC
(11) AU-A-2022218466
(21) 2022218466 **(22)** 15.08.2022
(54) PROACTIVE CACHING OF ASSISTANT ACTION CONTENT AT A CLIENT DEVICE TO ENABLE ON-DEVICE RESOLUTION OF SPOKEN OR TYPED UTTERANCES
(51) Int. Cl.
G10L 15/22 (2006.01)
(43) 08.09.2022
(62) 2019444630
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(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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 (11) AU-A-2021232690
 (21) 2021232690 (22) 19.03.2021
 (54) Spectrometer detection device
 (51) Int. Cl.
G01J 3/00 (2006.01)
 (31) 202110192731.0 (32) 20.02.21 (33) CN
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 (74) MINTER ELLISON
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- (71) HAO, D.
 (11) AU-A-2022200488
 (21) 2022200488 (22) 27.01.2022
 (54) AXIALLY PRESSURIZING TOOTH-SHAPED ANTI-DROP SCREW WITH STRONG TENSION
 (51) Int. Cl.
A61B 17/86 (2006.01)
A61B 17/88 (2006.01)
F16B 31/04 (2006.01)
F16B 35/04 (2006.01)
F16B 39/02 (2006.01)
 (31) 202110190688.4 (32) 19.02.21 (33) CN
 (43) 08.09.2022
 (72) HAO, Dingjun; ZHANG, Haiping
 (74) Ellis Terry
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- (71) Hendrickson USA, L.L.C.
 (11) AU-A-2022218519
 (21) 2022218519 (22) 17.08.2022
 (54) Axle-to-beam connection for heavy-duty vehicles
 (51) Int. Cl.
B60G 9/00 (2006.01)
B60G 7/00 (2006.01)
B60G 7/04 (2006.01)
 (43) 08.09.2022
 (62) 2019330806
 (72) MILLER, David E.; WESTNEDGE, Andrew J.
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- (71) Henley, K.
 (11) AU-A-2021201144
 (21) 2021201144 (22) 22.02.2021
 (54) Sea Light Protector 06
 (51) Int. Cl.
B63B 22/16 (2006.01)
B63B 45/04 (2006.01)
 (43) 08.09.2022
 (72) Henley, Kieran James
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 (54) Sea Light Protector 05
 (51) Int. Cl.
B63B 22/16 (2006.01)
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 (21) 2021282386 (22) 25.03.2021
 (54) Method for manufacturing coal-based geopolymer foam including silica fume
 (51) Int. Cl.
C04B 38/10 (2006.01)
 (31) 10-2021-0025041 (32) 24.02.21 (33) KR
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 (74) IP SOLVED (ANZ) PTY. LTD.
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 (21) 2022201175 (22) 22.02.2022
 (54) A dual control truck
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B62D 33/063 (2006.01)
B60P 1/48 (2006.01)
E02F 3/28 (2006.01)
E02F 3/92 (2006.01)
E02F 9/12 (2006.01)
B60P 1/16 (2006.01)
B60P 1/64 (2006.01)
B65F 3/14 (2006.01)
 (31) 2021900510 (32) 25.02.21 (33) AU
 (43) 08.09.2022
 (72) Holt, Mark; Hoogesteger, Callum
 (74) Patentec Patent Attorneys
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 (21) 2022200627 (22) 01.02.2022
 (54) Replaceable Container Topper
 (51) Int. Cl.
B65D 51/18 (2006.01)
B65D 23/08 (2006.01)
B65D 23/12 (2006.01)
 (31) 17/181,224 (32) 22.02.21 (33) US
 (43) 08.09.2022
 (72) HUANG, Po-Chun
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 (11) AU-A-2022218507
 (21) 2022218507 (22) 17.08.2022
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 (51) Int. Cl.
G10L 19/008 (2013.01)
 (43) 08.09.2022
 (62) 2020267256
 (72) LIU, Zexin; ZHANG, Xingtao; LI, Haiting; MIAO, Lei
 (74) Spruson & Ferguson
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- (71) Illinois Tool Works Inc.
 (11) AU-A-2022201176
 (21) 2022201176 (22) 22.02.2022
 (54) Fastener driving apparatus and methods
 (51) Int. Cl.
B25C 1/04 (2006.01)
 (31) 63/153,043 (32) 24.02.21 (33) US
 17/673,502 16.02.22 US
 (43) 08.09.2022
 (72) Mendez Jaquez, Miguel E.; Versino, Anthony M.; Cortez, Genaro
 (74) Davies Collison Cave Pty Ltd
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- (71) Impact Import Group Pty Ltd
 (11) AU-A-2022201079
 (21) 2022201079 (22) 18.02.2022
 (54) A STORAGE SYSTEM SUITABLE FOR INSTALLATION IN OR ON A VEHICLE
 (51) Int. Cl.
B60R 7/02 (2006.01)
A47B 88/473 (2017.01)
A47B 88/53 (2017.01)
B60R 5/04 (2006.01)
B60R 7/08 (2006.01)
B60R 9/06 (2006.01)
A47B 88/407 (2017.01)
A47B 88/493 (2017.01)
A47B 88/919 (2017.01)
A47B 88/963 (2017.01)
B60P 7/08 (2006.01)
B60R 11/00 (2006.01)
B60R 11/06 (2006.01)
E05B 65/46 (2017.01)
 (31) 2021900462 (32) 22.02.21 (33) AU
 (43) 08.09.2022
 (72) Matthews, Giles Frederick; Stolfo, Antony Angelo; Yuan, Yi; West, Jeffrey; Chapman, David Richard; Fuller, Blake Jordan; Mills, Louis David
 (74) Phillips Ormonde Fitzpatrick
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- (71) Impact Import Group Pty Ltd
 (11) AU-A-2022201080
 (21) 2022201080 (22) 18.02.2022
 (54) A STORAGE SYSTEM SUITABLE FOR INSTALLATION IN OR ON A VEHICLE
 (51) Int. Cl.
B60P 7/08 (2006.01)
A47B 88/407 (2017.01)
B60R 5/04 (2006.01)
B60R 7/02 (2006.01)
B60R 7/08 (2006.01)
B60R 9/06 (2006.01)
B60R 11/00 (2006.01)
B60R 11/06 (2006.01)
 (31) 2021900456 (32) 22.02.21 (33) AU

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 (74) Phillips Ormonde Fitzpatrick

(71) Incube Labs, LLC
 (11) AU-A-2022218524
 (21) 2022218524 (22) 17.08.2022
 (54) Methods and articles for delivering viable cells into solid tissue
 (51) Int. Cl.
A61K 35/12 (2015.01)
A61K 9/00 (2006.01)
A61L 27/52 (2006.01)
 (43) 08.09.2022
 (62) 2017230737
 (72) Imran, Mir; Harris, Joel
 (74) FPA Patent Attorneys Pty Ltd

(71) INCYTE HOLDINGS CORPORATION
 (11) AU-A-2022218495
 (21) 2022218495 (22) 16.08.2022
 (54) USE OF PYRAZOLOPYRIMIDINE DERIVATIVES FOR THE TREATMENT OF PI3Kδ RELATED DISORDERS
 (51) Int. Cl.
A61K 31/519 (2006.01)
A61K 31/5377 (2006.01)
A61P 35/00 (2006.01)
 (43) 08.09.2022
 (62) 2020210278
 (72) ZHU, Wenyu; MEI, Song; YUE, Eddy W.; COMBS, Andrew P.; HE, Chunhong; LI, Yun-Long; SPARKS, Richard B.; DOUTY, Brent; GLENN, Joseph; MADUSKUIE Jr., Thomas P.; YAO, Wenqing
 (74) Houlihan2 Pty Ltd

(71) Institute of Geology and Geophysics, Chinese Academy of Sciences
 (11) AU-A-2021204490
 (21) 2021204490 (22) 29.06.2021
 (54) BOUNDARY TRUNCATION LAYER METHOD AND APPARATUS FOR THREE-DIMENSIONAL FORWARD MODELLING OF LOW-FREQUENCY
 (51) Int. Cl.
G01V 99/00 (2009.01)
 (31) 202110207428.3 (32) 25.02.21 (33) CN
 (43) 08.09.2022
 (72) LEI, Da; YANG, Liangyong; LU, Juntao; REN, Hao
 (74) Eden Z

(71) Integral Property Australia Pty Ltd; Tyche Australia Pty Ltd
 (11) AU-A-2021201194
 (21) 2021201194 (22) 24.02.2021
 (54) Rend R Wall
 (51) Int. Cl.
E04B 2/72 (2006.01)
E04B 2/00 (2006.01)
E04C 2/04 (2006.01)
E04F 13/072 (2006.01)

E04F 13/08 (2006.01)
E04B 1/90 (2006.01)
 (43) 08.09.2022
 (72) Ziade, Neaf
 (74) Intel Property Australia Pty Ltd

(71) Intuit Inc.
 (11) AU-A-2022215302
 (21) 2022215302 (22) 12.08.2022
 (54) Matching adopting users and contributing users for decentralized software localization
 (51) Int. Cl.
G06Q 10/00 (2012.01)
G06F 8/71 (2018.01)
G06F 8/76 (2018.01)
 (43) 08.09.2022
 (62) 2019227432
 (72) PAI, Yogish; GOYETTE, Steve George; MACMARTIN, Robert Bruce; KADABA, Bharath; HARI, Narayana; SAIMANI, Jayanth; VERMA, Anshu; SHARMA, Anil; ASWATH, Kiran; KURIAN, Merrin
 (74) Davies Collison Cave Pty Ltd

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 (21) 2022218474

(71) Jay-Lor International Inc.
 (11) AU-A-2022200814
 (21) 2022200814 (22) 08.02.2022
 (54) Coned auger
 (51) Int. Cl.
B01F 27/1145 (2022.01)
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B01F 27/721 (2022.01)
B01F 33/502 (2022.01)
 (31) 63/151,180 (32) 19.02.21 (33) US
 (43) 08.09.2022
 (72) Tamminga, Jakob; Bouwman, Nathan
 (74) Davies Collison Cave Pty Ltd

(71) Jugovic, E.
 (11) AU-A-2022215318
 (21) 2022215318 (22) 12.08.2022
 (54) INTERMEDIATED ACCESS TO ENTITY INFORMATION PROFILES
 (51) Int. Cl.
G06Q 10/10 (2012.01)
H04L 12/16 (2006.01)
 (43) 08.09.2022
 (62) 2017402134
 (72) Jugovic, Ernest
 (74) SOUTHERN CROSS INTELLECTUAL PROPERTY PTY LTD

(71) KABUSHIKI KAISHA TOYOTA JIDOSHOKKI
 (11) AU-A-2022200864
 (21) 2022200864 (22) 10.02.2022
 (54) Cooling system and method for controlling cooling system
 (51) Int. Cl.
F01N 3/20 (2006.01)
F01N 9/00 (2006.01)
F01N 11/00 (2006.01)

F01P 3/12 (2006.01)
F01P 5/12 (2006.01)
F01P 7/16 (2006.01)
 (31) 2021-025211 (32) 19.02.21 (33) JP
 (43) 08.09.2022
 (72) MORITA, Ryusuke
 (74) Griffith Hack

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 (21) 2022201314

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(71) Komatsu Ltd.
 (11) AU-A-2022215314
 (21) 2022215314 (22) 12.08.2022
 (54) Unmanned vehicle control system, unmanned vehicle, and unmanned vehicle control method
 (51) Int. Cl.
G08G 1/09 (2006.01)
G08G 1/00 (2006.01)
 (43) 08.09.2022
 (62) 2019315065
 (72) BABA, Akinori; YAMAMURA, Ryuu
 (74) Spruson & Ferguson

(71) Korex Pty Ltd
 (11) AU-A-2022218480
 (21) 2022218480 (22) 15.08.2022
 (54) Method And Apparatus For Separating Solid Contaminant Material From Soil
 (51) Int. Cl.
B07B 1/38 (2006.01)
B09C 1/00 (2006.01)
 (43) 08.09.2022
 (62) 2017254853
 (72) Noonan, Simone; Paydon, Donald Dennis
 (74) WRAYS PTY LTD

(71) LOWE, T.J.
 (11) AU-A-2022200998
 (21) 2022200998 (22) 15.02.2022
 (54) ELECTRICAL CONNECTION VALVATION SYSTEM FOR A TRACTOR/TRAILER COMBINATION
 (51) Int. Cl.
B60D 1/64 (2006.01)
 (31) 2102398.1 (32) 19.02.21 (33) GB
 (43) 08.09.2022
 (72) LOWE, Thomas Jeffrey
 (74) Halfords IP

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 (21) 2022215304

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(71) Magic Leap, Inc.
 (11) AU-A-2022218527
 (21) 2022218527 (22) 17.08.2022
 (54) Augmented reality systems and methods with variable focus lens elements
 (51) Int. Cl.
 G02B 27/01 (2006.01)
 G02C 7/06 (2006.01)
 (43) 08.09.2022
 (62) 2017246901
 (72) Schowengerdt, Brian T.; Miller, Samuel A.; Greco, Paul M.
 (74) Davies Collison Cave Pty Ltd

(71) Mallinckrodt Hospital Products IP Limited
 (11) AU-A-2022218487
 (21) 2022218487 (22) 16.08.2022
 (54) SYSTEMS AND METHOD FOR DELIVERY OF THERAPEUTIC GAS TO PATIENTS IN NEED THEREOF USING ENHANCED BREATHING CIRCUIT GAS (BCG) FLOW MEASUREMENT
 (51) Int. Cl.
 A61M 16/00 (2006.01)
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 (43) 08.09.2022
 (62) 2020294269
 (72) Acker, Jaron M.; Tolmie, Craig R.
 (74) PHILLIPS ORMONDE FITZPATRICK

M and J Mining (Pty) Ltd see VVK Engineering (Pty) Ltd
 (21) 2022215315

(71) Maytronics Ltd.
 (11) AU-A-2022201120
 (21) 2022201120 (22) 18.02.2022
 (54) Systems, Subsystems And Methods For Measuring Water Characteristics In A Water Facility
 (51) Int. Cl.
 G01N 21/63 (2006.01)
 G01J 3/42 (2006.01)
 G01N 21/17 (2006.01)
 (31) 281018 (32) 22.02.21 (33) IL
 (43) 08.09.2022
 (72) SOBOL, Shahar; RACHMAN, Alexander; KISLEV, Hanoch; LULKO, Igor
 (74) WRAYS PTY LTD

(71) Medos International Sarl
 (11) AU-A-2022201114
 (21) 2022201114 (22) 18.02.2022
 (54) Knotless instability devices and methods for soft tissue repair
 (51) Int. Cl.
 A61B 17/04 (2006.01)
 A61F 2/08 (2006.01)
 (31) 17/180,102 (32) 19.02.21 (33) US
 (43) 08.09.2022
 (72) HERNANDEZ, Joseph; MILLER, Gerome; SENGUN, Mehmet Ziya; SOJKA, Erik; WHITTAKER, Gregory R.
 (74) Spruson & Ferguson

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 (21) 2022215304

(71) Monson, R.
 (11) AU-A-2022209321
 (21) 2022209321 (22) 28.07.2022
 (54) Inferencing Learning and Utilisation System and Method
 (51) Int. Cl.
 G06N 5/04 (2006.01)
 G06F 17/18 (2006.01)
 G06F 40/20 (2020.01)
 (43) 08.09.2022
 (62) 2016343300
 (72) Monson, Ronald
 (74) Ronald Monson

(71) Motorola Solutions, Inc.
 (11) AU-A-2022218483
 (21) 2022218483 (22) 16.08.2022
 (54) METHOD, SYSTEM AND COMPUTER PROGRAM PRODUCT FOR INTELLIGENT TRACKING AND DATA TRANSFORMATION BETWEEN INTERCONNECTED SENSOR DEVICES OF MIXED TYPE
 (51) Int. Cl.
 G06K 9/78 (2006.01)
 G06T 7/00 (2017.01)
 (43) 08.09.2022
 (62) 2020281176
 (72) Sabripour, Shervin; Preston, John B.; Van Der Zaag, Bert; Koskan, Patrick D.
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) NAVICO HOLDINGS AS
 (11) AU-A-2022200921
 (21) 2022200921 (22) 11.02.2022
 (54) SONAR BEAM ZONE PRESENTATION
 (51) Int. Cl.
 G06F 3/14 (2006.01)
 G01S 7/52 (2006.01)
 G01S 15/89 (2006.01)
 G01S 15/96 (2006.01)
 (31) 17/179,460 (32) 19.02.21 (33) US
 17/349,046 16.06.21 US
 (43) 08.09.2022
 (72) HOOPER, Mathew J.
 (74) AJ PARK

(71) NAVICO HOLDINGS AS
 (11) AU-A-2022200934
 (21) 2022200934 (22) 11.02.2022
 (54) SONAR BEAM FOOTPRINT PRESENTATION
 (51) Int. Cl.
 G01S 15/02 (2006.01)
 G01S 7/52 (2006.01)
 G01S 15/88 (2006.01)
 (31) 17/179,460 (32) 19.02.21 (33) US
 (43) 08.09.2022
 (72) HOOPER, Mathew J.
 (74) AJ PARK

(71) Nemaska Lithium Inc.
 (11) AU-A-2022218455
 (21) 2022218455 (22) 15.08.2022
 (54) Processes for preparing lithium carbonate
 (51) Int. Cl.
 C25B 1/16 (2006.01)
 C01D 15/08 (2006.01)
 C22B 3/04 (2006.01)
 C22B 26/12 (2006.01)
 (43) 08.09.2022
 (62) 2019204129
 (72) BOURASSA, Guy; PEARSE, Gary; MACKIE, Stephen Charles; GLADKOVAS, Mykolas
 (74) Spruson & Ferguson

(71) Nexans
 (11) AU-A-2022201101
 (21) 2022201101 (22) 18.02.2022
 (54) TOP LOADING CABLE PLOUGH
 (51) Int. Cl.
 E02F 5/10 (2006.01)
 E02F 5/02 (2006.01)
 H02G 1/10 (2006.01)
 (31) 21305213.7 (32) 22.02.21 (33) EP
 (43) 08.09.2022
 (72) SOLHEIM, Harald; THORJUSSEN, Tom
 (74) Halfords IP

(71) Nicoventures Trading Limited
 (11) AU-A-2022218470
 (21) 2022218470 (22) 15.08.2022
 (54) Vaporisable formulation
 (51) Int. Cl.
 A24F 47/00 (2020.01)
 A61K 31/465 (2006.01)
 C07C 29/56 (2006.01)
 (43) 08.09.2022
 (62) 2019264022
 (72) MATHIE, Klaus; MONTSERRAT SANCHEZ PENA, Maria
 (74) Spruson & Ferguson

(71) Nicoventures Trading Limited
 (11) AU-A-2022218541
 (21) 2022218541 (22) 18.08.2022
 (54) Aerosol generating substrate
 (51) Int. Cl.
 A24B 3/14 (2006.01)
 A24B 15/12 (2006.01)
 A24B 15/14 (2006.01)
 A24B 15/16 (2020.01)
 A24F 47/00 (2020.01)
 (43) 08.09.2022
 (62) 2019314389
 (72) GHANOUNI, Kav; BENNING, Jocelyn; AOUN, Walid Abi; MUA, John Paul
 (74) Spruson & Ferguson

(71) Novalith Technologies Pty Ltd
 (11) AU-A-2022215306
 (21) 2022215306 (22) 12.08.2022
 (54) Lithium extraction method
 (51) Int. Cl.
 C01D 15/08 (2006.01)

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C22B 3/00 (2006.01)
C22B 26/12 (2006.01)
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(62) 2021200745
(72) HAYNES, Brian; MANN, Jason
(74) Spruson & Ferguson

(71) Panosian, M.H.; Keeler, J.M.
(11) AU-A-2022201313
(21) 2022201313 **(22)** 25.02.2022
(54) Finger grip for shears
(51) Int. Cl.
B26B 13/20 (2006.01)
B26B 13/12 (2006.01)
(31) 17/184,935 **(32)** 25.02.21 **(33)** US
 17/674,718 17.02.22 US
(43) 08.09.2022
(72) PANOSIAN, Michael H.; KEELER, Joshua M.
(74) Spruson & Ferguson

(71) Panosian, M.H.; Keeler, J.M.
(11) AU-A-2022201314
(21) 2022201314 **(22)** 25.02.2022
(54) Finger grip for shears
(51) Int. Cl.
B26B 13/20 (2006.01)
B26B 13/12 (2006.01)
(31) 17/184,935 **(32)** 25.02.21 **(33)** US
 17/674,691 17.02.22 US
(43) 08.09.2022
(72) PANOSIAN, Michael H.; KEELER, Joshua M.
(74) Spruson & Ferguson

(71) Panosian, M.H.; Keeler, J.M.
(11) AU-A-2022201315
(21) 2022201315 **(22)** 25.02.2022
(54) Finger grip for shears
(51) Int. Cl.
B26B 13/20 (2006.01)
B26B 13/12 (2006.01)
(31) 17/184,935 **(32)** 25.02.21 **(33)** US
 17/674,735 17.02.22 US
(43) 08.09.2022
(72) PANOSIAN, Michael H.; KEELER, Joshua M.
(74) Spruson & Ferguson

(71) Phoenix LLC
(11) AU-A-2022218508
(21) 2022218508 **(22)** 17.08.2022
(54) High power ion beam generator systems and methods
(51) Int. Cl.
H05H 3/06 (2006.01)
H05H 7/22 (2006.01)
H05H 9/02 (2006.01)
(43) 08.09.2022
(62) 2018214488
(72) KOBERNIK, Arne; SHERVEN, Carl; LAMERS, Casey; SEYFERT, Chris; SENGBUSCH, Evan; BECERRA, Gabriel; LEE, Jin; CAMPBELL, Logan; THOMAS, Mark; TAYLOR, Michael;

BARROWS, Preston; RADEL, Ross; GRIBB, Tye
(74) Spruson & Ferguson

(71) Precision Planting LLC
(11) AU-A-2022218520
(21) 2022218520 **(22)** 17.08.2022
(54) Agricultural trench depth sensing systems, methods, and apparatus
(51) Int. Cl.
A01C 5/00 (2006.01)
A01B 71/02 (2006.01)
A01B 79/00 (2006.01)
A01B 79/02 (2006.01)
G01B 21/18 (2006.01)
(43) 08.09.2022
(62) 2017300885
(72) HODEL, Jeremy
(74) Spruson & Ferguson

(71) Qualcomm Incorporated
(11) AU-A-2022218522
(21) 2022218522 **(22)** 17.08.2022
(54) PAGE MONITORING ENABLEMENT AND DISABLEMENT
(51) Int. Cl.
H04W 68/00 (2009.01)
H04W 52/02 (2009.01)
H04W 76/28 (2018.01)
(43) 08.09.2022
(62) 2017356921
(72) Patil, Abhishek Pramod; Asterjadhri, Alfred; Cherian, George
(74) Madderns Pty Ltd

(71) RevAir, LLC; Thomason, S.; Cooper, F.; Isaacson, D.
(11) AU-A-2022218474
(21) 2022218474 **(22)** 15.08.2022
(54) Vacuum assisted systems and methods for grooming hair
(51) Int. Cl.
A45D 20/12 (2006.01)
A45D 2/00 (2006.01)
A45D 19/04 (2006.01)
A45D 20/14 (2006.01)
(43) 08.09.2022
(62) 2020204082
(72) THOMASON, Scott; COOPER, Foster; ISAACSON, Debra
(74) Spruson & Ferguson

(71) Rheem Australia Pty Limited
(11) AU-A-2022218526
(21) 2022218526 **(22)** 17.08.2022
(54) A SYSTEM, APPARATUS AND METHOD FOR EFFICIENT USE OF SOLAR PHOTOVOLTAIC ENERGY
(51) Int. Cl.
G05F 1/00 (2006.01)
F24H 1/18 (2022.01)
F24H 1/20 (2022.01)
H01L 21/00 (2006.01)
(43) 08.09.2022
(62) 2017349622
(72) Stepa, Grant; Kerr, Peter
(74) Halfords IP

(71) Ripple Luxembourg S.A.
(11) AU-A-2022215275
(21) 2022215275 **(22)** 12.08.2022
(54) Temporary consensus networks in a resource transfer system
(51) Int. Cl.
G06Q 40/00 (2012.01)
(43) 08.09.2022
(62) 2016336715
(72) THOMAS, Stefan; SCHWARTZ, Evan
(74) Spruson & Ferguson

(71) Rite-Hite Holding Corporation
(11) AU-A-2022215298
(21) 2022215298 **(22)** 12.08.2022
(54) Seal Apparatus For Dock Levelers
(51) Int. Cl.
B65G 69/28 (2006.01)
B65G 69/00 (2006.01)
F16J 15/02 (2006.01)
(43) 08.09.2022
(62) 2019265554
(72) THOLE, Collin; SCHMIDT, Timothy J.; BORGERDING, Gary; HEIM, Frank; BLASER, Mary
(74) WRAYS PTY LTD

(71) Rudd, C.E.
(11) AU-A-2021201178
(21) 2021201178 **(22)** 24.02.2021
(54) TheEND Game it describes a sidebet for Roulette in casino electronic machines, on-line roulette games and casino roulette games.
(51) Int. Cl.
A63F 5/00 (2006.01)
G07F 17/32 (2006.01)
(43) 08.09.2022
(72) Rudd, Clarence Ernest
(74) Clarence Ernest Rudd

(71) SARI, K.M.
(11) AU-A-2021201158
(21) 2021201158 **(22)** 23.02.2021
(54) Chemical for the treatment, prevention and control of virus's diseases, bacterial diseases, cardiovascular diseases and lipids.
(51) Int. Cl.
A61K 31/22 (2006.01)
A61K 9/00 (2006.01)
A61P 3/06 (2006.01)
A61P 9/10 (2006.01)
A61P 31/04 (2006.01)
A61P 31/12 (2006.01)
(43) 08.09.2022
(72) SARI, KARAM MASHAAL MASHAAL
(74) KARAM MASHAAL MASHAAL SARI

(71) Schneider Electric Systems USA, Inc.
(11) AU-A-2022218530
(21) 2022218530 **(22)** 17.08.2022
(54) METHODS, SYSTEMS AND APPARATUS TO DYNAMICALLY FACILITATE

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(51) Int. Cl.
G06F 11/30 (2006.01)
- (43)** 08.09.2022
(62) 2017280347
(72) Macha, Raja Ramana; Kling, Andrew Lee David; Middeldorp, Frans; Camino Jr., Nestor Jesus; Luth, James Gerard; McIntyre, James P.
(74) Madderns Pty Ltd
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- (71)** SeedMaster Manufacturing Ltd.
(11) AU-A-2022200819
(21) 2022200819 **(22)** 08.02.2022
(54) Articulating air seeder cart with skew correction
(51) Int. Cl.
A01B 63/16 (2006.01)
A01B 63/22 (2006.01)
(31) 3,110,050 **(32)** 23.02.21 **(33)** CA
(43) 08.09.2022
(72) Beaujot, Norbert
(74) FB Rice Pty Ltd
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- (71)** SenseTime International Pte. Ltd.
(11) AU-A-2021204581
(21) 2021204581 **(22)** 08.06.2021
(54) Methods, apparatuses, devices and storage media for predicting correlation between objects involved in image
(51) Int. Cl.
G06K 9/00 (2006.01)
A63F 1/00 (2006.01)
(31) 10202101743P **(32)** 22.02.21 **(33)** SG
(43) 08.09.2022
(72) WANG, Bairun; ZHANG, Xuesen; LIU, Chunya; CHEN, Jinghuan; YI, Shuai
(74) Madderns Pty Ltd
-
- (71)** SHANDONG UNIVERSITY
(11) AU-A-2022201229
(21) 2022201229 **(22)** 23.02.2022
(54) SENSORIMOTOR FUNCTION EVALUATION SYSTEM BASED ON PRECISION GRIP KINETICS
(51) Int. Cl.
A61B 5/11 (2006.01)
A61B 5/22 (2006.01)
G06F 3/01 (2006.01)
G06F 3/03 (2006.01)
G16H 20/30 (2018.01)
(31) 2021102010436 **(32)** 23.02.21 **(33)** CN
(43) 08.09.2022
(72) LI, Ke; ZHANG, Jianhong; WEI, Na; LI, Guanglin; LIN, Leitong
(74) Collison & Co
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- (71)** SHANDONG UNIVERSITY
(11) AU-A-2022201230
(21) 2022201230 **(22)** 23.02.2022
(54) METHOD AND SYSTEM FOR TESTING AND ANALYZING REACH-TO-GRASP KINEMATIC COORDINATION WITH AND WITHOUT VISUAL SUPERVISION
(51) Int. Cl.
- G06T 7/20** (2017.01)
A61B 5/11 (2006.01)
G06T 13/20 (2011.01)
G06T 13/40 (2011.01)
(31) 2021102008474 **(32)** 23.02.21 **(33)** CN
(43) 08.09.2022
(72) LI, Ke; ZHANG, Jianhong; WEI, Na; LI, Guanglin; LIN, Leitong
(74) Collison & Co
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- (71)** Shockwave Medical, Inc.
(11) AU-A-2022215305
(21) 2022215305 **(22)** 12.08.2022
(54) AORTIC LEAFLET REPAIR USING SHOCK WAVE APPLICATORS
(51) Int. Cl.
A61B 17/22 (2006.01)
(43) 08.09.2022
(62) 2017339980
(72) Tanner, Adam R.; Saaibi, Camilo Perez; Nguyen, Hoa D.; Betelia, Rainier
(74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd
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- (71)** Shonan Gosei-Jushi Seisakusho K.K.
(11) AU-A-2022200279
(21) 2022200279 **(22)** 17.01.2022
(54) SPACER FOR ADJUSTING THE POSITION OF A REHABILITATION PIPE AND POSITION ADJUSTING METHOD USING SUCH
(51) Int. Cl.
F16L 55/162 (2006.01)
E03F 3/00 (2006.01)
F16L 55/163 (2006.01)
F16L 55/164 (2006.01)
(31) 2021-029128 **(32)** 25.02.21 **(33)** JP
(43) 08.09.2022
(72) KAMIYAMA, Takao
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
-
- (71)** Smith, M.S.
(11) AU-A-2022201068
(21) 2022201068 **(22)** 17.02.2022
(54) A line suspension system
(51) Int. Cl.
A61M 39/08 (2006.01)
A61M 5/14 (2006.01)
B65H 75/44 (2006.01)
F16L 3/02 (2006.01)
F16L 3/22 (2006.01)
(31) 2021900434 **(32)** 19.02.21 **(33)** AU
(43) 08.09.2022
(72) SMITH, Mark Stewart
(74) Spruson & Ferguson
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- Smith, B. see Carrington, A.**
(21) 2022209358
-
- (71)** Specialist Wholesalers Pty Ltd
(11) AU-A-2022201093
(21) 2022201093 **(22)** 18.02.2022
(54) A snatch ring for off-road vehicle recovery
(51) Int. Cl.
- B60P 3/12** (2006.01)
B66D 1/36 (2006.01)
B66D 3/04 (2006.01)
F16H 55/50 (2006.01)
F16H 55/48 (2006.01)
(31) 2021900429 **(32)** 19.02.21 **(33)** AU
(43) 08.09.2022
(72) Schipper, Troy
(74) Actuate Patents
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- (71)** STAELS DESIGN LTD
(11) AU-A-2022211841
(21) 2022211841 **(22)** 03.08.2022
(54) Support structure, apparatus and method
(51) Int. Cl.
B60N 2/56 (2006.01)
A47C 7/74 (2006.01)
B60N 2/64 (2006.01)
(43) 08.09.2022
(62) 2018244810
(72) Staels, Corien
(74) Michael Buck IP
-
- (71)** Sungrow Power Supply Co., Ltd.
(11) AU-A-2022201116
(21) 2022201116 **(22)** 18.02.2022
(54) System for producing hydrogen from renewable energy and control method thereof
(51) Int. Cl.
C25B 1/02 (2006.01)
C25B 9/65 (2021.01)
C25B 15/02 (2021.01)
H02J 3/38 (2006.01)
H02J 7/34 (2006.01)
(31) 202110202867.5 **(32)** 23.02.21 **(33)** CN
(43) 08.09.2022
(72) ZHANG, Xinjian
(74) FB Rice Pty Ltd
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- (71)** Suntory Holdings Limited
(11) AU-A-2022218499
(21) 2022218499 **(22)** 16.08.2022
(54) Beer-taste beverage and production method thereof
(51) Int. Cl.
A23L 2/00 (2006.01)
(43) 08.09.2022
(62) 2018418908
(72) YONEZAWA, Daisaku; INUI, Takako
(74) Griffith Hack
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- (71)** SWISS KRONO Tec AG
(11) AU-A-2022215296
(21) 2022215296 **(22)** 12.08.2022
(54) Wood material panel hot press and method for operating a wood material panel hot press
(51) Int. Cl.
B30B 5/06 (2006.01)
B27N 1/02 (2006.01)
B27N 3/24 (2006.01)
G01N 25/72 (2006.01)

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(43) 08.09.2022
 (62) 2017324217
 (72) DRÖGE, Peter
 (74) Spruson & Ferguson

(71) Sysmex Corporation
 (11) AU-A-2022201152
 (21) 2022201152 (22) 21.02.2022
 (54) Hemolytic reagent, reagent kit, and method for classifying white blood cells

(51) Int. Cl.
G01N 15/00 (2006.01)
G01N 15/14 (2006.01)
G01N 21/47 (2006.01)
G01N 21/64 (2006.01)
G01N 33/52 (2006.01)
 (31) 2021-026612 (32) 22.02.21 (33) JP
 (43) 08.09.2022
 (72) Shida, Yuki; Komaki, Takanori; Yokoyama, Daisuke; Abe, Masaki
 (74) FPA Patent Attorneys Pty Ltd

(71) Taghleef Industries Inc.
 (11) AU-A-2022201184
 (21) 2022201184 (22) 22.02.2022
 (54) Multilayer Film with Increased Surface Roughness and Method of Making the Same

(51) Int. Cl.
B32B 33/00 (2006.01)
B32B 3/00 (2006.01)
B32B 5/16 (2006.01)
B32B 7/02 (2019.01)
B32B 27/20 (2006.01)
 (31) 63/152,415 (32) 23.02.21 (33) US
 (43) 08.09.2022
 (72) Michel, Christoph; del Barrio Perez, Javier
 (74) Eagar & Associates Pty Ltd

(71) Teslo Pty Ltd
 (11) AU-A-2022218461
 (21) 2022218461 (22) 15.08.2022
 (54) A LAMP COMPRISING MULTIPLE COMPONENT DESIGNS AND CONSTRUCTIONS

(51) Int. Cl.
H01J 11/20 (2012.01)
 (43) 08.09.2022
 (62) 2017239037
 (72) Papallo, Anthony
 (74) Halfords IP

(71) The Regents of the University of California; Aclarion, Inc.
 (11) AU-A-2022215301
 (21) 2022215301 (22) 12.08.2022
 (54) MAGNETIC RESONANCE SPECTROSCOPY SYSTEM AND METHOD FOR DIAGNOSING PAIN OR INFECTION ASSOCIATED WITH PROPIONIC ACID

(51) Int. Cl.
A61B 5/055 (2006.01)
A61B 5/00 (2006.01)

(43) 08.09.2022
 (62) 2017282665
 (72) Lotz, Jeffrey C.; Magnitsky, Sergey G.; Dudli, Stefan; Peacock III., James Clayton; Bradford, David S.
 (74) Halfords IP

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 (21) 2022218474

(71) Transportation IP Holdings, LLC
 (11) AU-A-2022200979
 (21) 2022200979 (22) 15.02.2022
 (54) SENSOR ASSEMBLY, DRYER, AND VEHICLE CONTROL SYSTEM USING THE SAME

(51) Int. Cl.
F24F 11/49 (2018.01)
B01D 53/18 (2006.01)
G05D 22/00 (2006.01)
F24F 110/20 (2018.01)
 (31) 17/507,623 (32) 21.10.21 (33) US
 63/151,385 19.02.21 US

(43) 08.09.2022
 (72) Loch, Mark Elliott; Morrow, James; Patel, Niteen; Wedge, Leonard; Hughes, Donald L.; Babcock, J. Hunter
 (74) Phillips Ormonde Fitzpatrick

(71) Transportation IP Holdings, LLC
 (11) AU-A-2022201015
 (21) 2022201015 (22) 16.02.2022
 (54) ALIGNMENT SYSTEM AND ASSOCIATED METHOD

(51) Int. Cl.
F02M 65/00 (2006.01)
F02M 57/00 (2006.01)
F02M 61/16 (2006.01)
G01B 11/27 (2006.01)
 (31) 17/542,966 (32) 06.12.21 (33) US
 63/152,665 23.02.21 US
 (43) 08.09.2022
 (72) Richerson, Jay; Klingbeil, Adam Edgar; Dillen, Eric; Bailey, Kevin; Jeffries, Kent; Heher, Brett; Flores, Manuel Licon
 (74) Phillips Ormonde Fitzpatrick

(71) Transportation IP Holdings, LLC
 (11) AU-A-2022201179
 (21) 2022201179 (22) 22.02.2022
 (54) SYSTEM AND METHOD FOR A PREVENTING A LOCKED AXLE

(51) Int. Cl.
B61L 15/00 (2006.01)
G07C 5/08 (2006.01)
 (31) 63/152,157 (32) 22.02.21 (33) US
 17/513,625 28.10.21 US
 (43) 08.09.2022
 (72) Kumar, Ajith Kuttannair; Worden, Bret
 (74) Phillips Ormonde Fitzpatrick

(71) Trivver, Inc.
 (11) AU-A-2022218465
 (21) 2022218465 (22) 15.08.2022
 (54) METHODS AND SYSTEMS FOR DISPLAYING DIGITAL SMART OBJECTS

IN A THREE DIMENSIONAL ENVIRONMENT

(51) Int. Cl.
G06T 19/20 (2011.01)
G06F 3/048 (2013.01)

(43) 08.09.2022
 (62) 2017295984
 (72) Keating, Simon; Lamontagne, Joel
 (74) Burns IP Law Pty Ltd

(71) Trivver, Inc.
 (11) AU-A-2022218469
 (21) 2022218469 (22) 15.08.2022
 (54) METHODS AND SYSTEMS FOR DISPLAYING INFORMATION ASSOCIATED WITH A SMART OBJECT

(51) Int. Cl.
G06Q 30/02 (2012.01)
G06T 15/00 (2011.01)

(43) 08.09.2022
 (62) 2017308806
 (72) Lamontagne, Joel; Keating, Simon
 (74) Burns IP Law Pty Ltd

(71) Troy Wheeler Contracting Limited
 (11) AU-A-2022215326
 (21) 2022215326 (22) 15.08.2022
 (54) A Guardrail

(51) Int. Cl.
E01F 15/02 (2006.01)
E01F 13/00 (2006.01)

(43) 08.09.2022
 (62) 2020277211
 (72) Allington, Christopher James; Wheeler, Troy Douglas; Bradbury, Matthew James; Looij, Jason Joseph
 (74) Catalyst Intellectual Property

(71) TuSimple, Inc.
 (11) AU-A-2022201227
 (21) 2022201227 (22) 23.02.2022
 (54) Redundant power bridge battery architecture

(51) Int. Cl.
H02J 3/38 (2006.01)
G05B 1/01 (2006.01)
G05B 11/32 (2006.01)
G05B 19/045 (2006.01)
G05B 19/048 (2006.01)
H02J 1/10 (2006.01)
H02J 3/02 (2006.01)
H02J 7/14 (2006.01)

(31) 17/185,578 (32) 25.02.21 (33) US
 (43) 08.09.2022
 (72) Naizghi, Esayas; Day, Jade E.; Renn, Jeffrey J.; Schallert, Jonathan P.; Kosuru, Venkata Satya R.; Liao, Qunfang
 (74) FB Rice Pty Ltd

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 (21) 2021201194

(71) UBER TECHNOLOGIES, INC.
 (11) AU-A-2022215167
 (21) 2022215167 (22) 09.08.2022

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- (54) SYSTEMS FOR ROUTING AND CONTROLLING VEHICLES FOR FREIGHT
 (51) Int. Cl.
G06Q 10/08 (2012.01)
 (43) 08.09.2022
 (62) 2017394866
 (72) Berdinis, Eric; Stauffer, John; Bentley, Adam
 (74) RnB IP Pty Ltd
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- (71) VVK Engineering (Pty) Ltd; Garock Pty Ltd; M and J Mining (Pty) Ltd
 (11) AU-A-2022215315
 (21) 2022215315 (22) 12.08.2022
 (54) Rock Bolt
 (51) Int. Cl.
E21D 21/00 (2006.01)
E21D 20/00 (2006.01)
F16B 13/00 (2006.01)
 (43) 08.09.2022
 (62) 2017200155
 (72) Mathews, Daniel; Kovago, Vilmos; Alington, Adrian; Maltby, David
 (74) WRAYS PTY LTD
-
- (71) Wellell Inc.
 (11) AU-A-2022201027
 (21) 2022201027 (22) 16.02.2022
 (54) AIR CELL DEVICE AND AIR MATTRESS SYSTEM THEREOF
 (51) Int. Cl.
A47C 27/10 (2006.01)
A47C 27/08 (2006.01)
 (31) 63/153,574 (32) 25.02.21 (33) US
 (43) 08.09.2022
 (72) Chang, Chih-Kuang; Lin, Sheng-Wei; Lin, Chin-Chang; Chao, Yue-Yin; Chen, Yu-Hao
 (74) Madderns Pty Ltd
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- (71) Westinghouse Air Brake Technologies Corporation
 (11) AU-A-2022200803
 (21) 2022200803 (22) 08.02.2022
 (54) VEHICLE LOCATION AND CONTROL SYSTEM
 (51) Int. Cl.
G01S 5/06 (2006.01)
G01S 13/06 (2006.01)
G05D 1/02 (2020.01)
 (31) 17/180,078 (32) 19.02.21 (33) US
 (43) 08.09.2022
 (72) Kernwein, Jeffrey D.; Trombo-Somerville, Brett; Vrba, Matthew
 (74) Phillips Ormonde Fitzpatrick
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- (71) Xero Limited
 (11) AU-A-2022218502
 (21) 2022218502 (22) 16.08.2022
 (54) Multiple server automation for secure cloud reconciliation
 (51) Int. Cl.
H04L 29/08 (2006.01)
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- (43) 08.09.2022
 (62) 2021200331
 (72) VICKERS, Matthew John; KATYAL, Dinesh
 (74) FB Rice Pty Ltd
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- (71) Year Tsai Enterprise Co., Ltd.
 (11) AU-A-2021201229
 (21) 2021201229 (22) 25.02.2021
 (54) WATER DISCHARGE DEVICE
 (51) Int. Cl.
F16K 31/60 (2006.01)
E03C 1/04 (2006.01)
E03C 1/044 (2006.01)
F16K 3/08 (2006.01)
F16K 11/22 (2006.01)
F16K 27/04 (2006.01)
 (43) 08.09.2022
 (72) KUO, Ching Yu
 (74) Collison & Co
-
- (71) Zebra Technologies Corporation
 (11) AU-A-2022200305
 (21) 2022200305 (22) 18.01.2022
 (54) Camera enhanced off-platter detection system
 (51) Int. Cl.
G01G 19/415 (2006.01)
G06N 3/02 (2006.01)
G06N 20/00 (2019.01)
G06Q 20/08 (2012.01)
G06T 7/00 (2017.01)
G07G 1/12 (2006.01)
 (31) 17/185,705 (32) 25.02.21 (33) US
 (43) 08.09.2022
 (72) BARKAN, Edward; HANDSHAW, Daran Michael
 (74) Spruson & Ferguson
-
- (71) Zillow, Inc.
 (11) AU-A-2022200297
 (21) 2022200297 (22) 18.01.2022
 (54) Automated usability assessment of buildings using visual data of captured in-room images
 (51) Int. Cl.
G06V 10/82 (2022.01)
G06K 9/62 (2022.01)
G06N 3/04 (2006.01)
G06T 7/73 (2017.01)
G06V 20/64 (2022.01)
 (31) 17/185,793 (32) 25.02.21 (33) US
 (43) 08.09.2022
 (72) Stoeva, Viktoriya; Kang, Sing Bing; Khosravan, Naji; Wixson, Lambert E.
 (74) Davies Collison Cave Pty Ltd
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- (71) Zillow, Inc.
 (11) AU-A-2022200299
 (21) 2022200299 (22) 18.01.2022
 (54) Automated direction of capturing in-room information for use in usability assessment of buildings
 (51) Int. Cl.
G06V 10/82 (2022.01)
G06K 9/62 (2022.01)
G06N 3/04 (2006.01)
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- G06T 7/73** (2017.01)
G06V 20/64 (2022.01)
 (31) 17/185,816 (32) 25.02.21 (33) US
 (43) 08.09.2022
 (72) Wixson, Lambert E.; Buehler, Christopher
 (74) Davies Collison Cave Pty Ltd
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- (71) Zoono Group Ltd.; Zoono Holdings USA LLC
 (11) AU-A-2021273543
 (21) 2021273543 (22) 30.04.2021
 (54) Surface disinfectant and hand sanitizer combatting contact spread
 (51) Int. Cl.
A01N 33/12 (2006.01)
 (31) 17/180,161 (32) 19.02.21 (33) US
 (43) 08.09.2022
 (72) HYSLOP, Paul
 (74) AJ PARK
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 (21) 2021273543

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<hr/> <p>China Tiesiju Civil Engineering Group Co., Ltd. see The First Engineering Co., Ltd. of CTCE Group (21) 2020104486</p> <hr/> <p>(71) Drill-Bourn Pty Ltd (11) AU-A-2019101829 (21) 2019101829 (22) 13.09.2019 (54) Machine Stand and Method of Supporting a Machine using a Stand (51) Int. Cl. <i>B66F 3/30</i> (2006.01) <i>B66F 17/00</i> (2006.01) <i>F16M 1/026</i> (2006.01) <i>F16M 11/16</i> (2006.01) (31) 2018903326 (32) 06.09.18 (33) AU (45) 08.09.2022 (72) Elbourn, Andrew (74) Caska Intellectual Property Pty Ltd</p> <hr/> <p>(71) Everflo Australia Pty Ltd (11) AU-A-2022100105 (21) 2022100105 (22) 11.08.2022 (54) System and Method of Treating Brines (51) Int. Cl. <i>C02F 1/22</i> (2006.01) <i>C01D 3/06</i> (2006.01) <i>B01D 9/00</i> (2006.01) <i>C25B 1/04</i> (2021.01) (45) 08.09.2022 (62) 2021105321 (72) SMITH, Bruce (74) Elliptic Legal & Patent Services</p> <hr/> <p>(71) Healthsafe NZ Limited (11) AU-A-2021107666 (21) 2021107666 (22) 25.08.2021 (54) IMPROVEMENTS IN BUSINESS RESOURCE DISTRIBUTION, INFORMATION TRACKING, MANAGEMENT AND COMPLIANCE. (51) Int. Cl. <i>G06Q 50/26</i> (2012.01) <i>G06F 16/955</i> (2019.01) <i>G06Q 10/10</i> (2012.01) <i>G06K 7/14</i> (2006.01) (45) 08.09.2022 (72) McAfee, Kevin Joseph; Tuibenau, Eparama Waqanilotu (74) James & Wells Intellectual Property</p> <hr/> <p>(71) HKN International, LLC d/b/a Aerosmith Fastening Systems (11) AU-A-2022100107 (21) 2022100107 (22) 15.08.2022 (54) FASTENING SYSTEM (51) Int. Cl.</p>	<p><i>F16B 15/08</i> (2006.01) <i>F16B 15/06</i> (2006.01) (45) 08.09.2022 (62) 2021202679 (72) JESSEE Jr., Ronald Spencer; KUDLAK, Don (74) PHILLIPS ORMONDE FITZPATRICK</p> <hr/> <p>HONG, W. see Summit Trade & Investment Pty Ltd (21) 2022100108</p> <hr/> <p>(71) Summit Trade & Investment Pty Ltd; HONG, W. (11) AU-A-2022100108 (21) 2022100108 (22) 15.08.2022 (54) OVER DISCHARGE PROTECTION CIRCUIT FOR ADDITIVE MANUFACTURED BATTERY ADAPTERS (51) Int. Cl. <i>H02J 7/00</i> (2006.01) (45) 08.09.2022 (62) 2021103879 (72) HONG, WEI (74) Baxter Patent Attorneys Pty Ltd</p> <hr/> <p>(71) The First Engineering Co., Ltd. of CTCE Group; China Tiesiju Civil Engineering Group Co., Ltd. (11) AU-A-2020104486 (21) 2020104486 (22) 11.05.2020 (54) Pavement flatness measurement method and system (51) Int. Cl. <i>E01C 23/01</i> (2006.01) <i>G01B 5/28</i> (2006.01) <i>G01B 7/34</i> (2006.01) <i>G01B 11/30</i> (2006.01) <i>G01C 7/04</i> (2006.01) <i>G06T 17/05</i> (2011.01) (31) 201911143562.0 (32) 20.11.19 (33) CN (45) 08.09.2022 (72) SHEN, Zhiqiang; ZHANG, Jiasheng; HU, Zhukui; CHENG, Jiasheng; CAI, Wei; DING, Shengwen; WANG, Anhui; CHEN, Qi; XU, Shuguo; HU, Lei; PENG, Tao (74) Spruson & Ferguson</p> <hr/> <p>(71) Trisco ICAP Pty Ltd (11) AU-A-2022100104 (21) 2022100104 (22) 05.08.2022 (54) An ingredient (51) Int. Cl. <i>A23L 29/25</i> (2016.01) <i>A23L 29/206</i> (2016.01) <i>A61K 47/36</i> (2006.01) <i>A61K 49/04</i> (2006.01) <i>C08B 37/00</i> (2006.01)</p>	<p>(45) 08.09.2022 (62) 2019227840 (72) Tristram, Michael; Mossel, Brenda; Skarshewski, Peter (74) FB Rice Pty Ltd</p> <hr/> <p>(71) Warwick Gates Pty Ltd (11) AU-A-2022100102 (21) 2022100102 (22) 04.08.2022 (54) Fence tensioning (51) Int. Cl. <i>E04H 17/26</i> (2006.01) <i>B25B 25/00</i> (2006.01) <i>E04H 17/02</i> (2006.01) (45) 08.09.2022 (62) 2019275515 (72) Earl, Jonathan (74) Armour IP</p>
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<p>(71) AbbVie Inc. (11) AU-A-2021218412 (21) 2021218412 (22) 11.02.2021 (54) Bispecific binding molecules (51) Int. Cl. <i>C07K 16/28</i> (2006.01) <i>C07K 16/18</i> (2006.01) <i>C07K 16/30</i> (2006.01) (87) WO2021/163366 (31) 62/975,334 (32) 12.02.20 (33) US 62/976,117 13.02.20 US (43) 19.08.2021 (72) CHERVIN, Adam S.; DONG, Feng; RE-ILLY, Edward B.; STONE, Jennifer D.; WHITE, Michael K. (74) Spruson & Ferguson</p>	<p><i>B29D 11/00</i> (2006.01) <i>B29C 51/42</i> (2006.01) <i>B29C 65/00</i> (2006.01) <i>B32B 37/00</i> (2006.01) <i>B32B 37/12</i> (2006.01) (87) WO2021/198822 (31) 63/002,388 (32) 31.03.20 (33) US 63/002,393 31.03.20 US (43) 07.10.2021 (72) HALAHMI, Izhar; ENGLER, Haim; ARKIN, Jed; ERLICHMAN, Amir; COHEN, Roy; BAR EREZ, Arye (74) Spruson & Ferguson</p>	<p>17/078,502 23.10.20 US (43) 19.08.2021 (72) HUKU, Casey Alexander; CRONIN, John; D'ANDREA, Michael; BODKIN, Joseph (74) Michael Buck IP</p>
<p>(71) Ab Initio Technology LLC (11) AU-A-2021230348 (21) 2021230348 (22) 04.03.2021 (54) Generation of optimized logic from a schema (51) Int. Cl. <i>G06F 16/25</i> (2019.01) <i>G06F 8/34</i> (2018.01) (87) WO2021/178665 (31) 62/986,374 (32) 06.03.20 (33) US 17/025,751 18.09.20 US (43) 10.09.2021 (72) EGENOLF, Jonah; ISMAN, Marshall A.; SCHECHTER, Ian (74) RnB IP Pty Ltd</p>	<p>(71) Adelwiggins Group, A Division of Transdigm Inc. (11) AU-A-2021234266 (21) 2021234266 (22) 09.03.2021 (54) Non-metallic fluid coupling (51) Int. Cl. <i>F16L 25/01</i> (2006.01) <i>F16L 19/10</i> (2006.01) <i>F16L 19/12</i> (2006.01) <i>F16L 37/00</i> (2006.01) (87) WO2021/183541 (31) 16/813,592 (32) 09.03.20 (33) US (43) 16.09.2021 (72) CHUNG, Kevin Yun Jo (74) Zone Patents Limited</p>	<p>(71) AdvanSix Resins & Chemicals LLC (11) AU-A-2021213062 (21) 2021213062 (22) 21.01.2021 (54) Amino acid surfactants (51) Int. Cl. <i>C07C 229/12</i> (2006.01) <i>A61Q 1/00</i> (2006.01) <i>A61Q 5/12</i> (2006.01) <i>C11D 1/00</i> (2006.01) <i>C11D 1/90</i> (2006.01) (87) WO2021/154583 (31) 62/967,173 (32) 29.01.20 (33) US (43) 05.08.2021 (72) ASIRVATHAM, Edward; HONCIUC, Andrei; MIHALI, Voichita (74) Davies Collison Cave Pty Ltd</p>
<p>(71) Abiomed, Inc. (11) AU-A-2021207811 (21) 2021207811 (22) 13.01.2021 (54) Intravascular blood pump with outflow hose (51) Int. Cl. <i>A61M 60/13</i> (2021.01) <i>A61M 60/414</i> (2021.01) <i>A61M 60/416</i> (2021.01) <i>A61M 60/808</i> (2021.01) <i>A61M 60/81</i> (2021.01) <i>A61M 60/816</i> (2021.01) <i>A61M 60/818</i> (2021.01) <i>A61M 60/857</i> (2021.01) (87) WO2021/146227 (31) 62/961,017 (32) 14.01.20 (33) US (43) 22.07.2021 (72) SPANIER, Gerd; QI, Zhongwei; SIESS, Thorsten; KIRCHHOFF, Frank (74) Davies Collison Cave Pty Ltd</p>	<p>(71) Administrators of the Tulane Educational Fund (11) AU-A-2021226906 (21) 2021226906 (22) 01.03.2021 (54) Compositions, methods, devices, and kits for detecting the number and genomic locations of polymorphic LINE-1 elements in an individual (51) Int. Cl. <i>A61K 31/713</i> (2006.01) <i>A61K 35/12</i> (2015.01) <i>A61K 48/00</i> (2006.01) <i>A61P 25/00</i> (2006.01) <i>C12N 15/85</i> (2006.01) <i>C12Q 1/68</i> (2018.01) (87) WO2021/174217 (31) 62/982,596 (32) 27.02.20 (33) US (43) 02.09.2021 (72) PEREPELITSA, Victoria; DEININGER, Prescott (74) Spruson & Ferguson</p>	<p>(71) AGCO Corporation (11) AU-A-2021253219 (21) 2021253219 (22) 17.02.2021 (54) Agricultural implements having row unit position sensors and at least one adjustable wheel, and related control systems and methods (51) Int. Cl. <i>A01C 7/20</i> (2006.01) <i>A01B 63/22</i> (2006.01) <i>A01C 21/00</i> (2006.01) (87) WO2021/205245 (31) 63/007,114 (32) 08.04.20 (33) US (43) 14.10.2021 (72) FANSHIER, Benjamin; RANS, Monte; DUERKSEN, Ross; UNRAU, Zane; FIGGER, Robert (74) Griffith Hack</p>
<p>(71) AddOn Optics Ltd. (11) AU-A-2021250718 (21) 2021250718 (22) 16.03.2021 (54) Shaping an ophthalmic lens (51) Int. Cl.</p>	<p>(71) AdrenalineIP (11) AU-A-2021220744 (21) 2021220744 (22) 09.02.2021 (54) Real time action of interest notification system (51) Int. Cl. <i>G07F 17/32</i> (2006.01) (87) WO2021/163014 (31) 62/976,486 (32) 14.02.20 (33) US</p>	<p>(71) AGCO Corporation (11) AU-A-2021253775 (21) 2021253775 (22) 17.02.2021 (54) Agricultural implements having row unit position sensors and actuators configured to rotate toolbars, and related control systems and methods (51) Int. Cl. <i>A01B 63/111</i> (2006.01) <i>A01B 63/24</i> (2006.01) <i>A01B 63/32</i> (2006.01) <i>A01B 73/04</i> (2006.01) <i>A01C 7/20</i> (2006.01) (87) WO2021/205246 (31) 63/007,182 (32) 08.04.20 (33) US</p>

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 (51) Int. Cl.
C07D 403/06 (2006.01)
A01N 43/36 (2006.01)
A01P 21/00 (2006.01)
C05C 11/00 (2006.01)
C07F 15/02 (2006.01)
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 (72) MERA, Akane; SUZUKI, Motofumi; HOSODA, Kensuke; NAMBA, Kosuke
 (74) Spruson & Ferguson
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- (71) Airbus Defence and Space SAS
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 (21) 2021231537 (22) 03.03.2021
 (54) Method for producing a satellite from a generic configuration of antenna elements
 (51) Int. Cl.
B64G 1/22 (2006.01)
B64G 1/10 (2006.01)
B64G 1/66 (2006.01)
H01Q 1/28 (2006.01)
H01Q 15/16 (2006.01)
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 (72) STRZELECKI, Jérôme; BAPPEL, Yann
 (74) Griffith Hack
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- (71) Alchin Long Group IP Pty Limited
 (11) AU-A-2021258696
 (21) 2021258696 (22) 23.04.2021
 (54) Corner transfer linkage
 (51) Int. Cl.
E05C 9/24 (2006.01)
E05C 9/06 (2006.01)
E05C 9/08 (2006.01)
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- (71) Alcon Inc.
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 (54) Method and system for automation of patient eye level
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 (54) Methods and compositions for targeting PD-L1
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C12N 15/113 (2010.01)
A61K 31/7105 (2006.01)
A61K 31/712 (2006.01)
A61K 31/7125 (2006.01)
A61K 31/715 (2006.01)
A61P 1/16 (2006.01)
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C07H 21/02 (2006.01)
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 (31) 62/983,114 (32) 28.02.20 (33) US
 (43) 02.09.2021
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 (11) AU-A-2021235394
 (21) 2021235394 (22) 09.03.2021
 (54) Automated farming system for a row crop installation
 (51) Int. Cl.
A01G 17/02 (2006.01)
B61B 5/02 (2006.01)
B61B 13/02 (2006.01)
A01G 9/14 (2006.01)
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 (54) PFAS processing
 (51) Int. Cl.
B09C 1/06 (2006.01)
H01J 37/32 (2006.01)
H05B 6/64 (2006.01)
H05H 1/00 (2006.01)
H05H 1/46 (2006.01)
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 (72) McLEAN, David William
 (74) Patent Attorney Services
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- (71) Ancestry.com Operations Inc.
 (11) AU-A-2021221148
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 (54) Multiclass classification with diversified precision and recall weightings
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G06F 16/35 (2019.01)
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 (74) FB Rice Pty Ltd
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- (71) Ancora Heart, Inc.
 (11) AU-A-2021208554
 (21) 2021208554 (22) 14.01.2021
 (54) Devices and methods for positioning a guidewire
 (51) Int. Cl.
A61M 25/09 (2006.01)
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- (71) Anduril Industries Inc.
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 (54) Battery system
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G01R 31/378 (2019.01)
G01R 31/36 (2020.01)
G01R 31/3835 (2019.01)
G01R 31/385 (2019.01)
H02H 7/18 (2006.01)
 (87) WO2021/162740
 (31) 16/786,529 (32) 10.02.20 (33) US
 (43) 19.08.2021
 (72) SHINE, Jonathan Mitchell; HARRIS III, John Henry; DYCUS, Christopher Joseph
 (74) Davies Collison Cave Pty Ltd
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- (71) Apellis Pharmaceuticals, Inc.
 (11) AU-A-2021221035
 (21) 2021221035 (22) 13.02.2021
 (54) RNAs for complement inhibition
 (51) Int. Cl.
C12N 15/113 (2010.01)
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 62/980,100 21.02.20 US
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 (72) HOßBACH, Markus; HULTSCH, Kathrin
 (74) FB Rice Pty Ltd
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- (71) Aprikyan, A.
 (11) AU-A-2021205410
 (21) 2021205410 (22) 08.01.2021
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 (51) Int. Cl.
A61K 47/69 (2017.01)

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A61K 47/50 (2017.01)
B82Y 5/00 (2011.01)
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(43) 15.07.2021
(72) APRIKYAN, Andranik Andrew
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71)** Aqua Manager ApS
(11) AU-A-2021215004
(21) 2021215004 (**22**) 28.01.2021
(54) A water supply system
(51) Int. Cl.
E03B 7/04 (2006.01)
E03B 7/07 (2006.01)
E03C 1/05 (2006.01)
(87) WO2021/152036
(31) 20154796.5 (**32**) 31.01.20 **(33)** EP
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(72) GELLERT, Jimmi
(74) FB Rice Pty Ltd
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- (71)** Aquedon Medical, Inc.
(11) AU-A-2021231831
(21) 2021231831 (**22**) 04.03.2021
(54) Vascular and aortic connectors with telescoping sheath and deployment methods thereof
(51) Int. Cl.
A61F 2/90 (2013.01)
A61F 2/06 (2013.01)
A61F 2/966 (2013.01)
A61M 25/01 (2006.01)
(87) WO2021/178618
(31) 62/984,898 (**32**) 04.03.20 **(33)** US
(43) 10.09.2021
(72) PALERMO, Thomas J.
(74) Spruson & Ferguson
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- (71)** Aquisense Technologies LLC
(11) AU-A-2021219596
(21) 2021219596 (**22**) 12.01.2021
(54) Water disinfecting module, systems and methods
(51) Int. Cl.
C02F 1/32 (2006.01)
C02F 1/00 (2006.01)
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(31) 16/789,187 (**32**) 12.02.20 **(33)** US
(43) 19.08.2021
(72) PUGH, Steven Franklin; KRAUSE, John
(74) Allens Patent & Trade Mark Attorneys
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- (71)** Arcus Biosciences, Inc.
(11) AU-A-2021240068
(21) 2021240068 (**22**) 18.03.2021
(54) Tetralin and tetrahydroquinoline compounds as inhibitors of hif-2alpha
(51) Int. Cl.
C07C 255/52 (2006.01)
A61K 31/44 (2006.01)
A61P 35/00 (2006.01)
C07C 317/14 (2006.01)
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- (71)** ARELAC, INC.
(11) AU-A-2021226337
(21) 2021226337 (**22**) 25.02.2021
(54) Methods and systems for treatment of limestone to form vaterite
(51) Int. Cl.
C01F 11/18 (2006.01)
(87) WO2021/173784
(31) 62/981,266 (**32**) 25.02.20 **(33)** US
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- C07C 317/22** (2006.01)
C07D 209/34 (2006.01)
C07D 213/26 (2006.01)
C07D 213/30 (2006.01)
C07D 213/61 (2006.01)
C07D 213/64 (2006.01)
C07D 213/71 (2006.01)
C07D 213/73 (2006.01)
C07D 213/74 (2006.01)
C07D 213/84 (2006.01)
C07D 215/18 (2006.01)
C07D 215/36 (2006.01)
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C07D 231/14 (2006.01)
C07D 231/56 (2006.01)
C07D 237/20 (2006.01)
C07D 239/28 (2006.01)
C07D 239/42 (2006.01)
C07D 241/12 (2006.01)
C07D 241/20 (2006.01)
C07D 249/06 (2006.01)
C07D 249/08 (2006.01)
C07D 263/32 (2006.01)
C07D 263/56 (2006.01)
C07D 265/36 (2006.01)
C07D 277/24 (2006.01)
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C07D 277/62 (2006.01)
C07D 307/83 (2006.01)
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C07D 471/04 (2006.01)
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(87) WO2021/188769
(31) 62/991,952 (**32**) 19.03.20 **(33)** US
 63/120,875 03.12.20 US
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(74) FPA Patent Attorneys Pty Ltd
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- (43)** 02.09.2021
(72) WEISS, Michael Joseph; GILLIAM, Ryan J.
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71)** ARRIS Enterprises LLC
(11) AU-A-2021212606
(21) 2021212606 (**22**) 15.01.2021
(54) Method and device to enable end to end QoS-low latency-prioritization for nat enabled networks
(51) Int. Cl.
H04L 47/24 (2022.01)
(87) WO2021/154515
(31) 62/967,855 (**32**) 30.01.20 **(33)** US
(43) 05.08.2021
(72) WHEELOCK, Ian G.
(74) Davies Collison Cave Pty Ltd
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- (71)** ARRIS Enterprises LLC
(11) AU-A-2021213677
(21) 2021213677 (**22**) 21.01.2021
(54) System and method for graphical symbolic Wi-Fi SSID display support
(51) Int. Cl.
H04M 1/72412 (2021.01)
H04W 48/10 (2009.01)
H04W 84/12 (2009.01)
(87) WO2021/154575
(31) 62/967,856 (**32**) 30.01.20 **(33)** US
(43) 05.08.2021
(72) ELCOCK, Albert F.; HARDT, Charles; DELSORDO, Christopher S.
(74) Spruson & Ferguson
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- (71)** Artrya Limited
(11) AU-A-2021227716
(21) 2021227716 (**22**) 26.02.2021
(54) A method of and system for calcium scoring of coronary arteries
(51) Int. Cl.
A61B 6/00 (2006.01)
(87) WO2021/168517
(31) 2020900593 (**32**) 28.02.20 **(33)** AU
 2020902072 22.06.20 AU
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(72) LICKFOLD, Casey Jack; JOYNER, Jack Rex; FLACK, Julien Charles; DWIVEDI, Girish; IHDAYHID, Abdul Rahman
(74) Integrated IP
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- (71)** Ashton, J.
(11) AU-A-2021222040
(21) 2021222040 (**22**) 19.02.2021
(54) Dual-access container closure
(51) Int. Cl.
B65D 51/18 (2006.01)
A24F 1/14 (2006.01)
A47J 41/00 (2006.01)
B65D 39/00 (2006.01)
B65D 47/04 (2006.01)
B65D 47/32 (2006.01)
B65D 51/24 (2006.01)
B65D 51/28 (2006.01)

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(74) Alder IP Pty Ltd
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- (71) Assa Abloy AB
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(54) Visually impaired mode keypad
(51) Int. Cl.
G06F 3/0488 (2013.01)
G06F 3/023 (2006.01)
G09B 21/00 (2006.01)
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(31) 16/746,160 (32) 17.01.20 (33) US
(43) 22.07.2021
(72) GIBBINS, David; SMITH, Greg
(74) Davies Collison Cave Pty Ltd
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- (71) Assistance Publique - Hôpitaux de Paris; Altevax; Université Paris Cité
(11) AU-A-2021222810
(21) 2021222810 (22) 17.02.2021
(54) Optimization of peptide-melanin binding
(51) Int. Cl.
A61K 39/385 (2006.01)
A61K 39/00 (2006.01)
A61P 37/04 (2006.01)
- (87) WO2021/165306
(31) 20305173.5 (32) 21.02.20 (33) EP
(43) 26.08.2021
(72) CARPENTIER, Antoine; BANISSI, Claire
(74) FPA Patent Attorneys Pty Ltd
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- (71) AstraZeneca AB
(11) AU-A-2021211871
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(54) Epidermal growth factor receptor tyrosine kinase inhibitors for the treatment of cancer
(51) Int. Cl.
A61K 31/4025 (2006.01)
A61K 31/404 (2006.01)
A61K 31/407 (2006.01)
A61K 31/427 (2006.01)
A61K 31/433 (2006.01)
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A61K 31/517 (2006.01)
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A61K 31/5377 (2006.01)
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A61P 35/00 (2006.01)
- (87) WO2021/148396
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(43) 29.07.2021
(72) FLOCH, Nicolas; SMITH, Paul, David; MARTIN, Matthew Joseph
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71) Axon Enterprise, Inc.
(11) AU-A-2021207400
(21) 2021207400 (22) 16.01.2021
(54) Warning system for a conducted electrical weapon
(51) Int. Cl.
- F41H 13/00 (2006.01)
G08B 21/02 (2006.01)
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(72) SMITH, Patrick; GISH, Michael; NERHEIM, Magne; MORITZ, Hans; FAIRBANKS, Brian; CEROVIC, Milan; EASTWOOD, Mark
(74) WRAYS PTY LTD
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- (71) Bambino Prezioso Switzerland AG
(11) AU-A-2021231211
(21) 2021231211 (22) 03.03.2021
(54) Seat misuse alarm device
(51) Int. Cl.
B60N 2/28 (2006.01)
B60N 2/02 (2006.01)
B60R 21/015 (2006.01)
- (87) WO2021/175892
(31) 202010141341.6 (32) 03.03.20 (33) CN
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(74) Griffith Hack
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- (71) Baoshan Iron & Steel Co., Ltd.
(11) AU-A-2021226961
(21) 2021226961 (22) 07.02.2021
(54) Yield-ratio-controlled steel and manufacturing method therefor
(51) Int. Cl.
C22C 38/02 (2006.01)
C21D 8/06 (2006.01)
C22C 38/04 (2006.01)
C22C 38/42 (2006.01)
C22C 38/44 (2006.01)
C22C 38/46 (2006.01)
C22C 38/48 (2006.01)
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(31) 202010130904.1 (32) 28.02.20 (33) CN
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(74) FPA Patent Attorneys Pty Ltd
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(11) AU-A-2021227712
(21) 2021227712 (22) 23.02.2021
(54) Conveyor belt rip detection method and system
(51) Int. Cl.
B65G 43/02 (2006.01)
- (87) WO2021/168505
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(72) WARNER, Graham Trevor
(74) Caska Intellectual Property Pty Ltd
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- (71) BASF Agricultural Solutions Seed US LLC
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(21) 2021224224 (22) 19.02.2021
(54) Toxin gene and methods for its use
(51) Int. Cl.
C07K 14/325 (2006.01)
A01N 63/23 (2020.01)
A01N 63/50 (2020.01)
- C12N 15/82 (2006.01)
- (87) WO2021/168309
(31) 62/979,868 (32) 21.02.20 (33) US
(43) 26.08.2021
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(74) Griffith Hack
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- (71) BASF SE
(11) AU-A-2021225338
(21) 2021225338 (22) 24.02.2021
(54) Additive mixtures for rheology modification of polymers
(51) Int. Cl.
C07D 251/34 (2006.01)
C07C 333/08 (2006.01)
C07D 251/28 (2006.01)
C07D 493/10 (2006.01)
C08K 5/3435 (2006.01)
C08K 5/39 (2006.01)
D01F 1/10 (2006.01)
D01F 6/04 (2006.01)
- (87) WO2021/170615
(31) 20159546.9 (32) 26.02.20 (33) EP
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(21) 2021238002 (22) 12.03.2021
(54) Information processor
(51) Int. Cl.
A01M 7/00 (2006.01)
- (87) WO2021/187387
(31) 2020-045097 (32) 16.03.20 (33) JP
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- (71) Becoflex
(11) AU-A-2021227391
(21) 2021227391 (22) 19.02.2021
(54) Device for covering a surface comprising means for locking a cover in a groove
(51) Int. Cl.
E04H 4/10 (2006.01)
A63C 19/12 (2006.01)
B60J 7/06 (2006.01)
- (87) WO2021/170500
(31) BE20205124 (32) 26.02.20 (33) BE
(43) 02.09.2021
(72) COENRAETS, Benoît
(74) Spruson & Ferguson
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- (71) Becton, Dickinson and Company
(11) AU-A-2021219673
(21) 2021219673 (22) 10.02.2021
(54) Sensor assembly and system, method, and computer program product for

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(51) Int. Cl.
A61M 39/10 (2006.01)
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(43) 19.08.2021
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(74) FB Rice Pty Ltd
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(11) AU-A-2021225277
(21) 2021225277 **(22)** 18.02.2021
(54) Image cropping method and apparatus, and device and storage medium
(51) Int. Cl.
G06T 7/12 (2017.01)
(87) WO2021/169827
(31) 202010113486.5 **(32)** 24.02.20 **(33)** CN
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(72) LI, Linxing
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(21) 2021312196 **(22)** 22.07.2021
(54) Video dubbing method. device, apparatus, and storage medium
(51) Int. Cl.
H04N 5/262 (2006.01)
H04N 5/76 (2006.01)
H04N 21/845 (2011.01)
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(21) 2021231864 **(22)** 05.03.2021
(54) Therapeutic agents and conjugates thereof
(51) Int. Cl.
A61K 35/17 (2015.01)
C07K 14/705 (2006.01)
C07K 14/725 (2006.01)
(87) WO2021/178818
(31) 62/986,223 **(32)** 06.03.20 **(33)** US
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(74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd
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- (71)** BHP Chile Inc
(11) AU-A-2021236972
(21) 2021236972 **(22)** 18.03.2021
(54) Oxidative bioleaching of base metals
(51) Int. Cl.
C22B 3/18 (2006.01)
C22B 15/00 (2006.01)
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(31) 2020/01692 **(32)** 18.03.20 **(33)** ZA
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(74) Madderns Pty Ltd
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(11) AU-A-2021239047
(21) 2021239047 **(22)** 18.03.2021
(54) Oxidative heap leaching of base metals
(51) Int. Cl.
C22B 1/00 (2006.01)
C22B 3/08 (2006.01)
C22B 3/18 (2006.01)
C22B 3/44 (2006.01)
C22B 15/00 (2006.01)
(87) WO2021/186374
(31) 2020/01691 **(32)** 18.03.20 **(33)** ZA
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- (71)** Biohaven Pharmaceutical Holding Company Ltd.
(11) AU-A-2021227937
(21) 2021227937 **(22)** 26.02.2021
(54) Oral fast-dispersing dosage form of rimegepant
(51) Int. Cl.
A61K 31/4709 (2006.01)
A61K 9/20 (2006.01)
(87) WO2021/173936
(31) 62/982,456 **(32)** 27.02.20 **(33)** US
(43) 02.09.2021
(72) CORIC, Vladimir; CONWAY, Charles M.; CROOP, Robert; FROST, Marianne
(74) Adams Pluck
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(11) AU-A-2021224253
(21) 2021224253 **(22)** 22.02.2021
(54) Methods for optimizing the planning and placement of probes in the brain via multimodal 3D analyses of cerebral anatomy
(51) Int. Cl.
G06T 7/00 (2017.01)
A61B 5/055 (2006.01)
G01R 33/56 (2006.01)
G06K 9/00 (2006.01)
G06K 9/62 (2006.01)
G06T 7/60 (2017.01)
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(74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd
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- (71)** Bockatech Ltd
(11) AU-A-2021231517
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- (21)** 2021231517 **(22)** 02.03.2021
(54) Method of forming an article
(51) Int. Cl.
B29C 44/02 (2006.01)
B29C 44/04 (2006.01)
B29C 44/08 (2006.01)
B29C 45/73 (2006.01)
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(31) 2003070.6 **(32)** 03.03.20 **(33)** GB
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(72) CLARKE, Peter Reginald
(74) PHILLIPS ORMONDE FITZPATRICK
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(11) AU-A-2021227549
(21) 2021227549 **(22)** 25.02.2021
(54) Injection device and a reusable part therefor
(51) Int. Cl.
A61M 5/20 (2006.01)
A61M 5/315 (2006.01)
(87) WO2021/170690
(31) 20159319.1 **(32)** 25.02.20 **(33)** EP
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- (71)** Bolt Threads, Inc.
(11) AU-A-2021219838
(21) 2021219838 **(22)** 12.02.2021
(54) Recombinant silk solids and films
(51) Int. Cl.
C07K 14/435 (2006.01)
C12P 21/02 (2006.01)
D01D 5/06 (2006.01)
D01D 5/24 (2006.01)
D01F 4/00 (2006.01)
D01F 4/02 (2006.01)
D01F 6/68 (2006.01)
(87) WO2021/163495
(31) 62/975,656 **(32)** 12.02.20 **(33)** US
(43) 19.08.2021
(72) DAVIJANI, Amir Ahmad Bakhtiary; ANDREWS III, William James
(74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd
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(11) AU-A-2020428944
(21) 2020428944 **(22)** 29.12.2020
(54) Closed loop control in spinal cord stimulation therapy with non-detectable neural responses
(51) Int. Cl.
A61N 1/36 (2006.01)
A61N 1/05 (2006.01)
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(31) 62/976,800 **(32)** 14.02.20 **(33)** US
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(11) AU-A-2021224796

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 (54) Instrument accessory
 (51) Int. Cl.
 A61B 1/31 (2006.01)
 A61B 1/00 (2006.01)
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 (31) 62/978,018 (32) 18.02.20 (33) US
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 Darshan; KILCOOLEY, John
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 (21) 2021226347 (22) 25.02.2021
 (54) Medical systems, devices, and related
 methods
 (51) Int. Cl.
 A61M 1/00 (2006.01)
 A61B 1/00 (2006.01)
 A61F 13/00 (2006.01)
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 (31) 62/982,926 (32) 28.02.20 (33) US
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 KING, Joseph W.
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 (21) 2021226497 (22) 19.02.2021
 (54) Medical systems, devices, and related
 methods
 (51) Int. Cl.
 A61M 1/00 (2006.01)
 (87) WO2021/173428
 (31) 62/982,328 (32) 27.02.20 (33) US
 (43) 02.09.2021
 (72) LYDECKER, Lauren; PIC, Andrew;
 BURKE, Martin; ORTIZ GARCIA, Juan
 Pablo; HENCHIE, Travis; FAVREAU,
 John; POWERS, Jessica
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- (71) Boston Scientific Scimed, Inc.
 (11) AU-A-2021226759
 (21) 2021226759 (22) 24.02.2021
 (54) Endoluminal sealing devices and re-
 lated methods of use
 (51) Int. Cl.
 A61M 1/00 (2006.01)
 A61B 17/12 (2006.01)
 A61B 17/00 (2006.01)
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 Louis; FAVREAU, John T.; RYAN,
 Shawn
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 (11) AU-A-2021227681
 (21) 2021227681 (22) 25.02.2021
- (54) Porous medical device and methods of
 use
 (51) Int. Cl.
 A61M 1/00 (2006.01)
 A61F 13/00 (2006.01)
 A61L 15/00 (2006.01)
 A61L 31/14 (2006.01)
 A61M 31/00 (2006.01)
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 (31) 62/982,860 (32) 28.02.20 (33) US
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- (71) Boston Scientific Scimed, Inc.
 (11) AU-A-2021227924
 (21) 2021227924 (22) 26.02.2021
 (54) Medical treatment systems and related
 methods thereof
 (51) Int. Cl.
 A61M 1/00 (2006.01)
 A61F 13/00 (2006.01)
 (87) WO2021/173897
 (31) 62/982,206 (32) 27.02.20 (33) US
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 RAGHURAM, Ashrita; FAVREAU, John
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- (71) Boston Scientific Scimed, Inc.
 (11) AU-A-2021228665
 (21) 2021228665 (22) 25.02.2021
 (54) Medical therapy systems and methods
 of using the same
 (51) Int. Cl.
 A61M 1/00 (2006.01)
 A61B 1/00 (2006.01)
 A61B 1/018 (2006.01)
 A61B 1/273 (2006.01)
 (87) WO2021/173856
 (31) 62/981,649 (32) 26.02.20 (33) US
 (43) 02.09.2021
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- (71) Boston Scientific Scimed, Inc.
 (11) AU-A-2021228722
 (21) 2021228722 (22) 26.02.2021
 (54) Adaptive pressure control filter for a flu-
 id management system
 (51) Int. Cl.
 G16H 40/63 (2018.01)
 (87) WO2021/174027
 (31) 62/982,384 (32) 27.02.20 (33) US
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 GUDEKAR, Yogesh
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- (71) Burndy, LLC
 (11) AU-A-2021224589
 (21) 2021224589 (22) 17.02.2021
 (54) Connector with captive interface
 (51) Int. Cl.
- H01R 4/50 (2006.01)
 H01R 4/28 (2006.01)
 H01R 4/30 (2006.01)
 H01R 4/38 (2006.01)
 H01R 4/42 (2006.01)
 H01R 43/24 (2006.01)
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 SCHRADER, Gary E.; YORK III,
 Charles L.; FERNANDEZ, Andison;
 POLIDORI, Nicholas
 (74) Eagar & Associates Pty Ltd
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- (71) BW Technologies Ltd; Grant, J.
 (11) AU-A-2021205649
 (21) 2021205649 (22) 11.01.2021
 (54) A closure for a multi-use drinks bottle
 (51) Int. Cl.
 C02F 1/00 (2006.01)
 B01D 39/20 (2006.01)
 B65D 47/08 (2006.01)
 B65D 47/32 (2006.01)
 B65D 51/16 (2006.01)
 B65D 51/24 (2006.01)
 (87) WO2021/140239
 (31) 2000357.0 (32) 10.01.20 (33) GB
 (43) 15.07.2021
 (72) GRANT, James; GRANT, Jon
 (74) LESICAR MAYNARD ANDREWS PTY
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 (11) AU-A-2021224839
 (21) 2021224839 (22) 14.02.2021
 (54) Hinge device with programmable beha-
 viour
 (51) Int. Cl.
 E05F 1/12 (2006.01)
 (87) WO2021/165166
 (31) 102020000003140 (32) 17.02.20 (33) IT
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 (72) TERENCE, Emanuele; PIZZI, Federico
 (74) A.P.T. Patent and Trade Mark Attor-
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 (11) AU-A-2021210313
 (21) 2021210313 (22) 25.01.2021
 (54) Method for detecting specific DNA in
 sample
 (51) Int. Cl.
 C12N 15/09 (2006.01)
 C12Q 1/68 (2018.01)
 (87) WO2021/149829
 (31) 2020-010216 (32) 24.01.20 (33) JP
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 (43) 29.07.2021
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 (74) Davies Collison Cave Pty Ltd
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 (51) Int. Cl.
E04H 15/20 (2006.01)
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 (43) 19.08.2021
 (72) CANGEMI, Nikolaos; LAETSCH, Alexander; LAETSCH, Gregory
 (74) Zone Patents Limited
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- (71) Cardiomix S.r.l.
 (11) AU-A-2021220003
 (21) 2021220003 (22) 11.02.2021
 (54) Set of biomarkers for the diagnosis of Brugada Syndrome
 (51) Int. Cl.
C12Q 1/6883 (2018.01)
G01N 33/68 (2006.01)
G01N 33/92 (2006.01)
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 (31) 20157309.4 (32) 14.02.20 (33) EP
 (43) 19.08.2021
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 (74) AJ PARK
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- (71) CareFusion 303, Inc.
 (11) AU-A-2021220138
 (21) 2021220138 (22) 04.02.2021
 (54) Multipurpose capacitive sensor for fluid pumps
 (51) Int. Cl.
A61M 5/168 (2006.01)
A61M 5/36 (2006.01)
 (87) WO2021/162933
 (31) 62/975,422 (32) 12.02.20 (33) US
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 (72) SOLOGUB, Vadym
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 (11) AU-A-2021220164
 (21) 2021220164 (22) 09.02.2021
 (54) Diversion detection system
 (51) Int. Cl.
G16H 40/00 (2018.01)
 (87) WO2021/163051
 (31) 62/975,056 (32) 11.02.20 (33) US
 (43) 19.08.2021
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 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) Cargill, Incorporated
 (11) AU-A-2021221988
 (21) 2021221988 (22) 18.02.2021
 (54) Cocoa composition
 (51) Int. Cl.
A23G 1/36 (2006.01)
A23G 1/40 (2006.01)
A23G 1/44 (2006.01)
A23G 1/48 (2006.01)
 (87) WO2021/168050
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- (71) Cargill, Incorporated
 (11) AU-A-2021222168
 (21) 2021222168 (22) 18.02.2021
 (54) Chocolate composition
 (51) Int. Cl.
A23G 1/36 (2006.01)
A23G 1/40 (2006.01)
A23G 1/44 (2006.01)
A23G 1/48 (2006.01)
 (87) WO2021/168047
 (31) 20158674.0 (32) 21.02.20 (33) EP
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 (72) BAREY, Vanessa; VERVLIIET, Stefan
 (74) Spruson & Ferguson
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- (71) Cargill, Incorporated
 (11) AU-A-20212224607
 (21) 20212224607 (22) 18.02.2021
 (54) Cocoa composition
 (51) Int. Cl.
A23G 1/36 (2006.01)
A23G 1/40 (2006.01)
A23G 1/44 (2006.01)
A23G 1/48 (2006.01)
 (87) WO2021/168051
 (31) 20158681.5 (32) 21.02.20 (33) EP
 (43) 26.08.2021
 (72) BAREY, Vanessa; VERVLIIET, Stefan
 (74) Spruson & Ferguson
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- (71) Cargill, Incorporated
 (11) AU-A-20212224633
 (21) 20212224633 (22) 18.02.2021
 (54) Cocoa composition
 (51) Int. Cl.
A23G 1/36 (2006.01)
A23G 1/40 (2006.01)
A23G 1/44 (2006.01)
A23G 1/48 (2006.01)
 (87) WO2021/168053
 (31) 20158685.6 (32) 21.02.20 (33) EP
 (43) 26.08.2021
 (72) BAREY, Vanessa; VERVLIIET, Stefan
 (74) Spruson & Ferguson
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- (71) Caris MPI, Inc.
 (11) AU-A-2021221048
 (21) 2021221048 (22) 16.02.2021
 (54) Panomic genomic prevalence score
 (51) Int. Cl.
G16B 20/00 (2019.01)
G06N 3/08 (2006.01)
G06N 20/00 (2019.01)
G16B 40/00 (2019.01)
G16H 50/20 (2018.01)
G16H 50/70 (2018.01)
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 (31) 62/977,015 (32) 14.02.20 (33) US
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 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) Carlsberg A/S
 (11) AU-A-20212231112
 (21) 2021231112 (22) 01.03.2021
 (54) Barley plants with high limit dextrinase activity
 (51) Int. Cl.
A01H 5/10 (2018.01)
A01H 1/00 (2006.01)
A01H 6/46 (2018.01)
C07K 14/415 (2006.01)
C12N 15/82 (2006.01)
 (87) WO2021/175786
 (31) 20160355.2 (32) 02.03.20 (33) EP
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 (72) OLSEN, Ole; LOK, Finn; KNUDSEN, Søren; MARRI, Lucia; STRIEBECK, Alexander; PEDAS, Pai Rosager; CUESTA-SEIJO, Jose Antonio; THOMSEN, Hanne; BRAUNE, Katarzyna Birch
 (74) FB Rice Pty Ltd
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- (71) Caterpillar Global Mining LLC
 (11) AU-A-2021220715
 (21) 2021220715 (22) 02.02.2021
 (54) System and method for automated drilling activity monitoring
 (51) Int. Cl.
E21B 47/12 (2012.01)
E21B 7/24 (2006.01)
E21B 28/00 (2006.01)
G01V 1/40 (2006.01)
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 (74) Patent Attorney Services
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 (51) Int. Cl.
E02F 9/22 (2006.01)
E02F 9/08 (2006.01)
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 (72) MATE, Edward William
 (74) FPA Patent Attorneys Pty Ltd
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- (71) Chan Zuckerberg Biohub, Inc.; The Regents of the University of California
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C12Q 1/68 (2018.01)
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E21B 43/26 (2006.01)
E21B 47/113 (2012.01)
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G01V 1/48 (2006.01)
G01V 1/28 (2006.01)
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H04W 74/08 (2009.01)
H04W 74/00 (2009.01)
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(72) XIE, Fang; LIU, Guangyi
(74) Golja Haines & Friend
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A61H 1/00 (2006.01)
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A61P 35/00 (2006.01)
A61K 31/166 (2006.01)
A61K 31/18 (2006.01)
A61K 31/44 (2006.01)
A61K 31/4436 (2006.01)
A61K 31/444 (2006.01)
A61P 43/00 (2006.01)
C07C 307/10 (2006.01)
C07C 311/01 (2006.01)
C07D 213/76 (2006.01)
C07D 401/06 (2006.01)
C07D 409/12 (2006.01)
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G01N 33/574 (2006.01)
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H04L 12/66 (2006.01)
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C08K 3/08 (2006.01)
C08K 3/22 (2006.01)
C08K 5/01 (2006.01)
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(51) Int. Cl.
C10M 169/04 (2006.01)
C10N 10/02 (2006.01)
C10N 10/12 (2006.01)
C10N 30/00 (2006.01)
C10N 30/06 (2006.01)
C10N 30/10 (2006.01)
C10N 30/12 (2006.01)
C10N 40/00 (2006.01)
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(51) Int. Cl.
A61N 1/40 (2006.01)
A61F 7/00 (2006.01)
A61F 7/02 (2006.01)
A61H 23/02 (2006.01)
A61N 1/04 (2006.01)
A61N 1/08 (2006.01)
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H04M 3/42 (2006.01)
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(21) 2021235328 **(22)** 04.03.2021
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(51) Int. Cl.
B29C 48/285 (2019.01)
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A01H 6/46 (2018.01)

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A21D 13/064 (2017.01)
A21D 13/066 (2017.01)
A23L 3/20 (2006.01)
A23L 7/10 (2016.01)
C12C 1/00 (2006.01)
G01N 33/68 (2006.01)
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(51) Int. Cl.
E21B 21/08 (2006.01)
E21B 17/18 (2006.01)
E21B 21/10 (2006.01)
E21B 21/12 (2006.01)
E21B 34/06 (2006.01)
E21B 34/08 (2006.01)
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B67D 1/04 (2006.01)
B01F 23/2361 (2022.01)
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(72) DESLANDES, Sarah; RIDER, Michael
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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(21) 2021214938 **(22)** 26.01.2021
(54) Treatment of adrenocortical carcinoma with selective glucocorticoid receptor modulators (SGRMs) and antibody checkpoint inhibitors
(51) Int. Cl.
A61K 31/444 (2006.01)
A61K 31/337 (2006.01)
A61K 31/513 (2006.01)
A61K 31/7068 (2006.01)
A61K 39/00 (2006.01)
A61K 45/06 (2006.01)
A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
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(54) Methods of stimulating an anti-tumor response using a selective glucocorticoid receptor modulator
(51) Int. Cl.
A61K 31/4745 (2006.01)
A61K 31/337 (2006.01)
A61K 45/06 (2006.01)
A61P 35/00 (2006.01)
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(71) Cregan, B.
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(21) 2021220308 **(22)** 12.02.2021
(54) A compactor
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B30B 9/30 (2006.01)
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(72) CREGAN, Bill
(74) Madderns Pty Ltd

(71) CSPC Zhongqi Pharmaceutical Technology (Shijiazhuang) Co., Ltd.
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(21) 2021210477 **(22)** 22.01.2021
(54) Salt of arylaminopurine derivative, preparation method therefor and use thereof
(51) Int. Cl.
C07D 473/32 (2006.01)
A61K 31/52 (2006.01)
A61K 31/5377 (2006.01)
A61P 35/00 (2006.01)
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(74) Churchill Attorneys

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(54) Rapid vaccine platform
(51) Int. Cl.
C12N 15/85 (2006.01)
A61K 9/00 (2006.01)
A61K 35/28 (2015.01)
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 (51) Int. Cl.
A61K 31/415 (2006.01)
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B42D 25/328 (2014.01)
B42D 25/346 (2014.01)
B42D 25/351 (2014.01)
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B42D 25/373 (2014.01)
B42D 25/378 (2014.01)
B42D 25/382 (2014.01)
B42D 25/387 (2014.01)
B42D 25/41 (2014.01)
B42D 25/455 (2014.01)
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- (71) Denali Therapeutics Inc.
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 (54) Engineered anti-HER2 bispecific proteins
 (51) Int. Cl.
A61K 39/00 (2006.01)
A61K 39/395 (2006.01)
A61K 45/06 (2006.01)
A61K 47/68 (2017.01)
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 (31) 62/978,758 (32) 19.02.20 (33) US
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 (74) FPA Patent Attorneys Pty Ltd
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 (51) Int. Cl.
- A61K 8/19** (2006.01)
A61K 8/26 (2006.01)
A61K 8/86 (2006.01)
A61K 8/97 (2017.01)
A61Q 19/10 (2006.01)
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 (31) 20171117.3 (32) 23.04.20 (33) EP
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 (51) Int. Cl.
A47J 31/20 (2006.01)
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 (43) 22.07.2021
 (72) DE WET, Pieter Oloff
 (74) FB Rice Pty Ltd
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 (51) Int. Cl.
C12Q 1/6844 (2018.01)
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 (31) 20168019.6 (32) 03.04.20 (33) EP
 20197572.9 22.09.20 EP
 (43) 07.10.2021
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 (11) AU-A-2021278579
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 (54) Method for producing a beverage for human consumption which is filled into a container and which contains at least one portion of at least one flavor carrier according to the invention
 (51) Int. Cl.
A23L 2/38 (2021.01)
A23L 2/44 (2006.01)
A23L 2/46 (2006.01)
A23L 2/52 (2006.01)
A23L 2/54 (2006.01)
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 (72) MÜLLER, Jenny; KOCH, Daniel
 (74) FPA Patent Attorneys Pty Ltd
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- (71) Dong-A ST Co., Ltd.
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 (54) Pharmaceutical composition for prevention or treatment of diabetes and metabolic diseases associated therewith
- (51) Int. Cl.
A61K 31/506 (2006.01)
A61K 31/495 (2006.01)
A61K 31/4985 (2006.01)
A61P 3/04 (2006.01)
A61P 3/06 (2006.01)
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 (74) FPA Patent Attorneys Pty Ltd
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 (54) Optimization of delivery associate incentives
 (51) Int. Cl.
G06Q 10/08 (2012.01)
G06N 20/00 (2019.01)
G06Q 10/06 (2012.01)
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 (43) 19.08.2021
 (72) REN, Jiarui; RAMESH, Raghav; LIN, Sifeng
 (74) mdp Patent and Trade Mark Attorneys
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- (71) Dow Global Technologies LLC; Dow Silicones Corporation; Rohm and Haas Company
 (11) AU-A-2021218665
 (21) 2021218665 (22) 10.02.2021
 (54) Aqueous dispersion of acrylate-siloxane copolymer particles
 (51) Int. Cl.
C08F 2/26 (2006.01)
C07F 7/08 (2006.01)
C08F 2/30 (2006.01)
C08F 230/08 (2006.01)
- (87) WO2021/163085
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 (74) Maxwells Patent & Trade Mark Attorneys Pty Ltd
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 (11) AU-A-2021220770
 (21) 2021220770 (22) 10.02.2021
 (54) Preparation of aqueous dispersion of acrylate-siloxane copolymer particles
 (51) Int. Cl.
C07F 7/08 (2006.01)
C08F 2/26 (2006.01)
C08F 2/30 (2006.01)
C08F 230/08 (2006.01)
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- (71) Drive Medical, Inc.
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(21) 2021226373 (22) 25.02.2021
(54) Devices and systems for body cavities and methods of use
(51) Int. Cl.
A61B 1/00 (2006.01)
A61B 17/00 (2006.01)
A61B 34/20 (2016.01)
(87) WO2021/173818
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(43) 02.09.2021
(72) ZHAO, Yan Shi; STONE, Corbett W.
(74) Spruson & Ferguson
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- (71) Duke University; The Regents of the University of California
(11) AU-A-2021213783
(21) 2021213783 (22) 29.01.2021
(54) Plasmonics sensing nanoplatfoms for human stem cell applications and methods thereof
(51) Int. Cl.
C12Q 1/6825 (2018.01)
C12N 5/0735 (2010.01)
C12N 5/074 (2010.01)
C12Q 1/6876 (2018.01)
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(11) AU-A-2021231786
(21) 2021231786 (22) 03.03.2021
(54) Proteins with predictable liquid-liquid phase separation
(51) Int. Cl.
C07K 7/06 (2006.01)
C07K 14/005 (2006.01)
C07K 14/31 (2006.01)
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(51) Int. Cl.
A61K 47/69 (2017.01)
B82Y 5/00 (2011.01)
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(21) 2021234992 (22) 10.03.2021
(54) Improved efficiency for a heat extracting system and/or a heat depositing system
(51) Int. Cl.
F24D 10/00 (2006.01)
F24D 3/18 (2006.01)
F24F 5/00 (2006.01)
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(31) 20162691.8 (32) 12.03.20 (33) EP
(43) 16.09.2021
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(74) Michael Buck IP
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- (71) Eberhard Karls Universitaet Tuebingen Medizinische Fakultaat
(11) AU-A-2021224972
(21) 2021224972 (22) 17.02.2021
(54) Medical device and method for producing a plasma-activated liquid
(51) Int. Cl.
A61B 18/04 (2006.01)
A61L 2/14 (2006.01)
H05H 1/24 (2006.01)
(87) WO2021/165334
(31) 10 2020 104 261.2 (32) 18.02.20 (33) DE
(43) 26.08.2021
(72) WEISS, Martin
(74) Davies Collision Cave Pty Ltd
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- (71) Ecogenesis LLC
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(21) 2021208627 (22) 15.01.2021
(54) Processing of low rank coal
(51) Int. Cl.
C10L 5/04 (2006.01)
C10L 5/10 (2006.01)
C10L 9/08 (2006.01)
F26B 3/20 (2006.01)
F26B 5/04 (2006.01)
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(31) 62/961,540 (32) 15.01.20 (33) US
(43) 22.07.2021
(72) OSTVIK, Bjornulf
(74) Spruson & Ferguson
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- (71) Electrochaea GmbH
(11) AU-A-2021219960
(21) 2021219960 (22) 12.02.2021
(54) Biocatalyst adaptation as load following solution
(51) Int. Cl.
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- C12N 1/20 (2006.01)
C12N 15/01 (2006.01)
C12P 5/02 (2006.01)
(87) WO2021/160811
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(11) AU-A-2021248456
(21) 2021248456 (22) 17.03.2021
(54) Sensor means or module for determining a displacement or deflection or bending, household appliance and method for determining the weight of an item
(51) Int. Cl.
G01G 19/56 (2006.01)
(87) WO2021/197844
(31) 20167868.7 (32) 03.04.20 (33) EP
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(74) Halfords IP
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- (71) Electrolux Appliances Aktiebolag
(11) AU-A-2021268914
(21) 2021268914 (22) 09.04.2021
(54) Door assembly for an oven appliance
(51) Int. Cl.
F24C 15/00 (2006.01)
F24C 7/08 (2006.01)
F24C 15/04 (2006.01)
H05B 6/64 (2006.01)
(87) WO2021/223957
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(72) WEBER, Mario; WINKELMANN, Klaus
(74) Halfords IP
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(54) Methods and systems for generating behavioral insights using survey instruments and diabetes treatment information
(51) Int. Cl.
G16H 10/20 (2018.01)
G16H 10/60 (2018.01)
G16H 15/00 (2018.01)
G16H 50/30 (2018.01)
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(21) 2021213237 **(22)** 29.01.2021
(54) Braided surgical implants
(51) Int. Cl.
A61L 17/08 (2006.01)
A61L 27/24 (2006.01)
A61L 27/40 (2006.01)
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(31) 62/968,873 **(32)** 31.01.20 **(33)** US
(43) 05.08.2021
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(74) Davies Collison Cave Pty Ltd
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- (71)** EmNet, LLC
(11) AU-A-2021212182
(21) 2021212182 **(22)** 29.01.2021
(54) Systems and methods relating to effective management of fluid infrastructure
(51) Int. Cl.
G06N 3/08 (2006.01)
C02F 1/00 (2006.01)
C02F 3/00 (2006.01)
G06Q 50/06 (2012.01)
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(11) AU-A-2021209696
(21) 2021209696 **(22)** 22.01.2021
(54) Localized expression of therapeutic nucleic acids in lung epithelial cells
(51) Int. Cl.
A61K 47/36 (2006.01)
A61K 9/14 (2006.01)
A61K 47/34 (2017.01)
C12N 15/10 (2006.01)
C12N 15/87 (2006.01)
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(72) CHEUNG, Anthony; LORA, José
(74) Spruson & Ferguson
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- (71)** Epizyme, Inc.
(11) AU-A-2021224855
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(54) SETD2 inhibitors and related methods and uses, including combination therapies
(51) Int. Cl.
C07D 471/04 (2006.01)
A61K 31/519 (2006.01)
C07D 487/04 (2006.01)
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- (71)** Escape Therapeutics, Inc.
(11) AU-A-2021218763
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(54) Melanoma therapeutics
(51) Int. Cl.
C07K 5/097 (2006.01)
A61K 38/06 (2006.01)
A61K 38/08 (2019.01)
A61P 35/00 (2006.01)
C07K 7/06 (2006.01)
(87) WO2021/163701
(31) 62/976,255 **(32)** 13.02.20 **(33)** US
(43) 19.08.2021
(72) HANTASH, Basil M.
(74) FB Rice Pty Ltd
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- (71)** Essity Hygiene and Health Aktiebolag
(11) AU-A-2021220546
(21) 2021220546 **(22)** 10.02.2021
(54) Absorbent undergarment
(51) Int. Cl.
A61F 13/66 (2006.01)
A61L 15/40 (2006.01)
A61L 15/42 (2006.01)
A61L 15/46 (2006.01)
(87) WO2021/160627
(31) PCT/SE2020/050141 **(32)** 11.02.20 **(33)** SE
(43) 19.08.2021
(72) HUSMARK, Ulrika; RYTTSÉN, Frida
(74) Griffith Hack
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- (71)** E-Swin Developpement
(11) AU-A-2021225084
(21) 2021225084 **(22)** 18.02.2021
(54) Method for measuring a tear meniscus
(51) Int. Cl.
A61B 3/10 (2006.01)
A61B 3/00 (2006.01)
A61B 3/11 (2006.01)
(87) WO2021/165619
(31) FR20 01763 **(32)** 21.02.20 **(33)** FR
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(72) BROTTIER, Yves-Vincent; OBIN, Arnaud; PERRIN, Nelson
(74) Griffith Hack
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- (71)** ES · FOR · IN SE
(11) AU-A-2021206016
(21) 2021206016 **(22)** 08.01.2021
(54) Method and system for controlling an electrical installation
(51) Int. Cl.
H02J 3/00 (2006.01)
G06Q 30/06 (2012.01)
G06Q 50/06 (2012.01)
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(51) Int. Cl.
C12N 15/11 (2006.01)
C12N 15/01 (2006.01)
C12P 21/02 (2006.01)
(87) WO2021/165410
(31) 20158737.5 **(32)** 21.02.20 **(33)** EP
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(72) LEMKE, Edward; KÖHLER, Christine; GIRONA, Gemma Estrada; MÜLLER, Florence
(74) Griffith Hack
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- (71)** Evonik Operations GmbH
(11) AU-A-2021208280
(21) 2021208280 **(22)** 06.01.2021
(54) Silica-based hydrophobic granular material with an increased polarity
(51) Int. Cl.
C01B 33/18 (2006.01)
C09C 1/12 (2006.01)
C09C 1/30 (2006.01)
F16L 59/00 (2006.01)
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(31) 20151588.9 **(32)** 14.01.20 **(33)** EP
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(74) AJ PARK
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(11) AU-A-2021208284
(21) 2021208284 **(22)** 06.01.2021
(54) Composite body and use thereof in organophilic nanofiltration
(51) Int. Cl.
B01D 67/00 (2006.01)
B01D 63/10 (2006.01)
B01D 69/02 (2006.01)
B01D 69/10 (2006.01)
B01D 69/12 (2006.01)
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(43) 22.07.2021
(72) HYING, Christian; CONRADI, Oliver; POPPE, Dirk; GRZENIA, David; KHALETSKAYA, Kira
(74) AJ PARK
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- (71)** F. Hoffmann-La Roche AG
(11) AU-A-2021234062
(21) 2021234062 **(22)** 08.03.2021
(54) Method and system for determining at least one membrane property of an analyte sensor

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G01N 27/327 (2006.01)
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(74) Spruson & Ferguson
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- (71) Felicamed Biotechnology Co., Ltd.
(11) AU-A-2021291983
(21) 2021291983 (22) 11.06.2021
(54) Use of compound in prevention and/or treatment of pathogen infection in animals
- (51) Int. Cl.
A61K 31/4439 (2006.01)
A61P 31/00 (2006.01)
A61P 31/12 (2006.01)
A61P 31/14 (2006.01)
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(72) KANG, Di; LI, Danni; LIN, Xingyu; LU, Tingting
(74) Wynnes Patent and Trade Mark Attorneys Pty Ltd
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- (71) Feliqs Corporation; Kyushu University, National University Corporation
(11) AU-A-2021219489
(21) 2021219489 (22) 12.02.2021
(54) Compound and use thereof
- (51) Int. Cl.
C07C 229/36 (2006.01)
A61K 31/198 (2006.01)
A61K 31/223 (2006.01)
A61P 9/00 (2006.01)
A61P 11/00 (2006.01)
A61P 25/00 (2006.01)
A61P 31/04 (2006.01)
A61P 39/06 (2006.01)
A61P 43/00 (2006.01)
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(31) 2020-023164 (32) 14.02.20 (33) JP
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(72) YAMADA, Kenichi; KUNINOBU, Kenichiro
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- (71) Figene, LLC
(11) AU-A-2021219836
(21) 2021219836 (22) 12.02.2021
(54) Treatment of cerebral palsy using fibroblasts
- (51) Int. Cl.
A61K 35/33 (2015.01)
A61K 35/16 (2015.01)
A61K 35/17 (2015.01)
A61K 38/18 (2006.01)
C12N 5/00 (2006.01)
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(72) ICHIM, Thomas; O'HEERON, Pete
(74) FB Rice Pty Ltd
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- (71) Fina BioSolutions, LLC
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(21) 2021239914 (22) 12.03.2021
(54) Production of soluble recombinant protein
- (51) Int. Cl.
C12N 15/70 (2006.01)
A61K 39/05 (2006.01)
A61P 31/04 (2006.01)
C07K 14/34 (2006.01)
C12N 15/74 (2006.01)
C12P 21/02 (2006.01)
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63/152,954 24.02.21 US
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(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
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- (71) FMC Corporation
(11) AU-A-2021219788
(21) 2021219788 (22) 12.02.2021
(54) Substituted 5,6-diphenyl-3(2H)-pyridazinones for use as fungicides
- (51) Int. Cl.
C07D 237/14 (2006.01)
A01N 43/58 (2006.01)
C07D 237/04 (2006.01)
C07D 237/18 (2006.01)
- (87) WO2021/163519
(31) 62/976,573 (32) 14.02.20 (33) US
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(72) LONG, Jeffrey Keith; HIE, Liana
(74) WRAYS PTY LTD
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- (71) Fractyl Health, Inc.
(11) AU-A-2021240014
(21) 2021240014 (22) 18.03.2021
(54) Methods and systems for treating diabetes and related diseases and disorders
- (51) Int. Cl.
A61B 18/14 (2006.01)
A61B 18/00 (2006.01)
A61M 29/02 (2006.01)
- (87) WO2021/188781
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(72) RAJAGOPALAN, Harith; CAPLAN, Jay; GARDNER, Craig M.; FLAHERTY, J. Christopher
(74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) Fresenius Medical Care Deutschland GmbH
(11) AU-A-2021213898
(21) 2021213898 (22) 27.01.2021
(54) Method and devices for determining a time for collecting pressure-measurement values
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- (51) Int. Cl.
A61M 1/16 (2006.01)
A61M 1/34 (2006.01)
A61M 1/36 (2006.01)
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(31) 10 2020 102 471.1 (32) 31.01.20 (33) DE
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(72) MILLÁN-GALANTE, Maria
(74) Davies Collison Cave Pty Ltd
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- (71) FUJIFILM Cellular Dynamics, Inc.
(11) AU-A-2021215980
(21) 2021215980 (22) 02.02.2021
(54) Apparatus and methods for delivery of cell suspension
- (51) Int. Cl.
A61M 5/145 (2006.01)
- (87) WO2021/158510
(31) 62/970,357 (32) 05.02.20 (33) US
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(72) LEARISH, Randall D.; BEARDSLEY, Nathaniel A.; SATO, Sho; MCMAHON, Christopher W.
(74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd
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(21) 2020421062 (22) 21.01.2020
(54) Self-rescue system and method for people in distress in an aquatic environment, personal beacon and U-shaped buoy configured to carry out the self-rescue method in an aquatic environment
- (51) Int. Cl.
B63C 9/08 (2006.01)
B63C 9/00 (2006.01)
B63C 11/46 (2006.01)
- (87) WO2021/140363
(31) 116052 T (32) 10.01.20 (33) PT
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(72) NORAS, Jorge Alberto Ferreira
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- (71) Genentech, Inc.
(11) AU-A-2021263767
(21) 2021263767 (22) 28.04.2021
(54) KRas specific antibodies and uses thereof
- (51) Int. Cl.
C07K 16/32 (2006.01)
A61P 35/00 (2006.01)
- (87) WO2021/222333
(31) 63/018,356 (32) 30.04.20 (33) US
(43) 04.11.2021
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(74) Griffith Hack
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- (71) Gomez, R.
(11) AU-A-2021257392
(21) 2021257392 (22) 12.04.2021

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 (51) Int. Cl.
C25B 1/04 (2021.01)
C02F 1/461 (2006.01)
C25B 1/50 (2021.01)
C25B 9/70 (2021.01)
 (87) WO2021/207781
 (31) 2020901163 (32) 12.04.20 (33) AU
 (43) 21.10.2021
 (72) GOMEZ, Rodolfo Antonio
 (74) Madderns Pty Ltd
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- (71) Gozney Group Limited
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 (21) 2021222792 (22) 15.02.2021
 (54) Oven
 (51) Int. Cl.
F24C 15/00 (2006.01)
A21B 3/04 (2006.01)
 (87) WO2021/165198
 (31) 2002310.7 (32) 19.02.20 (33) GB
 (43) 26.08.2021
 (72) GOZNEY, Thomas Robert Llewelyn
 (74) Houlihan2 Pty Ltd
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- (71) Gozney Group Limited
 (11) AU-A-2021223087
 (21) 2021223087 (22) 09.04.2021
 (54) Multi-functional open-flame oven
 (51) Int. Cl.
F24C 15/00 (2006.01)
A23B 4/052 (2006.01)
A47J 37/06 (2006.01)
F24C 1/02 (2021.01)
F24C 1/04 (2021.01)
 (87) WO2021/165706
 (31) 2002304.0 (32) 19.02.20 (33) GB
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 2015511.5 30.09.20 GB
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 (72) GOZNEY, Thomas Robert Llewelyn
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- (71) Gozney Group Limited
 (11) AU-A-2021223478
 (21) 2021223478 (22) 15.02.2021
 (54) Oven system
 (51) Int. Cl.
A23B 4/052 (2006.01)
A47J 37/06 (2006.01)
 (87) WO2021/165200
 (31) 2002313.1 (32) 19.02.20 (33) GB
 (43) 26.08.2021
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 (21) 2021224955 (22) 16.02.2021
 (54) Oven
 (51) Int. Cl.
F24C 1/04 (2021.01)
A23B 4/052 (2006.01)
 (87) WO2021/165261
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 (74) Houlihan2 Pty Ltd
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- (71) Grail, LLC
 (11) AU-A-2021227920
 (21) 2021227920 (22) 25.02.2021
 (54) Systems and methods for calling variants using methylation sequencing data
 (51) Int. Cl.
G16B 20/20 (2019.01)
 (87) WO2021/173885
 (31) 62/983,404 (32) 28.02.20 (33) US
 (43) 02.09.2021
 (72) SINGH, Pranav Parmjit; CHANG, Christopher; MELTON, Collin; VENN, Oliver Claude
 (74) FB Rice Pty Ltd
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- (71) Graphene-Dx, Inc.
 (11) AU-A-2021216478
 (21) 2021216478 (22) 08.02.2021
 (54) Graphene-based sensor for detecting hemoglobin in a biological sample
 (51) Int. Cl.
G01N 33/543 (2006.01)
G01N 27/327 (2006.01)
G01N 33/547 (2006.01)
G01N 33/551 (2006.01)
G01N 33/574 (2006.01)
G01N 33/72 (2006.01)
 (87) WO2021/159074
 (31) 62/970,919 (32) 06.02.20 (33) US
 (43) 12.08.2021
 (72) NAWANA, Namal; ABEDI, Mehdi; MOLLAAGHABABA, Reza
 (74) FPA Patent Attorneys Pty Ltd
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- (71) Graphene-Dx, Inc.
 (11) AU-A-2021239399
 (21) 2021239399 (22) 22.03.2021
 (54) Graphene-based sensor for detecting SARS-CoV-2 virus in a biological sample
 (51) Int. Cl.
G01N 33/543 (2006.01)
G01N 33/569 (2006.01)
 (87) WO2021/189041
 (31) 62/992,677 (32) 20.03.20 (33) US
 63/023,014 11.05.20 US
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 (43) 23.09.2021
 (72) NAWANA, Namal; MOLLAAGHABABA, Reza; ABEDI, Mehdi; GREENFIELD, Edward Alvin; PATEL, Nirva; FOTOUHI, Mohammed
 (74) FPA Patent Attorneys Pty Ltd
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- (71) Grünenthal GmbH
 (11) AU-A-2021237693
 (21) 2021237693 (22) 16.03.2021
 (54) Scored tablet
 (51) Int. Cl.
A61K 9/20 (2006.01)
A61K 31/137 (2006.01)
 (87) WO2021/185804
 (31) 20163336.9 (32) 16.03.20 (33) EP
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- (43) 23.09.2021
 (72) ELLERMANN, Angelika; BERTRAM, Ulrike; BARTZ, Gerd; RÜTTGERS, Udo
 (74) Spruson & Ferguson
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- (71) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
 (11) AU-A-2020426953
 (21) 2020426953 (22) 12.03.2020
 (54) Sidelink transmission resource configuration method and system, and device and storage medium
 (51) Int. Cl.
H04W 4/70 (2018.01)
H04W 72/02 (2009.01)
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A61K 31/407 (2006.01)
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A61P 35/00 (2006.01)
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<p>(71) iSTAR Medical SA (11) AU-A-2021228199 (21) 2021228199 (22) 26.02.2021 (54) Package for retaining and dispensing a delivery shaft assembly for delivery of an implant (51) Int. Cl. A61F 2/16 (2006.01) (87) WO2021/170812 (31) 20159797.8 (32) 27.02.20 (33) EP (43) 02.09.2021 (72) DETRY, Benoit; BOUHY, Isabelle; UHR-LANDT, Stefan; GIROD, Adrien Bernard (74) WRAYS PTY LTD</p>	<p>(43) 26.08.2021 (72) WU, Tingting; YAN, Zhen; LIU, Xun (74) Davies Collison Cave Pty Ltd</p>	<p>(31) 16/794,710 (32) 19.02.20 (33) US (43) 26.08.2021 (72) WHEELER, Tim, Allan (74) Davies Collison Cave Pty Ltd</p>
<p>(71) Jabil Inc. (11) AU-A-2021221172 (21) 2021221172 (22) 15.02.2021 (54) Apparatus, system, and method for a phased array antenna for an autonomous robot (51) Int. Cl. B25J 9/16 (2006.01) B25J 13/08 (2006.01) H01Q 1/22 (2006.01) H01Q 21/06 (2006.01) (87) WO2021/163667 (31) 62/976,044 (32) 13.02.20 (33) US (43) 19.08.2021 (72) WABLE, Girish Satish; TIMMINS, Ian; RICHARDS, Nathaniel Patrick; JONES, Christopher (74) Griffith Hack</p>	<p>(71) Juno Therapeutics, Inc. (11) AU-A-2021214142 (21) 2021214142 (22) 27.01.2021 (54) Methods for T cell transduction (51) Int. Cl. C12N 5/00 (2006.01) C12N 5/0783 (2010.01) (87) WO2021/154887 (31) 62/967,005 (32) 28.01.20 (33) US (43) 05.08.2021 (72) HAIG, Neil; TEOH, Jeffrey (74) Davies Collison Cave Pty Ltd</p>	<p>(71) Komatsu Ltd. (11) AU-A-2021242899 (21) 2021242899 (22) 26.02.2021 (54) Tunnel excavation device (51) Int. Cl. E21D 9/06 (2006.01) E21D 9/10 (2006.01) (87) WO2021/192809 (31) 2020-058002 (32) 27.03.20 (33) JP (43) 30.09.2021 (72) SEKIYAMA, Naoki; ASANO, Hiroshi; ARAKAWA, Taku; TERADA, Shinichi; MORIOKA, Eiichi (74) Spruson & Ferguson</p>
<p>(71) JH Biotech, Inc. (11) AU-A-2020440911 (21) 2020440911 (22) 08.10.2020 (54) Biological fungicide composed by plant extracts (51) Int. Cl. A01N 65/08 (2009.01) A01P 3/00 (2006.01) (87) WO2021/206749 (31) 16/844,151 (32) 09.04.20 (33) US (43) 14.10.2021 (72) HO, Wang Ching; FENG, Ching Ting; HSU, Hsihung John (74) Spruson & Ferguson</p>	<p>(71) Kal Tire (11) AU-A-2021226151 (21) 2021226151 (22) 26.02.2021 (54) Remotely operable clamp device (51) Int. Cl. B60B 29/00 (2006.01) (87) WO2021/168579 (31) 3074366 (32) 28.02.20 (33) CA (43) 02.09.2021 (72) MCMUNN, Clayton Wilford Russell; EAGLETON, Miguel Paul (74) Spruson & Ferguson</p>	<p>(71) Koninklijke Douwe Egberts B.V. (11) AU-A-2021228171 (21) 2021228171 (22) 25.02.2021 (54) Improvements in or relating to capsule filling lines (51) Int. Cl. B67C 3/00 (2006.01) B08B 7/00 (2006.01) B08B 9/027 (2006.01) B65B 7/28 (2006.01) (87) WO2021/170728 (31) 2002788.4 (32) 27.02.20 (33) GB (43) 02.09.2021 (72) ROGERS, Neil; WAECHTER, Kornelius; JAETZLAU, Sven (74) Griffith Hack</p>
<p>(71) Jiangsu Hengrui Pharmaceuticals Co., Ltd.; Shanghai Hengrui Pharmaceutical Co., Ltd. (11) AU-A-2021223128 (21) 2021223128 (22) 19.02.2021 (54) Pharmaceutical composition containing anti-IL-4R antibody and use thereof (51) Int. Cl. A61K 39/395 (2006.01) A61K 47/26 (2006.01) A61P 11/06 (2006.01) C07K 16/28 (2006.01) (87) WO2021/164728 (31) 202010107765.0 (32) 21.02.20 (33) CN 202110145455.2 02.02.21 CN</p>	<p>(71) Kareliya, R. (11) AU-A-2020424571 (21) 2020424571 (22) 09.10.2020 (54) An apparatus for 360° revolving a fan (51) Int. Cl. F04D 25/10 (2006.01) (87) WO2021/149070 (31) 202021002485 (32) 21.01.20 (33) IN (43) 29.07.2021 (72) KARELIYA, Rohit Chunilal (74) Rohit Kareliya</p>	<p>(71) Korea Advanced Institute of Science and Technology (11) AU-A-2021215673 (21) 2021215673 (22) 05.02.2021 (54) Pulmonary surfactant particle loaded with nucleic acid or protein for inhaled delivery, and method for producing same (51) Int. Cl. A61K 9/127 (2006.01) A61K 9/00 (2006.01) A61K 38/17 (2006.01) A61P 35/00 (2006.01) (87) WO2021/158053 (31) 10-2020-0013867 (32) 05.02.20 (33) KR (43) 12.08.2021 (72) PARK, Ji Ho; OH, Chan Hee (74) FPA Patent Attorneys Pty Ltd</p>
<p>(71) Kitty Hawk Corporation (11) AU-A-2021224487 (21) 2021224487 (22) 01.02.2021 (54) Thrust allocation using optimization in a distributed flight control system (51) Int. Cl. B64D 31/12 (2006.01) B64C 29/00 (2006.01) B64D 27/24 (2006.01) (87) WO2021/167779</p>	<p>(71) Kim, C. (11) AU-A-2020434609 (21) 2020434609 (22) 20.08.2020 (54) Server and method for providing in-kind advertisement platform (51) Int. Cl. G06Q 30/02 (2012.01) (87) WO2021/182687 (31) 10-2020-0029623 (32) 10.03.20 (33) KR (43) 16.09.2021 (72) KIM, Chul Ho (74) Maxwells Patent & Trade Mark Attorneys Pty Ltd</p>	<p>(71) Kranendonk Beheersmaatschappij B.V. (11) AU-A-2021218633 (21) 2021218633 (22) 09.02.2021 (54) Method for coaxially welding two tubes together. (51) Int. Cl. B23K 33/00 (2006.01) B23K 9/028 (2006.01) (87) WO2021/162547 (31) 2024866 (32) 10.02.20 (33) NL</p>

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 (74) AJ PARK
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- (71) KUHN SAS
 (11) AU-A-2021210581
 (21) 2021210581 (22) 21.01.2021
 (54) Sprayer for spreading product(s)
 (51) Int. Cl.
A01M 7/00 (2006.01)
 (87) WO2021/148533
 (31) FR2000657 (32) 23.01.20 (33) FR
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 (72) GATEL, Yoann; LE BRIQUER, Stéphane
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- (71) Kverneland Group Nieuw-Vennep B.V.
 (11) AU-A-2021247504
 (21) 2021247504 (22) 31.03.2021
 (54) Method and measurement system for determining characteristics of particles of a bulk material
 (51) Int. Cl.
G06T 7/62 (2017.01)
A01C 7/10 (2006.01)
G06K 9/00 (2006.01)
G06T 7/80 (2017.01)
G06V 10/24 (2022.01)
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 (31) 20167901.6 (32) 03.04.20 (33) EP
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 (72) DE BOER, Bart
 (74) AJ Pietras IP Limited
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 (11) AU-A-2021206361
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 (54) Lid body
 (51) Int. Cl.
B65D 3/00 (2006.01)
B31B 50/74 (2017.01)
B65D 43/10 (2006.01)
B31B 110/20 (2017.01)
B31B 120/40 (2017.01)
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 (72) TAKANO, Akira
 (74) WRAYS PTY LTD
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- (71) Kyowa Kirin Co., Ltd.
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 (54) Bispecific antibody that binds to CD3
 (51) Int. Cl.
C12N 15/13 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C07K 16/18 (2006.01)
C07K 16/28 (2006.01)
C07K 16/46 (2006.01)
C12N 1/15 (2006.01)
- C12N 1/19* (2006.01)
C12N 1/21 (2006.01)
C12N 5/10 (2006.01)
C12N 15/63 (2006.01)
C12P 21/08 (2006.01)
G01N 33/574 (2006.01)
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 (72) NIWA, Rinpei; OGAWA, Shinya; WAJIMA, Mami; KUBOTA, Tsuguo
 (74) Spruson & Ferguson
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- (71) Labbé, A.
 (11) AU-A-2021228385
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 (54) Method, system, and medium for affective music recommendation and composition
 (51) Int. Cl.
G10L 25/63 (2013.01)
A61B 5/16 (2006.01)
A61M 21/02 (2006.01)
G10H 1/00 (2006.01)
 (87) WO2021/168563
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 (72) LABBÉ, Aaron
 (74) Halfords IP
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- (71) Landis+Gyr Innovations, Inc.
 (11) AU-A-2021213104
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 (54) Arc detection antenna in electric meter systems
 (51) Int. Cl.
G01R 15/18 (2006.01)
G01R 19/25 (2006.01)
G01R 22/06 (2006.01)
G01R 31/08 (2020.01)
G01R 31/12 (2020.01)
G01R 31/52 (2020.01)
H02H 1/00 (2006.01)
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 (43) 05.08.2021
 (72) BUSEKRUS, Doug; KRAUS, Matthew
 (74) Davies Collison Cave Pty Ltd
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- (71) Lanxess Solutions Australia Pty. Ltd.
 (11) AU-A-2021216149
 (21) 2021216149 (22) 05.02.2021
 (54) Polyurethane multi-part kit system
 (51) Int. Cl.
C08G 18/10 (2006.01)
C08K 3/36 (2006.01)
C08K 5/42 (2006.01)
C08L 75/08 (2006.01)
 (87) WO2021/155440
 (31) 62/971,275 (32) 07.02.20 (33) US
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 (72) TRAN, Loc; BUDD, Brett
 (74) Davies Collison Cave Pty Ltd
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- (71) Lawrence Livermore National Security, LLC; The Penn State Research Foundation
 (11) AU-A-2021218729
 (21) 2021218729 (22) 12.02.2021
 (54) Methods of sequestering target elements
 (51) Int. Cl.
C01F 17/10 (2020.01)
A61K 33/00 (2006.01)
A61K 47/62 (2017.01)
A61K 49/08 (2006.01)
A61K 51/08 (2006.01)
A61P 35/00 (2006.01)
C07K 14/195 (2006.01)
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 (31) 62/976,149 (32) 13.02.20 (33) US
 (43) 19.08.2021
 (72) DEBLONDE, Gauthier; JIAO, Yongqin; PARK, Dan McFarland; MATTOCKS, Joseph Anthony; COTRUVO Jr., Joseph Alfred
 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) Leading Edge Equipment Technologies, Inc.
 (11) AU-A-2021224210
 (21) 2021224210 (22) 19.02.2021
 (54) Controlling the thickness and width of a crystalline sheet formed on the surface of a melt using combined surface cooling and melt heating
 (51) Int. Cl.
C30B 11/00 (2006.01)
C30B 15/00 (2006.01)
C30B 15/06 (2006.01)
C30B 15/10 (2006.01)
C30B 15/14 (2006.01)
C30B 15/20 (2006.01)
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 (31) 62/978,536 (32) 19.02.20 (33) US
 (43) 26.08.2021
 (72) KELLERMAN, Peter; GREENLEE, Alison; DAGGOLU, Parthiv; MARTINEZ, Alexander; STODDARD, Nathan
 (74) DAVIS IP PTY LTD
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- (71) Leading Edge Equipment Technologies, Inc.
 (11) AU-A-2021224758
 (21) 2021224758 (22) 19.02.2021
 (54) Active edge control of a crystalline sheet formed on the surface of a melt
 (51) Int. Cl.
C30B 15/26 (2006.01)
C30B 11/00 (2006.01)
C30B 15/00 (2006.01)
C30B 15/06 (2006.01)
C30B 15/10 (2006.01)
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 (72) KELLERMAN, Peter; GREENLEE, Alison; DAGGOLU, Parthiv; MARTINEZ, Alexander
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 (54) New macrocyclic compounds, a process for their preparation and pharmaceutical compositions containing them
 (51) Int. Cl.
C07D 419/14 (2006.01)
A61K 31/4192 (2006.01)
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 (74) ALLENS PATENT & TRADE MARK ATTORNEYS
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- (71) LG Electronics Inc.
 (11) AU-A-2020420364
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 (54) Image decoding method using BDPCM and apparatus thereof
 (51) Int. Cl.
H04N 19/573 (2014.01)
H04N 19/132 (2014.01)
H04N 19/176 (2014.01)
H04N 19/186 (2014.01)
H04N 19/70 (2014.01)
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 (31) 62/959,767 (32) 10.01.20 (33) US
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 (72) CHOI, Jungah; YOO, Sunmi; LIM, Jaehyun; CHOI, Jangwon; KIM, Seunghwan
 (74) Dentons Patent Attorneys Australasia Limited
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- (71) LG Electronics Inc.
 (11) AU-A-2021207558
 (21) 2021207558 (22) 13.01.2021
 (54) Method and device for coding image/video on basis of prediction weighted table
 (51) Int. Cl.
H04N 19/70 (2014.01)
H04N 19/105 (2014.01)
H04N 19/132 (2014.01)
H04N 19/176 (2014.01)
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 (72) PALURI, Seethal; HENDRY, Hendry; ZHAO, Jie; KIM, Seunghwan
 (74) Dentons Patent Attorneys Australasia Limited
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- (71) LG Electronics Inc.
 (11) AU-A-2021207559
 (21) 2021207559 (22) 13.01.2021
 (54) Method and device for weighted prediction for image/video coding
 (51) Int. Cl.
H04N 19/70 (2014.01)
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 (31) 62/960,653 (32) 13.01.20 (33) US
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 (72) PALURI, Seethal; HENDRY, Hendry; ZHAO, Jie; KIM, Seunghwan
 (74) Dentons Patent Attorneys Australasia Limited
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- (71) LG Electronics Inc.
 (11) AU-A-2021232500
 (21) 2021232500 (22) 02.03.2021
 (54) Vacuum cleaner station, vacuum cleaner system, and method for controlling vacuum cleaner station
 (51) Int. Cl.
A47L 9/28 (2006.01)
A47L 9/10 (2006.01)
A47L 9/16 (2006.01)
A47L 9/22 (2006.01)
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 (72) KIM, Sungjun; SHIN, Jinhyouk; YANG, Ingyu; KIM, Youngsoo; RYU, Jungwan; WIE, Jaehyuk; LEE, Dongjae
 (74) Dentons Patent Attorneys Australasia Limited
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- (71) LumiraDx UK Ltd.
 (11) AU-A-2021207857
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 (54) Fluid control in microfluidic devices
 (51) Int. Cl.
B01L 3/00 (2006.01)
G01N 33/50 (2006.01)
G01N 33/569 (2006.01)
G01N 33/68 (2006.01)
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 (72) QUINLAN, Thomas J.; KHAN, Aman Murtaza; KHAN, Badr Aman; MCGUIGAN, Brian; TAYLOR, David William; LANG, David Kinniburgh; DEANE, John Iain William; FERNANDEZ DE SANNAMED, Lois Bello; FLETT, Michael; LOWE, Phill; KEATCH, Steven Alexander; KHAN, Usman Ali; SCOTT, Dave; LINDNER, Nigel Malcolm; TWOMEY, Marcus; MCINNES, Graeme John
 (74) FB Rice Pty Ltd
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- (71) Mareda, J.
 (11) AU-A-2021219581
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 (54) Novel electrochemical cells, stacks, modules and systems
 (51) Int. Cl.
C01B 3/02 (2006.01)
C01B 3/22 (2006.01)
C01B 3/24 (2006.01)
H01M 4/96 (2006.01)
H01M 8/08 (2016.01)
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 (43) 19.08.2021
 (72) MACEDA, Joseph Peter
 (74) Maxwells Patent & Trade Mark Attorneys Pty Ltd
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- (71) Magenta Therapeutics, Inc.
 (11) AU-A-2021224663
 (21) 2021224663 (22) 18.02.2021
 (54) Compositions and methods for allogeneic transplantation
 (51) Int. Cl.
C07K 16/28 (2006.01)
A61K 35/28 (2015.01)
A61P 37/06 (2006.01)
C07K 14/705 (2006.01)
C12N 5/0775 (2010.01)
 (87) WO2021/168128
 (31) 62/978,141 (32) 18.02.20 (33) US
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 (43) 26.08.2021
 (72) GILLARD, Geoffrey O.; PROCTOR, Jennifer Lynn; HYZY, Sharon; BOITANO, Anthony; COOKE, Michael
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) Marel Meat A/S
 (11) AU-A-2021224961
 (21) 2021224961 (22) 17.02.2021
 (54) Method and system for pre-stunning and/or stunning animals
 (51) Int. Cl.
A22B 3/00 (2006.01)
 (87) WO2021/165279
 (31) 20158117.0 (32) 19.02.20 (33) EP
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 (72) LYKKE, Leif; WEIHE, Steen Hegnsgaard
 (74) FB Rice Pty Ltd
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- (71) McNeil AB
 (11) AU-A-2021207267
 (21) 2021207267 (22) 14.01.2021
 (54) Product and manufacturing process for a gum
 (51) Int. Cl.
A61K 9/68 (2006.01)
A61K 31/155 (2006.01)
A61P 25/34 (2006.01)
 (87) WO2021/144365
 (31) 2050026-0 (32) 15.01.20 (33) SE
 (43) 22.07.2021
 (72) LINDELL, Katarina; THYRESSON, Kristina; NILGARD, Jill; EDMAN, Martin
 (74) Spruson & Ferguson

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 (21) 2021207268 (22) 14.01.2021
 (54) Lozenge
 (51) Int. Cl.
 A61K 9/00 (2006.01)
 A61K 9/24 (2006.01)
 A61K 31/155 (2006.01)
 A61P 25/34 (2006.01)
 (87) WO2021/144367
 (31) 2050030-2 (32) 15.01.20 (33) SE
 (43) 22.07.2021
 (72) THYRESSON, Kristina; LINDELL, Katarina
 (74) Spruson & Ferguson
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- (71) McNeil AB
 (11) AU-A-2021207269
 (21) 2021207269 (22) 14.01.2021
 (54) Product and method of manufacturing a gum
 (51) Int. Cl.
 A61P 25/34 (2006.01)
 A61K 9/00 (2006.01)
 A61K 31/155 (2006.01)
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 (87) WO2021/144370
 (31) 2050031-0 (32) 15.01.20 (33) SE
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 (72) LINDELL, Katarina; THYRESSON, Kristina; EDMAN, Martin; NILGARD, Jill
 (74) Spruson & Ferguson
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- (71) Medela Holding AG
 (11) AU-A-2021223172
 (21) 2021223172 (22) 19.02.2021
 (54) Breastpump unit and method of operation
 (51) Int. Cl.
 A61M 1/00 (2006.01)
 A61M 1/06 (2006.01)
 (87) WO2021/165892
 (31) 2020900501 (32) 21.02.20 (33) AU
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 (72) HÖNER, Sebastian; PAWLOWSKI, Jakub Piotr
 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) Medical Microinstruments, Inc.
 (11) AU-A-2021218253
 (21) 2021218253 (22) 09.02.2021
 (54) Robotic microsurgery assembly, operating arena and method
 (51) Int. Cl.
 A61B 34/37 (2016.01)
 A61B 34/00 (2016.01)
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- (43) 19.08.2021
 (72) BAGHERI GHAVIFEKR, Matteo; PINESCHI, Nicola; SIMI, Massimiliano; PRISCO, Giuseppe Maria
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- (71) Medical Microinstruments, Inc.
 (11) AU-A-2021219057
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 (54) Sterile adapter for a robotic surgery system, assembly, system and method
 (51) Int. Cl.
 A61B 34/30 (2016.01)
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 (87) WO2021/161184
 (31) 102020000002536 (32) 10.02.20 (33) IT
 (43) 19.08.2021
 (72) SIMI, Massimiliano; LAZZARI, Giorgio
 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) Medical Microinstruments, Inc.
 (11) AU-A-2021219105
 (21) 2021219105 (22) 10.02.2021
 (54) Master workstation for robotic surgery, sterile operatory field, surgical robotic system and method
 (51) Int. Cl.
 A61B 34/30 (2016.01)
 A61B 34/37 (2016.01)
 A61B 90/50 (2016.01)
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 A61B 90/60 (2016.01)
 A61B 34/00 (2016.01)
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 (54) Sterile master input handle assembly for a robotic surgery system and surgical drape for a sterile master input handle
 (51) Int. Cl.
 A61B 34/37 (2016.01)
 A61B 34/00 (2016.01)
 A61B 34/20 (2016.01)
 A61B 46/10 (2016.01)
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 (21) 2021219360 (22) 10.02.2021
 (54) Master workstation for robotic surgery, sterile operatory field, surgical robotic system and method
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- (51) Int. Cl.
 A61B 34/30 (2016.01)
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 (51) Int. Cl.
 A61B 34/37 (2016.01)
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 A61K 47/68 (2017.01)
 A61P 35/00 (2006.01)
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C07K 14/705 (2006.01)
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(51) Int. Cl.
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C30B 25/04 (2006.01)
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C30B 29/08 (2006.01)
C30B 29/40 (2006.01)
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H01L 39/24 (2006.01)
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F24F 13/20 (2006.01)
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F24F 110/10 (2018.01)
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 (74) FPA Patent Attorneys Pty Ltd
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A61L 27/36 (2006.01)
A61K 35/32 (2015.01)
A61L 27/40 (2006.01)
 C12N 5/071 (2010.01)
 C12N 5/073 (2010.01)
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C12N 5/10 (2006.01)
A61P 35/00 (2006.01)
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B01D 39/08 (2006.01)
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C12G 3/025 (2019.01)
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E02D 17/20 (2006.01)
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 (54) System and method for quantifying qualitative patient-reported data sets
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A61N 1/36 (2006.01)
A61B 5/00 (2006.01)
A61N 1/00 (2006.01)
A61N 1/04 (2006.01)
A61N 1/18 (2006.01)
G16H 40/63 (2018.01)
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B29C 51/10 (2006.01)
A47B 3/083 (2006.01)
A47B 13/08 (2006.01)
A47C 7/02 (2006.01)
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B65D 23/08 (2006.01)
C03C 17/00 (2006.01)
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 (54) Metal plate coating material and coated metal plate production method using same
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B05D 3/08 (2006.01)
B05D 7/14 (2006.01)
C09D 7/63 (2018.01)
C09D 7/65 (2018.01)
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E21B 21/08 (2006.01)
E21B 47/00 (2012.01)
G01F 1/30 (2006.01)
G01F 1/82 (2006.01)
G01F 1/84 (2006.01)
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 (51) Int. Cl.
C12N 1/14 (2006.01)
C07D 519/00 (2006.01)
C12N 3/00 (2006.01)
C12P 17/18 (2006.01)
C12R 1/645 (2006.01)
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A01N 25/02 (2006.01)
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C08J 3/24 (2006.01)
A61K 47/69 (2017.01)
C07H 5/06 (2006.01)
C08B 37/08 (2006.01)
C08L 5/08 (2006.01)
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G02C 7/02 (2006.01)
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G02B 5/00 (2006.01)
G02C 7/04 (2006.01)
 (87) WO2021/174289
 (31) 2020900607 (32) 01.03.20 (33) AU
 (43) 10.09.2021
 (72) BAKARAJU, Ravi Chandra; EHRMANN, Klaus
 (74) NTHALMIC HOLDING PTY LTD

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- (71) Ojjo, Inc.
 (11) AU-A-2021207686
 (21) 2021207686 (22) 15.01.2021
 (54) Systems, methods, and machines for constructing solar foundations
 (51) Int. Cl.
E02D 27/32 (2006.01)
E02D 7/00 (2006.01)
H02S 20/10 (2014.01)
 (87) WO2021/146606
 (31) 62/961,383 (32) 15.01.20 (33) US
 (43) 22.07.2021
 (72) WEST, Jack; ALMY, Charles; KRAFT, Steven; CAPSUTO, Ian; HUDSON, Tyrus
 (74) LAMINAR IP PTY LTD
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- (71) Opuz Pty Ltd
 (11) AU-A-2021214416
 (21) 2021214416 (22) 29.01.2021
 (54) A non-invasive continuous blood glucose monitor
 (51) Int. Cl.
A61B 5/053 (2021.01)
A61B 5/145 (2006.01)
 (87) WO2021/151154
 (31) 2020900228 (32) 29.01.20 (33) AU
 (43) 05.08.2021
 (72) NOMVAR, Mobin; COX, Shane; TELFER, Thomas; WANG, David
 (74) Spruson & Ferguson
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- (71) Orano Med
 (11) AU-A-2021220275
 (21) 2021220275 (22) 11.02.2021
 (54) Process for site-specific modification of an antibody
 (51) Int. Cl.
A61K 51/10 (2006.01)
A61P 35/00 (2006.01)
 (87) WO2021/160724
 (31) 20305138.8 (32) 13.02.20 (33) EP
 (43) 19.08.2021
 (72) STALLONS, Tania A.; TORGUE, Julien; KIEFER, Garry E.; ROJAS-QUIJANO, Federico
 (74) Davies Collison Cave Pty Ltd
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- (71) Oribiotech Ltd
 (11) AU-A-2021233197
 (21) 2021233197 (22) 09.03.2021
 (54) Fluid delivery consumable for delivering a fluid to a bioreactor
 (51) Int. Cl.
C12M 1/26 (2006.01)
B01L 3/02 (2006.01)
 (87) WO2021/181079
 (31) 2003403.9 (32) 09.03.20 (33) GB
 2019859.4 16.12.20 GB
 (43) 16.09.2021
 (72) LITTEN, Neil; SMITH, Richard; VERAITCH, Farlan; RAIMES, William
 (74) WRAYS PTY LTD
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- (71) Oribiotech Ltd
 (11) AU-A-2021234161
 (21) 2021234161 (22) 09.03.2021
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- (71) Oribiotech Ltd
 (11) AU-A-2021235239
 (21) 2021235239 (22) 09.03.2021
 (54) Delivery consumable for delivering a fluid to a bioreactor
 (51) Int. Cl.
C12M 1/00 (2006.01)
B01L 3/02 (2006.01)
C12M 1/26 (2006.01)
 (87) WO2021/181077
 (31) 2003403.9 (32) 09.03.20 (33) GB
 2019859.4 16.12.20 GB
 (43) 16.09.2021
 (72) VERAITCH, Farlan; SMITH, Richard; LITTEN, Neil; RAIMES, William
 (74) WRAYS PTY LTD
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- (71) Oribiotech Ltd
 (11) AU-A-2021235240
 (21) 2021235240 (22) 09.03.2021
 (54) Cell culture container
 (51) Int. Cl.
C12M 1/00 (2006.01)
C12M 1/04 (2006.01)
C12M 1/12 (2006.01)
 (87) WO2021/181080
 (31) 2003406.2 (32) 09.03.20 (33) GB
 2003403.9 09.03.20 GB
 2019859.4 16.12.20 GB
 (43) 16.09.2021
 (72) VERAITCH, Farlan; PALMER, Jason; AMINI, Arman; RAIMES, William
 (74) WRAYS PTY LTD
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- (71) Oribiotech Ltd
 (11) AU-A-2021235513
 (21) 2021235513 (22) 09.03.2021
 (54) An assembly
 (51) Int. Cl.
C12M 1/00 (2006.01)
C12M 1/04 (2006.01)
C12M 1/12 (2006.01)
C12M 3/00 (2006.01)
 (87) WO2021/181081
 (31) 2003403.9 (32) 09.03.20 (33) GB
 2019859.4 16.12.20 GB
 (43) 16.09.2021
 (72) VERAITCH, Farlan; RAIMES, William; GOWLER, Vincent; PALMER, Jason; LITTEN, Neil; SAWFORD, Michael
 (74) WRAYS PTY LTD
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- (71) Origen Power Ltd
 (11) AU-A-2021219987
 (21) 2021219987 (22) 11.02.2021
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- (54) A bioreactor for cell processing
 (51) Int. Cl.
C12M 1/00 (2006.01)
C12M 1/34 (2006.01)
 (87) WO2021/181078
 (31) 2003406.2 (32) 09.03.20 (33) GB
 (43) 16.09.2021
 (72) VERAITCH, Farlan; PALMER, Jason; GOWLER, Vince; RICKETT, Toby; RAIMES, William; AMINI, Arman
 (74) WRAYS PTY LTD
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- (71) Origen Power Ltd
 (11) AU-A-2021220323
 (21) 2021220323 (22) 11.02.2021
 (54) Process the generation of gaseous fuels
 (51) Int. Cl.
C10J 3/72 (2006.01)
C10K 3/04 (2006.01)
 (87) WO2021/161020
 (31) 2001960.0 (32) 13.02.20 (33) GB
 (43) 19.08.2021
 (72) KRUGER, Tim
 (74) Madderns Pty Ltd
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- (71) Origen Power Ltd
 (11) AU-A-2021220687
 (21) 2021220687 (22) 11.02.2021
 (54) Calcination process
 (51) Int. Cl.
B01D 53/34 (2006.01)
C01F 11/04 (2006.01)
 (87) WO2021/161021
 (31) 2001957.6 (32) 13.02.20 (33) GB
 (43) 19.08.2021
 (72) KRUGER, Tim
 (74) Madderns Pty Ltd
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- (71) Orthosoft ULC
 (11) AU-A-2021229915
 (21) 2021229915 (22) 02.03.2021
 (54) Systems and methods for robotic ankle arthroplasty
 (51) Int. Cl.
A61F 2/46 (2006.01)
A61B 17/15 (2006.01)
A61B 17/17 (2006.01)
A61B 34/20 (2016.01)
A61B 34/30 (2016.01)
A61B 90/50 (2016.01)
A61F 2/42 (2006.01)
 (87) WO2021/174346
 (31) 62/984,033 (32) 02.03.20 (33) US
 (43) 10.09.2021
 (72) HART, Cornelius; GIROUARD, Jean-François; KHATIBI, Bahareh; MENARD, Jeremie; BOU-FRANCIS, Antony
 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) OXZO S.A.
 (11) AU-A-2020418064
 (21) 2020418064 (22) 20.11.2020
 (54) A device for the injection of fluids into aquaculture cages in the sea, lakes, rivers or artificial containers
 (51) Int. Cl.
A01K 61/00 (2017.01)

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A01K 61/60 (2017.01)
A01K 63/04 (2006.01)
C02F 1/72 (2006.01)
C02F 1/74 (2006.01)
C02F 3/02 (2006.01)
C02F 3/12 (2006.01)
C02F 3/20 (2006.01)
C02F 7/00 (2006.01)
(87) WO2021/137038
(31) 62/956,942 **(32)** 03.01.20 **(33)** US
(43) 08.07.2021
(72) MARCUS DEL CAMPO, John Robert;
HUSAK SOTOMAYOR, Thomas Wen-
zel
(74) Spruson & Ferguson

(71) Oyagen, Inc.
(11) AU-A-2021217130
(21) 2021217130 **(22)** 03.02.2021
(54) Method for treating coronavirus infec-
tions
(51) Int. Cl.
A61K 31/706 (2006.01)
A61K 31/7056 (2006.01)
A61P 31/14 (2006.01)
(87) WO2021/158701
(31) 62/970,087 **(32)** 04.02.20 **(33)** US
62/987,846 10.03.20 US
63/009,972 14.04.20 US
(43) 12.08.2021
(72) SMITH, Harold C.; BENNETT, Ryan P.
(74) Spruson & Ferguson

(71) Oy Halton Group Ltd.
(11) AU-A-2021230350
(21) 2021230350 **(22)** 04.03.2021
(54) Area ventilation devices, systems, and
methods
(51) Int. Cl.
F24F 1/06 (2011.01)
F24F 1/46 (2011.01)
F24F 1/48 (2011.01)
F24F 7/10 (2006.01)
F24F 13/068 (2006.01)
(87) WO2021/178671
(31) 62/984,868 **(32)** 04.03.20 **(33)** US
(43) 10.09.2021
(72) LIVCHAK, Andrey V.
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Paige, Al, Inc.
(11) AU-A-2021213737
(21) 2021213737 **(22)** 27.01.2021
(54) Systems and methods for processing
electronic images for computational de-
tection methods
(51) Int. Cl.
G06V 10/26 (2022.01)
G06K 9/00 (2006.01)
(87) WO2021/154849
(31) 62/966,716 **(32)** 28.01.20 **(33)** US
(43) 05.08.2021
(72) ROTHROCK, Brandon; KANAN,
Christopher; VIRET, Julian; FUCHS,
Thomas; GRADY, Leo
(74) Davies Collison Cave Pty Ltd

(71) Paige, Al, Inc.
(11) AU-A-2021213741
(21) 2021213741 **(22)** 27.01.2021
(54) Systems and methods for delivery of di-
gital biomarkers and genomic panels
(51) Int. Cl.
G16H 30/40 (2018.01)
G16H 50/20 (2018.01)
(87) WO2021/154869
(31) 62/966,659 **(32)** 28.01.20 **(33)** US
(43) 05.08.2021
(72) SUE, Jilian; LOCKE, Jason;
SCHUEFFLER, Peter; KANAN, Chris-
topher; FUCHS, Thomas; GRADY, Leo
(74) Davies Collison Cave Pty Ltd

(71) Paros Bio, Inc.
(11) AU-A-2021213253
(21) 2021213253 **(22)** 29.01.2021
(54) Gene therapy for neurodegenerative
disorders using polynucleotide silencing
and replacement
(51) Int. Cl.
A61P 25/00 (2006.01)
A61P 25/28 (2006.01)
C12N 5/10 (2006.01)
C12N 15/86 (2006.01)
(87) WO2021/155296
(31) 62/968,707 **(32)** 31.01.20 **(33)** US
(43) 05.08.2021
(72) GANNON, Kimberley S.; HACKETT,
Neil R.; GOULET, Martin
(74) FB Rice Pty Ltd

(71) Pepsico, Inc.
(11) AU-A-2021228597
(21) 2021228597 **(22)** 19.02.2021
(54) Method for blow molding containers
(51) Int. Cl.
B29C 49/64 (2006.01)
B29C 43/36 (2006.01)
B29C 49/00 (2006.01)
B29C 49/02 (2006.01)
B29C 49/08 (2006.01)
B29C 49/28 (2006.01)
(87) WO2021/173448
(31) 16/803,354 **(32)** 27.02.20 **(33)** US
(43) 02.09.2021
(72) BHAT, Advait; DESHPANDE, Girish
Niikanth; MCKELVEY, David Robert
(74) Allens Patent & Trade Mark Attorneys

(71) PepsiCo, Inc.
(11) AU-A-2021220137
(21) 2021220137 **(22)** 04.02.2021
(54) Beverage dispenser with consumable
monitoring system
(51) Int. Cl.
B67D 1/08 (2006.01)
B67D 1/10 (2006.01)
(87) WO2021/162929
(31) 16/786,479 **(32)** 10.02.20 **(33)** US
(43) 19.08.2021
(72) KAMBLE, Rahul; ANSARI, Muhammad;
BAKHAREV, Aleksey
(74) ALLENS PATENT & TRADE MARK
ATTORNEYS

(71) PepsiCo, Inc.
(11) AU-A-2021220792
(21) 2021220792 **(22)** 10.02.2021
(54) Beverage cooler for providing super-
cooled or chilled beverages
(51) Int. Cl.
A47F 3/04 (2006.01)
F25D 23/02 (2006.01)
(87) WO2021/163176
(31) 202041005811 **(32)** 11.02.20 **(33)** IN
(43) 19.08.2021
(72) DESHPANDE, Prashant; BHUTANI,
Gurmeet Singh
(74) Allens Patent & Trade Mark Attorneys

(71) Perfuse Therapeutics, Inc.
(11) AU-A-2021217358
(21) 2021217358 **(22)** 03.02.2021
(54) Compositions for treatment of ocular
diseases
(51) Int. Cl.
C07D 413/12 (2006.01)
C07D 413/00 (2006.01)
C07D 413/14 (2006.01)
(87) WO2021/158663
(31) 62/971,002 **(32)** 06.02.20 **(33)** US
63/010,212 15.04.20 US
(43) 12.08.2021
(72) GURKAN, Sevgi; DING, Zhongli;
FLOYD, David
(74) Spruson & Ferguson

(71) Pfizer Inc.
(11) AU-A-2021224078
(21) 2021224078 **(22)** 17.02.2021
(54) Purification of saccharides
(51) Int. Cl.
C08B 37/00 (2006.01)
(87) WO2021/165847
(31) 62/980,134 **(32)** 21.02.20 **(33)** US
63/068,338 20.08.20 US
63/143,795 30.01.21 US
(43) 26.08.2021
(72) CHEN, Wei; CHU, Ling; MERCHANT,
Nishiith; MORAN, Justin Keith
(74) Davies Collison Cave Pty Ltd

(71) Philip Morris Products S.A.
(11) AU-A-2021225063
(21) 2021225063 **(22)** 19.02.2021
(54) Aerosol-generating article having
bridging element with basis weight
(51) Int. Cl.
A24D 1/20 (2020.01)
A24C 5/56 (2006.01)
A24D 1/02 (2006.01)
(87) WO2021/165509
(31) 20158535.3 **(32)** 20.02.20 **(33)** EP
(43) 26.08.2021
(72) CAMUS, Alexandre; CIFTCIOGLU, Yal-
in; LEKILI, Levent
(74) James & Wells Intellectual Property

(71) Pier Tech Systems LLC
(11) AU-A-2021218423
(21) 2021218423 **(22)** 12.02.2021

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- (54) Modular helical pier foundation support systems, assemblies and methods with snap-lock couplings
- (51) Int. Cl.
E02D 5/52 (2006.01)
E02D 5/56 (2006.01)
E02D 35/00 (2006.01)
- (87) WO2021/163486
(31) 62/976,442 (32) 14.02.20 (33) US
(43) 19.08.2021
(72) KAUFMAN, Kevin; WILKIS, Michael D.
(74) GLMR
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- (71) PI Industries Ltd.
(11) AU-A-2021222403
(21) 2021222403 (22) 17.02.2021
(54) 5-(3-(ethylsulfonyl)pyridin-2-yl)-pyrazolo[1,5-a]pyrimidine derivatives and related compounds as pesticide and insecticide agents for crop protection
- (51) Int. Cl.
C07D 487/04 (2006.01)
A01N 43/90 (2006.01)
- (87) WO2021/165834
(31) 202011006934 (32) 18.02.20 (33) IN
(43) 26.08.2021
(72) KUKREJA, Gagan; SUTHAR, Suresh Kumar; SINGH, Viraj; CHEEMALA, Narasimha Murthy; KAPE, Sandeep Ashok; SAXENA, Rohit; MAITY, Chandan; GADE, Vishwanath; SARAGUR, Ravikumar Suryanarayana; KLAUSENER, Alexander G.M.
(74) Spruson & Ferguson
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- (71) Pindrop Security, Inc.
(11) AU-A-2021231850
(21) 2021231850 (22) 04.03.2021
(54) Systems and methods of speaker-independent embedding for identification and verification from audio
- (51) Int. Cl.
G10L 17/00 (2013.01)
G06N 20/00 (2019.01)
G10L 15/00 (2013.01)
- (87) WO2021/178675
(31) 62/985,757 (32) 05.03.20 (33) US
(43) 10.09.2021
(72) PHATAK, Kedar; KHOURY, Elie
(74) RnB IP Pty Ltd
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- (71) Pindrop Security, Inc.
(11) AU-A-2021239845
(21) 2021239845 (22) 15.03.2021
(54) Graph-derived features for fraud detection
- (51) Int. Cl.
H04M 3/22 (2006.01)
G06N 99/00 (2019.01)
H04M 1/274 (2006.01)
H04M 3/42 (2006.01)
H04M 3/436 (2006.01)
- (87) WO2021/188427
(31) 62/990,909 (32) 17.03.20 (33) US
(43) 23.09.2021
(72) CASAL, Ricardo; WALKER, Theo; PATIL, Kailash; CORNWELL, John
(74) RnB IP Pty Ltd
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- (71) Plasser & Theurer Export Von Bahnbaumaschinen Gesellschaft m.b.H.
(11) AU-A-2021248432
(21) 2021248432 (22) 02.03.2021
(54) System for working on a track
- (51) Int. Cl.
E01B 27/16 (2006.01)
- (87) WO2021/197741
(31) 20167556.8 (32) 01.04.20 (33) EP
(43) 07.10.2021
(72) PHILIPP, Thomas
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71) Platefuse, Inc.
(11) AU-A-2021207473
(21) 2021207473 (22) 13.01.2021
(54) Platelet storage methods and compositions
- (51) Int. Cl.
A01N 1/02 (2006.01)
C07D 403/12 (2006.01)
- (87) WO2021/146343
(31) 62/961,602 (32) 15.01.20 (33) US
(43) 22.07.2021
(72) ZHENG, Yi; CANCELAS, Jose
(74) Davies Collison Cave Pty Ltd
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- (71) Poseida Therapeutics, Inc.
(11) AU-A-2021230361
(21) 2021230361 (22) 04.03.2021
(54) Compositions and methods for the treatment of Metabolic Liver Disorders
- (51) Int. Cl.
A61K 48/00 (2006.01)
C12N 9/10 (2006.01)
C12N 9/12 (2006.01)
C12N 15/86 (2006.01)
- (87) WO2021/178707
(31) 62/985,047 (32) 04.03.20 (33) US
63/121,488 04.12.20 US
(43) 10.09.2021
(72) JIANG, Jingjing; DOWN, Julian; LI, Xi-anghong; OSTERTAG, Eric M.
(74) FPA Patent Attorneys Pty Ltd
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- (71) Post Harvest Learning Pty Ltd
(11) AU-A-2021220662
(21) 2021220662 (22) 10.02.2021
(54) A gas monitor and method of detecting gas, including a ripening monitor
- (51) Int. Cl.
G01N 1/22 (2006.01)
G01N 27/04 (2006.01)
- (87) WO2021/159180
(31) 2020900352 (32) 10.02.20 (33) AU
(43) 19.08.2021
(72) POTAS, Michael; VOLKOV, Gennadiy; HATZIMAHALI, Alex; MATTHEWS, Alex; DUNFORD, Joshua; SHANNON, Jonathan; POTAS, Jason
(74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD
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- (71) PPG Industries Ohio, Inc.
(11) AU-A-2021225930
(21) 2021225930 (22) 26.02.2021
(54) Thermally conductive and electrically insulating powder coating compositions
- (51) Int. Cl.
C09D 5/03 (2006.01)
B05D 1/06 (2006.01)
C09D 163/00 (2006.01)
C09D 171/12 (2006.01)
- (87) WO2021/173941
(31) 62/981,741 (32) 26.02.20 (33) US
(43) 02.09.2021
(72) MA, Liang; MUNRO, Calum H.; POLLUM JR., Marvin M.; DEI, Daniel K.; WOODWORTH, Brian E.; SCHNEIDER, John R.; FRENCH, Maria S.; CONDIE, Allison G.; GONDER-JONES, Holli; APANIUS, Christopher; BANCROFT, Cassandra Noelle
(74) Minter Ellison
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- (71) Prestige Italia S.p.A.
(11) AU-A-2021240964
(21) 2021240964 (22) 23.03.2021
(54) Saddle for horse riding
- (51) Int. Cl.
B68C 1/02 (2006.01)
B68C 1/04 (2006.01)
- (87) WO2021/191207
(31) 102020000006154 (32) 24.03.20 (33) IT
102020000019090 04.08.20 IT
(43) 30.09.2021
(72) RASIA, Andrea
(74) Spruson & Ferguson
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- (71) PurLyte LLC
(11) AU-A-2021218678
(21) 2021218678 (22) 10.02.2021
(54) Multilayered electrolyte compositions and methods for their preparation and use
- (51) Int. Cl.
H01M 10/0565 (2010.01)
H01M 10/0567 (2010.01)
H01M 10/0568 (2010.01)
- (87) WO2021/163197
(31) 62/972,271 (32) 10.02.20 (33) US
(43) 19.08.2021
(72) PARKER, John Benjamin; BRACKMAN, Lee Christopher; DELBERT-ROBERTSON, Nicholas Ruffin
(74) FB Rice Pty Ltd
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- (71) Quantum-Si Incorporated
(11) AU-A-2021207501
(21) 2021207501 (22) 14.01.2021
(54) Integrated sensor for lifetime characterization
- (51) Int. Cl.
H01L 27/146 (2006.01)
- (87) WO2021/146473
(31) 62/961,133 (32) 14.01.20 (33) US
(43) 22.07.2021
(72) WEBSTER, Eric A.G.; CHOI, Chang-hoon; YANG, Dajiang; REARICK, Todd; PRESTON, Kyle; KABIRI, Ali; SCHMID, Gerard; WANG, Xin
(74) Davies Collison Cave Pty Ltd

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

- (71) Quantum-Si Incorporated
(11) AU-A-2021207634
(21) 2021207634 (22) 13.01.2021
(54) Amplitude-modulated laser
(51) Int. Cl.
H01S 3/00 (2006.01)
G01N 21/64 (2006.01)
H01S 3/08 (2006.01)
H01S 3/081 (2006.01)
H01S 3/102 (2006.01)
H01S 3/11 (2006.01)
H01S 3/02 (2006.01)
H01S 3/04 (2006.01)
H01S 3/06 (2006.01)
H01S 3/13 (2006.01)
H01S 3/16 (2006.01)
(87) WO2021/146346
(31) 62/961,179 (32) 14.01.20 (33) US
(43) 22.07.2021
(72) BELLOS, Michael; GORYAYNOV, Alexander; CIPRIANY, Benjamin; SHI, Xinghua; AHMAD, Faisal R.
(74) Davies Collison Cave Pty Ltd
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- (71) Quantum-Si Incorporated
(11) AU-A-2021207899
(21) 2021207899 (22) 14.01.2021
(54) Waveguide excitation uniformity
(51) Int. Cl.
G01N 21/64 (2006.01)
(87) WO2021/146477
(31) 62/960,954 (32) 14.01.20 (33) US
(43) 22.07.2021
(72) SCHMID, Gerard; HOSALI, Sharath; BEACH, James; PRESTON, Kyle; KABIRI, Ali; SHEN, Bing
(74) Davies Collison Cave Pty Ltd
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- (71) Quantum-Si Incorporated
(11) AU-A-2021209125
(21) 2021209125 (22) 14.01.2021
(54) Pulsed laser light source for producing excitation light in an integrated system
(51) Int. Cl.
G01N 21/64 (2006.01)
H01S 5/042 (2006.01)
(87) WO2021/146479
(31) 62/961,127 (32) 14.01.20 (33) US
(43) 22.07.2021
(72) SCHMID, Gerard; AHMAD, Faisal R.; BELLOS, Michael; CIPRIANY, Benjamin; PRESTON, Kyle; KABIRI, Ali; DYER, Mathew; ROTHBERG, Jonathan M.; REED, Brian; REARICK, Todd
(74) Davies Collison Cave Pty Ltd
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- (71) Quincy Bioscience, LLC
(11) AU-A-2021225815
(21) 2021225815 (22) 23.02.2021
(54) Apoaequorin and curcumin containing compositions and methods
(51) Int. Cl.
A61K 31/12 (2006.01)
A61K 38/17 (2006.01)
A61K 45/06 (2006.01)
A61P 3/14 (2006.01)
A61P 9/00 (2006.01)
A61P 21/00 (2006.01)
A61P 25/00 (2006.01)
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A61K 31/12 (2006.01)
A61K 38/17 (2006.01)
A61K 45/06 (2006.01)
A61P 3/14 (2006.01)
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C07C 23/24 (2006.01)
C07C 1/28 (2006.01)
C07C 13/605 (2006.01)
C07C 17/32 (2006.01)
C07C 17/363 (2006.01)
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A61K 31/7105 (2006.01)
A61K 31/7115 (2006.01)
A61K 31/712 (2006.01)
A61K 31/7125 (2006.01)
A61K 31/713 (2006.01)
A61P 31/14 (2006.01)
A61P 31/20 (2006.01)
C12N 15/11 (2006.01)
C12N 15/113 (2010.01)
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B60W 50/08 (2020.01)
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F41H 7/02 (2006.01)
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A01D 46/30 (2006.01)
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B25J 13/08 (2006.01)
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A61B 34/10 (2016.01)
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G01V 1/00 (2006.01)
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G21C 13/02 (2006.01)
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H02G 3/00 (2006.01)
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A23C 13/16 (2006.01)
A23C 19/032 (2006.01)
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A61K 39/395 (2006.01)
A61K 38/19 (2006.01)
A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
A61P 35/02 (2006.01)
C07K 16/28 (2006.01)
G01N 33/574 (2006.01)
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F21L 4/08 (2006.01)
B65D 25/20 (2006.01)
B65D 25/30 (2006.01)
F21L 2/00 (2006.01)
F21V 23/04 (2006.01)
H02J 7/00 (2006.01)
F21Y 115/10 (2016.01)
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C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
A61P 37/02 (2006.01)
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C07D 487/04 (2006.01)
A61K 31/4162 (2006.01)
A61K 31/4188 (2006.01)
A61K 31/444 (2006.01)
A61P 1/04 (2006.01)
A61P 25/04 (2006.01)
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C12Q 1/68 (2018.01)
C07K 14/485 (2006.01)
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F21S 4/24 (2016.01)
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G01M 13/021 (2019.01)
G01N 21/88 (2006.01)
G01N 27/90 (2021.01)
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A61K 9/70 (2006.01)
A61L 15/16 (2006.01)
A61L 15/28 (2006.01)
A61L 15/42 (2006.01)
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H02J 3/00 (2006.01)
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C07K 5/02 (2006.01)
C07C 211/35 (2006.01)
C07C 211/63 (2006.01)
C07C 271/22 (2006.01)
C07D 207/08 (2006.01)
C07K 5/062 (2006.01)
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C11C 1/00 (2006.01)
A23L 33/12 (2016.01)
C11C 1/02 (2006.01)
C11C 1/08 (2006.01)
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(51) Int. Cl.
C11C 1/00 (2006.01)
A23L 33/12 (2016.01)
C11C 1/02 (2006.01)
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(51) Int. Cl.
C11C 1/00 (2006.01)
A23L 33/12 (2016.01)
C11B 5/00 (2006.01)
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C12N 15/70 (2006.01)
C12N 1/20 (2006.01)
C12N 15/11 (2006.01)
C12N 15/74 (2006.01)
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(54) Depth penetration limiter for a tissue repair device
(51) Int. Cl.
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G16H 20/60 (2018.01)
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(51) Int. Cl.
C12P 7/64 (2006.01)
A23L 33/00 (2016.01)
A23L 33/115 (2016.01)
C11C 1/04 (2006.01)
C11C 3/00 (2006.01)
C11C 3/04 (2006.01)
C12N 9/20 (2006.01)
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C11C 3/00 (2006.01)
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 viral infections of the respiratory system
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 probiotic bacterial strains for oral use
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 the treatment of vitamin D deficiency,
 and disorders associated therewith
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A61K 35/745 (2015.01)
A61K 35/747 (2015.01)
A61P 3/02 (2006.01)
A61P 3/04 (2006.01)
A61P 3/10 (2006.01)
A61P 9/00 (2006.01)
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C12N 1/00 (2006.01)
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C12Q 1/00 (2006.01)
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G01N 15/02 (2006.01)
B03D 1/22 (2006.01)
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A61P 3/00 (2006.01)
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 C07H 21/04 (2006.01)
 C12N 5/071 (2010.01)
 C12N 5/16 (2006.01)
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 G07F 17/32 (2006.01)
 A63F 5/00 (2006.01)
 A63F 9/04 (2006.01)
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 G01C 11/02 (2006.01)
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 A61K 51/08 (2006.01)
 A61K 49/00 (2006.01)
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 A61P 35/00 (2006.01)
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 H01M 10/04 (2006.01)
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 (21) 2021228414 (22) 22.02.2021
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 D04H 3/04 (2012.01)
 B29B 11/16 (2006.01)
 B32B 5/26 (2006.01)
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 C07D 207/16 (2006.01)
 A61K 31/4025 (2006.01)
 A61P 35/00 (2006.01)
 A61P 37/00 (2006.01)
 C07D 401/06 (2006.01)
 C07D 401/12 (2006.01)
 C07D 401/14 (2006.01)
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 F16K 31/64 (2006.01)
 F03G 7/06 (2006.01)
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 (74) FPA Patent Attorneys Pty Ltd
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 C12Q 1/686 (2018.01)
 C12Q 1/6827 (2018.01)
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 C12N 15/00 (2006.01)
 C07K 14/00 (2006.01)
 C12N 9/00 (2006.01)
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A61P 27/16 (2006.01)
C07D 471/04 (2006.01)
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A61K 39/385 (2006.01)
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A61K 39/215 (2006.01)
A61P 31/04 (2006.01)
A61P 31/14 (2006.01)
A61P 31/20 (2006.01)
A61P 35/00 (2006.01)
C07K 14/025 (2006.01)
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H01M 4/42 (2006.01)
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C01B 3/50 (2006.01)
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C10G 3/00 (2006.01)
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A01D 41/12 (2006.01)
A01F 12/48 (2006.01)
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C07K 14/55 (2006.01)
A61K 47/64 (2017.01)
A61K 47/65 (2017.01)
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C07K 14/715 (2006.01)
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- (71) Turun Yliopisto
 (11) AU-A-2021214875
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 (54) Complex oxide memristive material, memristor comprising such material, and fabrication thereof
 (51) Int. Cl.
H01L 45/00 (2006.01)
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 (31) 20205101 (32) 31.01.20 (33) FI
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 (72) PATURI, Petriina; SCHULMAN, Alejandro; HUHTINEN, Hannu; LÄHTEENLAHTI, Ville; BEIRANVAND, Azar
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 (11) AU-A-2021209111
 (21) 2021209111 (22) 15.01.2021
 (54) Forecasting requests based on context data for a network-based service
 (51) Int. Cl.
G06Q 10/04 (2012.01)
G06Q 10/06 (2012.01)
G06Q 50/30 (2012.01)
 (87) WO2021/146584
 (31) 16/746,694 (32) 17.01.20 (33) US
 (43) 22.07.2021
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 (74) RnB IP Pty Ltd
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- (71) UCL Business Ltd
 (11) AU-A-2021211150
 (21) 2021211150 (22) 22.01.2021
 (54) Method of diagnosis
 (51) Int. Cl.
G06K 9/00 (2006.01)
A61K 49/00 (2006.01)
G06K 9/62 (2006.01)
 (87) WO2021/148653
 (31) 2000926.2 (32) 22.01.20 (33) GB
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 (72) CORDEIRO, Maria Francesca; MADISON, John
 (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD
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- (71) Universidad Carlos III de Madrid; Centro de Investigaciones Energéticas, Medio Ambientales y Tecnológicas, O.A., M.P.; Consorcio Centro de Investigación Biomédica en Red; Fundación Instituto Investigación Sanitaria Jiménez Díaz; Stanford University
 (11) AU-A-2021209824
 (21) 2021209824 (22) 20.01.2021
- (54) Gene editing for the treatment of Epidermolysis Bullosa
 (51) Int. Cl.
C12N 15/113 (2010.01)
C12N 15/63 (2006.01)
 (87) WO2021/148483
 (31) 20382027.9 (32) 20.01.20 (33) EP
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 (72) BONAFONT ARAGÓ, José; LARCHER LAGUZZI, Fernando; MURILLAS ANGOITI, Rodolfo; DEL RÍO NECHAEVSKY, Marcela; MENCÍA RODRIGUEZ, Ángeles; GARCÍA DíEZ, Marta; ESCÁMEZ TOLEDANO, María José; PORTEUS, Matthew
 (74) Spruson & Ferguson
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- (71) University of Sheffield
 (11) AU-A-2021251429
 (21) 2021251429 (22) 09.04.2021
 (54) Gene therapy treatment
 (51) Int. Cl.
A01K 67/027 (2006.01)
A61K 48/00 (2006.01)
 (87) WO2021/205028
 (31) 2005321.1 (32) 09.04.20 (33) GB
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 (72) AZZOUZ, Mimoun; SCARROTT, Joseph; KARYKA, Evangelia
 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) University of Southern California
 (11) AU-A-2021237570
 (21) 2021237570 (22) 16.03.2021
 (54) Novel antigen binding domains and synthetic antigen receptors incorporating the same
 (51) Int. Cl.
A61K 38/00 (2006.01)
A61K 39/00 (2006.01)
A61P 35/00 (2006.01)
C07K 14/705 (2006.01)
 (87) WO2021/188599
 (31) 62/990,396 (32) 16.03.20 (33) US
 (43) 23.09.2021
 (72) CHAUDHARY, Preet M.
 (74) Origin Patent and Trade Mark Attorneys
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- (71) Uniwersytet Warszawski; ExploRNA Therapeutics Sp. z o.o.
 (11) AU-A-2021219237
 (21) 2021219237 (22) 12.02.2021
 (54) Novel mRNA 5'-end cap analogs modified within phosphate residues, rna molecule incorporating the same, uses thereof and method of synthesizing RNA molecule or peptide
 (51) Int. Cl.
C07H 21/04 (2006.01)
C12N 15/113 (2010.01)
C12P 19/34 (2006.01)
 (87) WO2021/162566
 (31) P.432884 (32) 12.02.20 (33) PL
- (43) 19.08.2021
 (72) WARMIŃSKI, Macin; SIKORSKI, Paweł; KOWALSKA, Joanna; JEMIELITY, Jacek
 (74) ALLENS PATENT & TRADE MARK ATTORNEYS
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- (71) Uniwersytet Warszawski; ExploRNA Therapeutics Sp. z o.o.
 (11) AU-A-2021219563
 (21) 2021219563 (22) 12.02.2021
 (54) Novel mRNA 5'-end cap analogs, RNA molecule incorporating the same, uses thereof and method of synthesizing RNA molecule or peptide
 (51) Int. Cl.
C07H 21/04 (2006.01)
C12N 15/113 (2010.01)
C12P 19/34 (2006.01)
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 (54) Compounds for inhibition of fibroblast activation protein
 (51) Int. Cl.
C07D 401/12 (2006.01)
A61K 51/04 (2006.01)
A61P 35/00 (2006.01)
C07D 401/14 (2006.01)
C07K 5/062 (2006.01)
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 (31) PV 2020-177 (32) 30.03.20 (33) CZ
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- (71) Verifi Technologies, LLC
 (11) AU-A-2021248492
 (21) 2021248492 (22) 29.03.2021
 (54) System and method for portable ultrasonic testing
 (51) Int. Cl.
G01N 29/22 (2006.01)
G01N 29/02 (2006.01)
 (87) WO2021/202374
 (31) 63/001,608 (32) 30.03.20 (33) US
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 (74) Collison & Co

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- (71) Verona Pharma PLC
(11) AU-A-2021227456
(21) 2021227456 (22) 26.02.2021
(54) Liquid pharmaceutical composition comprising ensifentrine and glycopyrrolate
(51) Int. Cl.
A61K 9/10 (2006.01)
A61K 31/40 (2006.01)
A61K 31/519 (2006.01)
A61K 47/14 (2017.01)
A61P 11/00 (2006.01)
(87) WO2021/171034
(31) 2002786.8 (32) 27.02.20 (33) GB
(43) 02.09.2021
(72) SPARGO, Peter Lionel; HAYWOOD, Phillip Andrew; FRENCH, Edward James
(74) Davies Collison Cave Pty Ltd
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- (71) Versitech Limited
(11) AU-A-2021222163
(21) 2021222163 (22) 04.02.2021
(54) PD1-based vaccination composition and methods thereof
(51) Int. Cl.
C12N 15/62 (2006.01)
A61K 39/00 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
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(72) CHEN, Zhiwei; TAN, Zhiwu
(74) Spruson & Ferguson
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- (71) W. L. Gore & Associates, Inc.
(11) AU-A-2021207486
(21) 2021207486 (22) 14.01.2021
(54) Medical implant comprising two frame components and pairs of eyelets
(51) Int. Cl.
A61B 17/00 (2006.01)
(87) WO2021/146405
(31) 62/962,541 (32) 17.01.20 (33) US
(43) 22.07.2021
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(74) Griffith Hack
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- (71) W. L. Gore & Associates, Inc.
(11) AU-A-2021207646
(21) 2021207646 (22) 14.01.2021
(54) Medical devices for shunts, occluders, fenestrations and related systems and methods
(51) Int. Cl.
A61B 17/00 (2006.01)
A61B 17/11 (2006.01)
A61F 2/06 (2013.01)
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(31) 62/962,540 (32) 17.01.20 (33) US
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(72) COLE, Daniel S.; MCDANIEL, Tom R.; SHAW, Edward E.; SMITH, Benjamin A.; VEITH, McKenzie; HAARSTAD, Phil; JAEGER, Jacob
(74) Griffith Hack
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- (71) W. L. Gore & Associates, Inc.
(11) AU-A-2021210868
(21) 2021210868 (22) 20.01.2021
(54) Endoprostheses with interlocking stents having varying stiffness
(51) Int. Cl.
A61F 2/07 (2013.01)
A61F 2/89 (2013.01)
A61F 2/30 (2006.01)
A61F 2/82 (2013.01)
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(31) 62/963,917 (32) 21.01.20 (33) US
(43) 29.07.2021
(72) SILVERMAN, James D.; SKELTON, Tyson J.
(74) Griffith Hack
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- (71) Waldemar Link GmbH & Co. KG
(11) AU-A-2021225337
(21) 2021225337 (22) 24.02.2021
(54) Extracorporeally length-adjustable implant system, and length-adjustable implant component
(51) Int. Cl.
A61B 17/72 (2006.01)
A61F 2/38 (2006.01)
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(31) 20159426.4 (32) 25.02.20 (33) EP
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(72) FISCHER, Hans-Joachim; LINK, Helmut D.
(74) Michael Buck IP
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(11) AU-A-2021347778
(21) 2021347778 (22) 28.09.2021
(54) Metal (hydr)oxide composite comprising poorly soluble drug, method for manufacturing same, and pharmaceutical composition comprising same
(51) Int. Cl.
A61K 9/14 (2006.01)
A61K 9/16 (2006.01)
A61K 31/167 (2006.01)
A61P 31/12 (2006.01)
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(72) KIM, Ho Jun; JIN, Geun Woo; KIM, Ki Yeok
(74) H & H Lawyers
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- (71) Well Cleanup AS
(11) AU-A-2021223210
(21) 2021223210 (22) 12.02.2021
(54) A method and a system for transferring fluid
(51) Int. Cl.
B67D 9/00 (2010.01)
B63B 27/24 (2006.01)
E21B 33/035 (2006.01)
(87) WO2021/167467
(31) 20200224 (32) 21.02.20 (33) NO
(43) 26.08.2021
(72) AUNVIK, Thomas; RISETH, Roar Førland
(74) BRM Patent Attorneys Pty Ltd
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- (71) Wickenberg, L.
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(21) 2021220965 (22) 12.02.2021
(54) Detection of mycobacterium on growth media
(51) Int. Cl.
C12M 1/00 (2006.01)
C12M 1/34 (2006.01)
C12Q 1/04 (2006.01)
C12Q 1/68 (2018.01)
C12Q 1/70 (2006.01)
G01N 1/30 (2006.01)
G01N 33/48 (2006.01)
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(31) 62/976,631 (32) 14.02.20 (33) US
17/172,726 10.02.21 US
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(72) WICKENBERG, Leah, P.; CHHABRA, Avneet, K; FISHER, Katherine, E.; MCCOY, William, F.
(74) Freshwater IP
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- (71) Wöhr Autoparksysteme GmbH
(11) AU-A-2020426595
(21) 2020426595 (22) 28.10.2020
(54) Parking facility for motor vehicles
(51) Int. Cl.
E04H 6/22 (2006.01)
(87) WO2021/151533
(31) 10 2020 102 244.1 (32) 30.01.20 (33) DE
(43) 05.08.2021
(72) ZANGERLE, Andreas
(74) Davies Collison Cave Pty Ltd
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- (71) Wonderland Switzerland AG
(11) AU-A-2021220531
(21) 2021220531 (22) 09.02.2021
(54) Stroller
(51) Int. Cl.
B62B 9/24 (2006.01)
(87) WO2021/160578
(31) 202020173724.7 (32) 16.02.20 (33) CN
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(72) SUN, Mingxing; HU, Shoufeng
(74) Griffith Hack
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- (71) Wonderland Switzerland AG
(11) AU-A-2021225003
(21) 2021225003 (22) 22.02.2021
(54) Playard with compact folded configuration and storage latch
(51) Int. Cl.
A47D 13/06 (2006.01)

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 (74) PIPERS
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- (71) Worldwide Oilfield Machine, Inc.
 (11) AU-A-2021207453
 (21) 2021207453 (22) 12.01.2021
 (54) Gate valve
 (51) Int. Cl.
F16K 3/02 (2006.01)
F16J 15/16 (2006.01)
F16K 3/312 (2006.01)
- (87) WO2021/146178
 (31) 62/961,452 (32) 15.01.20 (33) US
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 16/885,721 28.05.20 US
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 (72) KALIMUTHU, Anand
 (74) Spruson & Ferguson
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- (71) Wright Medical Technology, Inc.
 (11) AU-A-2021214578
 (21) 2021214578 (22) 29.01.2021
 (54) Improved bone graft substitute formulation
 (51) Int. Cl.
A61L 27/02 (2006.01)
A61L 27/12 (2006.01)
A61L 27/36 (2006.01)
A61L 27/42 (2006.01)
A61L 27/58 (2006.01)
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 (72) BLUM, Barbara E.; MOSELEY, Jon P.
 (74) FB Rice Pty Ltd
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- (71) Xero Limited
 (11) AU-A-2021255654
 (21) 2021255654 (22) 14.04.2021
 (54) Systems and methods for determining entity attribute representations
 (51) Int. Cl.
G06F 16/28 (2019.01)
G06N 5/02 (2006.01)
G06N 20/00 (2019.01)
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 (72) POLACZUK, Maksymilian Clark; HERMANN, Christopher Darius; LEATHART, Timothy Matthew; PATEL, Divya Jitesh
 (74) FB Rice Pty Ltd
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- (71) XORIA LIMITED
 (11) AU-A-2021230439
 (21) 2021230439 (22) 05.03.2021
 (54) Health and safety management system
 (51) Int. Cl.
G06Q 10/06 (2012.01)
G05B 19/048 (2006.01)
- (87) WO2021/176405
 (31) 762420 (32) 06.03.20 (33) NZ
- (43) 10.09.2021
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 (74) AJ PARK
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- (71) YAFEI SHANGHAI BIOLOGY MEDICINE SCIENCE & TECHNOLOGY CO., LTD.
 (11) AU-A-2021222203
 (21) 2021222203 (22) 20.02.2021
 (54) Preparation and use of immunostimulatory coupling complex which is delivered and activated in targeted manner
 (51) Int. Cl.
C07K 5/083 (2006.01)
A61K 31/704 (2006.01)
A61P 35/00 (2006.01)
C07K 5/093 (2006.01)
C07K 5/103 (2006.01)
- (87) WO2021/164765
 (31) 202010106067.9 (32) 20.02.20 (33) CN
 (43) 26.08.2021
 (72) LIU, Chen; LIU, Yuan; WANG, Haiyang
 (74) WRAYS PTY LTD
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- (71) Yield10 Bioscience, Inc.
 (11) AU-A-2021224206
 (21) 2021224206 (22) 19.02.2021
 (54) Genetically engineered plants that express 6-phosphogluconate dehydratase and/or 2-keto-3-deoxy-6-phosphogluconate aldolase
 (51) Int. Cl.
C12N 15/82 (2006.01)
C12N 9/00 (2006.01)
- (87) WO2021/168224
 (31) 62/979,198 (32) 20.02.20 (33) US
 (43) 26.08.2021
 (72) SKRALY, Frank Anthony; TANG, Jihong; SNELL, Kristi D.
 (74) AJ PARK
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- (71) Yield Systems Oy
 (11) AU-A-2021226805
 (21) 2021226805 (22) 19.02.2021
 (54) A phenotyping device, method and system for measuring phenotypic traits of one or more plants in a target canopy
 (51) Int. Cl.
A01D 46/28 (2006.01)
A01G 7/06 (2006.01)
G06T 7/00 (2017.01)
- (87) WO2021/170498
 (31) 20205209 (32) 28.02.20 (33) FI
 (43) 02.09.2021
 (72) NGUYEN, Linh; SEPPÄLÄ, Simo; WAGNER, Paul; JUNTUNEN, Harri; GILLBERG, Jussi
 (74) Collison & Co
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- (71) Zimeno, Inc. DBA Monarch Tractor
 (11) AU-A-2021207505
 (21) 2021207505 (22) 15.01.2021
 (54) Vehicle control by a remote operator
 (51) Int. Cl.
- G05D 1/02* (2020.01)
G06F 21/31 (2013.01)
- (87) WO2021/146493
 (31) 62/962,752 (32) 17.01.20 (33) US
 17/114,231 07.12.20 US
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 (72) WHITNEY, Christopher Travis; VARMA BHUPATIRAJU, Rama Venkata Surya Kumar; MOHAMMED, Mizbauddin; REDDY, Bhargav Ramakrishna; PENMETSA, Praveen V.; OMOHUNDRO, Zachary M.
 (74) James & Wells Intellectual Property
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- (71) Zimeno, Inc. DBA Monarch Tractor
 (11) AU-A-2021208564
 (21) 2021208564 (22) 15.01.2021
 (54) Adjustable height sensor roof
 (51) Int. Cl.
B62D 63/02 (2006.01)
B60R 16/02 (2006.01)
B62D 25/06 (2006.01)
- (87) WO2021/146510
 (31) 62/962,752 (32) 17.01.20 (33) US
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 (72) PENMETSA, Praveen Varma; OMOHUNDRO, Zachary Meyer; WHITNEY, Christopher Travis; VARMA BHUPATIRAJU, Rama Venkata Surya Kumar; MOHAMMED, Mizbauddin; REDDY, Bhargav Ramakrishna
 (74) James & Wells Intellectual Property
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- (71) Zoono Group Ltd.; Zoono Holdings USA LLC
 (11) AU-A-2021273543
 (21) 2021273543 (22) 30.04.2021
 (54) Surface disinfectant and hand sanitizer combatting contact spread
 (51) Int. Cl.
A01N 33/12 (2006.01)
- (31) 17/180,161 (32) 19.02.21 (33) US
 (43) 08.09.2022
 (72) HYSLOP, Paul
 (74) AJ PARK

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2020418064	OXZO S.A.	2021208113	Shanghai Haiyan Pharmaceutical Technology Co., Ltd.; Yangtze River Pharmaceutical Group Co., Ltd.
2020420364	LG Electronics Inc.	2021208280	Evonik Operations GmbH
2020421062	Fundação Noras	2021208284	Evonik Operations GmbH
2020421461	Techtronic Cordless GP	2021208518	SCHOTT AG
2020422436	Chen, R.; Lin, C.	2021208553	Trutino Biosciences Inc.
2020423319	Helitak Fire Fighting Equipment Pty Ltd	2021208554	Ancora Heart, Inc.
2020423596	Hanmi Pharm. Co., Ltd.	2021208564	Zimeno, Inc. DBA Monarch Tractor
2020424571	Kareliya, R.	2021208627	Ecogensus LLC
2020426595	Wöhr Autoparksysteme GmbH	2021208641	Thorpe, C.
2020426953	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2021208652	Cisco Technology, Inc.
2020428327	Nippon Telegraph and Telephone Corporation	2021208710	AMT Remediation Pty Ltd
2020428822	Seoul Robotics Co., Ltd.	2021208776	Shanghai Golden Leaf Med Tec Co., Ltd.
2020428938	Anduril Industries Inc.	2021209070	Thunderzee Industry Co., Ltd.
2020428944	Boston Scientific Neuromodulation Corporation	2021209111	Uber Technologies, Inc.
2020429019	Institute of Microbiology, Chinese Academy of Sciences	2021209125	Quantum-Si Incorporated
2020429359	Classys Inc.	2021209696	Engene, Inc.
2020430154	Mitsubishi Electric Corporation	2021209785	Siemens Aktiengesellschaft
2020431093	Mitsubishi Electric Corporation	2021209824	Universidad Carlos III de Madrid; Centro de Investigaciones Energéticas, Medio Ambientales y Tecnológicas, O.A., M.P.; Consorcio Centro de Investigación Biomédica en Red; Fundación Instituto Investigación Sanitaria Jiménez Díaz; Stanford University
2020431597	Mitsubishi Electric Corporation	2021210001	Chirongen (Proprietary) Limited
2020432229	Hitachi Energy Switzerland AG	2021210145	Heerema Marine Contractors Nederland SE
2020432994	Mitsubishi Electric Corporation	2021210313	C4U Corporation; Osaka University
2020433708	Husqvarna AB	2021210477	CSPC Zhongqi Pharmaceutical Technology (Shijiazhuang) Co., Ltd.
2020434523	Mitsubishi Electric Corporation	2021210489	Shanghai Synvida Biotechnology Co. Ltd.
2020434609	Kim, C.	2021210581	KUHN SAS
2020439803	Shenzhen Shokz Co., Ltd.	2021210868	W. L. Gore & Associates, Inc.
2020440536	Aichi Steel Corporation; Tokushima University	2021211150	UCL Business Ltd
2020440911	JH Biotech, Inc.	2021211392	Microbio Pty Ltd
2020446656	Halliburton Energy Services, Inc.	2021211553	Chugai Seiyaku Kabushiki Kaisha
2021204581	SenseTime International Pte. Ltd.	2021211871	AstraZeneca AB
2021205410	Aprikyan, A.	2021211892	MedImmune Limited
2021205422	Inscripta, Inc.	2021212182	EmNet, LLC
2021205649	BW Technologies Ltd; Grant, J.	2021212193	Seagen Inc.; Celgene Corporation
2021205866	The University of Queensland	2021212606	ARRIS Enterprises LLC
2021206016	ES · FOR · IN SE	2021213062	AdvanSix Resins & Chemicals LLC
2021206287	Selevan, A.; Selevan, J.	2021213077	SiliCycle Inc.
2021206307	SiVEC Biotechnologies LLC	2021213078	SiliCycle Inc.
2021206361	KY7 Inc.	2021213104	Landis+Gyr Innovations, Inc.
2021207155	Northwest University	2021213237	Embody, Inc.
2021207267	McNeil AB	2021213253	Paros Bio, Inc.
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2021207305	Assa Abloy AB	2021213737	Paige.AI, Inc.
2021207338	Shumka, T.; Shumka, J.	2021213739	Microsoft Technology Licensing, LLC
2021207389	De Wet, P.	2021213741	Paige. AI, Inc.
2021207400	Axon Enterprise, Inc.	2021213783	Duke University; The Regents of the University of California
2021207415	Immunity Pharma Ltd.	2021213898	Fresenius Medical Care Deutschland GmbH
2021207433	Cisco Technology, Inc.	2021214117	Sekisui House, Ltd.
2021207453	Worldwide Oilfield Machine, Inc.	2021214142	Juno Therapeutics, Inc.
2021207473	Platfuse, Inc.	2021214416	Opuz Pty Ltd
2021207486	W. L. Gore & Associates, Inc.	2021214417	Sideris, A.; Thomson, K.; Havas, T.
2021207487	MX3 Diagnostics, Inc.	2021214420	Hayes, K.; Campbell, R.
2021207501	Quantum-Si Incorporated	2021214454	SiliCycle Inc.
2021207505	Zimeno, Inc. DBA Monarch Tractor	2021214578	Wright Medical Technology, Inc.
2021207558	LG Electronics Inc.	2021214875	Turun Yliopisto
2021207559	LG Electronics Inc.	2021214893	SFS Group Fastening Technology Ltd
2021207577	Medline Industries, Inc.	2021214938	Corcept Therapeutics Incorporated
2021207614	Rani Therapeutics, LLC	2021215004	Aqua Manager ApS
2021207625	Scioto Biosciences, Inc.	2021215673	Korea Advanced Institute of Science and Technology
2021207634	Quantum-Si Incorporated	2021215741	Huawei Technologies Co., Ltd.
2021207646	W. L. Gore & Associates, Inc.	2021215925	The Rockefeller University
2021207686	Ojjo, Inc.		
2021207811	Abiomed, Inc.		
2021207857	LumiraDx UK Ltd.		
2021207879	Synlogic Operating Company, Inc.		
2021207892	Musculoskeletal Transplant Foundation		
2021207899	Quantum-Si Incorporated		

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2021215980	FUJIFILM Cellular Dynamics, Inc.	2021220842	Caterpillar Inc.
2021216149	Lanxess Solutions Australia Pty. Ltd.	2021220965	Wickenburg, L.
2021216443	RNAimmune, Inc.	2021220996	Shanghai Acemab Corporation Ltd.
2021216450	Memorial Sloan-Kettering Cancer Center	2021221035	Apellis Pharmaceuticals, Inc.
2021216478	Graphene-Dx, Inc.	2021221048	Caris MPI, Inc.
2021216601	China Mobile Communication Co., Ltd Research Institute; China Mobile Communications Group Co., Ltd.	2021221148	Ancestry.com Operations Inc.
2021216978	Commonwealth Scientific and Industrial Research Organisation	2021221172	Jabil Inc.
2021217070	Microsoft Technology Licensing, LLC	2021221177	TetraVision, LLC
2021217130	Oyagen, Inc.	2021221273	Medical Microinstruments, Inc.
2021217358	Perfuse Therapeutics, Inc.	2021221966	Eli Lilly and Company
2021218253	Medical Microinstruments, Inc.	2021221982	Illumina, Inc.
2021218396	Cangemi, N.; Laetsch, A.; Laetsch, G.	2021221988	Cargill, Incorporated
2021218412	AbbVie Inc.	2021222040	Ashton, J.
2021218423	Pier Tech Systems LLC	2021222050	Illumina, Inc.
2021218633	Kranendonk Beheersmaatschappij B.V.	2021222163	Versitech Limited
2021218665	Dow Global Technologies LLC; Dow Silicones Corporation; Rohm and Haas Company	2021222197	Hutchison Medipharma Limited
2021218678	PurLyte LLC	2021222203	YAFEI SHANGHAI BIOLOGY MEDICINE SCIENCE & TECHNOLOGY CO., LTD.
2021218729	Lawrence Livermore National Security, LLC; The Penn State Research Foundation	2021222340	European Molecular Biology Laboratory
2021218763	Escape Therapeutics, Inc.	2021222383	De La Rue International Limited
2021218877	Naue GmbH & Co. KG	2021222403	PI Industries Ltd.
2021219057	Medical Microinstruments, Inc.	2021222792	Gozney Group Limited
2021219105	Medical Microinstruments, Inc.	2021222810	Assistance Publique - Hôpitaux de Paris; Altevax; Université Paris Cité
2021219237	Uniwersytet Warszawski; ExplorNA Therapeutics Sp. z o.o.	2021222964	Novamont S.p.A.
2021219259	TK Home Solutions GmbH	2021222990	Institut Curie; Inserm (Institut National de la Santé et de la Recherche Médicale); Institut Mutualiste Montsouris
2021219269	Schott AG	2021223087	Gozney Group Limited
2021219354	Medical Microinstruments, Inc.	2021223128	Jiangsu Hengrui Pharmaceuticals Co., Ltd.; Shanghai Hengrui Pharmaceutical Co., Ltd.
2021219360	Medical Microinstruments, Inc.	2021223171	The New Zealand Institute for Plant and Food Research Limited
2021219459	Nippon Steel Corporation	2021223172	Medela Holding AG
2021219489	Feliqs Corporation; Kyushu University, National University Corporation	2021223210	Well Cleanup AS
2021219563	Uniwersytet Warszawski; ExplorNA Therapeutics Sp. z o.o.	2021223478	Gozney Group Limited
2021219581	Maceda, J.	2021223577	Sandvik Mining and Construction Tools AB
2021219596	AquiSense Technologies LLC	2021223713	Schott AG
2021219619	ConocoPhillips Company	2021223716	Nexdot
2021219673	Becton, Dickinson and Company	2021223858	Stirtec GmbH
2021219722	Neuros Medical, Inc.	2021224078	Pfizer Inc.
2021219788	FMC Corporation	2021224158	Recurium IP Holdings, LLC
2021219794	The Johns Hopkins University	2021224168	Cargill, Incorporated
2021219836	Figene, LLC	2021224186	Research Institute at Nationwide Children's Hospital; University of Virginia Patent Foundation
2021219838	Bolt Threads, Inc.	2021224200	Denali Therapeutics Inc.
2021219960	Electrochaea GmbH	2021224206	Yield10 Bioscience, Inc.
2021219987	Origen Power Ltd	2021224210	Leading Edge Equipment Technologies, Inc.
2021220003	Cardiomix S.r.l.	2021224224	BASF Agricultural Solutions Seed US LLC
2021220137	PepsiCo, Inc.	2021224253	Board of Regents of The University of Texas System
2021220138	CareFusion 303, Inc.	2021224456	MOBA Group B.V.
2021220143	DoorDash, Inc.	2021224487	Kitty Hawk Corporation
2021220151	Schlumberger Technology B.V.	2021224509	Replicor Inc.
2021220164	CareFusion 303, Inc.	2021224524	Henkel, F.
2021220188	Cytonus Therapeutics, Inc.	2021224548	Illumina, Inc.
2021220275	Orano Med	2021224558	STEMCELL Technologies Canada Inc.
2021220308	Cregan, B.	2021224589	Burndy, LLC
2021220323	Origen Power Ltd	2021224592	Illumina, Inc.
2021220327	Cheminova A/S	2021224607	Cargill, Incorporated
2021220471	Kyowa Kirin Co., Ltd.	2021224633	Cargill, Incorporated
2021220531	Wonderland Switzerland AG	2021224663	Magenta Therapeutics, Inc.
2021220538	S.M.A.I.O.	2021224676	Hepion Pharmaceuticals, Inc.
2021220546	Essity Hygiene and Health Aktiebolag	2021224729	Ionis Pharmaceuticals, Inc.
2021220596	Novochizol SA	2021224758	Leading Edge Equipment Technologies, Inc.
2021220662	Post Harvest Learning Pty Ltd	2021224789	Sasol Chemicals GmbH
2021220687	Origen Power Ltd	2021224796	Boston Scientific Scimed, Inc.
2021220715	Caterpillar Global Mining LLC	2021224839	C.M.I. Cerniere Meccaniche Industriali s.r.l.
2021220744	AdrenalineIP	2021224855	Epizyme, Inc.
2021220763	Corcept Therapeutics Incorporated	2021224871	Illumina, Inc.
2021220770	Dow Global Technologies LLC; Dow Silicones Corporation; Rohm and Haas Company	2021224872	Illumina, Inc.
2021220792	PepsiCo, Inc.	2021224873	Illumina, Inc.
		2021224891	Taylor Made Group, LLC
		2021224955	Gozney Group Limited

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2021224961	Marel Meat A/S	2021231864	Beijing Xuanyi PharmaSciences Co., Ltd.
2021224972	Eberhard Karls Universitaet Tuebingen Medizinische Fakultaeat	2021231961	Tissue Regenix Limited
2021225003	Wonderland Switzerland AG	2021232041	Regeneron Pharmaceuticals, Inc.
2021225063	Philip Morris Products S.A.	2021232212	Noetic Technologies Inc.
2021225084	E-Swin Developpement	2021232500	LG Electronics Inc.
2021225277	Beijing Bytedance Network Technology Co., Ltd.	2021232573	Duke University
2021225337	Waldemar Link GmbH & Co. KG	2021232598	Regeneron Pharmaceuticals, Inc.
2021225338	BASF SE	2021232690	Hainan Unican Science and Technology Innovation Institute Co.Ltd.
2021225394	Intelligent Fingerprinting Limited	2021232889	Sigma-Aldrich Co., LLC
2021225722	Microsoft Technology Licensing, LLC	2021233176	Technische Universität München
2021225815	Quincy Bioscience, LLC	2021233197	Oribiotech Ltd
2021225930	PPG Industries Ohio, Inc.	2021233914	Ionis Pharmaceuticals, Inc.
2021225957	Ionis Pharmaceuticals, Inc.	2021234062	F. Hoffmann-La Roche AG
2021225978	Nanjing Legend Biotech Co., Ltd.	2021234161	Oribiotech Ltd
2021226151	Kal Tire	2021234266	Adelwiggins Group, A Division of Transdigm Inc.
2021226337	ARELAC, INC.	2021234992	E.ON Sverige AB
2021226347	Boston Scientific Scimed, Inc.	2021235041	Topsoe A/S
2021226366	Aligos Therapeutics, Inc.	2021235239	Oribiotech Ltd
2021226373	Drive Medical, Inc.	2021235240	Oribiotech Ltd
2021226497	Boston Scientific Scimed, Inc.	2021235294	Dong-A ST Co., Ltd.
2021226625	Norce Innovation AS	2021235328	ColorMatrix Holdings, Inc.
2021226636	Tangiamo Touch Technology AB	2021235394	Alma Mater Studiorum - Universita' Di Bologna
2021226637	National University of Singapore	2021235399	Sofar S.p.A.
2021226759	Boston Scientific Scimed, Inc.	2021235513	Oribiotech Ltd
2021226805	Yield Systems Oy	2021235546	Sofar S.p.A.
2021226906	Administrators of the Tulane Educational Fund	2021235800	Tritana Intellectual Property Ltd.
2021226961	Baoshan Iron & Steel Co., Ltd.	2021235887	Imperative Care, Inc.
2021226974	TES Pharma S.r.l.	2021236348	Topsoe A/S
2021226994	Les Laboratoires Servier	2021236972	BHP Chile Inc
2021227230	Hepion Pharmaceuticals, Inc.	2021237236	Smith & Nephew, Inc.; Smith & Nephew Orthopaedics AG; Smith & Nephew Asia Pacific Pte. Limited
2021227284	Stockholm Precision Tools, S.L	2021237570	University of Southern California
2021227391	Becoflex	2021237690	Merck Patent GmbH; Ryvu Therapeutics S.A.
2021227456	Verona Pharma PLC	2021237693	Grünenthal GmbH
2021227549	Boehringer Ingelheim International GmbH	2021237833	Chevron Japan Ltd.
2021227578	Herrenknecht Aktiengesellschaft	2021238002	Bayer CropScience K.K.
2021227681	Boston Scientific Scimed, Inc.	2021238358	Chan Zuckerberg Biohub, Inc.; The Regents of the University of California
2021227712	Barge's Belting Solution Pty Ltd	2021238984	International Business Machines Corporation
2021227716	Artrya Limited	2021238989	Chevron U.S.A. Inc.
2021227920	Grail, LLC	2021239047	BHP Chile Inc
2021227924	Boston Scientific Scimed, Inc.	2021239399	Graphene-Dx, Inc.
2021227937	Biohaven Pharmaceutical Holding Company Ltd.	2021239667	Chugai Seiyaku Kabushiki Kaisha
2021228171	Koninklijke Douwe Egberts B.V.	2021239845	Pindrop Security, Inc.
2021228199	iSTAR Medical SA	2021239914	Fina BioSolutions, LLC
2021228385	Labbé, A.	2021240014	Fractyl Health, Inc.
2021228414	Teijin Limited	2021240068	Arcus Biosciences, Inc.
2021228523	Norce Innovation AS	2021240964	Prestige Italia S.p.A.
2021228534	Microsoft Technology Licensing, LLC	2021242899	Komatsu Ltd.
2021228597	Pepsico, Inc.	2021243757	Chevron U.S.A. Inc.
2021228665	Boston Scientific Scimed, Inc.	2021243859	Sofar S.p.A.
2021228722	Boston Scientific Scimed, Inc.	2021244090	National University of Singapore
2021229456	Nexttracker Inc.	2021244987	International Business Machines Corporation
2021229499	R-Tek Manufacturing Ltd	2021245579	Tokuyama Corporation
2021229904	Nthalmic Holding Pty Ltd	2021246254	Alcon Inc.
2021229915	Orthosoft ULC	2021247504	Kverneland Group Nieuw-Vennep B.V.
2021230183	Sumitomo Metal Mining Co., Ltd.	2021248368	Ustav Organické Chemie A Biochemie AV CR, V. V. I.
2021230348	Ab Initio Technology LLC	2021248432	Plasser & Theurer Export Von Bahnbaumaschinen Gesellschaft m.b.H.
2021230350	Oy Halton Group Ltd.	2021248456	Electrolux Appliances Aktiebolag
2021230361	Poseida Therapeutics, Inc.	2021248492	Verifi Technologies, LLC
2021230382	Coravin, Inc.	2021249488	Diagonal Bio AB
2021230409	Nthalmic Holding Pty Ltd	2021250718	AddOn Optics Ltd.
2021230439	XORIA LIMITED	2021251429	University of Sheffield
2021230494	Nanocomp Technologies, Inc.	2021251690	Dana-Farber Cancer Institute, Inc.
2021230666	Mitsubishi Electric Corporation	2021252080	Société des Produits Nestlé S.A.
2021230862	Tosho, Inc.	2021252434	Ripe Robotics Pty Ltd
2021231112	Carlsberg A/S	2021253125	Société des Produits Nestlé S.A.
2021231211	Bambino Prezioso Switzerland AG	2021253219	AGCO Corporation
2021231517	Bockatech Ltd	2021253451	Société des Produits Nestlé S.A.
2021231537	Airbus Defence and Space SAS	2021253529	Société des Produits Nestlé S.A.
2021231786	Duke University		
2021231831	Aquedeon Medical, Inc.		
2021231850	Pindrop Security, Inc.		

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2021253775	AGCO Corporation
2021255654	Xero Limited
2021257392	Gomez, R.
2021258696	Alchin Long Group IP Pty Limited
2021260100	DermaPurge GmbH
2021260468	Hanuman Pelican, Inc.
2021261267	Regeneron Pharmaceuticals, Inc.
2021261718	Sungrow Hydrogen Sci. & Tech. Co., Ltd
2021263767	Genentech, Inc.
2021268914	Electrolux Appliances Aktiebolag
2021269645	Rheinmetall Landsysteme GmbH
2021273543	Zoono Group Ltd.; Zoono Holdings USA LLC
2021278579	Die Frischemanufaktur GmbH
2021282386	Heungkuk Ind.Co.,Ltd.
2021286676	Nanjing Bioheng Biotech Co., Ltd
2021291983	Felicamed Biotechnology Co., Ltd.
2021302026	Shenzhen Clear Lighting Co., Ltd.; Huizhou Clear Lighting Co., Ltd.
2021312196	Beijing Bytedance Network Technology Co., Ltd.
2021336331	Hyundai Glovis Co., Ltd.
2021347778	Webiotree Co., Ltd; CnPharm Co., Ltd.
2021374545	New-Tec Integration (Xiamen) Co., Ltd.
2021395654	Clover Network Com Co., Ltd.
2021396591	Treemagineers Ltd
2021398759	Nanjing Tech University; Nanjing Geotechnical and Underground Space Technology Co., Ltd

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2021253219	2021251429	2021207625	2021220792	2021207487	2021225957
2021253775	2021261267			2021214416	2021226366
		<u>A23C 19 /-</u>	<u>A47J 31 /-</u>	2021219722	2021226906
<u>A01B 73 /-</u>	<u>A01M 7 /-</u>	2021207625	2021207389	2021224253	2021226974
2021253775	2021210581			2021228385	2021226994
	2021238002	<u>A23D 9 /-</u>	<u>A47J 37 /-</u>		2021227230
<u>A01C 21 /-</u>	<u>A01N 1 /-</u>	2021253529	2021223087	<u>A61B 6 /-</u>	2021227456
2021253219	2021207473		2021223478		2021227937
		<u>A23G 1 /-</u>	<u>A47J 41 /-</u>	2021227716	2021235294
<u>A01C 7 /-</u>	<u>A01N 25 /-</u>	2021221988	2021222040		2021237690
2021247504	2021222964	2021224168		<u>A61B 90 /-</u>	2021237693
2021253219	2021224789	2021224607	<u>A47L 9 /-</u>	2021218253	2021240068
2021253775		2021224633		2021219105	2021251690
				2021219360	2021291983
<u>A01D 41 /-</u>	<u>A01N 33 /-</u>	<u>A23L 2 /-</u>	2021232500	2021229915	2021347778
2021235800	2021273543	2021278579			<u>A61K 33 /-</u>
			<u>A61B 1 /-</u>	<u>A61F 13 /-</u>	2021218729
<u>A01D 46 /-</u>	<u>A01N 37 /-</u>	<u>A23L 3 /-</u>	2021224796	2021210001	
2021226805	2021222964	2021216978	2021226347	2021220546	<u>A61K 35 /-</u>
2021252434			2021226373	2021226347	2021207879
			2021228665	2021227681	2021207892
<u>A01F 12 /-</u>	<u>A01N 43 /-</u>	<u>A23L 33 /-</u>		2021227924	2021216450
2020440536	2020440536	2021213077	<u>A61B 17 /-</u>	<u>A61F 2 /-</u>	2021219836
2021219788	2021219788	2021213078	2021207486	2021207646	2021220188
2021222403	2021222403	2021214454	2021207577	2021210868	2021224663
		2021253125	2021207646	2021225337	2021226906
<u>A01G 17 /-</u>	<u>A01N 63 /-</u>	2021253451	2021220538	2021228199	2021231864
2021235394	2021224224		2021225337	2021229915	2021235399
		<u>A23L 7 /-</u>	2021226373	2021231831	2021235546
<u>A01G 25 /-</u>	<u>A01N 65 /-</u>	2021216978	2021226759		2021243859
2020433708	2020440911		2021229915	<u>A61F 7 /-</u>	2021260468
		<u>A24C 5 /-</u>	2021235887	2020429359	
<u>A01G 7 /-</u>	<u>A01P 21 /-</u>	2021225063	2021237236		<u>A61K 38 /-</u>
2021226805	2020440536			<u>A61H 1 /-</u>	2020292850
		<u>A24D 1 /-</u>	<u>A61B 18 /-</u>	2021210001	2020423596
<u>A01G 9 /-</u>	<u>A01P 3 /-</u>	2021225063	2021208776		2021207415
2021235394	2020440911		2021224972	<u>A61H 23 /-</u>	2021212193
		<u>A24F 1 /-</u>	2021240014	2020429359	2021215673
<u>A01H 1 /-</u>	<u>A21B 3 /-</u>	2021222040			2021216443
2021216978	2021222792		<u>A61B 3 /-</u>	<u>A61J 3 /-</u>	2021218763
2021231112		<u>A43B 5 /-</u>	2021225084	2021230862	2021219836
		2021208641	2021246254		2021224676
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2021231112	2021216978		2021218253	2021205410	2021227230
		<u>A47B 13 /-</u>	2021219057	2021207267	2021235546
<u>A01H 6 /-</u>	<u>A22B 3 /-</u>	2021374545	2021219105	2021207268	2021237570
2021216978	2021224961		2021219354	2021207269	
2021231112		<u>A47B 3 /-</u>	2021219360	2021208113	<u>A61K 39 /-</u>
		2021374545	2021220538	2021210477	2020429019
<u>A01K 61 /-</u>	<u>A23B 4 /-</u>		2021221273	2021211553	2021205866
2021223087	2021223087	<u>A47C 7 /-</u>	2021226373	2021211871	2021212193
2021223478	2021224955	2021374545	2021229915	2021214938	2021214938
2020418064				2021214938	2021216443
		<u>A47D 13 /-</u>	<u>A61B 46 /-</u>	2021215925	2021220471
<u>A01K 63 /-</u>	<u>A23C 11 /-</u>	2021225003	2021219057	2021217130	2021220996
2020418064	2021207625		2021219354	2021219489	2021222163
			2021221273	2021220763	2021222810
				2021222197	2021223128
				2021222203	2021224200
				2021224186	2021237570
				2021224509	2021239914
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2021214938		<u>A61P 11 /-</u>	2021225978		
2021220763	2021224972		2021226366	2021226636	2021223858
2021224200		2020423596	2021226974		
2021225815	<u>A61L 27 /-</u>	2021219489	2021227230	<u>B01D 29 /-</u>	<u>B23K 20 /-</u>
2021227230		2021223128	2021233176	2021230494	2021223858
	2021207892	2021224676	2021237570		
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	2021214578		2021240068		
2020423596	2021231961	<u>A61P 21 /-</u>	2021243859	2021205649	2021218633
2021205410		2021225815	2021248368	2021230494	
2021207269	<u>A61L 31 /-</u>		2021263767		<u>B23K 9 /-</u>
2021208553		<u>A61P 25 /-</u>	2021286676	<u>B01D 53 /-</u>	
2021209696	2021227681				2021218633
2021211892		2021207267	<u>A61P 37 /-</u>	2021220687	
2021212193	<u>A61M 1 /-</u>	2021207268			<u>B25J 13 /-</u>
2021218729		2021207269	2021208113	<u>B01D 61 /-</u>	
2021220596	2021213898	2021207415	2021208553		2021221172
2021223128	2021223172	2021208113	2021220996	2021260468	2021252434
2021224200	2021226347	2021213253	2021222197		
2021227456	2021226497	2021219489	2021222810	<u>B01D 63 /-</u>	<u>B25J 19 /-</u>
2021232573	2021226759	2021225815	2021224663	2021208284	2021252434
	2021227681	2021226906	2021226974		
<u>A61K 48 /-</u>	2021227924	2021243859		<u>B01D 67 /-</u>	<u>B25J 9 /-</u>
	2021228665		<u>A61P 39 /-</u>		
2021207901	2021260468	<u>A61P 27 /-</u>	2021219489	2021208284	2021221172
2021216443					
2021226906	<u>A61M 21 /-</u>	2021207415	<u>A61P 43 /-</u>	<u>B01D 69 /-</u>	<u>B29B 11 /-</u>
2021230361		2021215925		2021208284	2021228414
2021251429	2021228385		2021211553		
		<u>A61P 3 /-</u>	2021219489	<u>B01F 23 /-</u>	<u>B29C 43 /-</u>
<u>A61K 49 /-</u>	<u>A61M 25 /-</u>		2021224676	2021230382	2021228597
		2021207879	2021243859		
2021211150	2021208554	2021225815		<u>B01L 3 /-</u>	<u>B29C 44 /-</u>
2021218729	2021231831	2021226994	<u>A61P 9 /-</u>	2021207857	2021231517
2021233176	2021235887	2021235294		2021233197	
		2021243859	2021219489	2021235239	<u>B29C 45 /-</u>
<u>A61K 51 /-</u>	<u>A61M 29 /-</u>		2021225815		
		<u>A61P 31 /-</u>	2021243859	<u>B03D 1 /-</u>	2021231517
2021218729	2021240014			2021230183	<u>B29C 48 /-</u>
2021220275		2020292850	<u>A61Q 1 /-</u>	<u>B05D 1 /-</u>	2021235328
2021233176	<u>A61M 31 /-</u>	2020429019		2021225930	<u>B29C 49 /-</u>
2021248368		2021205866	2021213062	2021225930	2021228597
	2021227681	2021217130	<u>A61Q 19 /-</u>	2021219459	<u>B29C 51 /-</u>
<u>A61K 8 /-</u>	<u>A61M 39 /-</u>	2021219489			
		2021224509	2021260100	<u>B05D 3 /-</u>	2021250718
2021260100	2021219673	2021226366		2021219459	2021374545
		2021235399	<u>A61Q 5 /-</u>		
<u>A61K 9 /-</u>	<u>A61M 5 /-</u>	2021235546		<u>B05D 7 /-</u>	<u>B29C 65 /-</u>
		2021239914	2021213062		
2021207267	2021215980	2021291983	<u>A62B 35 /-</u>	<u>B08B 7 /-</u>	2021250718
2021207268	2021220138	2021347778		2021228171	
2021207269	2021227549		2021396591	<u>B08B 9 /-</u>	<u>B29D 11 /-</u>
2021207614		<u>A61P 35 /-</u>		2021228171	2021250718
2021209696	<u>A61M 60 /-</u>		<u>A62C 3 /-</u>	<u>B09C 1 /-</u>	<u>B29K 105 /-</u>
2021214417		2021205866	2020423319	2021208710	2021228414
2021215673	2021207811	2021210477			
2021216443		2021211553	<u>B23K 101 /-</u>	2021223858	2021220308
2021220188	<u>A61N 1 /-</u>	2021211871			
2021227456		2021211892	<u>A63C 19 /-</u>		
2021227937	2020428944	2021212193			
2021237693	2020429359	2021214938	2021227391		
2021347778	2021219722	2021215673			
		2021216450	<u>A63F 1 /-</u>		
<u>A61L 15 /-</u>	<u>A61N 5 /-</u>	2021218729			
		2021218763	2021204581		
2021214417	2021244090	2021220275			
2021220546		2021220471	<u>A63F 5 /-</u>		
2021227681	<u>A61P 1 /-</u>	2021220763			
		2021220996			
<u>A61L 17 /-</u>	2020423596	2021222163			
	2021208113	2021222197			
2021213237	2021224676				
	2021226366				

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<u>B31B 110 /-</u>		<u>B65D 39 /-</u>	<u>C01F 17 /-</u>	<u>C07C 255 /-</u>	<u>C07D 241 /-</u>
2021206361	<u>B62D 25 /-</u>	2021222040	2021218729	2021240068	2021240068
	2021208564				
<u>B31B 120 /-</u>	<u>B62D 63 /-</u>	<u>B65D 43 /-</u>	<u>C02F 1 /-</u>	<u>C07C 271 /-</u>	<u>C07D 249 /-</u>
2021206361	2021208564	2021206361	2020418064	2021232889	2021240068
			2021205649		
<u>B31B 50 /-</u>	<u>B62J 17 /-</u>	<u>B65D 47 /-</u>	2021212182	<u>C07C 307 /-</u>	<u>C07D 251 /-</u>
2021206361	2021224891	2021205649	2021219596	2021211553	2021225338
		2021222040	2021257392		
<u>B32B 27 /-</u>	<u>B63B 27 /-</u>	<u>B65D 51 /-</u>	<u>C02F 3 /-</u>	<u>C07C 311 /-</u>	<u>C07D 263 /-</u>
2021229499	2021210145	2021205649	2020418064	2021211553	2021240068
	2021223210	2021222040	2021212182	<u>C07C 317 /-</u>	<u>C07D 265 /-</u>
<u>B32B 3 /-</u>	<u>B63B 35 /-</u>	<u>B65G 43 /-</u>	<u>C02F 7 /-</u>	2021240068	2021240068
2021229499	2021210145	2021227712	2020418064	<u>C07C 333 /-</u>	<u>C07D 277 /-</u>
				2021225338	2021240068
<u>B32B 37 /-</u>	<u>B63C 11 /-</u>	<u>B66C 1 /-</u>	<u>C03C 17 /-</u>	<u>C07C 51 /-</u>	<u>C07D 307 /-</u>
2021229499	2020421062	2021210145	2021223716	2021220327	2021240068
2021250718				<u>C07C 59 /-</u>	<u>C07D 311 /-</u>
				2021220327	2021240068
<u>B32B 5 /-</u>	<u>B63C 9 /-</u>	<u>B66C 13 /-</u>	<u>C04B 38 /-</u>	<u>C07C 59 /-</u>	<u>C07D 311 /-</u>
2021228414	2020421062	2021210145	2021282386	2021220327	2021240068
				<u>C07C 67 /-</u>	<u>C07D 401 /-</u>
<u>B42D 25 /-</u>	<u>B63J 2 /-</u>	<u>B66C 23 /-</u>	<u>C04B 40 /-</u>	2021220327	2021240068
2021222383	2021224891	2021210145	2021205422	<u>C07C 67 /-</u>	<u>C07D 401 /-</u>
				2021220327	2021211553
<u>B60B 29 /-</u>	<u>B64C 29 /-</u>	<u>B67C 3 /-</u>	<u>C05C 11 /-</u>	2021220327	2021226974
2021226151	2021224487	2021228171	2020440536	<u>C07C 69 /-</u>	2021240068
				2021220327	2021248368
<u>B60H 1 /-</u>	<u>B64D 1 /-</u>	<u>B67D 1 /-</u>	<u>C07C 1 /-</u>	<u>C07D 207 /-</u>	<u>C07D 403 /-</u>
2021224891	2020423319	2021220137	2021224158	2021226974	2020440536
		2021230382	<u>C07C 13 /-</u>	2021232889	2021207473
<u>B60J 1 /-</u>	<u>B64D 27 /-</u>	<u>B67D 9 /-</u>	2021224158	<u>C07C 69 /-</u>	2021226974
2021224891	2021224487	2021223210	<u>C07C 17 /-</u>	<u>C07D 209 /-</u>	2021237690
			2021224158	2021240068	<u>C07D 405 /-</u>
<u>B60J 7 /-</u>	<u>B64D 31 /-</u>	<u>B68C 1 /-</u>	<u>C07C 19 /-</u>	<u>C07D 213 /-</u>	2021222197
2021227391	2021224487	2021240964	2021224158	2021211553	2021226974
				2021240068	<u>C07D 409 /-</u>
<u>B60N 2 /-</u>	<u>B64F 1 /-</u>	<u>B81C 1 /-</u>	<u>C07C 211 /-</u>	<u>C07D 215 /-</u>	2021211553
2021231211	2021219259	2021208518	2021220327	2021240068	2021226974
		2021223713	2021232889	2021240068	2021240068
<u>B60R 16 /-</u>	<u>B64G 1 /-</u>	<u>B82Y 5 /-</u>	<u>C07C 229 /-</u>	<u>C07D 217 /-</u>	<u>C07D 413 /-</u>
2021208564	2021231537	2021205410	2021224158	2021240068	2021217358
		2021232573	<u>C07C 231 /-</u>	2021240068	2021226974
<u>B60R 21 /-</u>	<u>B65B 7 /-</u>	<u>C01B 3 /-</u>	2021213062	<u>C07D 231 /-</u>	2021240068
2021231211	2021228171	2021219581	2021219489	2021240068	<u>C07D 417 /-</u>
		2021235041	<u>C07C 23 /-</u>	2021240068	<u>C07D 417 /-</u>
<u>B60W 50 /-</u>	<u>B65D 23 /-</u>	<u>C01B 33 /-</u>	2021224158	<u>C07D 237 /-</u>	2021226974
2021269645	2021223716	2021208280	<u>C07C 231 /-</u>	2021219788	<u>C07D 419 /-</u>
			2021220327	2021240068	2021226994
<u>B61B 13 /-</u>	<u>B65D 25 /-</u>	<u>C01F 11 /-</u>	<u>C07C 235 /-</u>	<u>C07D 239 /-</u>	<u>C07D 471 /-</u>
2021235394	2021206287	2021220687	2021220327	2021240068	2021208113
		2021226337			2021215925
<u>B61B 5 /-</u>	<u>B65D 3 /-</u>				
2021235394	2021206361				
<u>B62B 9 /-</u>					
2021220531					

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2021224855	2021218412	<u>C09D 133 /-</u>	<u>C11C 1 /-</u>	2021224509	2021249488
2021240068	2021220471			2021224729	
<u>C07D 473 /-</u>	2021220996	2021219459	2021213077	2021225957	<u>C12R 1 /-</u>
	2021223128		2021213078	2021225978	
2021210477	2021224663	<u>C09D 163 /-</u>	2021214454	2021226366	2021207155
	2021225978		2021253125	2021226906	
<u>C07D 487 /-</u>	2021232041	2021225930		2021230361	<u>C21D 8 /-</u>
	2021263767	<u>C09D 171 /-</u>	<u>C11C 3 /-</u>	2021231112	
2021208113	<u>C07K 19 /-</u>		2021253125	2021232598	2021226961
2021222197		2021225930	2021253529	2021233914	<u>C22B 1 /-</u>
2021222403	2020429019	<u>C09D 201 /-</u>		2021239914	
2021224855	<u>C07K 5 /-</u>		<u>C11D 1 /-</u>	<u>C12N 3 /-</u>	2021239047
2021240068		2021219459	2021213062	2021207155	<u>C22B 15 /-</u>
<u>C07D 493 /-</u>	2021218763	<u>C09D 5 /-</u>	<u>C12C 1 /-</u>		2021236972
	2021222203			<u>C12N 5 /-</u>	2021239047
2021225338	2021232889	2021225930	2021216978		
<u>C07D 495 /-</u>	2021248368	<u>C09D 7 /-</u>	<u>C12G 3 /-</u>	2021207892	<u>C22B 3 /-</u>
	<u>C07K 7 /-</u>			2021207901	
2021226974		2021219459	2021226637	2021213253	2021236972
<u>C07D 513 /-</u>	2021207415			2021213783	2021239047
	2021218763	<u>C10B 53 /-</u>	<u>C12M 1 /-</u>	2021214142	
2021226974	2021231786			2021219836	<u>C22C 38 /-</u>
	2021233176	2021219987	2021205422	2021220471	
<u>C07D 519 /-</u>	<u>C08B 37 /-</u>	<u>C10G 3 /-</u>	2021220965	2021224558	2021226961
			2021233197	2021224663	<u>C25B 1 /-</u>
2021207155	2021220596	2021235041	2021234161	2021286676	
<u>C07F 15 /-</u>	2021224078	2021236348	2021235239	<u>C12N 9 /-</u>	2021257392
	<u>C08F 2 /-</u>	<u>C10G 65 /-</u>	2021235240		2021261718
2020440536			2021235513	2021205422	<u>C25B 15 /-</u>
<u>C07F 7 /-</u>	2021218665	2021236348	<u>C12M 3 /-</u>	2021223171	
	2021220770			2021224206	2021261718
2021218665	<u>C08F 230 /-</u>	<u>C10J 3 /-</u>	2021205422	2021230361	
2021220770			2021235513	2021253125	<u>C25B 9 /-</u>
<u>C07H 21 /-</u>	2021218665	2021219987	<u>C12N 1 /-</u>	<u>C12P 17 /-</u>	2021245579
	2021220770	2021220323		2021207155	2021257392
2021207901	<u>C08G 18 /-</u>	<u>C10K 3 /-</u>	2021206307	<u>C12P 19 /-</u>	2021261718
2021216443			2021207155		<u>C30B 11 /-</u>
2021219237	2021216149	2021220323	2021207879	2021219237	
2021219563	<u>C08J 3 /-</u>	<u>C10L 5 /-</u>	2021219960	2021219563	2021224210
2021226366			2021220471		2021224758
<u>C07H 5 /-</u>	2021220596	2021208627	2021224558	<u>C12P 21 /-</u>	<u>C30B 15 /-</u>
	<u>C08K 3 /-</u>	<u>C10L 9 /-</u>	<u>C12N 15 /-</u>		
2021220596				2021219838	2021224210
<u>C07K 14 /-</u>	2020422436	2021208627	2020429019	2021220471	2021224758
	2021216149	<u>C10M 169 /-</u>	2021205422	2021222340	
2021205866	<u>C08K 5 /-</u>		2021206307	2021239914	<u>C30B 25 /-</u>
2021208553		2021237833	2021207879	<u>C12P 5 /-</u>	2021225722
2021210489	2020422436	<u>C10N 10 /-</u>	2021207901		
2021216450	2021216149		2021208553	2021219960	<u>C30B 29 /-</u>
2021218729	2021225338	2021237833	2021209696	<u>C12P 7 /-</u>	2021225722
2021219838	<u>C08L 5 /-</u>	<u>C10N 30 /-</u>	2021209824		
2021223171			2021210313	2021253125	<u>D01D 5 /-</u>
2021224224	2021220596	2021237833	2021213253	<u>C12Q 1 /-</u>	2021219838
2021224663			2021216450		
2021231112	<u>C08L 75 /-</u>	<u>C10N 40 /-</u>	2021219237	2021210313	<u>D01F 1 /-</u>
2021231786			2021219563	2021210489	
2021231864	2021216149	2021237833	2021219960	2021211392	2021225338
2021237570	<u>C09C 1 /-</u>	<u>C11B 5 /-</u>	2021220188	2021213783	
2021239914			2021220471	2021219794	<u>D01F 4 /-</u>
2021261267	2021208280	2021214454	2021220996	2021220003	
<u>C07K 16 /-</u>			2021221035	2021220965	2021219838
			2021222163	2021222990	
2021212193			2021222340	2021224558	<u>D01F 6 /-</u>
2021214938			2021223171	2021226906	
2021216450			2021224186	2021238358	2021219838
			2021224206		
			2021224224		

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2021225338	<u>E05C 9 /-</u>	<u>F03G 7 /-</u>	<u>F24C 1 /-</u>	<u>F41A 17 /-</u>	2021207857
<u>D04H 3 /-</u>	2021258696	2021221177	2021223087	2021269645	2021211392
2021228414	<u>E05D 15 /-</u>	<u>F04D 25 /-</u>	2021224955		2021212193
<u>E01B 27 /-</u>	2021214420	2020424571	<u>F24C 15 /-</u>	<u>F41H 13 /-</u>	2021216478
2021248432	<u>E05F 1 /-</u>	<u>F16J 15 /-</u>	2021222792	2021207400	2021216978
<u>E02B 5 /-</u>	2021224839	2021207453	2021223087		2021220003
2021218877	<u>E05F 15 /-</u>	<u>F16K 3 /-</u>	2021268914	2021269645	2021220471
<u>E02D 1 /-</u>	2021214420	2021207453	<u>F24C 7 /-</u>		2021220965
2021398759	<u>E06B 9 /-</u>	<u>F16K 31 /-</u>	2021268914	<u>G01C 11 /-</u>	2021224456
<u>E02D 13 /-</u>	2021214420	2021221177	<u>F24D 10 /-</u>	2021226636	2021224558
2021210145	<u>E21B 10 /-</u>	<u>F16L 1 /-</u>	2021234992		2021233176
<u>E02D 17 /-</u>	2021223577	2021210145	<u>F24D 3 /-</u>	<u>G01D 11 /-</u>	2021239399
2021218877	<u>E21B 17 /-</u>	<u>F16L 19 /-</u>	2021234992	2020433708	2021239667
<u>E02D 27 /-</u>	2021219619	2021234266	<u>F24F 1 /-</u>		<u>G01R 15 /-</u>
2021207686	<u>E21B 19 /-</u>	<u>F16L 25 /-</u>	2020430154	<u>G01F 1 /-</u>	2021213104
<u>E02D 35 /-</u>	2021232212	2021234266	2020431597	2021228523	<u>G01R 19 /-</u>
2021218423	<u>E21B 21 /-</u>	<u>F16L 37 /-</u>	2021230350		<u>G01R 19 /-</u>
<u>E02D 5 /-</u>	2021219619	2021234266	<u>F24F 11 /-</u>	<u>G01G 19 /-</u>	2021213104
2021218423	2021228523	<u>F16L 59 /-</u>	2020434523	2021248456	2021213406
<u>E02D 7 /-</u>	<u>E21B 25 /-</u>	2021208280	2021230666	<u>G01J 3 /-</u>	<u>G01R 29 /-</u>
2021207686	<u>E21B 28 /-</u>	<u>F21L 2 /-</u>	<u>F24F 110 /-</u>	2021232690	2021213406
<u>E02F 9 /-</u>	2021227284	2021206287	2021230666	<u>G01M 13 /-</u>	<u>G01R 31 /-</u>
2021220842	<u>E21B 33 /-</u>	<u>F21L 4 /-</u>	2020434523	2021207338	2020428938
<u>E03B 7 /-</u>	2021223210	2021206287	2021230666		2021213104
2021215004	<u>E21B 34 /-</u>	<u>F21S 4 /-</u>	<u>F24F 120 /-</u>	<u>G01N 1 /-</u>	<u>G01R 33 /-</u>
<u>E03C 1 /-</u>	2020446656	2021302026	2020434523	2021220662	2021224253
2021215004	2021219619	<u>F21S 8 /-</u>	2021234992	2021220965	<u>G01V 1 /-</u>
<u>E04F 13 /-</u>	<u>E21B 43 /-</u>	2021224524	<u>F24F 13 /-</u>	2021224558	2021227578
2021214893	2020446656	<u>F21S 9 /-</u>	2020434523	2021226625	
<u>E04F 15 /-</u>	2021238989	2021224524	<u>F24F 5 /-</u>	<u>G01N 11 /-</u>	2021220151
2021229499	<u>E21B 47 /-</u>	<u>F21V 11 /-</u>	2021234992	2021226625	2021220715
<u>E04H 15 /-</u>	2021220151	2021224524	<u>F24F 7 /-</u>	<u>G01N 15 /-</u>	2021243757
2021218396	2021220715	<u>F21V 14 /-</u>	2021230350	2021224558	<u>G02B 1 /-</u>
<u>E04H 4 /-</u>	2021227284	2021224524	<u>F24F 5 /-</u>	2021230183	2021223716
2021227391	2021228523	<u>F21V 23 /-</u>	<u>F24F 7 /-</u>	<u>G01N 21 /-</u>	<u>G02B 21 /-</u>
<u>E04H 6 /-</u>	2021238989	2021224524	2021230350	2021207338	2021218253
2020426595	<u>E21D 9 /-</u>	<u>F21Y 115 /-</u>	2021207338	2021207634	2021246254
2021227578	2021242899	2021206287	2021207634	2021207899	<u>G02B 5 /-</u>
2021242899		2021206287	2021209125	20212209125	2021230409
			2021224456	2021225394	<u>G02B 6 /-</u>
			2021227578	<u>G01N 27 /-</u>	2021244090
			2021208627	2021207338	<u>G02C 7 /-</u>
			2021208627	2021216478	2021229904
			2021208627	2021220662	2021230409
			2021208627	2021234062	<u>G05B 19 /-</u>
			2021208627	<u>G01N 29 /-</u>	2021230439
			2021208627	2021248492	<u>G05D 1 /-</u>
			2021208627	<u>G01N 33 /-</u>	2021207505
			2021208627		

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<u>G06F 1 /-</u>	<u>G06Q 50 /-</u>	<u>G16B 50 /-</u>	2021219581	<u>H02K 7 /-</u>	<u>H05H 1 /-</u>
2021213406	2021206016	2021221982	<u>H01M 6 /-</u>	2021214420	2021208710
<u>G06F 16 /-</u>	2021209111	<u>G16H 10 /-</u>	2021209070	<u>H02S 20 /-</u>	2021224972
2021208652	2021212182	2021221966	<u>H01M 8 /-</u>	2021207686	
2021213739	2021214117	<u>G16H 15 /-</u>	2021209070	2021229456	
2021221148	2021336331	2021221966	2021219581	<u>H04L 12 /-</u>	
2021230348	<u>G06T 7 /-</u>	<u>G16H 20 /-</u>	<u>H01Q 1 /-</u>	2021207433	
2021255654	2021224253	2021252080	2021221172	<u>H04L 47 /-</u>	
<u>G06F 21 /-</u>	2021225277	<u>G16H 30 /-</u>	2021231537	2021212606	
2021207505	2021226805	2021213741	<u>H01Q 15 /-</u>	<u>H04L 67 /-</u>	
2021213739	2021247504	<u>G16H 40 /-</u>	2021231537	2021208652	
2021244987	<u>G06V 10 /-</u>	2021219722	<u>H01Q 21 /-</u>	2021238984	
<u>G06F 3 /-</u>	2021213737	2021220164	<u>H01R 4 /-</u>	<u>H04M 1 /-</u>	
2021207305	2021247504	2021228722	2021224589	2021213677	
<u>G06F 8 /-</u>	<u>G07F 17 /-</u>	<u>G16H 50 /-</u>	<u>H01R 43 /-</u>	2021239845	
2021217070	2021220744	2021213741	2021224589	<u>H04M 3 /-</u>	
2021230348	2021226636	2021221048	<u>H01S 3 /-</u>	2021239845	
<u>G06F 9 /-</u>	<u>G08B 21 /-</u>	2021221966	<u>H01S 5 /-</u>	2021395654	
2021213739	2020428822	<u>G21C 11 /-</u>	2021209125	<u>H04N 19 /-</u>	
2021244987	<u>G09B 21 /-</u>	2021219269	2021207634	2020420364	
<u>G06K 9 /-</u>	2021207305	<u>G21C 13 /-</u>	<u>H01S 5 /-</u>	2021207558	
2021204581	<u>G10H 1 /-</u>	2021219269	2021209125	2021207559	
2021211150	2021228385	<u>H01B 17 /-</u>	<u>H02G 3 /-</u>	2021215741	
2021213737	<u>G10L 15 /-</u>	2020432229	2021219269	<u>H04N 21 /-</u>	
2021224253	2021231850	<u>H01J 37 /-</u>	<u>H02H 1 /-</u>	2021312196	
2021247504	<u>G10L 17 /-</u>	2021208710	2021213104	<u>H04N 5 /-</u>	
<u>G06N 20 /-</u>	2021231850	<u>H01L 21 /-</u>	2021213406	2021312196	
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2021220143	2021228385	<u>H01L 27 /-</u>	2021213406	2020439803	
2021221048	<u>G16B 20 /-</u>	2021207501	<u>H02H 7 /-</u>	<u>H04W 4 /-</u>	
2021231850	2021228385	<u>H01L 39 /-</u>	2020428938	2020426953	
2021255654	2021221048	2021228534	2021213406	<u>H04W 48 /-</u>	
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2021255654	<u>G16B 40 /-</u>	2021218678	<u>H02K 16 /-</u>	<u>H04W 84 /-</u>	
<u>G06N 99 /-</u>	2021221048	<u>H01M 12 /-</u>	2021214420	2021213677	
2021239845	2021221982	2021209070	<u>H02K 41 /-</u>	<u>H05B 6 /-</u>	
<u>G06Q 10 /-</u>	2021224548	<u>H01M 4 /-</u>	2021214420	2021208710	
2020432994	2021224871	2021209070		2021268914	
2021209111	2021224872				
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A61K 31/4439 (2006.01)
C07D 235/18 (2006.01)
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G06F 3/0484 (2013.01)
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G06T 7/00 (2017.01)
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G08B 21/24 (2006.01)
G06Q 50/08 (2012.01)
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E02F 9/28 (2006.01)
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G06F 8/61 (2018.01)
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A61P 1/02 (2006.01)
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C07D 401/10 (2006.01)
A61K 31/4439 (2006.01)
A61P 29/00 (2006.01)
A61P 35/00 (2006.01)
A61P 37/06 (2006.01)
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A63H 33/06 (2006.01)
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F16L 1/16 (2006.01)
F16L 11/133 (2006.01)
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C22C 1/04 (2006.01)
C22C 1/10 (2006.01)
C22C 14/00 (2006.01)
C22C 16/00 (2006.01)
C22C 27/00 (2006.01)
C22C 28/00 (2006.01)
C22C 29/02 (2006.01)
C22C 29/14 (2006.01)
C22C 29/16 (2006.01)
C22C 32/00 (2006.01)
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G01F 1/708 (2006.01)
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- (71) Westinghouse Air Brake Technologies Corporation
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 (54) SYSTEM AND METHOD FOR ADAPTIVE BRAKING
 (51) Int. Cl.
B61H 9/00 (2006.01)
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G06F 9/00 (2006.01)
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 (11) AU-B-2019457877
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H02K 9/06 (2006.01)
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E04G 21/24 (2006.01)
A47H 1/022 (2006.01)
A47H 1/08 (2006.01)
A47H 23/01 (2006.01)
A47K 3/38 (2006.01)
E04G 21/30 (2006.01)
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 (51) Int. Cl.
E04B 1/343 (2006.01)
B66C 1/16 (2006.01)
B66C 1/66 (2006.01)
F16B 1/00 (2006.01)
F16B 12/44 (2006.01)
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- (71) ZYUS Life Sciences Inc.
 (11) AU-B-2020268218
 (21) 2020268218 (22) 01.05.2020
 (54) Formulation for pain management
 (51) Int. Cl.
A61K 31/352 (2006.01)
A61K 31/05 (2006.01)
A61P 29/00 (2006.01)
C07C 39/23 (2006.01)
C07D 311/58 (2006.01)
C07D 311/80 (2006.01)
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 (72) ZETTL, Brenton Harold
 (74) WRAYS PTY LTD

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2016256671	Amphenol (Maryland), Inc.	2017267945	Knappco, LLC
2016271113	Amphivena Therapeutics, Inc.	2017269269	Frank's International, LLC
2016271147	Juno Therapeutics, Inc.	2017271004	Metrol Technology Limited
2016281670	Vallabhaneni, R.	2017271535	San Diego State University Research Foundation; CareWear Corp
2016296321	Inatherys	2017277072	Subsea 7 Norway AS
2016298229	The Trustees of the University of Pennsylvania	2017277897	NovaBiotics Limited
2016298302	New York Stem Cell Foundation, Inc.; Yissum Research Development Company of the Hebrew University of Jerusalem Ltd.	2017279747	Weatherford U.K. Limited
2016301196	Dana-Farber Cancer Institute, Inc.	2017282029	TDW Delaware, Inc.
2016302253	Research Foundation of the City University of New York	2017284762	Koks Group B.V.
2016304892	Parabel Nutrition, Inc.	2017286630	Gantry Railing Limited
2016315941	The Regents of the University of California	2017289948	OmniEarth, Inc.
2016319316	Cancer Research Technology Limited	2017295316	Fastbrick IP Pty Ltd
2016331084	Arrowhead Pharmaceuticals, Inc.	2017297672	Hilti Aktiengesellschaft
2016341501	Belgian Volition SPRL	2017298018	Resilux NV
2016342038	The Broad Institute, Inc.; Massachusetts Institute of Technology	2017302297	Footprint International, LLC
2016342048	ModernaTX, Inc.	2017302304	Q'Apel Medical, LLC
2016348639	Samumed, LLC	2017305328	Edwards Lifesciences Corporation
2016355581	Titan Spine, Inc.	2017306581	Weir Minerals Australia Ltd
2016359234	LegoChem Biosciences, Inc.	2017309949	Frito-Lay Trading Company GmbH
2016360949	LG Household & Health Care Ltd.	2017310010	Ekato Rühr- Und Mischtechnik GmbH
2016368622	Ardea Biosciences, Inc.; AstraZeneca AB	2017311506	Medeon Biodesign, Inc.
2016369479	SPX Flow Technology Danmark A/S	2017311638	T.J.Smith and Nephew, Limited
2016369631	Ardelyx, Inc.	2017312662	BIORA THERAPEUTICS, INC.
2016377259	Sensorflo Limited	2017314157	PGS Geophysical AS
2016381274	Zipwall, LLC	2017315132	CommScope Connectivity Belgium BVBA
2016382612	ExxonMobil Research and Engineering Company; BASF	2017316639	Recurium IP Holdings, LLC
2016423062	Halliburton Energy Services, Inc.	2017316661	Illumina, Inc.
2016423192	Cascade Corporation	2017317629	Société des Produits Nestlé S.A.
2016428098	Alcon Inc.	2017317634	Société des Produits Nestlé S.A.
2016433341	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2017320461	Equinor Energy AS
2017201901	SK Innovation Co., Ltd.	2017321499	Unit Solutions, Inc.
2017202558	Flow International Corporation	2017323400	F. Hoffmann-La Roche AG
2017202679	Muro Corporation	2017323509	Dual Clutch IP Limited
2017205337	Tesorx Pharma, LLC; Western University of Health Sciences	2017326745	Royal Melbourne Institute of Technology
2017208150	Electrolux Home Products, Inc.	2017327469	Resen Waves ApS
2017208252	The Boeing Company	2017328060	Revolutionary Medical Devices, Inc.
2017210215	Selux Diagnostics, Inc.	2017328982	Technip France
2017210348	Novapharm Research (Australia) Pty Ltd	2017328983	Technip France
2017210891	WellStarter AS	2017329476	VS Vereinigte Spezialmöbelfabriken GmbH & Co. KG
2017212160	Smardt Chiller Group Inc.	2017329651	SICPA HOLDING SA
2017220643	Fresenius Kabi Deutschland GmbH	2017329873	Schirnhof, L.
2017220644	Fresenius Kabi Deutschland GmbH	2017332961	Ningbo Beari Electric Co Ltd
2017222353	Doosan Fuel Cell America, Inc.	2017334556	S & B Technical Products, Inc.
2017223133	nChain Holdings Limited	2017336002	Gen-Probe Incorporated
2017224875	Biosynex	2017338785	Poynt, LLC
2017225106	Johnson & Johnson Consumer Inc.	2017339586	Holcomb Scientific Research Limited
2017225908	Qingdao Xin Shi Gang Technology Industry Co Ltd	2017340007	B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.
2017228803	Cytosorbents Corporation	2017341736	Feldan Bio Inc.
2017230729	ConocoPhillips Company	2017343675	Ellex Medical Pty Ltd
2017232193	inCTRL Solutions Inc.	2017344591	Sony Corporation
2017233235	Pulpac AB	2017344745	VTEX Industries Pty Ltd
2017234367	Tech Plas Extrusions Pty Ltd	2017349619	Ansell Limited
2017235759	Soletanche Freyssinet	2017351635	Brien Holden Vision Institute Limited
2017236018	Integra LifeSciences Switzerland Sarl	2017352642	Baoshan Iron & Steel Co., Ltd.
2017240193	OMEICOS Therapeutics GmbH; Max Delbrück-Centrum für Molekulare Medizin	2017354168	InterDigital Patent Holdings, Inc.
2017243946	OxyMo Technologies Inc.	2017355719	Southwire Company, LLC
2017246742	Electrolux Home Products, Inc.	2017357809	The Regents of The University of California
2017252490	Advanced Innergy Ltd	2017358549	Medical Brands Research B.V.
2017252689	Mer Mec S.p.A.	2017359338	Gynesonics, Inc.
2017261765	De' Longhi Appliances S.r.l.	2017362444	Lion Group, Inc.
2017264404	Illinois Tool Works Inc.	2017363248	Boston Scientific Scimed, Inc.
		2017365703	The University of Queensland
		2017365711	Edensor Group Pty Ltd
		2017367371	Aisin Keikinzoku Co.,Ltd.
		2017368446	Rheem Australia Pty Limited
		2017372463	Ethicon, Inc.
		2017375792	Caterpillar Inc.

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2017376121	Alarm.com Incorporated	2019232513	Dentsply Detrey GmbH
2017384142	Bayer CropScience Aktiengesellschaft; Bayer Aktiengesellschaft	2019257288	Becton, Dickinson and Company
2017384385	Tchibo GmbH	2019257716	Vektor Medical, Inc.
2017392487	Husqvarna AB	2019258590	NanoMed Holdings Pty Ltd
2017393112	SPI Bio Inc.	2019261308	Merck Patent GmbH; Vertex Pharmaceuticals Incorporated
2017398940	Avent, Inc.	2019261740	Grand Metal Aluminium Pty Ltd
2017402657	Frank's International, LLC	2019267144	MJN U.S. Holdings LLC
2017416807	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2019270501	Hegla GmbH & Co. KG
2017420136	Wacker Chemie AG	2019281613	Jiangsu Atom Bioscience and Pharmaceutical Co., Ltd.
2017443652	Kimberly-Clark Worldwide, Inc.	2019283764	Wageningen Universiteit
2018200756	CDE Global Limited	2019286349	Odziomek, R.
2018200836	ELAFLEX HIBY GmbH & Co. KG	2019292289	LG Electronics Inc.
2018200855	Therma-Stor LLC.	2019292296	LG Electronics Inc.
2018201477	The Boeing Company	2019293162	Nicoventures Trading Limited
2018206495	Boston Scientific Scimed, Inc.	2019303742	Vivo Mobile Communication Co., Ltd.
2018210170	Encore Medical, L.P. (d/b/a DJO Surgical)	2019320745	Eli Lilly and Company
2018213055	Takeda Pharmaceutical Company Limited	2019321280	Meredian, Inc.
2018213261	Westmeyer, P.; Mazaheri, R.	2019326633	Adlai Nortye Biopharma Co., Ltd.
2018218541	UPL Ltd	2019330806	Hendrickson USA, L.L.C.
2018218937	Crane & Co., Inc.	2019331078	Heartfelt Technologies Limited
2018220755	DePuy Ireland Unlimited Company	2019343226	Vivo Mobile Communication Co., Ltd.
2018227370	Eastman Kodak Company	2019344351	Meredian, Inc.
2018234439	Beckman Coulter, Inc.	2019344436	Warren Environmental & Coating, LLC
2018247760	Dublin City University	2019351406	Huawei Technologies Co., Ltd.
2018247907	BillerudKorsnäs AB	2019355984	W. L. Gore & Associates, Inc.
2018248131	Attenti Electronic Monitoring Ltd.	2019356751	Citrix Systems, Inc.
2018251212	Babcock, G.; Babcock Garrett, Wendy	2019359728	Samsung Electronics Co., Ltd.
2018255306	Tubemaster, Inc.	2019360880	ENERCAMP Co., Ltd.
2018257334	Sharp Kabushiki Kaisha; FG Innovation Company Limited	2019361052	W. L. Gore & Associates, Inc.
2018268965	Icopal Danmark ApS	2019362025	Channel Products, Inc.
2018272911	Novo Nordisk A/S	2019362430	Guangzhou Xaircraft Technology Co., Ltd.
2018273752	DEDRONE HOLDINGS, INC.	2019367191	Step Pharma S.A.S.
2018273887	Insmmed Incorporated	2019371949	Vivo Mobile Communication Co., Ltd.
2018274713	Origami Energy Limited	2019372304	Boston Scientific Limited
2018283053	BioCryst Pharmaceuticals, Inc.	2019374794	The Procter & Gamble Company; The Cleveland Clinic Foundation
2018289916	Sharp Kabushiki Kaisha; FG Innovation Company Limited	2019375112	Dentsply DeTrey GmbH
2018290189	Respond Growing Solutions Limited	2019375159	Ishigaki Company Limited
2018298192	China Petroleum & Chemical Corporation; Research Institute of Petroleum Processing, SINOPEC	2019383775	Watgrid, S.A.
2018303552	The Aerospace Corporation	2019383977	Nextracker Inc.
2018309176	Alarm.com Incorporated	2019387294	Novartis AG
2018311972	Loria Products LLC	2019392553	PayPal, Inc.
2018321497	Topcon Positioning Systems, Inc.	2019405137	Tableau Software, Inc.
2018321546	ACADIA Pharmaceuticals Inc.	2019405449	Polydeck Screen Corporation
2018325456	Precision Drone Services Intellectual Property, LLC	2019408359	Touchstone International Medical Science Co., Ltd.
2018328627	Maersk Drilling A/S	2019416034	Colgate-Palmolive Company
2018342472	CNH Industrial America LLC	2019418922	Haier Smart Home Co., Ltd.; Qingdao Haier Special Refrigeration Electric Appliance Co., Ltd.
2018345741	Qualcomm Incorporated	2019420955	Yunjing Intelligence Technology(Dongguan) Co.,Ltd
2018345911	Power Distribution, Inc.	2019429635	Essity Hygiene and Health Aktiebolag
2018346252	Research Development Foundation	2019430258	VR Doctor Medical Technology (Shenzhen) Co., Ltd.
2018346418	C.R. Bard, Inc.	2019430854	VR Doctor Medical Technology (Shenzhen) Co., Ltd.
2018350999	Evrys Bio, LLC	2019431324	VR DOCTOR MEDICAL TECHNOLOGY (SHENZHEN) CO., LTD.
2018370072	SLS BIO Co., Ltd.	2019432095	Suzhou Microport Orthorecon Co., Ltd.
2018370588	Genkore Co. Ltd.	2019432427	Sillumin Semiconductor Co., Ltd.
2018370857	Axcess Global Sciences, LLC	2019436585	Mitsubishi Electric Corporation
2018430381	Huawei Technologies Co., Ltd.	2019444062	China University of Mining and Technology
2018431320	Telefonaktiebolaget LM Ericsson (Publ)	2019457877	YU, R.
2018436544	China Agricultural University	2019468883	Qingdao Chenland Pharmaceutical Technology Development Co., Ltd.; Chenland Nutritionals, Inc.
2018445887	Hill's Pet Nutrition, Inc.	2020200303	THE USA, AS REPRESENTED BY THE SECRETARY, DEPT. OF HEALTH AND HUMAN SERVICES
2018451612	Hewlett-Packard Development Company, L.P.	2020201753	Canon Kabushiki Kaisha
2018452089	Northeastern University	2020202852	University of Florida Research Foundation
2018452256	Hewlett-Packard Development Company, L.P.	2020203009	Jworld Co., Ltd.
2018452265	Colgate-Palmolive Company	2020203460	The United of America, as represented by the Secretary, Department of Health and Human Services; The Research Foundation for the State University of New York
2018453622	Tcherniakovski, N.; Obshchestvo S Ogranichennoy Otvetstvennostyu "NTLAB-SC"	2020204525	Amgen Inc.
2019209469	Crinetics Pharmaceuticals, Inc.		
2019217821	Reata Pharmaceuticals, Inc.		
2019221603	Syngenta Participations AG		

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2020213377	Avitiv Specialty Materials Inc.	2021202512	Angel Group Co., Ltd.
2020213390	Commonwealth Scientific and Industrial Research Organisation	2021202530	MILWAUKEE ELECTRIC TOOL CORPORATION
2020213451	THE CHEMOURS COMPANY FC, LLC	2021202650	The Regents of the University of Michigan; University of Newcastle upon Tyne
2020213853	International Business Machines Corporation	2021202867	Uber Technologies, Inc.
2020216325	Abbott Diabetes Care Inc.	2021202992	ERIS, K.
2020216550	Tempus Ex Machina, Inc.	2021203009	Pall Corporation
2020217383	TARIS Biomedical LLC	2021203033	Forum US, Inc.
2020217436	SPRING SOLA, LLC	2021203132	Medtronic, Inc.
2020217440	Nutramax Laboratories, Inc.	2021203508	The Hilliard Corporation
2020220658	Dainihon Jochugiku Co., Ltd.	2021203650	GlaxoSmithKline Intellectual Property Development Limited
2020223771	LifeBridge Innovations, PBC	2021203672	Illumina, Inc.; Illumina Cambridge Limited
2020224102	Zoetis Services LLC	2021203781	Commonwealth Scientific and Industrial Research Organisation
2020227209	Becton Dickinson France	2021203787	Nanjing Institute of Agricultural Mechanization, Ministry of Agriculture and Rural Affairs
2020227896	Becton Dickinson France	2021203833	AT Space Pty Ltd
2020228740	Becton Dickinson France	2021204270	Eddy Current Limited Partnership
2020228948	Becton Dickinson France	2021204359	EPOCH Company, Ltd.
2020230006	Becton Dickinson France	2021204632	Sungrow Power Supply Co., Ltd.
2020230254	ELC Management LLC	2021204744	Northrop Grumman Systems Corporation
2020239651	Spinal Elements, Inc.	2021204781	Becton, Dickinson and Company
2020243278	Nicoventures Trading Limited	2021204816	Align Technology, Inc.
2020257036	ASSA ABLOY New Zealand Limited	2021205065	Sight Sciences, Inc.
2020257134	Apple Inc.	2021205110	Google LLC
2020260531	Z-Modular Holding, Inc.	2021206860	Canva Pty Ltd
2020264301	LG ELECTRONICS INC.	2021212031	Acer Incorporated
2020267192	Air Diffusion Agencies Pty Ltd	2021218245	Eddy Current Limited Partnership
2020267680	Solar Dynamics, LLC	2021232681	Acer Incorporated
2020268218	ZYUS Life Sciences Inc.	2021266364	AMVAC Hong Kong Limited
2020273296	Evolva SA	2021277717	PepsiCo, Inc.
2020273333	W. L. Gore & Associates, Inc.	2021279100	Van Der Merwe, M.
2020277088	Karyopharm Therapeutics Inc.	2022200163	CROWN EQUIPMENT CORPORATION, A Corporation of the State of Ohio
2020281087	Invuity, Inc.		
2020281140	Seagen Inc.		
2020291320	Kookmin University Industry Academy Cooperation Foundation		
2020292047	Kookmin University Industry Academy Cooperation Foundation		
2020293551	SAF-Holland GmbH		
2020294240	SHANGHAI HONGYAN RETURNABLE TRANSIT PACKAGINGS CO., LTD.		
2020294349	Delta Electronics (Shanghai) CO., LTD		
2020308488	Becton, Dickinson and Company		
2020315983	BrainChip, Inc.		
2020356799	Citrix Systems, Inc.		
2020364829	Reissner, M.; Reissner, A.; Reissner, P.		
2020403131	Oberlin Filter Co.		
2020424507	Hess Corporation		
2020427920	Intuit Inc.		
2021200027	Sungrow Power Supply Co., Ltd.		
2021200100	Dexcom, Inc.		
2021200147	Epigenetix, Inc.		
2021200155	Caterpillar Inc.		
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2021200194	Caterpillar Inc.		
2021200202	Exelixis, Inc.		
2021200452	Ariagen, Inc.		
2021200589	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.		
2021200599	Immatix Biotechnologies GmbH		
2021200857	Gilead Sciences, Inc.		
2021200966	Gilead Sciences, Inc.		
2021201187	Bayer CropScience Aktiengesellschaft		
2021201240	HFI Innovation Inc.		
2021201298	Poly-clip System GmbH & Co. KG		
2021201477	Mitsubishi Heavy Industries Compressor Corporation		
2021201582	Sandvik Mining and Construction Oy		
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2021201837	StubHub, Inc.		
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2021203787	2017210348 2018290189	2019293162	<u>A61B 18 /-</u>				
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<u>A01C 7 /-</u>	<u>A01P 21 /-</u>	<u>A41D 27 /-</u>	<u>A61B 34 /-</u>				
2018325456	2018218541	2017349619		<u>A61B 5 /-</u>	<u>A61K 51 /-</u>		
<u>A01D 34 /-</u>	<u>A01P 7 /-</u>	<u>A45D 34 /-</u>	2018206495		2017326745		
2017392487 2018342472	2020220658	2017358549		<u>A61B 5 /-</u>	<u>A61K 51 /-</u>		
<u>A01D 75 /-</u>	<u>A21C 9 /-</u>	<u>A47C 3 /-</u>		2016377259 2017312662 2017328060 2017357809 2018346252 2020216325 2021200100 2021203132 2021204781	2016271113		
2017392487	2017309949	2017329476		<u>A61B 8 /-</u>			
<u>A01G 18 /-</u>	<u>A22C 11 /-</u>	<u>A47C 7 /-</u>		2017359338 2018206495 2018346252	<u>A61K 6 /-</u>		
2018251212	2021201298	2017329476		<u>A61F 11 /-</u>	2019232513 2019375112		
<u>A01G 22 /-</u>	<u>A23C 3 /-</u>	<u>A47H 1 /-</u>		2021205065	<u>A61K 8 /-</u>		
2018251212	2016369479	2016381274			2016360949 2017225106 2017443652 2018452265 2019416034 2020230254		
<u>A01G 7 /-</u>	<u>A23G 1 /-</u>	<u>A47H 23 /-</u>	<u>A61B 8 /-</u>		<u>A61K 9 /-</u>		
2018251212	2017317629 2017317634	2016381274	2017359338 2018206495 2018346252		2016342048 2016360949 2016368622 2017205337 2017228803 2017243946 2017277897 2020224102		
<u>A01H 4 /-</u>	<u>A23J 1 /-</u>	<u>A47J 31 /-</u>	<u>A61F 11 /-</u>				
2016304892	2016304892	2017261765 2017384385 2021277717		<u>A61K 33 /-</u>			
<u>A01M 21 /-</u>	<u>A23K 10 /-</u>	<u>A47J 37 /-</u>		2017243946 2019267144			
2021203787	2018445887	2020403131		<u>A61K 35 /-</u>			
<u>A01M 7 /-</u>	<u>A23K 20 /-</u>	<u>A47K 3 /-</u>		2016271147 2016298229 2016301196 2016319316 2019267144	<u>A61L 101 /-</u>		
2021203787	2018445887	2016381274		<u>A61F 2 /-</u>	2017210348		
<u>A01N 25 /-</u>	<u>A23K 50 /-</u>	<u>A47L 11 /-</u>		2016355581 2017236018 2017305328 2018210170 2018311972 2019355984 2019361052 2020273333	<u>A61L 2 /-</u>		
2018218541 2020220658	2018445887	2017392487 2019420955		<u>A61K 36 /-</u>	2016369479 2017210348 2017271535		
<u>A01N 33 /-</u>	<u>A23L 2 /-</u>	<u>A47L 9 /-</u>		2019267144 2019374794 2020217440			
2017210348	2016369479 2018370857 2020273296	2017332961	<u>A61F 9 /-</u>				
<u>A01N 43 /-</u>							

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<u>A61L 27 /-</u>	2016369631 2017277897	2019374794	<u>B01J 27 /-</u>	2017352642	2020213377
2016355581 2019432095	<u>A61P 13 /-</u>	<u>A61Q 11 /-</u>	2018298192	<u>B25B 21 /-</u>	<u>B32B 7 /-</u>
<u>A61L 29 /-</u>	2019374794	2016360949 2019416034 2021202650	<u>B01J 37 /-</u>	2017202679 2021202530	2018201477 2019261740
2018346418	<u>A61P 25 /-</u>	<u>A61Q 17 /-</u>	2018298192	<u>B25B 23 /-</u>	<u>B41C 1 /-</u>
<u>A61M 1 /-</u>	2018321546 2019267144 2019326633 2019374794 2021200164	2017225106 2018452265	<u>B01J 8 /-</u>	2017202679	2018227370
2017228803 2017311638	<u>A61P 27 /-</u>	<u>A61Q 19 /-</u>	<u>B01L 3 /-</u>	<u>B25B 5 /-</u>	<u>B41J 2 /-</u>
<u>A61M 11 /-</u>	2019293162	2020230254	2018247760 2021203009	2021202530	2018451612 2018452256
<u>A61M 15 /-</u>	2017240193	<u>A61Q 5 /-</u>	<u>B03B 5 /-</u>	<u>B25F 1 /-</u>	<u>B41M 1 /-</u>
2017328060 2019293162	<u>A61P 29 /-</u>	2020230254	2018200756	2017365711	2017225908
<u>A61M 16 /-</u>	2017240193 2020268218 2021200147	<u>A63F 11 /-</u>	<u>B03D 3 /-</u>	<u>B25G 1 /-</u>	<u>B41N 1 /-</u>
2017328060 2017357809	<u>A61P 3 /-</u>	2021202512	2017326745	2017365711	2018227370
<u>A61M 25 /-</u>	2016369631 2019217821 2019374794 2019387294 2021200966	<u>A63H 33 /-</u>	<u>B05B 7 /-</u>	<u>B25J 13 /-</u>	<u>B41N 3 /-</u>
2017236018 2017302304 2018346418 2019361052	<u>A61P 31 /-</u>	2021204359	2019344436	2016423192	2018227370
<u>A61M 35 /-</u>	2016342048 2017243946 2018350999 2019326633 2021200857 2021203650	<u>B01D 25 /-</u>	<u>B05D 3 /-</u>	<u>B29C 45 /-</u>	<u>B42D 25 /-</u>
2017358549	<u>A61P 35 /-</u>	2019375159 2021203009	2017329651	2017334556	2018218937
<u>A61M 5 /-</u>	2016271113 2016298229 2016301196 2016319316 2017205337 2017341736 2019258590 2019261308 2019326633 2019367191 2020206640 2020217383 2020277088 2021200147 2021200202 2021200452	<u>B01D 29 /-</u>	<u>B05D 5 /-</u>	<u>B29C 48 /-</u>	<u>B60G 7 /-</u>
2017323400 2017398940 2019320745 2020204525 2020227209 2020227896 2020228740 2020228948 2020230006 2020308488	<u>A61P 35 /-</u>	2021200155 2021203009	2017329651	2019344351	2019330806
<u>A61N 1 /-</u>	<u>B01D 33 /-</u>	<u>B01D 35 /-</u>	<u>B07B 1 /-</u>	<u>B29C 49 /-</u>	<u>B60G 9 /-</u>
2021203132	2020403131	2020403131	2019405449	2017298018	2019330806
<u>A61N 2 /-</u>	<u>B01D 35 /-</u>	<u>B01D 36 /-</u>	<u>B07B 13 /-</u>	<u>B29C 51 /-</u>	<u>B60L 5 /-</u>
2020223771	2020403131	2021200155	2019405449	2017233235	2017252689
<u>A61N 5 /-</u>	<u>B01D 5 /-</u>	<u>B01D 36 /-</u>	<u>B08B 9 /-</u>	<u>B29C 65 /-</u>	<u>B60L 7 /-</u>
2017271535	2017420136	2020403131	2016369479 2017282029	2018201477	2021218245
<u>A61N 7 /-</u>	<u>B01D 53 /-</u>	<u>B01D 36 /-</u>	<u>B21D 53 /-</u>	<u>B31B 50 /-</u>	<u>B60M 1 /-</u>
2017359338	2016382612	2021200155	2020267680	2017233235	2017252689
<u>A61P 1 /-</u>	<u>B01D 53 /-</u>	<u>B01D 5 /-</u>	<u>B21F 27 /-</u>	<u>B32B 15 /-</u>	<u>B60P 3 /-</u>
2019281613 2019416034	2016382612	2017420136	2019286349	2019261740	2019270501
<u>A61P 9 /-</u>	<u>B01D 61 /-</u>	<u>B01D 53 /-</u>	<u>B21K 1 /-</u>	<u>B32B 17 /-</u>	<u>B61H 13 /-</u>
2016369631	2021203009	2016382612	2020257036	2018201477	2021202261
	<u>B01F 27 /-</u>	<u>B01D 61 /-</u>	<u>B22D 11 /-</u>	<u>B32B 23 /-</u>	<u>B61H 9 /-</u>
	2017310010	2021203009	2017367371	2017443652	2021202261
	<u>B01J 20 /-</u>	<u>B01F 27 /-</u>	<u>B22F 3 /-</u>	<u>B32B 27 /-</u>	<u>B62B 3 /-</u>
	2017228803	2017310010	2016355581	2018268965 2020210211	2019270501
	<u>B01J 23 /-</u>	<u>B01J 20 /-</u>	<u>B23B 45 /-</u>	<u>B32B 3 /-</u>	<u>B62D 33 /-</u>
	2018298192	2017228803	2021202530	2019261740 2020210211	2022200163
		<u>B01J 23 /-</u>	<u>B23K 11 /-</u>	<u>B32B 5 /-</u>	<u>B62D 53 /-</u>
		2018298192		2017443652	2020293551
				2018268965	

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<u>B63B 35 /-</u>	<u>B65G 49 /-</u>	2017316639			<u>C10B 25 /-</u>
2018328627	2019270501	<u>C07D 209 /-</u>	<u>C07D 407 /-</u>	<u>C07H 19 /-</u>	2017329873
<u>B63H 25 /-</u>	<u>B65G 57 /-</u>	2021200452	2019281613	2019258590	<u>C10B 27 /-</u>
2018328627	2017309949	<u>C07D 211 /-</u>	<u>C07D 409 /-</u>	<u>C07K 1 /-</u>	2020291320
<u>B64C 1 /-</u>	<u>B66C 1 /-</u>	2018321546	2018321546	2016304892	<u>C10B 3 /-</u>
2017208252	2020260531	2019387294	2019261308	<u>C07K 14 /-</u>	2020291320
<u>B64D 1 /-</u>	<u>B66C 7 /-</u>	<u>C07D 213 /-</u>	2021200452	2016315941	<u>C10B 47 /-</u>
2018325456	2017286630	2017316639	<u>C07D 413 /-</u>	2017341736	2020291320
2019362430		2016369631	2017316639	2018213055	2020364829
<u>B64G 1 /-</u>	<u>B66F 9 /-</u>	<u>C07D 221 /-</u>	2019261308	2018272911	
2018303552	2016423192	2019221603	2021200452	2021200599	<u>C10B 53 /-</u>
	2022200163	<u>C07D 233 /-</u>	<u>C07D 417 /-</u>	<u>C07K 16 /-</u>	2017329873
<u>B64G 99 /-</u>	<u>B67D 1 /-</u>	2018283053	2018321546	2016271113	2020364829
2018303552	2021277717	<u>C07D 235 /-</u>	2018350999	2016298229	<u>C10B 57 /-</u>
<u>B65B 3 /-</u>	<u>B67D 7 /-</u>	2021201187	2021200452	2016301196	2020291320
2017220643	2018200836	<u>C07D 239 /-</u>	<u>C07D 451 /-</u>	2018370072	<u>C10G 1 /-</u>
2017220644		<u>C07D 249 /-</u>	2018321546	<u>C07K 19 /-</u>	2020364829
<u>B65B 35 /-</u>	<u>B82Y 30 /-</u>	2017316639	<u>C07D 471 /-</u>	2016298229	<u>C10G 11 /-</u>
2017309949	2017225908	2018283053	2019326633	<u>C07K 7 /-</u>	2018298192
<u>B65B 43 /-</u>	<u>C01B 3 /-</u>	<u>C07D 249 /-</u>	2019387294	2017341736	2020364829
2017233235	2020364829	2020277088	2021201187	2018273887	
<u>B65B 5 /-</u>	<u>C01G 1 /-</u>	<u>C07D 263 /-</u>	<u>C07D 487 /-</u>	<u>C08G 18 /-</u>	<u>C10K 1 /-</u>
2017309949	2017326745	2017316639	2019326633	2020213390	2020364829
<u>B65B 51 /-</u>	<u>C01G 49 /-</u>	<u>C07D 309 /-</u>	2020206640	<u>C08G 63 /-</u>	<u>C10K 3 /-</u>
2021201298	2017326745	2021200966	2021200164	2019344351	2020364829
<u>B65D 1 /-</u>	<u>C02F 3 /-</u>	<u>C07D 311 /-</u>	2021201187	<u>C08G 65 /-</u>	<u>C10L 3 /-</u>
2017302297	2017232193	2020268218	<u>C07D 493 /-</u>	2017225106	2016382612
<u>B65D 43 /-</u>	<u>C05F 11 /-</u>	<u>C07D 401 /-</u>	2021200966	<u>C08J 7 /-</u>	<u>C10L 5 /-</u>
2017302297	2018290189	2016369631	<u>C07D 498 /-</u>	2017336002	2020291320
<u>B65D 51 /-</u>	<u>C07C 13 /-</u>	2018321546	2019326633	<u>C08L 67 /-</u>	<u>C11D 3 /-</u>
2017302297	2017316639	2019209469	2019209469	2019344351	2017210348
		2019367191	2019326633	<u>C09D 167 /-</u>	2017243946
<u>B65D 83 /-</u>	<u>C07C 39 /-</u>	2021200147	2019387294	2019321280	<u>C12G 1 /-</u>
2017358549	2020268218	2021200202	2021201187	<u>C09D 5 /-</u>	2019383775
<u>B65D 85 /-</u>	<u>C07C 51 /-</u>	<u>C07D 403 /-</u>	<u>C07F 5 /-</u>	2017316639	<u>C12G 3 /-</u>
2019270501	2016304892	2018321546	2019209469	2017225908	2019383775
2021277717	2017201901	2019261308	<u>C07F 9 /-</u>	2019321280	
<u>B65G 15 /-</u>	<u>C07C 55 /-</u>	2019367191	2018436544	<u>C09K 5 /-</u>	<u>C12L 11 /-</u>
2017309949	2016304892	2019387294	2021200857	2020213451	2019383775
		2021200452	<u>C07H 1 /-</u>	<u>C09K 8 /-</u>	<u>C12M 1 /-</u>
<u>B65G 47 /-</u>	<u>C07C 67 /-</u>	2021201187	2019217821	2021202475	2021201796
2017309949	2017316639	2016369631	<u>C07H 15 /-</u>	<u>C10B 21 /-</u>	<u>C12M 3 /-</u>
2018234439	<u>C07C 69 /-</u>	2018321546	2018273887	2017329873	2021201796
		2019367191	2019217821		
		2021200147			

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<u>C12N 1 /-</u>	<u>C22C 27 /-</u>	<u>D21H 27 /-</u>	<u>E05D 11 /-</u>	<u>E21F 1 /-</u>	2021203508
2021201796	2017306581			2017344745	<u>F16F 15 /-</u>
<u>C12N 15 /-</u>	<u>C22C 28 /-</u>	2017443652	2020257036	<u>F01C 21 /-</u>	2017235759
2016271147	2017306581	2018247907	<u>E05D 15 /-</u>	2017208252	<u>F16J 15 /-</u>
2016315941	<u>C22C 29 /-</u>	<u>E01B 9 /-</u>	2020257036	<u>F02K 9 /-</u>	2017334556
2016331084	2017306581	2017286630	<u>E05F 11 /-</u>	2021203833	<u>F16K 27 /-</u>
2016342038	<u>C22C 32 /-</u>	<u>E01C 11 /-</u>	2020257036	<u>F03B 13 /-</u>	2017220643
2017341736	2017306581	2017264404	<u>E05F 5 /-</u>	2017327469	2017267945
2018370588	<u>C22F 1 /-</u>	<u>E01D 19 /-</u>	2020257036	<u>F03G 6 /-</u>	<u>F16K 31 /-</u>
2020203460	2017367371	2017235759	<u>E21B 1 /-</u>	2017420136	2017267945
2020206640	<u>C23C 8 /-</u>	<u>E01F 7 /-</u>	2021201582	<u>F03G 7 /-</u>	<u>F16K 5 /-</u>
2020273296	2019432095	2019286349	<u>E21B 17 /-</u>	2017222353	2020294240
<u>C12N 5 /-</u>	<u>C25D 11 /-</u>	<u>E01H 1 /-</u>	2017252490	<u>F04B 1 /-</u>	<u>F16L 1 /-</u>
2016298229	2018227370	<u>E02B 3 /-</u>	<u>E21B 19 /-</u>	2020424507	2017252490
2016298302	<u>C40B 20 /-</u>	2019286349	2017269269	<u>F04B 23 /-</u>	2017320461
2016302253	2016315941	<u>E02D 23 /-</u>	2017402657	2020424507	2017328982
2016315941	<u>C40B 30 /-</u>	2017277072	<u>E21B 21 /-</u>	2020424507	<u>F16L 11 /-</u>
2017341736	2016315941	<u>E02F 9 /-</u>	2017271004	<u>F04B 47 /-</u>	2017320461
2018213055	<u>C40B 40 /-</u>	2021200194	<u>E21B 23 /-</u>	2020424507	<u>F16L 17 /-</u>
2018370588	2016315941	<u>E04B 1 /-</u>	2017269269	<u>F04D 9 /-</u>	2017334556
2019283764	<u>C40B 50 /-</u>	2017264404	<u>E21B 37 /-</u>	2021203033	<u>F16L 19 /-</u>
2020273296	2016315941	2020260531	2017271004	<u>F04F 5 /-</u>	2017334556
<u>C12P 15 /-</u>	<u>D02G 3 /-</u>	2020267680	<u>E21B 4 /-</u>	2017344745	<u>F16L 21 /-</u>
2020273296	2020203009	<u>E04B 2 /-</u>	2021201582	<u>F16B 1 /-</u>	2017334556
<u>C12P 19 /-</u>	<u>D02J 3 /-</u>	2020210211	<u>E21B 43 /-</u>	2020260531	<u>F16L 33 /-</u>
2017201901	2020203009	<u>E04C 2 /-</u>	2017320461	<u>F16B 12 /-</u>	2017334556
<u>C12Q 1 /-</u>	<u>D04H 1 /-</u>	2017234367	2020424507	2018201477	<u>F16L 37 /-</u>
2016281670	2020213377	2019261740	2021203033	2020260531	2017267945
2016319316	<u>D04H 3 /-</u>	2020210211	<u>E21B 44 /-</u>	<u>F16B 13 /-</u>	<u>F16L 47 /-</u>
2017210215	2018201477	<u>E04F 13 /-</u>	2018328627	2017297672	2017334556
2021203781	2019261740	2018201477	2021201582	<u>F16B 17 /-</u>	<u>F16L 55 /-</u>
<u>C13K 13 /-</u>	2020213377	2019261740	<u>E21B 47 /-</u>	2018201477	2017282029
2017201901	<u>D21F 5 /-</u>	<u>E04F 15 /-</u>	2017210891	<u>F16B 19 /-</u>	<u>F16L 57 /-</u>
<u>C22C 1 /-</u>	2018247907	2017264404	2017279747	2020257036	2017252490
2016355581	<u>D21H 11 /-</u>	<u>E04G 21 /-</u>	<u>E21B 49 /-</u>	<u>F16B 5 /-</u>	<u>F16L 59 /-</u>
2017306581	2017443652	2016381274	2016423062	2018201477	2017208252
<u>C22C 14 /-</u>	2018247907	2017264404	2017271004	<u>F16D 13 /-</u>	2019292289
2017306581	<u>D21H 17 /-</u>	2017295316	<u>E21B 7 /-</u>	2017323509	2019292296
<u>C22C 16 /-</u>	2017302297	<u>E04G 5 /-</u>	2017269269	2021203508	<u>F16M 1 /-</u>
2017306581	<u>D21H 25 /-</u>	2017234367	2021201582	<u>F16D 27 /-</u>	2017212160
<u>C22C 21 /-</u>	2018247907	<u>E05C 17 /-</u>	<u>E21C 35 /-</u>		
2017367371		2020257036	2021200194		

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F21V 21 /-		G01N 27 /-	2017368446	G06Q 10 /-	2018248131
2020267192	F25D 23 /-	2018247760	G05F 1 /-	2021201837	G08B 25 /-
F21Y 115 /-	2019292289	2021203672	2019432427	2021266364	2017375792
2020267192	2019292296	G01N 3 /-	G06F 13 /-	G06Q 20 /-	2017376121
F22B 1 /-	F25D 29 /-	2017225908	2018451612	2017223133	2018309176
2021201477	2019292289	G01N 30 /-	2018452256	2017338785	G09G 5 /-
F23Q 3 /-	F25J 1 /-	2019468883	G06F 16 /-	2017384385	2020257134
2019362025	2021201477	2021201796	2017295316	2019392553	G10K 11 /-
F24C 15 /-	F27B 9 /-	G01N 33 /-	2017316661	2021201837	2021200589
2017246742	2020291320	2016319316	2018431320	G06Q 30 /-	G10L 15 /-
F24C 7 /-	F27D 17 /-	2016341501	2019405137	2021201837	2020356799
2017208150	2020292047	2017210215	G06F 17 /-	2017375792	G11B 27 /-
F24F 1 /-	F27D 99 /-	2017224875	2021206860	2021266364	2021202992
2017212160	2020292047	2017232193	G06F 21 /-	G06T 11 /-	G16C 10 /-
2018200855	F41B 11 /-	2017312662	2018213261	2018206495	2018213055
F24F 3 /-	2017321499	2017341736	2018452256	2021206860	G16H 20 /-
2018200855	G01C 21 /-	2018247760	2021201837	G06T 15 /-	2019257288
F24F 5 /-	2021202867	2018234439	G06F 3 /-	2021202992	G16H 30 /-
2018200855	G01C 9 /-	2018247760	2017208150	G06T 17 /-	2019430258
F24H 1 /-	2017392487	G01R 31 /-	2018206495	2017230729	2019430854
2017368446	G01F 1 /-	2019359728	2018430381	G06T 5 /-	2019431324
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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.)

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 (11) AU-B-2021106849
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 (54) A COMPOSITION FOR PET FOOD AND METHOD OF PRODUCING THE SAME
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- (71) Hyperion Technology Pty Ltd
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 (51) Int. Cl.
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 (72) Simmonds, Tony
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 (51) Int. Cl.
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 (74) Phillips Ormonde Fitzpatrick
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 (11) AU-B-2021107396
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 (54) Thermal Energy Storage Cell
 (51) Int. Cl.
 F28D 20/02 (2006.01)
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 (72) Warburton, Graham
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- (71) Sustainable Rubber Technologies (SRT) Pty Ltd
 (11) AU-B-2021106778
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 C09K 3/32 (2006.01)
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 (31) 2021902642 (32) 23.08.21 (33) AU
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 (72) Ayoub, Rami
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- (71) Trailer Stonestar Pty Ltd
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 (54) A HYDRAULIC CONTROL SYSTEM FOR TRAILER SUPPORTING LEGS
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 B60S 9/12 (2006.01)
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 (51) Int. Cl.
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Offer to Surrender

It is hereby notified that **The Procter & Gamble Company One Procter & Gamble Plaza**, Cincinnati Ohio 45202, the Patentee of Patent 2013334861 dated 30.03.2017 for an invention titled ' Psyllium husk fumigated with methyl bromide' offers to surrender the said Patent. Any person desiring to be heard before the said offer to surrender is accepted must lodge a request to be heard within one month from the date of this journal.

Assignments Registered

2009326879 **Developpement Effenco Inc.** The patent has been assigned to **14156048 Canada Inc.**

2011304260 **Wild Guard Ltd** The patent has been assigned to **Vivo Mobile Communication Co., Ltd.**

2013209246 **Developpement Effenco Inc.** The patent has been assigned to **14156048 Canada Inc.**

Licences Registered - Section 187, Reg. 19

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

2014275575 **Parodi, F. (Holloway Black 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.

2011208625 **Novo Nordisk Health Care AG**

The earliest first regulatory approval date provided by the patentee 21 Feb 2022

For the goods **SOGROYA somapacitan**

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

2011236019 **E. R. Squibb & Sons, L.L.C.**

The earliest first regulatory approval date provided by the patentee 29 Mar 2022

For the goods **SAPHNELO anifrolumab**

Address for service : **Phillips Ormonde Fitzpatrick L 16 333 Collins St Melbourne VIC 3000 AU**

2015277786 **Takeda Pharmaceutical Company Limited**

The earliest first regulatory approval date provided by the patentee 19 Jul 2022

For the goods **EXKIVITY mobocertinib**

Address for service : **Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU**

Corrigenda

In Vol 33 , No 14 , Page(s) 1976 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name FutureVault Inc., Application No. 2017322114, under INID (31) correct the priority to read 62/383,293; under INID (32) 02.09.2016; under INID (33) US

In Vol 36 , No 17 , Page(s) 2562 under the heading **Applications Accepted - Name Index** Under the name FutureVault Inc., Applic-

Corrigenda

ation No. 2017322114, under INID (31) correct the priority to read 62/383,293; under INID (32) 02.09.2016; under INID (33) US

In Vol 36 , No 33 , Page(s) 4579 under the heading **Assignments Before Grant, Section 113 - 2020** Under the name Xilis, Inc, Application No. 2020283390, under INID (71) correct the applicant name to Xilis, Inc.

In Vol 36 , No 33 , Page(s) 4627 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Nicoventures Trading Limited, Application No. 2021209016, Under INID (72) add co-inventor CRUMP, Bridget B.

In Vol 36 , No 35 , Page(s) 4952 under the heading **Assignments Registered** Under the name Kold Kart, Application No. 2015374133, under INID (71) correct the applicant name to Kold Kart LLC

In Vol 36 , No 35 , Page(s) 4952 under the heading **Assignments Registered** Under the name Leberer Thomas, Application No. 2014289320, under INID (71) correct the applicant name to Thomas Leberer

In Vol 36 , No 35 , Page(s) 4953 under the heading **Assignments Registered** Under the name Kold Kart, Application No. 2015374133, under INID (71) correct the applicant name to Kold Kart LLC

Specifications Republished

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

- 2017220819 **Pesahov, S.**
- 2017268472 **Ovention, Inc.**
- 2017361905 **Glucomodicum Oy**
- 2019269408 **The Procter & Gamble Company**
- 2019414454 **PPG Industries Ohio, Inc.**
- 2020295360 **Risk Management Solutions, Inc.**
- 2022211830 **Ardelyx, Inc.**