



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

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General Information

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

Editorial enquiries

Contact information

Freedom of Information ACT

Professional Standards Board

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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.

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 15 Nov 2022 .

<p>Allison, I. see Allison, H. (21) 2022903496</p>	<p>(71) CFI Surgery Pty Ltd (21) 2022903481 (22) 18.11.2022 (54) Method of modelling anastomosis of channels</p>	<p>(71) Commonwealth Scientific and Industrial Research Organisation (21) 2022903484 (22) 18.11.2022 (54) PROCESS FOR REMOVING CARBON DIOXIDE FROM A GAS STREAM</p>
<p>(71) Allison, H.; Allison, I. (21) 2022903496 (22) 20.11.2022 (54) Asset Ownership FinTech Solution</p>	<p>(71) CFI Surgery Pty Ltd (21) 2022903482 (22) 18.11.2022 (54) Surgical training device</p>	<p>(71) Commonwealth Scientific and Industrial Research Organisation (21) 2022903488 (22) 18.11.2022 (54) Static mixer element</p>
<p>(71) Arakel, A.; Pact Renewables Pty Ltd (21) 2022903497 (22) 20.11.2022 (54) Controlled Solubility Potash Fertilisers and Compositions</p>	<p>(71) Chester Brown Industries Pty Ltd (21) 2022903500 (22) 21.11.2022 (54) Extractor</p>	<p>(71) Commonwealth Scientific and Industrial Research Organisation (21) 2022903490 (22) 18.11.2022 (54) Machine-learning based method and system for design of mixing devices</p>
<p>(71) AUSFAB INNOVATION PTY LTD (21) 2022903512 (22) 21.11.2022 (54) MOTORCYCLE OR TWO WHEELED VEHICLE CARRIER</p>	<p>(71) Children's Medical Research Institute (21) 2022903443 (22) 16.11.2022 (54) Gene editing systems and uses therefor</p>	<p>(71) Cope, B. (21) 2022903447 (22) 16.11.2022 (54) SYSTEM AND METHOD FOR IDENTIFYING ITEMS AND SERVICES OF INTEREST IN AN ONLINE ENVIRONMENT</p>
<p>(71) Biofactus Pty Ltd (21) 2022903420 (22) 14.11.2022 (54) Topical formulation and uses thereof</p>	<p>(71) Clancy, P. (21) 2022903440 (22) 16.11.2022 (54) A urine deflecting toilet seat system</p>	<p>(71) Cripps Clark, J. (21) 2022903444 (22) 16.11.2022 (54) The DevBauxSoak device with enforced inoperability by containment of the device in its own container as well as included infrastructure supporting auxiliary block chain functions for block chain enabled systems of any kind including in less well serviced network environments, and including proforma functions for auxiliary operation related to maintenance, device changeovers and or network changes including self-identification and delayed launch allowing for lack or intermittency of network or lower quality network including with lags, and further aligned enhancements.</p>
<p>(71) BLUEGREEN POWER TECHNOLOGIES PTY. LTD. (21) 2022903413 (22) 14.11.2022 (54) AN IMPROVED RENEWABLE ELECTRICAL POWER GENERATOR ARRANGEMENT AND A METHOD OF PRODUCING ELECTRICAL POWER GENERATION FROM SAID GENERATOR ARRANGEMENT</p>	<p>Cliffe, S. see Vance, J. (21) 2022903451</p> <p>(71) CMK Fitness Pty Ltd. (21) 2022903476 (22) 18.11.2022 (54) An exercise board</p>	<p>(71) COCCIARDI NOMINEES PTY LTD (21) 2022903477 (22) 18.11.2022 (54) BUILDING METHOD</p>
<p>(71) Broens, k. (21) 2022903494 (22) 19.11.2022 (54) The Messy Paws Mat</p>	<p>(71) Commonwealth Scientific and Industrial Research Organisation (21) 2022903442 (22) 16.11.2022 (54) Protoplast screening assay</p>	<p>(71) Calix Ltd (21) 2022903435 (22) 15.11.2022 (54) IMPROVED POZZOLANS FOR CLINKER SUBSTITUTION AND METHODS OF MANUFACTURE</p>

Provisional Applications Filed - Name Index cont'd

(71) Cripps Clark, J.
 (21) 2022903460 (22) 17.11.2022
 (54) CleanStaple is an active device/tag arrangement devised as tax neutral evidence for association of past emissions processes for neutralized scope 3 emissions in a wider range of business relationships including abatement mechanisms designating places, people, entities and other details & specified standards for robustness. The same mechanism allows evidence of : other bundled product features (eg biodiversity enhancement); other pkgs of valued offset arrangements (equiv emissions related mitigation works/ projects) and where allowable future commitments related to environmental damage repair.

DANGERFIELD, E. see MANTHRIRATHNA, M.
 (21) 2022903434

(71) Durnin, P.; Farrant-Durnin, K.
 (21) 2022903510 (22) 21.11.2022
 (54) Computer Implemented Method for Locating Points of Interest on a Work Site

(71) Elmich Pte Ltd
 (21) 2022903422 (22) 14.11.2022
 (54) Roof tray

(71) ENVENG PTY LTD
 (21) 2022903472 (22) 18.11.2022
 (54) utilises the foliage of plants as a natural barrier in place of a plain glass, wooden or concrete panels

(71) Facer Holdings Pty Ltd ATF The Facer Family Trust
 (21) 2022903489 (22) 18.11.2022
 (54) CREMATION URN

Farrant-Durnin, K. see Durnin, P.
 (21) 2022903510

(71) Ganbry Innovations Pty Ltd
 (21) 2022903459 (22) 17.11.2022
 (54) Bucket

(71) Globaltech Corporation Pty Ltd
 (21) 2022903483 (22) 18.11.2022
 (54) SYSTEMS AND METHODS OF DRILL TOOL DETECTION AND ASSESSMENT

(71) Graham, T.
 (21) 2022903464 (22) 17.11.2022
 (54) Handle for a Recreational Board

(71) Griffiths, J.
 (21) 2022903453 (22) 16.11.2022
 (54) Enhanced Data Processor

(71) Gtlog Pty Ltd
 (21) 2022903506 (22) 21.11.2022
 (54) Moulded Building Products and Moulding Methods

(71) Hamilton, M.
 (21) 2022903455 (22) 17.11.2022
 (54) Tool to position a nameplate or ornament onto a coffin.

Hancock, J. see OKane, R.
 (21) 2022903425

(71) Heidary, F.
 (21) 2022903427 (22) 15.11.2022
 (54) IVORC, an International Virtual University in Vision Science

(71) Henson, J.
 (21) 2022903454 (22) 16.11.2022
 (54) Target Recycled Hybridisation Chain Reaction

(71) Hewson, D.
 (21) 2022903470 (22) 18.11.2022
 (54) A vehicle tracking system

(71) Hexion Inc.
 (21) 2022903509 (22) 21.11.2022
 (54) Process and composition for treating an ore

(71) Hickson, D.
 (21) 2022903467 (22) 17.11.2022
 (54) METHOD AND APPARATUS FOR DIVERTING WALL-MOUNTED TAP LEAKS

(71) Houghton Leisure Products Pty Ltd
 (21) 2022903437 (22) 15.11.2022
 (54) A SURGE PROTECTOR

(71) Hunwick, R.
 (21) 2022903433 (22) 15.11.2022
 (54) Direct Carbon Capture

(71) Hydromet WA Pty Limited; Malachite Process Consulting Pty Ltd
 (21) 2022903424 (22) 14.11.2022
 (54) METHOD FOR THE PREFERENTIAL LEACH OF VALUE METALS FROM SULPHIDE CONCENTRATES

(71) Illinois Tool Works Inc.
 (21) 2022903436 (22) 15.11.2022
 (54) Slidable unit

(71) Institute of Geological and Nuclear Sciences Limited
 (21) 2022903457 (22) 17.11.2022
 (54) SYSTEMS AND METHODS FOR PERFORMING EXCHANGE MEMBRANE ELECTROLYSIS

Jackson, S. see Jackson, C.
 (21) 2022903441

Jackson, L. see Jackson, C.
 (21) 2022903441

(71) Jackson, C.; Jackson, S.; Jackson, L.
 (21) 2022903441 (22) 16.11.2022
 (54) A HOARDING SYSTEM

(71) Jordan Rail Pty Ltd
 (21) 2022903456 (22) 17.11.2022
 (54) High rail mechanism and associated high rail excavator

(71) KAKADU R & D PTY LTD
 (21) 2022903486 (22) 18.11.2022
 (54) METHOD FOR RESILIENT DECODING OF IMAGE SEQUENCES

(71) Kane, B.
 (21) 2022903495 (22) 19.11.2022
 (54) Plastic Dirt Bike Tracks

(71) Kinosis Therapeutics Pty Ltd
 (21) 2022903417 (22) 14.11.2022
 (54) Ureido oxytocin receptor agonists

(71) Lam, T.T.
 (21) 2022903439 (22) 16.11.2022
 (54) CIRCULAR ORBIT BASED WAVE ENERGY SYSTEM FOR UTILITY SCALE POWER PLANTS

(71) Li, T.
 (21) 2022903505 (22) 21.11.2022
 (54) Fuel Efficiency System

(71) Lotus Folding Walls & Doors Pty Ltd
 (21) 2022903504 (22) 21.11.2022
 (54) RETRACTABLE SEAL SYSTEM FOR MOVABLE WALL PANEL SYSTEMS

(71) Lovelight Pty Ltd
 (21) 2022903429 (22) 15.11.2022
 (54) TELESCOPIC CURTAIN RAIL

Provisional Applications Filed - Name Index cont'd

(71) MacCulloch, J.
(21) 2022903458 (22) 17.11.2022
(54) Set & Forget

Malachite Process Consulting Pty Ltd see Hydromet WA Pty Limited
(21) 2022903424

(71) MANTHRIRATHNA, M.; DANGER-FIELD, E.; YAMASAKI, S.; STOCKER, B.; TIMMER, M.
(21) 2022903434 (22) 15.11.2022
(54) 6-C-linked trehalose glycolipids

(71) Marples, C.
(21) 2022903478 (22) 18.11.2022
(54) A joinery board holding device

(71) McKelvey, K.; Monteiro, J.
(21) 2022903408 (22) 14.11.2022
(54) SCANNING BUBBLE ELECTRO-CHEMICAL MICROSCOPY

(71) Mechtech MTT Pty Ltd
(21) 2022903501 (22) 21.11.2022
(54) Personnel lifting device

(71) Mercotech Pty Ltd
(21) 2022903419 (22) 14.11.2022
(54) METHODS AND PRODUCTS FOR APPLYING BRANDING TO A MEAT PRODUCT

(71) Mercotech Pty Ltd
(21) 2022903421 (22) 14.11.2022
(54) METHODS AND PRODUCTS FOR APPLYING BRANDING TO A MEAT PRODUCT

(71) MINDAHUTTU GROUP PTY LTD
(21) 2022903446 (22) 16.11.2022
(54) CONCRETE SCREEDING APPARATUS

(71) Mitra, A.
(21) 2022903426 (22) 14.11.2022
(54) FRAME FOR ASSISTING IN STEREOTACTIC SURGERY

(71) Moghe, V.
(21) 2022903498 (22) 20.11.2022
(54) WIPING EXCESS COATING FROM HOT DIP METAL COATED STRIPS

Monteiro, J. see McKelvey, K.
(21) 2022903408

(71) Moroz Technologies Pty Ltd
(21) 2022903511 (22) 21.11.2022
(54) METHOD FOR HYPERTHERMIC TREATMENT OF CANCER AND COMPOSITION THEREFOR

(71) MORSE MICRO PTY. LTD.
(21) 2022903462 (22) 17.11.2022
(54) Methods and Apparatuses for Managing Duty Cycle in WLAN

(71) Nelson, P.
(21) 2022903493 (22) 19.11.2022
(54) SYSTEM AND METHOD

(71) NewSouth Innovations Pty Limited
(21) 2022903465 (22) 17.11.2022
(54) Co-injection of hydrogen and biomass in ironmaking for decarbonisation

(71) NewSouth Innovations Pty Limited
(21) 2022903507 (22) 21.11.2022
(54) Hydrogen combustion catalyst, process and device

(71) NewSouth Innovations Pty Ltd
(21) 2022903452 (22) 16.11.2022
(54) Hybrid steel-timber buckling restrained bracing

(71) Nova Eye, Inc.
(21) 2022903468 (22) 17.11.2022
(54) Barbed Catheter

(71) Offsite Engineering Solutions Pty Ltd
(21) 2022903503 (22) 21.11.2022
(54) Modular Building

(71) OKane, R.; Hancock, J.
(21) 2022903425 (22) 14.11.2022
(54) ELECTROCATALYTIC REACTOR THAT SIMULTANEOUSLY MAKES BOTH HYDROXYL RADICALS AND CHLORINE

(71) Oon, Y.
(21) 2022903449 (22) 16.11.2022
(54) System and method of medical story into a non-numerical spreadsheet in healthcare

Pact Renewables Pty Ltd see Arakel, A.
(21) 2022903497

(71) Planet Protector Packaging Pty Ltd
(21) 2022903502 (22) 21.11.2022
(54) Insulating bottle sleeve

(71) ResusRight Pty Ltd
(21) 2022903461 (22) 17.11.2022
(54) Resuscitation monitoring apparatus

(71) robertson, I.
(21) 2022903469 (22) 17.11.2022
(54) Bench top particle reducer box

(71) Royal Melbourne Institute of Technology
(21) 2022903491 (22) 18.11.2022
(54) Method of modifying cells

(71) Safemaster Safety Products Pty Ltd
(21) 2022903445 (22) 16.11.2022
(54) Security Device

(71) Saluda Medical Pty Ltd
(21) 2022903407 (22) 14.11.2022
(54) Devices and methods for stimulating neural tissue

(71) Saluda Medical Pty Ltd
(21) 2022903463 (22) 17.11.2022
(54) Device and method for processing parameters associated with electrophysiological responses

(71) SANTOSH HOLDINGS PTY LTD
(21) 2022903430 (22) 15.11.2022
(54) A COMPUTER SYSTEM AND A COMPUTER IMPLEMENTED METHOD FOR ASSESSMENT AND MEASUREMENT OF A WOUND

(71) Secret Stash Pty Ltd
(21) 2022903485 (22) 18.11.2022
(54) Storage system

(71) Sharpe, R.
(21) 2022903471 (22) 18.11.2022
(54) A Device for Supporting a Liner Within a Container

(71) Sitecraft Pty Ltd
(21) 2022903423 (22) 14.11.2022
(54) HAND TROLLEY

(71) Smith, G.
(21) 2022903473 (22) 18.11.2022
(54) Pitch and Bowl #2

(71) Solar Sailor Pty Ltd
(21) 2022903480 (22) 18.11.2022
(54) Autonomous Surface Vessel Assembly

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(71) Southern Classics and Customs
 (21) 2022903431 (22) 15.11.2022
 (54) Process for replicating Ford Falcon Coupe (1972 to 1978) Rear quarter panels

(71) Stabilcorp Pty Ltd
 (21) 2022903487 (22) 18.11.2022
 (54) Spreader Assembly

(71) STIP Pty Ltd
 (21) 2022903466 (22) 17.11.2022
 (54) Snow grooming apparatus for a snow sport apparatus

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(71) Stratco (Australia) Pty Limited
 (21) 2022903479 (22) 18.11.2022
 (54) Outdoor Enclosure

(71) The University of Melbourne
 (21) 2022903416 (22) 14.11.2022
 (54) Diamond surface processing

(71) The University of Newcastle
 (21) 2022903418 (22) 14.11.2022
 (54) EXTRACELLULAR VESICLES, ISOLATION AND USE AS BIOMARKERS

(71) The University of Sydney
 (21) 2022903450 (22) 16.11.2022
 (54) Optical sensing system

(71) The University of Sydney
 (21) 2022903474 (22) 18.11.2022
 (54) TSPO ligands

(71) The University of Sydney
 (21) 2022903475 (22) 18.11.2022
 (54) TSPO ligands

TIMMER, M. see MANTHRIRATHNA, M.
 (21) 2022903434

(71) Turner Family Trust
 (21) 2022903438 (22) 15.11.2022
 (54) Biological Effluent Treatment System (BETS) to treat effluent

(71) Vance, J.; Cliffe, S.
 (21) 2022903451 (22) 16.11.2022
 (54) Ceiling device installation apparatus and methods

(71) Vasquez, A.
 (21) 2022903499 (22) 21.11.2022
 (54) SYSTEM AND METHOD FOR FACILITATING IDENTIFICATION OF REPUTABLE PET BREEDERS

(71) Werner Engineering Pty Ltd
 (21) 2022903448 (22) 16.11.2022
 (54) Railcar bogey restraining apparatus

(71) Woodward, J.D.
 (21) 2022903401 (22) 12.11.2022
 (54) METHOD FOR DETERMINING A TAXATION LIABILITY

(71) Xero Limited
 (21) 2022903492 (22) 18.11.2022
 (54) Systems, methods and computer-readable media for categorising information from a visual representation of data

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(71) Yona Pty Ltd
 (21) 2022903508 (22) 21.11.2022
 (54) Modular Upright Structure

(71) Zhou, Y.
 (21) 2022903428 (22) 15.11.2022
 (54) An integrated groundsheet affixing system

(71) Zydex Pty Ltd
 (21) 2022903432 (22) 15.11.2022
 (54) APPARATUS AND METHOD FOR MAKING A STEREOLITHOGRAPHIC OBJECT

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2022903439	Lam, T.T.	2022903504	Lotus Folding Walls & Doors Pty Ltd
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2022903441	Jackson, C.; Jackson, S.; Jackson, L.	2022903506	Gtlog Pty Ltd
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2022903443	Children's Medical Research Institute	2022903508	Yona Pty Ltd
2022903444	Cripps Clark, J.	2022903509	Hexion Inc.
2022903445	Safemaster Safety Products Pty Ltd	2022903510	Durnin, P.; Farrant-Durnin, K.
2022903446	MINDAHUTTU GROUP PTY LTD	2022903511	Moroz Technologies Pty Ltd
2022903447	Cope, B.	2022903512	AUSFAB INNOVATION PTY LTD
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2022903449	Oon, Y.		
2022903450	The University of Sydney		
2022903451	Vance, J.; Cliffe, S.		
2022903452	NewSouth Innovations Pty Ltd		
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2022903459	Ganbry Innovations Pty Ltd		
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2022903462	MORSE MICRO PTY. LTD.		
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2022903465	NewSouth Innovations Pty Limited		
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2022903470	Hewson, D.		
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2022903473	Smith, G.		
2022903474	The University of Sydney		
2022903475	The University of Sydney		
2022903476	CMK Fitness Pty Ltd.		

Complete Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 15 Nov 2022 .

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

<hr/> <p>(71) "ChemImmune Therapeutics" Limited Liability Company (21) 2022256212 (22) 21.10.2022 (54) Glutarimide derivative for overcoming resistance to steroids (62) 2019384626</p> <hr/> <p>(71) Acres Technology (21) 2022263553 (22) 03.11.2022 (54) Automatic Application of a Bonus to an Electronic Gaming Device Responsive to Player Interaction With a Mobile Computing Device (62) 2017232065</p> <hr/> <p>(71) Agenus Inc. (21) 2022259823 (22) 27.10.2022 (54) Anti-CD73 antibodies and methods of use thereof (62) 2019231791</p> <hr/> <p>(71) AiCuris GmbH & Co. KG (21) 2022263540 (22) 03.11.2022 (54) N-[5-(aminosulfonyl)-4-methyl-1,3-thiazol-2-yl]-N-methyl-2-[4-(2-pyridinyl)-phenyl]-acetamide free base hemihydrate, methods of manufacture and uses thereof (62) 2021221901</p> <hr/> <p>(71) Alkermes Pharma Ireland Limited (21) 2022263543 (22) 03.11.2022 (54) Pharmaceutical compositions comprising sorbitan esters</p> <hr/> <p>(71) AllThingsEncrypted Pty Limited (21) 2022263474 (22) 31.10.2022 (54) Improved block cipher system and method (31) 2021903531 (32) 04.11.21 (33) AU</p> <hr/> <p>(71) Angel Group Co., Ltd. (21) 2022259821 (22) 27.10.2022 (54) Inspection system, inspecting device, and gaming chip (62) 2017261611</p> <hr/> <p>(71) Angel Group Co., Ltd. (21) 2022263542 (22) 03.11.2022 (54) Inspection system and cash register system (62) 2017361481</p>	<hr/> <p>(71) Apple Inc. (21) 2022263480 (22) 01.11.2022 (54) Wireless earbuds (62) 2020244539</p> <hr/> <p>(71) Auckland UniServices Limited (21) 2022259833 (22) 28.10.2022 (54) BATTERY CHARGING APPARATUS (62) 2020264313</p> <hr/> <p>Avery Dennison Corporation see Avery Dennison Corporation (21) 2022263538</p> <hr/> <p>(71) Avery Dennison Corporation; Avery Dennison Corporation (21) 2022263538 (22) 03.11.2022 (54) Processes for printing spot colors (62) 2018378193</p> <hr/> <p>(71) Batfer Investment, S.A. (21) 2022263499 (22) 02.11.2022 (54) Stuffing box compression assembly (31) 17/568,223 (32) 04.01.22 (33) US</p> <hr/> <p>(71) Bayer Aktiengesellschaft (21) 2022263462 (22) 31.10.2022 (54) Heteroaryl-triazole and heteroaryl-tetrazole compounds as pesticides (62) 2019250361</p> <hr/> <p>(71) Bayer Aktiengesellschaft (21) 2022263463 (22) 31.10.2022 (54) Heteroaryl-triazole and heteroaryl-tetrazole compounds as pesticides (62) 2019250361</p> <hr/> <p>(71) Becton, Dickinson and Company (21) 2022263533 (22) 03.11.2022 (54) Drive assembly for drug delivery system (62) 2017277661</p> <hr/> <p>(71) Beyond Architectural Pty Ltd (21) 2022263495 (22) 02.11.2022 (54) Hinge (62) 2020284271</p> <hr/> <p>(71) Biolyph, LLC (21) 2022263524 (22) 03.11.2022</p>	<hr/> <p>(54) REAGENT STORAGE DEVICES AND METHODS FOR SAME (62) 2019301671</p> <hr/> <p>(71) Bone, J. (21) 2022259862 (22) 29.10.2022 (54) Online procurement tool for small businesses</p> <hr/> <p>(71) Boston Scientific Scimed, Inc. (21) 2022259854 (22) 28.10.2022 (54) Pump assembly having a push valve for a penile prosthesis and inflatable penile prosthesis (62) 2019388756</p> <hr/> <p>(71) Briacell Therapeutics Corp. (21) 2022259857 (22) 28.10.2022 (54) Whole-cell cancer vaccines and methods for selection thereof (62) 2017224232</p> <hr/> <p>(71) Brien Holden Vision Institute Limited (21) 2022263467 (22) 31.10.2022 (54) Ophthalmic optical lens for vision correction having one or more areas of more positive power (62) 2020227053</p> <hr/> <p>(71) Canva Pty Ltd (21) 2022263478 (22) 01.11.2022 (54) Systems and methods for creating and using deformable text shapes</p> <hr/> <p>(71) Canva Pty Ltd (21) 2022263506 (22) 02.11.2022 (54) Systems and methods for creating and using deformable text shapes (62) 2022263478</p> <hr/> <p>(71) CATERPILLAR INC. (21) 2022263514 (22) 02.11.2022 (54) OPTIMIZED OPERATION PLAN FOR A POWER SYSTEM (31) 17/455,865 (32) 19.11.21 (33) US</p> <hr/> <p>(71) CATERPILLAR INC. (21) 2022263515 (22) 02.11.2022 (54) BATTERY SUPPORT SERVICE VEHICLE (31) 17/537,281 (32) 29.11.21 (33) US</p>
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(71) Caterpillar Underground Mining Pty. Ltd.
(21) 2022263512 (22) 02.11.2022
(54) COMPACT ACTUATED SHEAR PIN
(31) 17/531,493 (32) 19.11.21 (33) US

(71) CBG Systems International Pty Ltd
(21) 2022268341 (22) 09.11.2022
(54) A thermal and/or fire resistant panel, a mounting assembly, and a kit
(62) 2020289767

(71) Chevron U.S.A. Inc.
(21) 2022263465 (22) 31.10.2022
(54) Compositions and methods for removing heavy metals from fluids
(62) 2020286331

(71) Colgate-Palmolive Company
(21) 2022263452 (22) 31.10.2022
(54) Oral care implement
(62) 2020294204

(71) COMFITPRO (PTY) LTD
(21) 2022259841 (22) 28.10.2022
(54) A Lawn Bowl

(71) ConMed Corporation
(21) 2022259824 (22) 27.10.2022
(54) SYSTEM FOR REPAIRING SOFT TISSUE TEARS
(62) 2019346660

Crane Security Technologies, Inc. see Visual Physics, LLC
(21) 2022263490

(71) Dana-Farber Cancer Institute, Inc.
(21) 2022259851 (22) 28.10.2022
(54) Composition and methods of genome editing of B-cells
(62) 2016243052

(71) DBK David + Baader GmbH
(21) 2022263491 (22) 01.11.2022
(54) Apparatus for drying rooms
(62) 2016200001

(71) Deere & Company
(21) 2022263529 (22) 03.11.2022
(54) Distribution tube for static mixer
(31) 63/291,706 (32) 20.12.21 (33) US
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(71) Dexcom, Inc.
(21) 2022263527 (22) 03.11.2022
(54) System and method for decision support using lifestyle factors
(62) 2020233711

(71) Disney Enterprises, Inc.; ETH Zürich (Eidgenössische Technische Hochschule Zürich)
(21) 2022263508 (22) 02.11.2022
(54) Synthesizing sequences of 3D geometries for movement-based performance
(31) 17/526,608 (32) 15.11.21 (33) US

(71) Drone Go Home, LLC
(21) 2022263468 (22) 31.10.2022
(54) Drone Defense System
(62) 2016359607

(71) E. I. DU PONT DE NEMOURS AND COMPANY
(21) 2022259849 (22) 28.10.2022
(54) TRANSESTERIFIED FURAN BASED POLYESTERS AND ARTICLES MADE THEREFROM
(62) 2020294272

(71) Editas Medicine, Inc.
(21) 2022259838 (22) 28.10.2022
(54) CRISPR/CAS-related methods and compositions for improving transplantation
(62) 2016276702

(71) Emesent Pty Ltd
(21) 2022259832 (22) 28.10.2022
(54) Target detection in a point cloud
(31) 2021903451 (32) 28.10.21 (33) AU

(71) ENEOS Corporation
(21) 2022259860 (22) 28.10.2022
(54) Method For Diagnosing Fault In Pressure Gauge Of Hydrogen Charging System, And Method For Calibrating Pressure Gauge Of Hydrogen Charging System
(62) 2019246446

(71) Epizyme, Inc.
(21) 2022263523 (22) 03.11.2022
(54) EZH2 INHIBITORS FOR TREATING LYMPHOMA
(62) 2020244382

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(71) Exeloo Limited
(21) 2022259850 (22) 28.10.2022
(54) A MOUNTING ASSEMBLY FOR A SLIDING DOOR
(31) 2022900656 (32) 17.03.22 (33) AU

(71) F. Hoffmann-La Roche AG
(21) 2022262918 (22) 31.10.2022

(54) Humanized anti-human CD19 antibodies and methods of use
(62) 2016333511

(71) Faubert, J.
(21) 2022259843 (22) 28.10.2022
(54) Perceptual-Cognitive-Motor Learning System and Method
(62) 2020227070

(71) Filtercorp International Limited
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(54) IMPROVEMENTS IN OR FOR FILTRATION SYSTEMS
(62) 2020223735

(71) Fisher & Paykel Healthcare Limited
(21) 2022263469 (22) 31.10.2022
(54) SENSING FOR RESPIRATORY CIRCUITS
(62) 2017300912

(71) Fisher & Paykel Healthcare Limited
(21) 2022263547 (22) 03.11.2022
(54) MEDICAL TUBES AND METHODS OF MANUFACTURE
(62) 2020203451

(71) Fisher & Paykel Healthcare Limited
(21) 2022268281 (22) 07.11.2022
(54) APPARATUS FOR USE IN A RESPIRATORY SUPPORT SYSTEM
(62) 2021201712

(71) Genmab A/S
(21) 2022259847 (22) 28.10.2022
(54) AXL-specific antibody-drug conjugates for cancer treatment
(62) 2016292762

(71) Gilead Sciences, Inc.
(21) 2022259840 (22) 28.10.2022
(54) Crystalline forms of (S) 2 ethylbutyl 2 (((S) (((2R,3S,4R,5R) 5 (4aminopyrrolo[2,1-f] [1,2,4]triazin-7-yl)-5-cyano-3,4-dihydroxytetrahydrofuran-2 yl)methoxy) (phenoxy)phosphoryl)amino)propanoate
(62) 2021201386

(71) Globaltech Corporation Pty Ltd
(21) 2022263521 (22) 02.11.2022
(54) Improvements to downhole surveying and core sample orientation systems, devices and methods
(62) 2021201116

(71) Gogigit, LLC
(21) 2022263551 (22) 03.11.2022
(54) Digital imaging production management devices and processes
(31) 17/528,458 (32) 17.11.21 (33) US

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(71) Graham, D.
(21) 2022263476 (22) 31.10.2022
(54) DEVICE FOR CONVERTING MECHANICAL POWER TO ELECTRICAL POWER

(71) Green Spot Technologies SAS
(21) 2022263502 (22) 02.11.2022
(54) A process and composition for an improved flour product
(62) 2017367535

(71) Guangdong Wireking Housewares & Hardware Co., Ltd
(21) 2022263507 (22) 02.11.2022
(54) TWISTABLE AND STACKABLE SHELF AND CONNECTING DEVICE THERE-OF
(31) 202220721731.5 (32) 30.03.22 (33) CN

(71) Hark Medical Research Pty Ltd
(21) 2022259848 (22) 28.10.2022
(54) Apparatus, system and process

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(21) 2022259831

(71) Hemanext Inc.
(21) 2022259846 (22) 28.10.2022
(54) METHODS FOR MANAGING ADVERSE EVENTS IN PATIENT POPULATIONS REQUIRING TRANSFUSION
(62) 2017281514

(71) Hemanext Inc.
(21) 2022263500 (22) 02.11.2022
(54) ANAEROBIC BLOOD STORAGE CONTAINERS
(62) 2020203650

(71) HGCI, Inc.
(21) 2022263486 (22) 01.11.2022
(54) HEAT SINK FOR LIGHT FIXTURE FOR INDOOR GROW APPLICATION
(62) 2021240251

(71) Howmedica Osteonics Corp.
(21) 2022263534 (22) 03.11.2022
(54) Shoulder prosthesis components and assemblies
(62) 2021250994

(71) Huawei Technologies Co., Ltd.
(21) 2022263516 (22) 02.11.2022
(54) METHOD FOR DISPLAYING CURRENT GEOGRAPHICAL LOCATION ON EMERGENCY CALL SCREEN AND TERMINAL
(62) 2021200254

(71) I.G.B. S.r.l.
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(54) TAMPER-EVIDENT CONTAINER AND PROCESS OF MAKING THE SAME

(71) iBasis, Inc.
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(54) Internet of things services architecture
(62) 2018292539

(71) Immunext, Inc.
(21) 2022263520 (22) 02.11.2022
(54) Anti-CD154 antibody having improved binding, functional and safety characteristics and use in human immunotherapy
(62) 2016294417

(71) INCYTE HOLDINGS CORPORATION
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(54) BIPYRAZOLE DERIVATIVES AS JAK INHIBITORS
(62) 2021202685

(71) Industrial Galvanizers Corporation Pty Ltd
(21) 2022263545 (22) 03.11.2022
(54) A SUPPORT
(62) 2015417231

(71) Inflazome Limited
(21) 2022263464 (22) 31.10.2022
(54) Novel sulfonamide carboxamide compounds
(62) 2018297606

(71) Inovio Pharmaceuticals, Inc.
(21) 2022263546 (22) 03.11.2022
(54) Cancer vaccines targeting LEMD1 and uses thereof
(62) 2018384824

(71) i-SENS, Inc.
(21) 2022263519 (22) 02.11.2022
(54) Body-attachable unit for continuously measuring blood glucose
(62) 2019347534

(71) J.C. Bamford Excavators Limited
(21) 2022263488 (22) 01.11.2022
(54) A WORKING MACHINE
(31) 2115761.5 (32) 03.11.21 (33) GB

(71) J & S Joyce Pty Ltd
(21) 2022259853 (22) 28.10.2022
(54) Improvements in Building Construction
(62) 2018337065

(71) Jahn, A.
(21) 2022263483 (22) 01.11.2022
(54) Pressure vessel with multiple lateral outflow openings
(31) 10 2021 212 342.2 (32) 02.11.21 (33) DE

(71) Jahn, A.
(21) 2022263485 (22) 01.11.2022
(54) Pressure containers and pressure container assortment
(31) 10 2021 128 723.5 (32) 04.11.21 (33) DE

(71) JHUNJHUNWALA, S.
(21) 2022268303 (22) 08.11.2022
(54) A WOVEN TEXTILE FABRIC
(31) IN 202221050061 (32) 01.09.22 (33) IN

(71) JHUNJHUNWALA, S.
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(31) IN 202221050306 (32) 03.09.22 (33) IN

(71) JHUNJHUNWALA, S.
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(54) A WOVEN TEXTILE FABRIC
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(71) JHUNJHUNWALA, S.
(21) 2022271409 (22) 15.11.2022
(54) A WOVEN TEXTILE FABRIC
(31) IN 202221055978 (32) 29.09.22 (33) IN

(71) Jiangsu Jianghai Lubrication & Hydraulic Equipment Co., Ltd.
(21) 2022263510 (22) 02.11.2022
(54) DISTRIBUTED SYNCHRONOUS CONDENSER LUBRICATING OIL SYSTEM AND CONTROL METHOD THEREFOR
(31) 202111309599.3 (32) 06.11.21 (33) CN

Jinko Solar Co., Ltd. see Zhejiang Jinko Solar Co., Ltd.
(21) 2022263505

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(21) 2022263498

(71) John Crane UK Ltd.
(21) 2022259856 (22) 28.10.2022
(54) Systems and methods for predictive diagnostics for mechanical systems
(62) 2020203135

(71) Johnson & Johnson Surgical Vision, Inc.
(21) 2022263530 (22) 03.11.2022
(54) Compositions and methods for treating the eye
(62) 2020273321

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(71) Joint Stock Company Krasnoyarsk
Hydropower Plant (JSC Krasnoyarsk
HPP)
(21) 2022259812 (22) 27.10.2022
(54) A METHOD FOR FORMING A FILM
OF A PEROVSKIT-LIKE MATERIAL
(62) 2018441994

(71) Joy Global Underground Mining LLC
(21) 2022263532 (22) 03.11.2022
(54) Mining machine with multiple cutter
heads
(62) 2017211411

(71) Juno Therapeutics, Inc.
(21) 2022263539 (22) 03.11.2022
(54) Methods for transduction and cell pro-
cessing
(62) 2020233623

(71) Kwesst Inc.
(21) 2022259822 (22) 27.10.2022
(54) LOW ENERGY CARTRIDGE

(71) La Vit Technology LLC
(21) 2022259825 (22) 27.10.2022
(54) Capsule Based System for Preparing
and Dispensing a Beverage
(62) 2021200699

(71) LG ELECTRONICS INC.
(21) 2022263513 (22) 02.11.2022
(54) CLEANING APPARATUS
(62) 2021201319

(71) Lifetime Products, Inc.
(21) 2022263455 (22) 31.10.2022
(54) Dual Color Blow Molding Process
(62) 2021200305

(71) Lighthouse Pools; Phillips, D.
(21) 2022263526 (22) 03.11.2022
(54) Swimming machine
(31) GB2115917.3 (32) 05.11.21 (33) GB

(71) Limacorporate S.p.A.
(21) 2022271402 (22) 15.11.2022
(54) Improved glenoid anchor for a shoulder
joint prosthesis
(62) 2020233662

(71) Lin, C.
(21) 2022263459 (22) 31.10.2022
(54) Swingable chair chassis
(31) 110215259 (32) 22.12.21 (33) TW

(71) Longyear TM, Inc.
(21) 2022263484 (22) 01.11.2022

(54) Drill rods having stabilizers, and sys-
tems and methods comprising same

(71) Lucira Health, Inc.
(21) 2022263544 (22) 03.11.2022
(54) SELECTIVELY VENTED BIOLOGICAL
ASSAY DEVICES AND ASSOCIATED
METHODS
(62) 2017232344

(71) Lyteloop Technologies, LLC
(21) 2022259842 (22) 28.10.2022
(54) Apparatus and method for storing wave
signals in a cavity
(62) 2019312672

(71) Lyteloop Technologies, LLC
(21) 2022263504 (22) 02.11.2022
(54) Systems and methods for building, op-
erating and controlling multiple amplifi-
ers, regenerators and transceivers us-
ing shared common components
(62) 2019377800

(71) Macquarie University
(21) 2022259835 (22) 28.10.2022
(54) Direction of arrival estimation
(62) 2017351742

(71) MATTHEWS, A.
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(54) self sustaining power system

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Medizin in der Helmholtz-Gemeinschaft
(21) 2022263525 (22) 03.11.2022
(54) Enhanced sleeping beauty transpo-
sions, kits and methods of transposition
(62) 2017232265

(71) MFS Pharmaceuticals Limited
(21) 2022259844 (22) 28.10.2022
(54) Pharmaceutical Combinations for Treat-
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(71) MGI Tech Co., Ltd.
(21) 2022259861 (22) 29.10.2022
(54) BIOSENSORS FOR BIOLOGICAL OR
CHEMICAL ANALYSIS AND METH-
ODS OF MANUFACTURING THE
SAME
(62) 2018237066

(71) Monsanto Technology LLC
(21) 2022263541 (22) 03.11.2022

(54) Novel RNA-guided nucleases and uses
thereof
(62) 2016334225

(71) MOTO SPIRIT
(21) 2022263494 (22) 01.11.2022
(54) Impact-resistant turn signal for motor-
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(71) Munters Corporation
(21) 2022263511 (22) 02.11.2022
(54) Direct Evaporative Cooling System with
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(62) 2017262640

(71) Myota, Inc.
(21) 2022263473 (22) 31.10.2022
(54) Method And System For Distributed
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Resilience, And Control
(62) 2020279052

(71) Nanjing Movelaser Technology Co., Ltd.
(21) 2022263477 (22) 01.11.2022
(54) WIND FIELD INFORMATION MEAS-
UREMENT METHOD AND NA-
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(62) 2018451571

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(54) Particle Comprising at Least One Ferri-
magnetic or Ferromagnetic Iron Oxide
Nanoparticle Associated with at Least
One Compound for Medical Or Cosmet-
ic Use
(62) 2016342477

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(54) SYSTEMS AND METHODS FOR CON-
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(21) 2022263460 (22) 31.10.2022
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ment of congenital adrenal hyperplasia
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(54) Thing machine systems and methods
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(54) Automated data tokenization through networked sensors
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(21) 2022259852 (22) 28.10.2022
(54) SPINNING SOLUTION, AND ALGINATE FIBER COMPRISING CANNABIDIOL, METHOD FOR PRODUCING THE SAME, AND USE THEREOF
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(54) FUSED DIHYDRO-4H-PYRAZOLO[5,1-C][1,4]OXAZINYL COMPOUNDS AND ANALOGS FOR TREATING CNS DISORDERS
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(71) PNG Forest Products Limited
(21) 2022263457 (22) 31.10.2022
(54) Prefabricated bridge module and method for fabrication thereof
(62) 2021200149

(71) Preen, C.; Hasenkam, B.
(21) 2022259831 (22) 28.10.2022
(54) IMPROVED STUB-AXLE ASSEMBLY AND ADJUSTMENT METHOD
(31) 2021903658 (32) 15.11.21 (33) AU

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(54) Compositions and methods for detecting and treating gastric cancer
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(54) SYSTEMS AND METHODS FOR ADAPTIVE PROPER NAME ENTITY RECOGNITION AND UNDERSTANDING
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(71) REVOLUTION AG PTY LTD
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(54) Process for reclamation of carpet
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(54) Stabilising Device
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(54) Device, method and system for detecting nicotine
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(54) Wheelie bin wind protection arms. Stop Wheelie bins blowing over.

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(54) Layered composite articles and methods of making same
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(54) POOL CLEANING ROBOT AND CONTROL METHOD THEREOF
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(54) Compounds that interact with the Ras superfamily for the treatment of cancers, inflammatory diseases, Rasopathies, and fibrotic disease
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(71) Siemens Mobility GmbH
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(54) Method and apparatus for identifying properties of a vehicle
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(71) Siemens Mobility GmbH
(21) 2022263518 (22) 02.11.2022
(54) Method and computing environment for creating and applying a test algorithm for computational processes
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(71) Sonos, Inc.
(21) 2022259837 (22) 28.10.2022
(54) Systems and methods for networked music playback
(62) 2020239784

(71) Spark, I.
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(54) Improved Controlled Differential
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(21) 2022263481 (22) 01.11.2022
(54) High-Pressure Sealing of Spray Nozzle Assemblies
(62) 2017250007

(71) SRC, Inc.
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(54) Wideband Monopole Antenna
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(54) FUSION CAGE WITH INTEGRATED FIXATION AND INSERTION FEATURES
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(54) Methods of detection and removal of rhabdoviruses from cell lines
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(21) 2022263528 (22) 03.11.2022
(54) CEMENTITIOUS REAGENTS, METHODS OF MANUFACTURING AND USES THEREOF
(62) 2020303728

(71) Terra Quantum AG
(21) 2022263492 (22) 01.11.2022
(54) METHOD AND SYSTEM FOR PERFORMING CRYPTOCURRENCY ASSET TRANSACTIONS
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(71) The Trustees of the University of Pennsylvania
(21) 2022263479 (22) 01.11.2022
(54) Modified monocytes/macrophage expressing chimeric antigen receptors and uses thereof
(62) 2016298229

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(21) 2022263552 (22) 03.11.2022
(54) GLP-1 And Use Thereof In Compositions For Treating Metabolic Diseases
(62) 2016302335

(71) Transportation IP Holdings, LLC
(21) 2022259834 (22) 28.10.2022
(54) POSITIONING DATA VERIFICATION SYSTEM
(62) 2019366249

(71) TREELINE WELL SERVICES LP
(21) 2022259855 (22) 28.10.2022
(54) PORTABLE DOWNFORCE SYSTEM AND METHOD
(31) 17/973,094 (32) 25.10.22 (33) US

(71) Tsinghua University
(21) 2022263456 (22) 31.10.2022
(54) PRECISE MAGNETIC FIELD DETECTION METHOD AND SYSTEM BASED ON OPTICAL CAVITY OF MAGNETOSTRICTIVE MATERIAL
(62) 2018422091

(71) Uber Technologies, Inc.
(21) 2022263461 (22) 31.10.2022
(54) Automobile accident detection using machine learned model
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(71) Vale S.A.
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(54) Equipment for replacement rollers in belt conveyors and a method for replacement rollers in belt conveyors
(31) 10 2021 022359 6 (32) 08.11.21 (33) BR

(71) Visual Physics, LLC; Crane Security Technologies, Inc.
(21) 2022263490 (22) 01.11.2022

(54) An improved polymeric sheet material for use in making polymeric security documents such as banknotes
(62) 2020230332

(71) Vorwerk & Co. Interholding GmbH
(21) 2022259829 (22) 28.10.2022
(54) Rechargeable electric food thermometer and charging device
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(71) Voudouris, V.
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(21) 2022263554

(71) Watkins, P.; Watkins, A.
(21) 2022263554 (22) 03.11.2022
(54) Manual hand tool to comfortably pick up dog, cat and poultry faeces
(31) 2022903267 (32) 02.11.22 (33) AU

(71) Weng, N.D.Y.
(21) 2022259863 (22) 30.10.2022
(54) PRESSURISED VAPORISATION DEVICE

(71) Zhejiang Jinko Solar Co., Ltd.; Jinko Solar Co., Ltd.
(21) 2022263505 (22) 02.11.2022
(54) SOLAR MODULE
(31) 202210037575.5 (32) 13.01.22 (33) CN

(71) ZHEJIANG JINKO SOLAR CO., LTD.; JINKO SOLAR CO., LTD.
(21) 2022263498 (22) 02.11.2022
(54) SOLAR CELL AND PHOTOVOLTAIC MODULE
(31) CN (32) 08.09.22 (33) CN
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2022256212	"ChemImmune Therapeutics" Limited Liability Company	2022263470	Rodman, K.
2022259812	Joint Stock Company Krasnoyarsk Hydropower Plant (JSC Krasnoyarsk HPP)	2022263471	President and Fellows of Harvard College
2022259821	Angel Group Co., Ltd.	2022263472	The Traffics Network Technology
2022259822	Kwesst Inc.	2022263473	Myota, Inc.
2022259823	Agenus Inc.	2022263474	AllThingsEncrypted Pty Limited
2022259824	ConMed Corporation	2022263475	Roberts Nonwoven Consulting
2022259825	La Vit Technology LLC	2022263476	Graham, D.
2022259826	Takeda Vaccines, Inc.	2022263477	Nanjing Movelaser Technology Co., Ltd.
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2022259828	PGI Drug Discovery LLC.; Sunovion Pharmaceuticals Inc.	2022263479	The Trustees of the University of Pennsylvania
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2022259830	Nanobacterie	2022263481	Spray Nozzle Engineering Pty Ltd
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2022259832	Emesent Pty Ltd	2022263483	Jahn, A.
2022259833	Auckland UniServices Limited	2022263484	Longyear TM, Inc.
2022259834	Transportation IP Holdings, LLC	2022263485	Jahn, A.
2022259835	Macquarie University	2022263486	HGCI, Inc.
2022259837	Sonos, Inc.	2022263487	Filtercorp International Limited
2022259838	Editas Medicine, Inc.	2022263488	J.C. Bamford Excavators Limited
2022259839	Northrup, C.	2022263489	Norton (Waterford) Limited
2022259840	Gilead Sciences, Inc.	2022263490	Visual Physics, LLC; Crane Security Technologies, Inc.
2022259841	COMFITPRO (PTY) LTD	2022263491	DBK David + Baader GmbH
2022259842	Lyteloo Technologies, LLC	2022263492	Terra Quantum AG
2022259843	Faubert, J.	2022263493	MATTHEWS, A.
2022259844	MFS Pharmaceuticals Limited	2022263494	MOTO SPIRIT
2022259845	MFS Pharmaceuticals Limited	2022263495	Beyond Architectural Pty Ltd
2022259846	Hemanext Inc.	2022263496	Voudouris, V.
2022259847	Genmab A/S	2022263497	Promptu Systems Corporation
2022259848	Hark Medical Research Pty Ltd	2022263498	ZHEJIANG JINKO SOLAR CO., LTD.; JINKO SOLAR CO., LTD.
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2022259850	Exeloo Limited	2022263500	Hemanext Inc.
2022259851	Dana-Farber Cancer Institute, Inc.	2022263502	Green Spot Technologies SAS
2022259852	PELL Bio-Med Technology Co., Ltd	2022263503	Progastrine et Cancers S.à.r.l.
2022259853	J & S Joyce Pty Ltd	2022263504	Lyteloo Technologies, LLC
2022259854	Boston Scientific Scimed, Inc.	2022263505	Zhejiang Jinko Solar Co., Ltd.; Jinko Solar Co., Ltd.
2022259855	TREELINE WELL SERVICES LP	2022263506	Canva Pty Ltd
2022259856	John Crane UK Ltd.	2022263507	Guangdong Wireking Housewares & Hardware Co., Ltd
2022259857	Briacell Therapeutics Corp.	2022263508	Disney Enterprises, Inc.; ETH Zürich (Eidgenössische Technische Hochschule Zürich)
2022259859	Shaw Industries Group, Inc.	2022263510	Jiangsu Jianghai Lubrication & Hydraulic Equipment Co., Ltd.
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2022259861	MGI Tech Co., Ltd.	2022263512	Caterpillar Underground Mining Pty. Ltd.
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2022259863	Weng, N.D.Y.	2022263514	CATERPILLAR INC.
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2022259865	Ruscigno, S.	2022263516	Huawei Technologies Co., Ltd.
2022262918	F. Hoffmann-La Roche AG	2022263517	STRYKER EUROPEAN OPERATIONS HOLDINGS LLC
2022263450	iBasis, Inc.	2022263518	Siemens Mobility GmbH
2022263451	NAVICO HOLDING AS	2022263519	i-SENS, Inc.
2022263452	Colgate-Palmolive Company	2022263520	Immunext, Inc.
2022263453	SRC, Inc.	2022263521	Globaltech Corporation Pty Ltd
2022263454	INCYTE HOLDINGS CORPORATION	2022263523	Epizyme, Inc.
2022263455	Lifetime Products, Inc.	2022263524	Biolyph, LLC
2022263456	Tsinghua University	2022263525	Max-Delbrück-Centrum für Molekulare Medizin in der Helmholtz-Gemeinschaft
2022263457	PNG Forest Products Limited	2022263526	Lighthouse Pools; Phillips, D.
2022263458	Siemens Mobility GmbH	2022263527	Dexcom, Inc.
2022263459	Lin, C.	2022263528	Terra CO2 Technology Holdings, Inc.
2022263460	Neurocrine Biosciences, Inc.	2022263529	Deere & Company
2022263461	Uber Technologies, Inc.	2022263530	Johnson & Johnson Surgical Vision, Inc.
2022263462	Bayer Aktiengesellschaft	2022263531	PayPal, Inc.
2022263463	Bayer Aktiengesellschaft	2022263532	Joy Global Underground Mining LLC
2022263464	Inflazome Limited	2022263533	Becton, Dickinson and Company
2022263465	Chevron U.S.A. Inc.	2022263534	Howmedica Osteonics Corp.
2022263466	I.G.B. S.r.l.	2022263536	Nunhems B.V.
2022263467	Brien Holden Vision Institute Limited		
2022263468	Drone Go Home, LLC		
2022263469	Fisher & Paykel Healthcare Limited		

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2022263538 Avery Dennison Corporation; Avery Dennison Corporation
2022263539 Juno Therapeutics, Inc.
2022263540 AiCuris GmbH & Co. KG
2022263541 Monsanto Technology LLC
2022263542 Angel Group Co., Ltd.
2022263543 Alkermes Pharma Ireland Limited
2022263544 Lucira Health, Inc.
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2022268281 Fisher & Paykel Healthcare Limited
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Applications Lapsed, Refused Or Withdrawn, Patents Ceased or Expired

Reference to the application numbers must include the year of the application of the patent, which is shown preceding the numbers.
The codes next to each number have the following meanings:

Code Meaning

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

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

- N Applications not Open to Public Inspection

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 2022221574 (7AN) 2022224695 (7AN) 2022224720 (17AN)
 2022224801 (7AN) 2022235542 (12A) 2022263541 (12AN)
 2022271402 (12AN) 2022900021 (12AN)

Assignments before Grant, Section 113

2017

2017297718 Solural Pharma ApS; Contera Pharma A/S The application has been assigned to **Contera Pharma A/S**

2018

2018288019 Vertex Components Limited The application has been assigned to **Rite Tech Group Limited**

2018328291 Maverick Therapeutics, Inc. The application has been assigned to **Takeda Pharmaceutical Company Limited**

2018370383 Mako Networks NZ Limited The application has been assigned to **Mako Networks, Inc.**

2019

2019217331 Collins, Nathan; Madrid, Peter; Malerich, Jeremiah; Latendresse, Mario; Krummenacker, Markus The application has been assigned to **SRI International**

2019272610 DEHN SE + Co KG The application has been assigned to **DEHN SE**

2019277016 DREHSEL, Arno The application has been assigned to **KOMET AUSTRIA GmbH**

2019362453 DEHN SE + Co KG The application has been assigned to **DEHN SE**

Assignments before Grant, Section 113

2020

2020276477 **Punchbowl Packaging Limited** The application has been assigned to **PunchBowl Automation IP Limited**

2020391574 **Punchbowl Packaging Limited** The application has been assigned to **PunchBowl Automation IP Limited**

2022

2022202285 **Vuckovic M.D., LLC, Alexander** The application has been assigned to **HedoniaUSA, Inc.**

2022901971 **Badcock, Rod; Bumby, Christopher; Brooks, Justin; Matairea-Cole, Ratu** The application has been assigned to **Victoria Link Limited**

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.

2016

2016313437 **Ryan, R.** An application to extend the time from 24 Nov 2021 to 24 Feb 2023 in which to gain acceptance has been filed . Address for service - **Acacia Law PO BOX 1279 Milton QLD 4064 AU**

Applications Allowed - Section 223(2)

2005

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

2010

2010336015 **Minmetals Australia Pty Ltd** The time in which to pay a renewal fee has been extended to 22 Jul 2022 . Address for service - **Minmetals Australia Pty Ltd 8th Floor 564 St Kilda Road Melbourne VIC 3004 AU**

2014

2014101382 **3D Living Pty Ltd** The time in which to pay a renewal fee has been extended to 18 Aug 2022 . Address for service - **Churchill Attorneys PO Box 3238 BURNLEY NORTH VIC 3121 AU**

2016

2016256830 **Diverse Industries Intl. Pty. Ltd.** The time in which to gain acceptance has been extended to 06 Feb 2023 . Address for service - **FPA Patent Attorneys Pty Ltd GPO Box 469 Sydney NSW 2001 AU**

2017

2017101883 **Shenzhen Institutes of Advanced Technology** The time in which to pay a renewal fee has been extended to 20 Jul 2022 . Address for service - **Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU**

Extensions of Time, Section 223

2018

2018204032 **BIG ADVENTURES, LLC** The time in which to pay a renewal fee has been extended to 22 Jun 2022 . 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** The time in which to pay a renewal fee has been extended to 20 Jun 2022 . 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** The time in which to pay a renewal fee has been extended to 16 Jul 2022 . Address for service - **FB Rice Pty Ltd L 33 477 Collins Street Melbourne VIC 3000 AU**

2018335246 **Sestec Innovations Sp. z o.o.** The time in which to request examination has been extended to 28 Sep 2022 . Address for service - **Allens Patent & Trade Mark Attorneys Deutsche Bank Place Corner Hunter and Phillip Streets SYDNEY NSW 2000 AU**

2020

2020104415 **Matchbox Exchange Pty Ltd** The time in which to pay a renewal fee has been extended to 30 Aug 2022 . Address for service - **Wulff Partners Pty Ltd U 5005 1 Queensbridge Sq Southbank VIC 3006 AU**

2020267318 **Korea Institute Of Energy Research** The time in which to gain acceptance has been extended to 27 Jul 2023 . Address for service - **WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU**

Section 223(1) Allowances

2019

2019100257 **Wass, J.; Wass, J.** The time in which to pay a renewal fee has been extended to 15 Dec 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.

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

2016

2016218977 **Nucleic acid products and methods of administration thereof Factor Bioscience Inc.** The nature of the amendment is as shown in the statement(s) filed 15 Nov 2022 . Address for service - **Allens Patent & Trade Mark Attorneys Deutsche Bank Place Corner Hunter and Phillip Streets SYDNEY NSW 2000 AU**

2017

2017203045 **System and method for cleaning external walls of building ELID Technology International Pte Ltd** The nature of the

Amendments

amendment is as shown in the statement(s) filed 21 Oct 2022 . Address for service - Ellis Terry PO Box 10932 The Terrace Wellington 6143 NZ

2017291699 Liquid out-of-product alarm system and method **Eco-lab USA Inc.** The nature of the amendment is as shown in the statement(s) filed 19 Oct 2022 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2017332855 Rock bolt **FCI Holdings Delaware, Inc.** The nature of the amendment is as shown in the statement(s) filed 07 Nov 2022 . Address for service - FB Rice Pty Ltd Level 23 44 Market Street Sydney NSW 2000 AU

2019

2019418405 Go-bag for emergency situations **Uipco, LLC** The nature of the amendment is as shown in the statement(s) filed 14 Nov 2022 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2020

2020255100 N-heteroaromatic amide derivatives for treatment of cancer **SHENZHEN FORWARD PHARMACEUTICALS CO., LTD.** The nature of the amendment is as shown in the statement(s) filed 09 Nov 2022 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

Amendments Made**2016**

2016261440 **De La Rue International Limited** The nature of the amendment is as shown in the statements filed 14 Jun 2022 and 4 Aug 2022

2017

2017205273 **Ascendis Pharma Growth Disorders A/S** The nature of the amendment is as shown in the statement filed 07 Aug 2022

2017379868 **Cargill, Incorporated** The nature of the amendment is as shown in the statement filed 12 Aug 2022

2018

2018214804 **Kimberly-Clark Worldwide, Inc.** The nature of the amendment is as shown in the statement filed 12 Aug 2022

2018243463 **SiteOne Therapeutics, Inc.; The Board of Trustees of the Leland Stanford Junior University** The nature of the amendment is as shown in the statement filed 12 Aug 2022

2018447176 **Dongguan Mingchuangyoushang Electronic Technology Co., Ltd** The nature of the amendment is: Application is to proceed under the number 2018102247

2019

2019253507 **Autolus Limited** The nature of the amendment is: Amend the name of the inventor to read PULÉ, Martin; CORDOBA, Shaun; ONUOHA, Shimobi; KINNA, Alexander; THOMAS, Simon and JHA, Ram

2019321066 **Autolus Limited** The nature of the amendment is: Amend the name of the inventor to read PULÉ, Martin; CORDOBA,

Amendments

Shaun; THOMAS, Simon; ONUOHA, Shimobi; KINNA, Alexander and FERRARI, Mathieu

2019367853 **Citrix Systems, Inc.** The nature of the amendment is as shown in the statement filed 24 Aug 2022

2019391266 **Creo Medical Limited** The nature of the amendment is: Amend the name of the inventor to read HANCOCK, Christopher Paul; ULLRICH, George and PRESTON, Shaun

2019446433 **China National Rice Research Institute** The nature of the amendment is: Application is to proceed under the number 2019101836

2020

2020200782 **University of Florida Research Foundation, Inc.** The nature of the amendment is as shown in the statement filed 18 Aug 2022

2020203136 **Wix.com Ltd.** The nature of the amendment is as shown in the statement filed 15 Aug 2022

2020256382 **Corium International, Inc.** The nature of the amendment is as shown in the statement filed 18 Aug 2022

2020261022 **Lineage Logistics, LLC** The nature of the amendment is: Amend the name of the inventor to read WOLF, Elliott Gerard and WOOLF, Alexander James

2020264738 **Creo Medical Limited** The nature of the amendment is: Amend the name of the inventor to read Hancock, Christopher; Preston, Shaun; Swain, Sandra; Ullrich, George and Webb, David

2020289773 **MT Innovations Pty Ltd.** The nature of the amendment is as shown in the statement filed 25 Jul 2022

2020406862 **Autolus Limited** The nature of the amendment is: Amend the name of the inventor to read ONUOHA, Shimobi; FERRARI, Mathieu; DELLA PERUTA, Marco; KINNA, Alexander and CORDOBA, Shaun

2020444056 **Idience Co., Ltd.** The nature of the amendment is: Amend the invention title to read CRYSTALLINE FORMS OF PHTHALAZINONE COMPOUND

2021

2021107173 **Wallace Building Systems Pty Ltd** The nature of the amendment is as shown in the statement filed 21 Jul 2022

2021201345 **Canva Pty Ltd** The nature of the amendment is: Amend the name of the inventor to read Schwiebert, Stephan; Yanchina, Velislava; Iguaro Jaramillo, Henry Eduardo and Bennett, Andrew

2021201352 **Canva Pty Ltd** The nature of the amendment is: Amend the name of the inventor to read Schwiebert, Stephan; Yanchina, Velislava and Iguaro Jaramillo, Henry Eduardo

2021202516 **Canva Pty Ltd** The nature of the amendment is: Amend the name of the inventor to read Schwiebert, Stephan; Yanchina, Velislava and Iguaro Jaramillo, Henry Eduardo

Amendments

2021210074 **Jiangsu Hengrui Medicine Co., Ltd.; Shanghai Hengrui Pharmaceutical Co., Ltd.** The nature of the amendment is: Amend the invention title to read Anti-TROP-2 antibody-exatecan analog conjugate and medical use thereof

2021218078 **Chemcom S.A.; Givaudan S.A.** The nature of the amendment is: Amend the co-applicant name to read Chemcom S.A.

2021256154 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read COMMUNICATIONS METHOD AND COMMUNICATIONS APPARATUS

2021261956 **Rearden, LLC** The nature of the amendment is as shown in the statement filed 11 Nov 2022

2021263852 **Creo Medical Limited** The nature of the amendment is: Amend the name of the inventor to read HANCOCK, Christopher; TURNER, Louis; PRESTON, Shaun; MEADOWCROFT, Simon; ULL-RICH, George Christian and WEBB, David Edward

2021268501 **Neurorive Inc** The nature of the amendment is: Amend the invention title to read Combination therapy of cycloserine and pentoxifylline for the treatment of depression

2021270892 **International Business Machines Corporation** The nature of the amendment is: Amend the name of the inventor to read PAQUIN, Adam; DUNCAN, Peyton; SHEN, Kevin; BEES, Jonathan and TUMMALAPENTA, Srinivas Babu

2021283607 **Huawei Technologies Co.,Ltd.** The nature of the amendment is: Amend the invention title to read MULTI-LINK GROUP ADDRESSED TRAFFIC TRANSMISSION METHOD, APPARATUS, CHIP SYSTEM, MEDIUM AND SYSTEM

2022

2022256179 **Givaudan S.A.; Chemcom S.A.** The nature of the amendment is: Amend the co-applicant name to read Chemcom S.A.

Alteration of Name(s) of Applicant(s)/Patentee(s)**2003**

2003263071 **Pharmacopeia, Inc.; Merck Sharp & Dohme Corp.** The name of the patentee has been altered to **Pharmacopeia, Inc.; Merck Sharp & Dohme LLC**

2004

2004259305 **Sumitomo Dainippon Pharma Co., Ltd.** The name of the patentee has been altered to **Sumitomo Pharma Co., Ltd.**

2005

2005212409 **Pharmacopeia, Inc.; Merck Sharp & Dohme Corp.** The name of the patentee has been altered to **Pharmacopeia, Inc.; Merck Sharp & Dohme LLC**

2006

2006250340 **Sumitomo Dainippon Pharma Co., Ltd.** The name of the patentee has been altered to **Sumitomo Pharma Co., Ltd.**

Amendments**2009**

2009258560 **Sumitomo Dainippon Pharma Co., Ltd.** The name of the patentee has been altered to **Sumitomo Pharma Co., Ltd.**

2009331179 **Sumitomo Dainippon Pharma Co., Ltd.** The name of the patentee has been altered to **Sumitomo Pharma Co., Ltd.**

2011

2011277426 **Sumitomo Dainippon Pharma Co., Ltd.** The name of the patentee has been altered to **Sumitomo Pharma Co., Ltd.**

2013

2013259892 **Alectos Therapeutics Inc.; Merck Sharp & Dohme Corp.** The name of the patentee has been altered to **Alectos Therapeutics Inc.; Merck Sharp & Dohme LLC**

2013261267 **Sumitomo Dainippon Pharma Co., Ltd.** The name of the patentee has been altered to **Sumitomo Pharma Co., Ltd.**

2013389474 **Sumitomo Dainippon Pharma Co., Ltd.** The name of the patentee has been altered to **Sumitomo Pharma Co., Ltd.**

2014

2014388923 **Provides Metalmeccanica S.r.l.** The name of the patentee has been altered to **Wieland Provides SRL**

2015

2015101217 **All Purpose Pumps Pty Ltd** The name of the patentee has been altered to **ALL PURPOSE PUMPS AUSTRALIA PTY LTD**

2015213589 **The Climate Corporation** The name of the patentee has been altered to **CLIMATE LLC**

2015240770 **The Climate Corporation** The name of the patentee has been altered to **CLIMATE LLC**

2015305406 **The Climate Corporation** The name of the patentee has been altered to **CLIMATE LLC**

2015336453 **Sumitomo Dainippon Pharma Co., Ltd.; Riken; Sumitomo Chemical Company, Limited** The name of the patentee has been altered to **Riken; Sumitomo Chemical Company, Limited; Sumitomo Pharma Co., Ltd.**

2015336454 **Sumitomo Dainippon Pharma Co., Ltd.; Riken; Sumitomo Chemical Company, Limited** The name of the patentee has been altered to **Riken; Sumitomo Chemical Company, Limited; Sumitomo Pharma Co., Ltd.**

2016

2016202186 **Alectos Therapeutics Inc.; Merck Sharp & Dohme Corp.** The name of the patentee has been altered to **Alectos Therapeutics Inc.; Merck Sharp & Dohme LLC**

2016211305 **The Climate Corporation** The name of the patentee has been altered to **CLIMATE LLC**

Amendments

2016261226 The Climate Corporation The name of the patentee has been altered to **Climate LLC**

2016274391 The Climate Corporation The name of the patentee has been altered to **Climate LLC**

2016278131 The Climate Corporation The name of the patentee has been altered to **Climate LLC**

2016328634 The Climate Corporation The name of the patentee has been altered to **Climate LLC**

2016334826 Sumitomo Dainippon Pharma Co., Ltd. The name of the patentee has been altered to **Sumitomo Pharma Co., Ltd.**

2016337264 The Climate Corporation The name of the patentee has been altered to **Climate LLC**

2016369263 The Climate Corporation The name of the patentee has been altered to **Climate LLC**

2017

2017297718 Contera Pharma ApS; Solural Pharma ApS The name of the applicant has been altered to **Contera Pharma A/S; Solural Pharma ApS**

2017355728 The Climate Corporation The name of the patentee has been altered to **Climate LLC**

2018

2018248294 Merck Sharp & Dohme Corp.; Agenus Inc. The name of the patentee has been altered to **Merck Sharp & Dohme LLC; Agenus Inc.**

2018282293 The Climate Corporation The name of the patentee has been altered to **CLIMATE LLC**

2018345774 The Climate Corporation The name of the patentee has been altered to **Climate LLC**

2019

2019101107 ALL PURPOSE PUMPS PTY LTD The name of the patentee has been altered to **ALL PURPOSE PUMPS AUSTRALIA PTY LTD**

2019236621 ALL PURPOSE PUMPS PTY LTD The name of the applicant has been altered to **ALL PURPOSE PUMPS AUSTRALIA PTY LTD**

2020

2020224327 Locki Therapeutics Limited The name of the applicant has been altered to **Entact Bio Limited**

2020233286 Mercy Bioanalytics, Inc. The name of the applicant has been altered to **Mercy BioAnalytics, Inc.**

2020350195 Global Chilltech Group Pty Limited The name of the applicant has been altered to **Phaslo Global Innovation Pty Ltd**

Amendments

2021

2021225143 Merck Sharp & Dohme Corp.; Agenus Inc. The name of the applicant has been altered to **Merck Sharp & Dohme LLC; Agenus Inc.**

2021257273 Kedallon Therapeutics, Inc. The name of the applicant has been altered to **Kedalion Therapeutics, Inc.**

2021267477 University of Melbourne; Cornell University The name of the applicant has been altered to **The University of Melbourne; Cornell University**

2021903754 Lambert, David; Thomson, Charles; Hyman, Neville The name of the applicant has been altered to **Lambert, D.; Hyman, N.**

2022

2022241629 Mercy Bioanalytics, Inc. The name of the applicant has been altered to **Mercy BioAnalytics, Inc.**

2022901641 Eyetelligence Pty Ltd The name of the applicant has been altered to **Eyetelligence Limited**

Applications Open to Public Inspection

Name Index

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

(71) ABIM Solutions Pty Ltd
 (11) AU-A-2021221784
 (21) 2021221784 (22) 25.08.2021
 (54) Feeding Unit for a Logging Tool
 (51) Int. Cl.
E21B 23/14 (2006.01)
E21B 17/20 (2006.01)
E21B 19/22 (2006.01)
E21B 47/022 (2012.01)
E21B 47/04 (2012.01)
 (31) 2021901435 (32) 13.05.21 (33) AU
 (43) 01.12.2022
 (72) Bewsher, Andrew Wade; Bosse, David
 Andrew
 (74) WRAYS PTY LTD

(71) Accenture Global Solutions Limited
 (11) AU-A-2022259730
 (21) 2022259730 (22) 25.10.2022
 (54) UTILIZING MACHINE LEARNING
 MODELS TO DETERMINE CUSTOM-
 ER CARE ACTIONS FOR TELECOM-
 MUNICATIONS NETWORK PRO-
 VIDERS
 (51) Int. Cl.
G06N 20/00 (2019.01)
G06F 17/18 (2006.01)
G06N 3/00 (2006.01)
G06N 5/00 (2006.01)
 (43) 01.12.2022
 (62) 2021204055
 (72) Fiumara, Thomas; Castrigno, Marta;
 Tripputi, Luigi; Grigoletti, Marco;
 Gobetti, Jessica
 (74) Murray Trento & Associates Pty Ltd

(71) Agenus Inc.
 (11) AU-A-2022259823
 (21) 2022259823 (22) 27.10.2022
 (54) Anti-CD73 antibodies and methods of
 use thereof
 (51) Int. Cl.
C07K 16/28 (2006.01)
A61P 35/00 (2006.01)
 (43) 01.12.2022
 (62) 2019231791
 (72) Wilson, Nicholas Stuart; Waight,
 Jeremy Dale; Jennings, Shawn Mi-
 chael; Ignatovich, Olga; Briend, Em-
 manuel Cyrille Pascal; Morin, Ben-
 jamin Maxime; Schon, Oliver; Camp-
 bell, Spencer
 (74) FPA Patent Attorneys Pty Ltd

(71) AHF, LLC
 (11) AU-A-2022259809
 (21) 2022259809 (22) 27.10.2022
 (54) COATING COMPOSITIONS INCLUD-
 ING DIAMOND AND EITHER CATION-

IC CURABLE RESIN SYSTEMS OR
 THIOL-ENE CURABLE SYSTEMS
 (51) Int. Cl.
C09D 5/00 (2006.01)
B32B 5/16 (2006.01)
C08K 3/04 (2006.01)
C09K 3/14 (2006.01)
 (43) 01.12.2022
 (62) 2017339958
 (72) Tian, Dong; Ross, Jeffrey S.
 (74) Oxygene IP

(71) Akebia Therapeutics, Inc
 (11) AU-A-2022259767
 (21) 2022259767 (22) 26.10.2022
 (54) Solid forms of {[5-(3-
 chlorophenyl)-3-hydroxypyrid-
 ine-2-carbonyl]amino}acetic acid, com-
 positions, and uses thereof
 (51) Int. Cl.
C07D 213/65 (2006.01)
A61K 31/44 (2006.01)
 (43) 01.12.2022
 (62) 2020294308
 (72) COPP, James Densmore; NEWMAN,
 Ann W.; LUONG, Anne
 (74) FB Rice Pty Ltd

(71) Allergan, Inc.
 (11) AU-A-2022259761
 (21) 2022259761 (22) 26.10.2022
 (54) Heavy chain only antibodies to ANG-2
 (51) Int. Cl.
C07K 16/22 (2006.01)
 (43) 01.12.2022
 (62) 2016298398
 (72) Liang, Yanbin; Gil, Daniel W.
 (74) Davies Collison Cave Pty Ltd

(71) Alnylam Pharmaceuticals, Inc.
 (11) AU-A-2022231749
 (21) 2022231749 (22) 15.09.2022
 (54) RNAI AGENTS, COMPOSITIONS AND
 METHODS OF USE THEREOF FOR
 TREATING TRANSTHYRETIN (TTR)
 ASSOCIATED DISEASES
 (51) Int. Cl.
C07H 21/00 (2006.01)
A61K 31/7088 (2006.01)
C12N 15/113 (2010.01)
 (43) 01.12.2022
 (62) 2019240658
 (72) CHARISSE, Klaus; KUCHIMANCHI,
 Satyanarayana; MAIER, Martin; RA-
 JEEV, Kallanthottathil G.; ZIMMER-
 MANN, Tracy; MANOHARAN, Muthiah
 (74) Griffith Hack

(71) Amicus Therapeutics, Inc.
 (11) AU-A-2022259797

(21) 2022259797 (22) 27.10.2022
 (54) Method for selection of high M6P re-
 combinant proteins
 (51) Int. Cl.
C12N 9/26 (2006.01)
 (43) 01.12.2022
 (62) 2017239640
 (72) Do, Hung V.; Gotschall, Russell
 (74) Dark IP

(71) Angel Group Co., Ltd.
 (11) AU-A-2022259821
 (21) 2022259821 (22) 27.10.2022
 (54) Inspection system, inspecting device,
 and gaming chip
 (51) Int. Cl.
G07D 5/00 (2006.01)
G07F 1/06 (2006.01)
 (43) 01.12.2022
 (62) 2017261611
 (72) SHIGETA, Yasushi
 (74) FB Rice Pty Ltd

(71) Axon Enterprise, Inc.
 (11) AU-A-2022203161
 (21) 2022203161 (22) 11.05.2022
 (54) Equipment Detection Using A Wearable
 Device
 (51) Int. Cl.
G09B 9/00 (2006.01)
F41G 3/26 (2006.01)
H04L 67/131 (2022.01)
 (31) 63/187,309 (32) 11.05.21 (33) US
 63/252,566 05.10.21 US
 (43) 01.12.2022
 (72) WALLACK, Jacob; MURPHY, Robert;
 LIND, Jonathan
 (74) WRAYS PTY LTD

(71) BGC Partners, Inc
 (11) AU-A-2022259791
 (21) 2022259791 (22) 27.10.2022
 (54) SYSTEM AND METHOD FOR
 PROVIDING LATENCY PROTECTION
 FOR TRADING ORDERS
 (51) Int. Cl.
G06Q 40/00 (2012.01)
G06Q 40/04 (2012.01)
 (43) 01.12.2022
 (62) 2021202462
 (72) Bartko, Peter; Capuano, John Robert;
 Noviello, Joseph C.; Weston, Brian Al-
 exander
 (74) Pizzys Patent and Trade Mark Attor-
 neys Pty Ltd

(71) BioCryst Pharmaceuticals, Inc.
 (11) AU-A-2022259742
 (21) 2022259742 (22) 25.10.2022
 (54) Human plasma kallikrein inhibitors

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C07D 231/14 (2006.01)
A61K 31/415 (2006.01)
- (43) 01.12.2022
(62) 2020260400
(72) KOTIAN, Pravin L.; BABU, Yarlagadda S.; WU, Minwan; CHINTAREDDY, Venkat R.; KUMAR, V. Satish; ZHANG, Weihe
(74) FB Rice Pty Ltd
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- (71) Biomarin Pharmaceutical Inc.
(11) AU-A-2022259813
(21) 2022259813 (22) 27.10.2022
(54) Novel adeno-associated virus capsid proteins
- (51) Int. Cl.
C12N 15/86 (2006.01)
A61K 48/00 (2006.01)
C07K 14/005 (2006.01)
- (43) 01.12.2022
(62) 2017301600
(72) Colosi, Peter Cameron; Lochrie, Michael; Ng, Robert
(74) Griffith Hack
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- (71) Boehringer Ingelheim International GmbH
(11) AU-A-2022259788
(21) 2022259788 (22) 27.10.2022
(54) Cell-controlled perfusion in continuous culture
- (51) Int. Cl.
C12N 5/00 (2006.01)
- (43) 01.12.2022
(62) 2016271607
(72) HILLER, Gregory Walter; GAGNON, Matthew Paul; OVALLE, Ana Maria
(74) Spruson & Ferguson
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- (71) Bradken Resources Pty Limited
(11) AU-A-2021221552
(21) 2021221552 (22) 24.08.2021
(54) COUPLING FOR A GRINDING MILL LINER
- (51) Int. Cl.
F16B 35/06 (2006.01)
B02C 17/22 (2006.01)
F16B 5/02 (2006.01)
F16B 33/00 (2006.01)
B02C 13/282 (2006.01)
F16B 23/00 (2006.01)
F16B 43/00 (2006.01)
- (31) 2021901397 (32) 11.05.21 (33) AU
(43) 01.12.2022
(72) Gray, Michael Stewart; Faulkner, Craig
(74) Griffith Hack
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- (71) Caffitaly System S.p.A.
(11) AU-A-2022204735
(21) 2022204735 (22) 11.05.2022
(54) Apparatus for making a beverage by brewing a food substance contained in a capsule
- (51) Int. Cl.
A47J 31/24 (2006.01)
- (31) 102021000012077 (32) 11.05.21 (33) IT

- (43) 01.12.2022
(72) PAOLETTI, Luciano; DIAMANTI, Maurizio; TONELLI, Stefano; CASTELLI, Cristiano
(74) Patent Attorney Services
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- (71) Captek Softgel International, Inc
(11) AU-A-2022259745
(21) 2022259745 (22) 25.10.2022
(54) Soft gel compositions and capsules made from the same
- (51) Int. Cl.
A61K 9/48 (2006.01)
A61K 47/36 (2006.01)
- (43) 01.12.2022
(62) 2019228589
(72) BAYLESS, Ronnie E.; CHIPRICH, Timothy Brian
(74) Spruson & Ferguson
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- (71) Catalyst OrthoScience Inc.
(11) AU-A-2022259819
(21) 2022259819 (22) 27.10.2022
(54) Arthroplasty prostheses with multi-axis fixation
- (51) Int. Cl.
A61F 2/40 (2006.01)
- (43) 01.12.2022
(62) 2017298302
(72) GOLDBERG, Steven S.
(74) Spruson & Ferguson
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- (71) CBG Systems International Pty Ltd
(11) AU-A-2022268341
(21) 2022268341 (22) 09.11.2022
(54) A thermal and/or fire resistant panel, a mounting assembly, and a kit
- (51) Int. Cl.
C04B 28/24 (2006.01)
C01B 33/26 (2006.01)
C01B 33/32 (2006.01)
C04B 12/04 (2006.01)
C04B 28/26 (2006.01)
C08K 3/34 (2006.01)
C09D 1/02 (2006.01)
C09D 5/18 (2006.01)
C09K 21/02 (2006.01)
C09K 21/14 (2006.01)
E04B 1/62 (2006.01)
E04B 1/92 (2006.01)
E04C 2/00 (2006.01)
E04C 2/20 (2006.01)
- (43) 01.12.2022
(62) 2020289767
(72) Herbon, Roberto Javier; Krellmann, Lukas; Dell'Olio, Carmelo
(74) FPA Patent Attorneys Pty Ltd
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- (71) Cella Therapeutics, LLC
(11) AU-A-2022259802
(21) 2022259802 (22) 27.10.2022
(54) Sustained-release drug delivery systems comprising an intraocular pressure lowering agent, a CNP compound, an NPR-B compound, a Tie-2 agonist, or neurotrophic agent for use for treating glaucoma or ocular hypertension

- (51) Int. Cl.
A61K 9/00 (2006.01)
A61K 9/08 (2006.01)
A61K 31/713 (2006.01)
A61K 38/00 (2006.01)
A61K 38/22 (2006.01)
- (43) 01.12.2022
(62) 2019288296
(72) SCHIFFMAN, Rhett M.; SCHEIBLER, Lukas
(74) FB Rice Pty Ltd
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- (71) Cell Exosome Therapeutics Inc.
(11) AU-A-2022259729
(21) 2022259729 (22) 25.10.2022
(54) Method of producing proliferated cells, method of producing cell product, mesenchymal stem cell population and method of producing same, culture supernatant of stem cells and method of producing same, and therapeutic agent
- (51) Int. Cl.
C12N 5/071 (2010.01)
C07K 14/78 (2006.01)
C12N 5/0775 (2010.01)
- (43) 01.12.2022
(62) 2021247879
(72) YANAGITA, Yasutomo; RINOIE, Chugo; ISHIDAO, Takefumi; MINAMI, Itsunari
(74) FB Rice Pty Ltd
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- (71) CMR Surgical Limited
(11) AU-A-2022259747
(21) 2022259747 (22) 25.10.2022
(54) Pulley arrangement and pulley guard for articulating a surgical instrument
- (51) Int. Cl.
A61B 34/00 (2016.01)
A61B 34/30 (2016.01)
A61B 17/29 (2006.01)
- (43) 01.12.2022
(62) 2018280952
(72) Chaplin, Ben Robert
(74) Griffith Hack
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- (71) ConMed Corporation
(11) AU-A-2022259824
(21) 2022259824 (22) 27.10.2022
(54) SYSTEM FOR REPAIRING SOFT TISSUE TEARS
- (51) Int. Cl.
A61B 17/04 (2006.01)
- (43) 01.12.2022
(62) 2019346660
(72) LOMBARDI, Giuseppe
(74) Griffith Hack
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- Coronado Aesthetics, LLC see nanoComposix, Inc.**
(21) 2022259793
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- (71) CritiTech, Inc.
(11) AU-A-2022259773
(21) 2022259773 (22) 26.10.2022
(54) Methods for solid tumor treatment
- (51) Int. Cl.

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A61K 9/10 (2006.01)
A61K 9/14 (2006.01)
A61K 31/00 (2006.01)
A61K 47/26 (2006.01)
A61P 35/00 (2006.01)
(43) 01.12.2022
(62) 2017246316
(72) BALTEZOR, Mike; DIZEREGA, Gere;
 DECEDUE, Charles; CAMPBELL, Sam;
 McCLOREY, Matt
(74) Spruson & Ferguson
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- (71)** CROWN EQUIPMENT CORPORA-
 TION
(11) AU-A-2022259726
(21) 2022259726 **(22)** 25.10.2022
(54) Systems and methods for supervising
 industrial vehicles via encoded vehicu-
 lar objects shown on a mobile client
 device
(51) Int. Cl.
G06Q 10/08 (2012.01)
(43) 01.12.2022
(62) 2020244555
(72) CHANDRASEKAR, Kashyap; WALTZ,
 Lucas B.; WONG, Lisa
(74) Griffith Hack
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- Dana-Farber Cancer Institute, Inc. see The
 General Hospital Corporation**
(21) 2022241521
-
- (71)** Deere & Company
(11) AU-A-2022202362
(21) 2022202362 **(22)** 08.04.2022
(54) System and method for vehicle flow
 synchronization with respect to a work
 machine in a material loading cycle
(51) Int. Cl.
G05D 1/02 (2020.01)
G08G 9/00 (2006.01)
H04W 4/46 (2018.01)
(31) 17/383,626 **(32)** 23.07.21 **(33)** US
 63/187,806 12.05.21 US
(43) 01.12.2022
(72) Ouellette, Cory M.; Stander, Francois;
 Spendlove, Jonathan
(74) Davies Collison Cave Pty Ltd
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- (71)** Deere & Company
(11) AU-A-2022202369
(21) 2022202369 **(22)** 08.04.2022
(54) System and method for assisted posi-
 tioning of transport vehicles relative to a
 work machine during material loading
(51) Int. Cl.
E02F 9/20 (2006.01)
G05D 1/02 (2020.01)
(31) 17/539,313 **(32)** 01.12.21 **(33)** US
 63/187,813 12.05.21 US
(43) 01.12.2022
(72) Spendlove, Jonathan; Anhalt, Alex J.;
 Wuisan, Giovanni A.; Vilar, Zimin W.;
 Mairet, Sean A.; Kahler, Andrew W.
(74) Davies Collison Cave Pty Ltd
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- (71)** Deere & Company
(11) AU-A-2022202428
(21) 2022202428 **(22)** 12.04.2022
(54) System and method of truck loading as-
 sistance for work machines
(51) Int. Cl.
B65G 67/04 (2006.01)
B65G 69/02 (2006.01)
B65G 69/04 (2006.01)
E02F 3/28 (2006.01)
E02F 3/43 (2006.01)
E02F 9/20 (2006.01)
G05B 19/00 (2006.01)
G05D 1/00 (2006.01)
(31) 17/405,314 **(32)** 18.08.21 **(33)** US
 63/187,809 12.05.21 US
(43) 01.12.2022
(72) Gilbeck, Jon C.; Spendlove, Jonathan;
 Vilar, Zimin W.
(74) Davies Collison Cave Pty Ltd
-
- (71)** Deere & Company
(11) AU-A-2022202429
(21) 2022202429 **(22)** 12.04.2022
(54) System and method for real-time mater-
 ial carryback deduction in loading and
 dumping work cycles
(51) Int. Cl.
G06T 7/62 (2017.01)
B65G 67/24 (2006.01)
E02F 9/00 (2006.01)
G01B 11/00 (2006.01)
G08C 17/02 (2006.01)
(31) 17/532,727 **(32)** 22.11.21 **(33)** US
 63/187,808 12.05.21 US
 63/190,933 20.05.21 US
(43) 01.12.2022
(72) Spendlove, Jonathan; Hageman, John
 M.; Vilar, Zimin W.
(74) Davies Collison Cave Pty Ltd
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- (71)** Deere & Company
(11) AU-A-2022202430
(21) 2022202430 **(22)** 12.04.2022
(54) Real-time surface scanning and estima-
 tion of ground characteristics for ground
 compacting work machines
(51) Int. Cl.
E02F 9/26 (2006.01)
E02F 3/43 (2006.01)
G05D 1/02 (2020.01)
(31) 17/533,310 **(32)** 23.11.21 **(33)** US
 63/187,947 13.05.21 US
(43) 01.12.2022
(72) Vilar, Zimin W.; Spendlove, Jonathan;
 Stander, Francois; Wuisan, Giovanni A.;
 Dauderman, Bradley C.
(74) Davies Collison Cave Pty Ltd
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- (71)** Deere & Company
(11) AU-A-2022202483
(21) 2022202483 **(22)** 13.04.2022
(54) Control system detecting fill level on re-
 ceiving vehicle(s)
(51) Int. Cl.
G06V 10/40 (2022.01)
G06Q 50/02 (2012.01)
G06V 20/50 (2022.01)
G07C 5/00 (2006.01)
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- (31)** 17/321,584 **(32)** 17.05.21 **(33)** US
(43) 01.12.2022
(72) O'Connor, Kellen; Faust, Jeremy J.
(74) Davies Collison Cave Pty Ltd
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- (71)** Deere & Company
(11) AU-A-2022202839
(21) 2022202839 **(22)** 29.04.2022
(54) System and method for assisted posi-
 tioning of transport vehicles for material
 discharge in a worksite
(51) Int. Cl.
B60W 60/00 (2020.01)
B60R 1/20 (2022.01)
B60W 30/095 (2012.01)
B60W 50/08 (2020.01)
B65G 67/00 (2006.01)
E02F 3/00 (2006.01)
E02F 3/84 (2006.01)
E02F 9/20 (2006.01)
E02F 9/26 (2006.01)
G01C 21/34 (2006.01)
G01S 17/89 (2020.01)
G05D 1/02 (2020.01)
(31) 17/471,353 **(32)** 10.09.21 **(33)** US
 63/187,801 12.05.21 US
(43) 01.12.2022
(72) Gilbeck, Jon C.; Spendlove, Jonathan;
 Vilar, Zimin W.; Brant, Cory J.
(74) Davies Collison Cave Pty Ltd
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- (71)** DOSE Medical Corporation
(11) AU-A-2022259816
(21) 2022259816 **(22)** 27.10.2022
(54) Drug eluting ocular implant
(51) Int. Cl.
A61F 2/00 (2006.01)
(43) 01.12.2022
(62) 2020204427
(72) Haffner, David; Curry, Ken; Heitzmann,
 Harold; Applegate, David
(74) Davies Collison Cave Pty Ltd
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- (71)** Easy PV (Aust) Pty Limited
(11) AU-A-2021221722
(21) 2021221722 **(22)** 25.08.2021
(54) An Inverter for an Energy Capture and
 Storage System
(51) Int. Cl.
H02J 3/12 (2006.01)
H02J 5/00 (2016.01)
H02M 7/42 (2006.01)
H02J 3/28 (2006.01)
(43) 01.12.2022
(72) Elliston, Barbara Louise; Neilson, Mur-
 ray James
(74) James & Wells Intellectual Property
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- (71)** Eaton Intelligent Power Limited
(11) AU-A-2022259805
(21) 2022259805 **(22)** 27.10.2022
(54) Golf grip with reminder rib
(51) Int. Cl.
A63B 53/14 (2015.01)

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 (62) 2017221804
 (72) ARRINGTON, Andy; DAVIS, Stephen James; MILLER, Bruce; WALLS, Alex
 (74) FB Rice Pty Ltd
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- (71) EL-Sallam, A.
 (11) AU-A-2022204095
 (21) 2022204095 (22) 12.06.2022
 (54) TRACKING, ANALYSING AND ASSESSMENT OF HUAMN BODY MOVEMENTS USING A SUBJECT-SPECIFIC DIGITAL TWIN MODEL OF THE HUMAN BODY
 (51) Int. Cl.
G06V 40/20 (2022.01)
A61B 5/11 (2006.01)
G06K 9/00 (2022.01)
G06T 7/20 (2017.01)
G06T 7/285 (2017.01)
G16H 50/20 (2018.01)
A61B 5/00 (2006.01)
 (31) 2021901399 (32) 12.05.21 (33) AU
 (43) 01.12.2022
 (72) El-Sallam, Amar; Alderson, Jacqueline; Lyttle, Andrew
 (74) Amar EL-Sallam
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- (71) Enphase Energy, Inc.
 (11) AU-A-2022259780
 (21) 2022259780 (22) 26.10.2022
 (54) Photovoltaic management and module-level power electronics
 (51) Int. Cl.
H02S 50/00 (2014.01)
G08C 19/02 (2006.01)
H02S 40/30 (2014.01)
 (43) 01.12.2022
 (62) 2021257962
 (72) BINTZ, Miles; CHAPMAN, Patrick L.; EHLMANN, Jonathan L.; HAUGH, Julianne Frances; HERMAN, Dale; KUHN, Brian; MEKECHUK, Kelly; ROESINGER, Eric
 (74) GLMR
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- (71) ESKP3 PTY LTD
 (11) AU-A-2022203323
 (21) 2022203323 (22) 17.05.2022
 (54) Improved Button Battery
 (51) Int. Cl.
H01M 50/109 (2021.01)
H01M 10/04 (2006.01)
H01M 50/153 (2021.01)
H01M 50/572 (2021.01)
 (31) 2021901466 (32) 17.05.21 (33) AU
 (43) 01.12.2022
 (72) KIJASHKA, ELIZABETH ABIGAEL
 (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD
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- (71) Estetra SRL
 (11) AU-A-2022259753
 (21) 2022259753 (22) 26.10.2022
 (54) Compounds and their uses for alleviating menopause-associated symptoms
 (51) Int. Cl.

- A61K 31/565** (2006.01)
A61K 31/55 (2006.01)
A61K 31/57 (2006.01)
A61K 31/585 (2006.01)
A61P 5/30 (2006.01)
 (43) 01.12.2022
 (62) 2019254680
 (72) TAZIAUX, Melanie; RAUSIN, Glwadys; JOST, Maud; MAWET, Marie
 (74) Spruson & Ferguson
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- (71) Evogene Ltd.
 (11) AU-A-2022241523
 (21) 2022241523 (22) 28.09.2022
 (54) Isolated polynucleotides and peptides, and methods of using same for increasing plant yield and/or agricultural characteristics
 (51) Int. Cl.
A01H 5/00 (2018.01)
C07K 14/415 (2006.01)
C12N 15/29 (2006.01)
C12N 15/82 (2006.01)
 (43) 01.12.2022
 (62) 2020203837
 (72) GIL, Lidor; RIMON KNOPF, Ronit; MATARASSO, Noa; PANIK, David; PORATY-GAVRA, Limor; KATZ, Ehud; KARCHI, Hagai
 (74) Spruson & Ferguson
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- (71) FJ Dynamics Technology Co., Ltd
 (11) AU-A-2022203152
 (21) 2022203152 (22) 11.05.2022
 (54) METHOD AND SYSTEM FOR DRIVING VIEW-BASED AGRICULTURAL MACHINERY AND DEVICE FOR AGRICULTURAL MACHINERY APPLYING METHOD
 (51) Int. Cl.
G05D 1/02 (2020.01)
A01B 69/00 (2006.01)
B60W 30/095 (2012.01)
B60W 30/182 (2020.01)
B60W 50/08 (2020.01)
G01C 21/00 (2006.01)
G01S 19/42 (2010.01)
G05D 1/12 (2006.01)
 (31) 202110529974.9 (32) 14.05.21 (33) CN
 (43) 01.12.2022
 (72) Wu, Di; Yao, Yuan; ZHAO, Wenquan; WANG, Bo; LI, Hongxin
 (74) Admiral Trademarks & Patents Services
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- (71) FloDesign Sonics, Inc.
 (11) AU-A-2022259774
 (21) 2022259774 (22) 26.10.2022
 (54) Separation using angled acoustic waves
 (51) Int. Cl.
G01N 29/02 (2006.01)
 (43) 01.12.2022
 (62) 2018243774
 (72) Lipkens, Bart; Dionne, Jason; Presz Jr., Walter M.; Chitale, Kedar C.; Ross-Johnsrud, Benjamin
 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

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- (71) Flooring Technologies Ltd.
 (11) AU-A-2022259724
 (21) 2022259724 (22) 25.10.2022
 (54) Method for producing an abrasion-resistant wood board
 (51) Int. Cl.
B44C 5/04 (2006.01)
 (43) 01.12.2022
 (62) 2020210473
 (72) SCHUMACHER, Christoph; ZICK, Stefan
 (74) Spruson & Ferguson
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- (71) GBT Travel Services UK Ltd
 (11) AU-A-2022259757
 (21) 2022259757 (22) 26.10.2022
 (54) INTEGRATION OF MULTIPLE ELECTRONIC RECORDS
 (51) Int. Cl.
G06Q 10/02 (2012.01)
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G06Q 50/14 (2012.01)
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B08B 1/00 (2006.01)
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G05D 1/02 (2020.01)
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H04L 9/06 (2006.01)
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D05B 61/00 (2006.01)
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D03D 13/00 (2006.01)
D03D 15/208 (2021.01)
D03D 15/283 (2021.01)
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D03D 15/20 (2021.01)
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D03D 15/283 (2021.01)
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D03D 15/208 (2021.01)
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F25D 23/00 (2006.01)
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F21V 8/00 (2006.01)
G02B 6/10 (2006.01)
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A63B 22/00 (2006.01)
A63B 21/008 (2006.01)
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 G01N 21/76 (2006.01)
 C07D 213/04 (2006.01)
 C08F 126/06 (2006.01)
 C08F 226/06 (2006.01)
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 D06F 58/10 (2006.01)
 D06F 35/00 (2006.01)
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 A61K 9/16 (2006.01)
 A61K 31/00 (2006.01)
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H01L 31/048 (2014.01)
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C12N 9/64 (2006.01)

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A61K 47/68 (2017.01)
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B60D 1/66 (2006.01)
B60D 1/24 (2006.01)
B60D 1/46 (2006.01)
B60S 9/18 (2006.01)
G01G 19/12 (2006.01)
G01G 23/36 (2006.01)
G01B 7/16 (2006.01)

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(71) Monsanto Technology LLC
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(74) Davies Collision Cave Pty Ltd

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(21) 2022259727

(71) Murphy, W.S.; Murphy, S.B.
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(51) Int. Cl.
A61B 17/17 (2006.01)
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(72) Murphy, Stephen B.; Murphy, William S.
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A61M 37/00 (2006.01)
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A61B 17/12 (2006.01)
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(51) Int. Cl.
G02C 7/00 (2006.01)
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(54) LOW-CONVERGENCE SPECTACLES
(51) Int. Cl.
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(54) LOW-CONVERGENCE NEGATIVE POWER SPECTACLES
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G02C 7/00 (2006.01)
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(72) Krall, Jeffrey P.; Plumley, Aric
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G02C 7/02 (2006.01)
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(51) Int. Cl.
H02S 20/32 (2014.01)
F24S 50/20 (2018.01)
F24S 50/40 (2018.01)
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A61N 1/18 (2006.01)
A61N 1/36 (2006.01)
A61N 1/40 (2006.01)
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A61K 31/737 (2006.01)
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A61P 19/02 (2006.01)
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H04W 40/02 (2009.01)
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C07D 498/04 (2006.01)
A61K 31/5365 (2006.01)
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G01V 1/30 (2006.01)
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C12N 9/22 (2006.01)
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C12N 15/113 (2010.01)
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(51) Int. Cl.
A63B 67/00 (2006.01)
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C08K 3/22 (2006.01)
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C08K 7/16 (2006.01)
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(51) Int. Cl.
B66F 9/12 (2006.01)
B60P 1/52 (2006.01)
B66F 9/06 (2006.01)
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E01B 31/17 (2006.01)
B24B 19/00 (2006.01)
E01B 31/18 (2006.01)
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 (74) Phillips Ormonde Fitzpatrick

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E01B 31/17 (2006.01)
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F16L 47/00 (2006.01)
F16L 25/00 (2006.01)
 (31) PI2021002637 (32) 11.05.21 (33) MY
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 (72) S. RATNAM, Sri Skanda Rajah
 (74) CHILIAD CONSULTING PTY LTD

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H02J 9/04 (2006.01)
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(54) DETECTION SYSTEMS FOR POWER TOOLS WITH ACTIVE INJURY MITIGATION TECHNOLOGY
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B26D 5/00 (2006.01)
B23D 45/00 (2006.01)
B32B 9/00 (2006.01)
H01R 39/20 (2006.01)
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 (54) STEERING TRANSFER ASSEMBLY
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B62D 1/22 (2006.01)
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 (72) KOCWA, Eddie
 (74) Wynnes Patent and Trade Mark Attorneys Pty Ltd

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H01H 9/16 (2006.01)
H01H 1/12 (2006.01)
H01H 3/46 (2006.01)
H01H 9/20 (2006.01)
H01H 13/12 (2006.01)
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H02H 9/02 (2006.01)
H01F 37/00 (2006.01)
H02H 1/06 (2006.01)
H02H 7/20 (2006.01)
H02J 1/04 (2006.01)
H02J 3/16 (2006.01)
H02J 50/10 (2016.01)
 (31) PI 2021002624 (32) 11.05.21 (33) MY
 (43) 01.12.2022
 (72) SEE THO, MUN HONG
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(71) Seminis Vegetable Seeds, Inc.
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(54) Green bean plants with improved disease resistance
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C12N 15/82 (2006.01)
A01H 1/04 (2006.01)
C12N 5/10 (2006.01)
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A01H 6/34 (2018.01)
A01H 5/08 (2018.01)
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 (72) CUKADAR, Belgien
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 (54) ADJUSTABLE FLOW GLAUCOMA SHUNTS AND METHODS FOR MAKING AND USING SAME
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A61F 9/00 (2006.01)
A61M 27/00 (2006.01)
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 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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 (54) LOW PROFILE ELECTRODES FOR A SHOCK WAVE CATHETER
 (51) Int. Cl.
A61B 17/22 (2006.01)
A61B 18/14 (2006.01)
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 (72) NGUYEN, Hoa D.; VO, Khanh
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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C07D 403/10 (2006.01)
A61K 31/165 (2006.01)
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E04B 2/48 (2006.01)
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E04B 1/92 (2006.01)
E04B 1/98 (2006.01)
E04H 9/14 (2006.01)
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(72) Simpson, Paul
(74) LESICAR MAYNARD ANDREWS PTY LTD

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(54) VENDING TRACK FOR PUSHABLE VEHICLE
(51) Int. Cl.
G07F 11/02 (2006.01)
G07C 9/00 (2020.01)
G07F 7/04 (2006.01)
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(51) Int. Cl.
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(51) Int. Cl.
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(71) Swan Hill Engineering Pty Ltd
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(54) Large Scale Building with Natural Ventilation
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E04H 5/08 (2006.01)
E04B 1/342 (2006.01)
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A01D 34/64 (2006.01)
A01D 34/82 (2006.01)
B60N 2/015 (2006.01)
B60N 2/38 (2006.01)
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A63F 13/20 (2014.01)
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(71) TENEOBIO, INC.
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(54) Multispecific heavy chain antibodies with modified heavy chain constant regions
(51) Int. Cl.
A61P 35/00 (2006.01)
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(71) The Boeing Company
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(54) Adaptive detect and avoid system with integrity monitoring
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(51) Int. Cl.
A61K 39/00 (2006.01)
(43) 01.12.2022
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 (51) Int. Cl.
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C12N 5/00 (2006.01)
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 (43) 01.12.2022
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 (72) NICHOLAS, Cory R.; RUBENSTEIN, John L.; KRIEGSTEIN, Arnold R.; ALVAREZ-BUYLLA, Arturo
 (74) Davies Collison Cave Pty Ltd

(71) The University of Queensland
 (11) AU-A-2022259719
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 (54) DETECTION METHOD
 (51) Int. Cl.
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G01N 33/22 (2006.01)
 (43) 01.12.2022
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 (72) BURN, Paul Leslie; SHAW, Paul Edward; FAN, Shengqiang
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 (51) Int. Cl.
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B60Q 1/26 (2006.01)
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 (31) 63/187,773 (32) 12.05.21 (33) US
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 (72) Haas, Carl L.; Rice, Danial; Swar, Padam D.
 (74) Phillips Ormonde Fitzpatrick

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 (21) 2021203011 (22) 12.05.2021
 (54) Vehicle window covering device
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E06B 1/60 (2006.01)

E06B 3/50 (2006.01)
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 (72) Trudgett, Christopher Allan
 (74) FPA Patent Attorneys Pty Ltd

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 (21) 2022202846 (22) 29.04.2022
 (54) Ice bin with magnetized scoop and method of manufacture and use
 (51) Int. Cl.
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B65D 25/38 (2006.01)
B65D 51/24 (2006.01)
B65D 81/38 (2006.01)
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 (51) Int. Cl.
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 (51) Int. Cl.
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 (54) Heteroaryl derivative compounds, and uses thereof
 (51) Int. Cl.
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 (74) FPA Patent Attorneys Pty Ltd

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(71) Vorwerk & Co. Interholding GmbH
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 (21) 2022259721 (22) 25.10.2022
 (54) METHOD FOR OPERATING A KITCHEN SYSTEM, KITCHEN SYSTEM FOR PREPARING FOOD, AND COMPUTER PROGRAM PRODUCT
 (51) Int. Cl.
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G05B 19/04 (2006.01)
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 (43) 01.12.2022
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 (72) Kraut-Reinkober, Stefan; Frielinghaus, Robert
 (74) Pizzys Patent and Trade Mark Attorneys Pty Ltd

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 (54) EQUIPMENT AND PROCEDURE FOR THE EXTRACTION OF SOLIDS FROM CONTAMINATED FLUIDS
 (51) Int. Cl.
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 (72) VERA ALARCON, Sebastian
 (74) mdp Patent and Trade Mark Attorneys

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(11) AU-A-2021225245
(21) 2021225245 (22) 03.09.2021
(54) Completely laparoscopic staged hepatectomy using round-the-liver ligation and its instrument
(51) Int. Cl.
A61B 17/132 (2006.01)
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(11) AU-A-2022259820
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(51) Int. Cl.
A61F 2/16 (2006.01)
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- (71) Antaros Medical AB
(11) AU-A-2021250319
(21) 2021250319 (22) 30.03.2021
(54) Selective GIP receptor agonists comprising a chelating moiety for imaging and therapy purposes
(51) Int. Cl.
A61K 51/08 (2006.01)
A61K 49/14 (2006.01)
C07K 14/435 (2006.01)
(87) WO2021/198229
(31) 20315081.8 (32) 31.03.20 (33) EP
(43) 07.10.2021
(72) EVERS, Andreas; WAGNER, Michael; HAACK, Torsten; BOSSART, Martin; LORENZ, Katrin
(74) FB Rice Pty Ltd
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- (71) AO Technology AG
(11) AU-A-2020403750
(21) 2020403750 (22) 10.12.2020
(54) Non-stick antibiotic gels
(51) Int. Cl.
A61K 9/00 (2006.01)
A61K 9/06 (2006.01)
A61K 9/107 (2006.01)
A61K 9/12 (2006.01)
A61K 31/7036 (2006.01)
A61K 47/36 (2006.01)
A61P 19/00 (2006.01)
A61P 31/04 (2006.01)
(87) WO2021/122278
(31) 01628/19 (32) 16.12.19 (33) CH
(43) 24.06.2021
(72) D'ESTE, Matteo
(74) FPA Patent Attorneys Pty Ltd
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- (71) Apique Holdings, LLC
(11) AU-A-2021275455
(21) 2021275455 (22) 18.05.2021
(54) Cartridge for providing a liquid product, a system for the providing a liquid product and a method using said system
(51) Int. Cl.
B65D 85/804 (2006.01)
A23L 2/52 (2006.01)
A47J 31/00 (2006.01)
A47J 31/36 (2006.01)
A47J 31/40 (2006.01)
B67D 1/00 (2006.01)
(87) WO2021/233931
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- (31) 2025604 (32) 18.05.20 (33) NL
(43) 25.11.2021
(72) VAN DE SLUIS, Jasper Jacobus; BOTH, Mattheus Pieter
(74) Spruson & Ferguson
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- (71) Arbutus Biopharma Corporation
(11) AU-A-2021273369
(21) 2021273369 (22) 13.05.2021
(54) Substituted tricyclic amides, analogues thereof, and methods using same
(51) Int. Cl.
C07D 491/052 (2006.01)
A61K 31/395 (2006.01)
A61K 31/4741 (2006.01)
A61K 31/4743 (2006.01)
A61K 31/4745 (2006.01)
A61P 31/20 (2006.01)
(87) WO2021/229302
(31) 63/024,559 (32) 14.05.20 (33) US
(43) 18.11.2021
(72) COLE, Andrew G.; DORSEY, Bruce D.; DUGAN, Benjamin J.; FAN, Yi; KULTGEN, Steven G.; MESAROS, Eugen F.; SOFIA, Michael J.
(74) RnB IP
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- (71) Arch Oncology, Inc.
(11) AU-A-2021264006
(21) 2021264006 (22) 30.04.2021
(54) Therapeutic sirpalpha antibodies
(51) Int. Cl.
A61P 35/02 (2006.01)
A61P 35/00 (2006.01)
(87) WO2021/222746
(31) 63/018,177 (32) 30.04.20 (33) US
63/071,732 28.08.20 US
63/107,200 29.10.20 US
(43) 04.11.2021
(72) PURO, Robyn; HIEBSCH, Ronald; CAPOCCIA, Benjamin; ANDREJEVA, Gabriela; PEREIRA, Daniel Sousa
(74) AJ PARK
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- (71) Arizona Board of Regents on Behalf of Arizona State University
(11) AU-A-2021263432
(21) 2021263432 (22) 30.04.2021
(54) Methods for sequencing biopolymers
(51) Int. Cl.
C12Q 1/6869 (2018.01)
C07H 21/04 (2006.01)
G01N 27/00 (2006.01)
(87) WO2021/222791
(31) 63/018,352 (32) 30.04.20 (33) US
(43) 04.11.2021
(72) LINDSAY, Stuart
(74) Davies Collison Cave Pty Ltd
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- (71) Arizona Board of Regents on Behalf of The University of Arizona
(11) AU-A-2021252906
(21) 2021252906 (22) 06.04.2021
(54) Anti-obesity peptides and uses thereof
(51) Int. Cl.
A61K 38/00 (2006.01)
A61K 38/04 (2006.01)

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A61K 38/12 (2006.01)
(87) WO2021/207206
(31) 63/006,119 **(32)** 07.04.20 **(33)** US
(43) 14.10.2021
(72) WON, Youngwook; BULL, David;
 JUNG, Minjin; KIM, Angela
(74) Davies Collison Cave Pty Ltd
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- (71)** Artra Design Pty Ltd
(11) AU-A-2021250463
(21) 2021250463 **(22)** 29.03.2021
(54) A device for supporting a lower limb
(51) Int. Cl.
A61H 3/00 (2006.01)
A61F 5/01 (2006.01)
(87) WO2021/195696
(31) 2020901035 **(32)** 03.04.20 **(33)** AU
(43) 07.10.2021
(72) LYNDON, Robert
(74) Baxter Patent Attorneys Pty Ltd
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- (71)** Arvinas Operations, Inc.
(11) AU-A-2021273458
(21) 2021273458 **(22)** 06.05.2021
(54) Methods of manufacturing a bifunctional compound, ultrapure forms of the bifunctional compound, and dosage forms comprising the same
(51) Int. Cl.
C07D 401/14 (2006.01)
A61K 31/501 (2006.01)
A61P 35/04 (2006.01)
C07D 231/16 (2006.01)
(87) WO2021/231174
(31) 63/022,475 **(32)** 09.05.20 **(33)** US
 63/149,143 12.02.21 US
 63/177,378 20.04.21 US
(43) 18.11.2021
(72) DONG, Hanqing; DUGUID, Robert J.; JAGER, Casey Keith; KAUSHAL, Aditya Mohan; KENNEDY, Samuel Elliott; NEESER, Miranda Annell; REEVE, Maxwell Marco; REO, Joseph P.; ZAHEDI, Mohammad Mehdi; KAT-TUBOINA, Venkata A.; ALLAN, Laura E. N.; CHEN, Chungpin Herman; GROSSO, John A.; HASKELL III., Royal J.; LLOYD, Rhys; REECE, Hayley; ROBERTSON, Jerod; QIU, Yuping
(74) Spruson & Ferguson
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- (71)** Ascendis Pharma Oncology Division A/S
(11) AU-A-2021286177
(21) 2021286177 **(22)** 02.06.2021
(54) IL-2 sequences and uses thereof
(51) Int. Cl.
C07K 14/55 (2006.01)
A61K 38/20 (2006.01)
A61P 35/00 (2006.01)
C12N 15/85 (2006.01)
(87) WO2021/245130
(31) 20177974.1 **(32)** 03.06.20 **(33)** EP
 20202299.2 16.10.20 EP
 63/116,102 19.11.20 US
 20216052.9 21.12.20 EP
 21160477.2 03.03.21 EP
 21162030.7 11.03.21 EP
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- (43)** 09.12.2021
(72) GUNNARSSON, Nina; MALECKIS, Matiss; ROSEN, David B.
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71)** Ash & Lacy Holdings Limited
(11) AU-A-2021240418
(21) 2021240418 **(22)** 26.03.2021
(54) Bracket manufacturing method
(51) Int. Cl.
E04B 1/26 (2006.01)
B21C 23/14 (2006.01)
B21C 35/02 (2006.01)
B21D 53/36 (2006.01)
B23P 13/04 (2006.01)
B23P 15/00 (2006.01)
(87) WO2021/191631
(31) 2004542.3 **(32)** 27.03.20 **(33)** GB
(43) 30.09.2021
(72) EVANS, Laura Helena; EVANS, Jonathan
(74) AUCTUS ATTORNEYS AND ADVISORS PTY LTD
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- (71)** Assa Abloy AB
(11) AU-A-2021253293
(21) 2021253293 **(22)** 03.03.2021
(54) Ultra-wide band radar for tailgating detection in access control systems
(51) Int. Cl.
G07C 9/00 (2020.01)
G07C 9/15 (2020.01)
G07C 9/28 (2020.01)
(87) WO2021/204467
(31) 63/008,252 **(32)** 10.04.20 **(33)** US
(43) 14.10.2021
(72) PIRCH, Hans-Juergen; PREVOST, Sylvain, Jacques
(74) Davies Collison Cave Pty Ltd
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- (71)** Aurora Operations, Inc.
(11) AU-A-2021293277
(21) 2021293277 **(22)** 18.06.2021
(54) Lidar system
(51) Int. Cl.
G01S 17/931 (2020.01)
(87) WO2021/257990
(31) 16/906,378 **(32)** 19.06.20 **(33)** US
(43) 23.12.2021
(72) ANGUS, Edward Joseph
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71)** Aurora Operations, Inc.
(11) AU-A-2021299239
(21) 2021299239 **(22)** 26.05.2021
(54) Systems and methods for pulsed-wave LIDAR
(51) Int. Cl.
G01S 17/10 (2020.01)
G01S 17/931 (2020.01)
G08G 1/16 (2006.01)
(87) WO2022/005651
(31) 16/917,297 **(32)** 30.06.20 **(33)** US
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- (43)** 06.01.2022
(72) BARBER, Zeb; REIBEL, Randy; BAKER, Devlin; KADLEC, Emil
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71)** Aurora Operations, Inc.
(11) AU-A-2021300809
(21) 2021300809 **(22)** 02.06.2021
(54) Systems and methods for autonomous vehicle control using depolarization ratio of return signal
(51) Int. Cl.
B60W 60/00 (2020.01)
(87) WO2022/005675
(31) 16/916,981 **(32)** 30.06.20 **(33)** US
(43) 06.01.2022
(72) CROUCH, Stephen; BARBER, Zeb; KADLEC, Emil; GALLOWAY, Ryan; SPILLANE, Sean
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71)** Aurora Operations, Inc.
(11) AU-A-2021302922
(21) 2021302922 **(22)** 03.06.2021
(54) Combining multiple functions of a LIDAR system to support the operation of a vehicle
(51) Int. Cl.
G01S 7/486 (2020.01)
G01S 17/32 (2006.01)
G01S 17/931 (2020.01)
(87) WO2022/005690
(31) 16/915,404 **(32)** 29.06.20 **(33)** US
(43) 06.01.2022
(72) BARBER, Zeb; CROUCH, Stephen; KADLEC, Emil
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71)** Avent, Inc.
(11) AU-A-2021275738
(21) 2021275738 **(22)** 11.05.2021
(54) System for muscle stimulation and/or impedance measurement to verify proper tube placement
(51) Int. Cl.
A61B 5/01 (2006.01)
(87) WO2021/236375
(31) 16/881,223 **(32)** 22.05.20 **(33)** US
(43) 25.11.2021
(72) BJURBO, Karl Thomas; SCHEPIS, Eric A.; TASSITANO, James F.
(74) Spruson & Ferguson
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- (71)** Barberá Mayor, J.C.
(11) AU-A-2021246213
(21) 2021246213 **(22)** 30.03.2021
(54) Gantry crane for containers and operating method
(51) Int. Cl.
B66C 19/00 (2006.01)
B65G 63/00 (2006.01)
(87) WO2021/198546
(31) P202030266 **(32)** 01.04.20 **(33)** ES

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 (72) BARBERÁ MAYOR, Juan Carlos
 (74) Spruson & Ferguson

(71) BASF Corporation
 (11) AU-A-2021264073
 (21) 2021264073 (22) 30.04.2021
 (54) Adsorbent bed with increased hydro-thermal stability

(51) Int. Cl.
B01D 53/04 (2006.01)
B01D 53/26 (2006.01)
 (87) WO2021/222873
 (31) 63/018,990 (32) 01.05.20 (33) US
 63/044,829 26.06.20 US

(43) 04.11.2021
 (72) DOLAN, William B.; PAN, Justin;
 MAGLIO, Alfonso; GREENE, Margaret
 Anne; ECKARDT, Tobias
 (74) Griffith Hack

(71) BASF SE
 (11) AU-A-2021245007
 (21) 2021245007 (22) 18.03.2021
 (54) Process and plant for manufacturing aqueous polyacrylamide gels

(51) Int. Cl.
C08F 2/01 (2006.01)
C08F 20/56 (2006.01)
C08F 220/06 (2006.01)
C08F 220/56 (2006.01)
C09K 8/588 (2006.01)
 (87) WO2021/191041

(31) PCT/ (32) 26.03.20 (33) EP
 EP2020/058565
 (43) 30.09.2021
 (72) EL-TOUFAILI, Faissal-Ali; BAR-
 RERA-MEDRANO, Daniel; LOESCH,
 Dennis; SCHMIDT, Anna-Corina; GILL,
 Kristian Alexander; ZIMMERMANN, To-
 bias Joachim
 (74) Davies Collison Cave Pty Ltd

(71) Baxter International Inc.; Baxter Health-
 care SA

(11) AU-A-2021273832
 (21) 2021273832 (22) 20.05.2021
 (54) Occlusion force reduction through multi-
 directional tolerance control

(51) Int. Cl.
A61M 5/142 (2006.01)
F04B 43/08 (2006.01)
F04B 43/12 (2006.01)

(87) WO2021/236896
 (31) 63/028,055 (32) 21.05.20 (33) US

(43) 25.11.2021
 (72) SLABY, Jiri; PIPPIN, Steve; YEAGER,
 Kendall Dean
 (74) K&L Gates

(71) Bayer Animal Health GmbH
 (11) AU-A-2021245330
 (21) 2021245330 (22) 30.03.2021
 (54) Composition having improved voluntary
 acceptance

(51) Int. Cl.
A61K 47/44 (2017.01)

(87) WO2021/198256
 (31) 20167444.7 (32) 31.03.20 (33) EP
 (43) 07.10.2021
 (72) HOFMANN, Stefan; KANIKANTI,
 Venkata-Rangarao; SCHMIDT, Fran-
 ziska; MANGOLD-GEHRING, Sandra;
 BÖGEL, Annette; POMMER, Brigitte
 (74) Davies Collison Cave Pty Ltd

(71) Bayer Animal Health GmbH
 (11) AU-A-2021253673
 (21) 2021253673 (22) 09.04.2021

(54) Immunostimulatory compositions
 (51) Int. Cl.

A61K 9/00 (2006.01)
A61K 9/08 (2006.01)
A61K 9/127 (2006.01)
A61K 38/00 (2006.01)

(87) WO2021/204991
 (31) 20169224.1 (32) 10.04.20 (33) EP
 (43) 14.10.2021

(72) PUTZKE, Simone Marlene; ILG,
 Thomas; FELDHUES, Elisabeth; HEEP,
 Iris; LAMPRECHT, Alf

(74) FPA Patent Attorneys Pty Ltd

(71) Bayer HealthCare LLC
 (11) AU-A-2021283195
 (21) 2021283195 (22) 01.06.2021
 (54) System, method, and computer pro-
 gram product for controlling a fluid in-
 jection system based on hydraulic resis-
 tance

(51) Int. Cl.
G16H 20/17 (2018.01)
A61M 5/00 (2006.01)
G16H 40/63 (2018.01)

(87) WO2021/247595
 (31) 62/704,893 (32) 02.06.20 (33) US

(43) 09.12.2021
 (72) LEE, Randy; DELBRUGGE, Vince;
 SPOHN, Michael; SCUTT, Christoph-
 er; MCGUIRE, Matthew; SHINDE, Ab-
 hishek; NAPLES, Andrew; MCDER-
 MOTT, Michael; UBER III, Arthur

(74) Davies Collison Cave Pty Ltd

(71) Becton, Dickinson and Company
 (11) AU-A-2021263329
 (21) 2021263329 (22) 26.04.2021

(54) Smart syringe with dose capture and
 app for smart phone
 (51) Int. Cl.

A61M 5/142 (2006.01)
A61M 5/168 (2006.01)
G01F 11/02 (2006.01)
G01R 33/07 (2006.01)

(87) WO2021/222054
 (31) 63/017,347 (32) 29.04.20 (33) US

(43) 04.11.2021
 (72) GYORY, John; MORALES, Carlos; YU,
 Bo Yang; SUN, Eric; QIAN, Kai; SUN,
 Kepei; KILLAM, Dana; PIZZOCHERO,
 Alessandro

(74) FB Rice Pty Ltd

(71) Becton, Dickinson and Company
 (11) AU-A-2021263552
 (21) 2021263552 (22) 26.04.2021
 (54) Systems, apparatuses and methods for
 capturing images of medical condition
 management events
 (51) Int. Cl.

A61M 5/31 (2006.01)
A61M 5/00 (2006.01)
A61M 5/178 (2006.01)
A61M 5/50 (2006.01)
G16H 20/10 (2018.01)
G16H 20/17 (2018.01)

(87) WO2021/222058
 (31) 63/017,347 (32) 29.04.20 (33) US

(43) 04.11.2021
 (72) YARGER, Michael D.; RICHARDS, An-
 drew L.; DESPA, Mircea S.

(74) FB Rice Pty Ltd

(71) Becton, Dickinson and Company
 (11) AU-A-2021265755

(21) 2021265755 (22) 26.04.2021

(54) Automated filling device for wearable
 infusion pump with air removal and de-
 tection capabilities

(51) Int. Cl.
A61M 5/00 (2006.01)
A61M 5/14 (2006.01)
A61M 5/142 (2006.01)
A61M 5/168 (2006.01)

(87) WO2021/222057
 (31) 63/017,377 (32) 29.04.20 (33) US

(43) 04.11.2021
 (72) YU, Bo Yang; MCKINNON, Austin; GY-
 ORY, John; PETERSON, Bart; NEWBY,
 Mark

(74) FB Rice Pty Ltd

(71) Becton, Dickinson and Company; Bec-
 ton Dickinson France

(11) AU-A-2021372248
 (21) 2021372248 (22) 01.11.2021

(54) Radio frequency identification (RFID)
 inlays for use with medical injection
 devices

(51) Int. Cl.
A61M 5/32 (2006.01)
A61M 5/50 (2006.01)
A61M 99/00 (2012.01)
G06K 19/077 (2006.01)

(87) WO2022/094382
 (31) 63/108,497 (32) 02.11.20 (33) US
 63/124,126 11.12.20 US

(43) 05.05.2022
 (72) LEIBRAND, Alfred; EUVRARD,
 Nicolas; RIVIER, Cédric; LE DI-
 MET, Gwenn; MARÉCHAL, Damien;
 VASQUEZ, Thierry

(74) FB Rice Pty Ltd

(71) BeiGene, Ltd.; Springworks Therapeut-
 ics, Inc.

(11) AU-A-2021246141
 (21) 2021246141 (22) 02.04.2021

(54) Co-administration of mirdametinib and
 lifirafenib for use in treating cancers

(51) Int. Cl.
A61K 31/166 (2006.01)

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A61K 31/4375 (2006.01)
A61P 35/00 (2006.01)
(87) WO2021/202981
(31) 63/005,153 **(32)** 03.04.20 **(33)** US
(43) 07.10.2021
(72) LUO, Lusong; TANG, Zhiyu; EDRIS, Badreddin; SHEARER, Todd Webster
(74) FB Rice Pty Ltd
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- (71)** Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.
(11) AU-A-2020445667
(21) 2020445667 **(22)** 14.09.2020
(54) Support device and wind generating set
(51) Int. Cl.
F03D 80/80 (2016.01)
(87) WO2021/217996
(31) 202010342220.8 **(32)** 27.04.20 **(33)** CN
(43) 04.11.2021
(72) CUI, Yufei
(74) Madderns Pty Ltd
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- (71)** Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.
(11) AU-A-2020456546
(21) 2020456546 **(22)** 02.12.2020
(54) Hybrid damping module, vibration suppression device, vibration suppression method, and wind turbine set
(51) Int. Cl.
F16F 15/023 (2006.01)
F16F 15/03 (2006.01)
(87) WO2022/000989
(31) 202010606894.4 **(32)** 29.06.20 **(33)** CN
(43) 06.01.2022
(72) GAO, Yang; ZHANG, Zhihong; XU, Zhiliang
(74) Madderns Pty Ltd
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- (71)** Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.
(11) AU-A-2021290601
(21) 2021290601 **(22)** 02.06.2021
(54) Load reduction control method for wind turbine generator and device
(51) Int. Cl.
F03D 7/02 (2006.01)
F03D 7/04 (2006.01)
(87) WO2021/254153
(31) 202010542560.5 **(32)** 15.06.20 **(33)** CN
(43) 23.12.2021
(72) LIU, Zhongpeng
(74) Madderns Pty Ltd
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- (71)** Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.
(11) AU-A-2021303190
(21) 2021303190 **(22)** 30.03.2021
(54) Wind turbine generator system, and rotation speed avoidance control method and apparatus therefor
(51) Int. Cl.
F03D 7/00 (2006.01)
F03D 7/04 (2006.01)
(87) WO2022/001248
(31) 202010597154.9 **(32)** 28.06.20 **(33)** CN
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- (43)** 06.01.2022
(72) ZHANG, Xinli; HU, Ye
(74) Madderns Pty Ltd
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- (71)** Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.
(11) AU-A-2021303191
(21) 2021303191 **(22)** 30.03.2021
(54) Wind turbine generator system, and rotation speed avoidance control method and apparatus therefor
(51) Int. Cl.
F03D 7/04 (2006.01)
(87) WO2022/001250
(31) 202010597078.1 **(32)** 28.06.20 **(33)** CN
(43) 06.01.2022
(72) ZHANG, Xinli
(74) Madderns Pty Ltd
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- (71)** BELKIN Vision Ltd.
(11) AU-A-2021311097
(21) 2021311097 **(22)** 16.05.2021
(54) Automated capsulotomy
(51) Int. Cl.
A61F 9/007 (2006.01)
A61F 9/008 (2006.01)
(87) WO2022/018525
(31) 63/053,650 **(32)** 19.07.20 **(33)** US
(43) 27.01.2022
(72) SACKS, Zachary Shane; BELKIN, Michael
(74) FPA Patent Attorneys Pty Ltd
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- (71)** Bioasis Technologies, Inc.
(11) AU-A-2021277203
(21) 2021277203 **(22)** 17.05.2021
(54) Compositions and methods for treating Lewy body dementia
(51) Int. Cl.
A61K 38/47 (2006.01)
A61K 38/17 (2006.01)
A61P 25/00 (2006.01)
(87) WO2021/236526
(31) 63/026,187 **(32)** 18.05.20 **(33)** US
(43) 17/320,386 14.05.21 US
(43) 25.11.2021
(72) RATHJEN, Deborah; TIAN, Mei Mei
(74) Davies Collison Cave Pty Ltd
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- (71)** BioMUSE Ltd.
(11) AU-A-2021248783
(21) 2021248783 **(22)** 31.03.2021
(54) Bacteria for the prevention and treatment of smoke-induced lung damage
(51) Int. Cl.
A23L 33/135 (2016.01)
A24B 15/30 (2006.01)
A61K 9/00 (2006.01)
A61K 35/74 (2015.01)
A61P 25/34 (2006.01)
C12N 1/20 (2006.01)
(87) WO2021/199047
(31) 63/002,611 **(32)** 31.03.20 **(33)** US
(43) 07.10.2021
(72) ROSENBERG, Eugene; ZILBER-ROSENBERG, Ilana; LEVY, Ophir
(74) Davies Collison Cave Pty Ltd
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- (71)** Bionome Technology Limited
(11) AU-A-2021245085
(21) 2021245085 **(22)** 25.03.2021
(54) Controlling the growth of vegetation
(51) Int. Cl.
A01N 31/06 (2006.01)
A01N 43/08 (2006.01)
A01N 43/16 (2006.01)
A01N 43/80 (2006.01)
A01N 65/00 (2009.01)
(87) WO2021/191614
(31) 2004292.5 **(32)** 25.03.20 **(33)** GB
(43) 30.09.2021
(72) MCCARTHY, Dennis; CLEARWATER, John
(74) Ellis Terry
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- (71)** Bioprojet Pharma
(11) AU-A-2021267681
(21) 2021267681 **(22)** 04.05.2021
(54) Use of dopamine D3 partial agonists for treating central nervous system disorders
(51) Int. Cl.
A61K 31/495 (2006.01)
A61P 25/00 (2006.01)
A61P 25/16 (2006.01)
A61P 25/28 (2006.01)
(87) WO2021/224235
(31) 20305429.1 **(32)** 04.05.20 **(33)** EP
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(74) Davies Collison Cave Pty Ltd
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(11) AU-A-2021246424
(21) 2021246424 **(22)** 29.03.2021
(54) Acoustic monitoring systems and methods
(51) Int. Cl.
G01H 3/14 (2006.01)
H04R 29/00 (2006.01)
(87) WO2021/202337
(31) 63/002,149 **(32)** 30.03.20 **(33)** US
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(74) FB Rice Pty Ltd
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(11) AU-A-2021271815
(21) 2021271815 **(22)** 14.05.2021
(54) Lidar system
(51) Int. Cl.
G01S 7/481 (2006.01)
G01S 17/10 (2020.01)
G01S 17/34 (2020.01)
G01S 17/42 (2006.01)
G01S 17/931 (2020.01)
G02B 26/08 (2006.01)
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 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
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 (21) 2021248569 (22) 30.03.2021
 (54) System and method of automated know-your-transaction checking in digital asset transactions
 (51) Int. Cl.
G06Q 20/00 (2012.01)
 (87) WO2021/202474
 (31) 63/001,646 (32) 30.03.20 (33) US
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- (71) Blue Sky Innovation, LLC
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 (21) 2021265285 (22) 30.04.2021
 (54) Superoxide dismutase compositions and methods
 (51) Int. Cl.
A61K 9/00 (2006.01)
A61K 31/167 (2006.01)
A61K 38/44 (2006.01)
A61K 47/02 (2006.01)
A61P 25/00 (2006.01)
 (87) WO2021/222870
 (31) 63/018,488 (32) 30.04.20 (33) US
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 (72) PURSER, Danny C.; PITCHER, Stephen N.
 (74) FPA Patent Attorneys Pty Ltd
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 (54) Medical device having a rotatable working channel and related methods of use
 (51) Int. Cl.
A61B 1/00 (2006.01)
A61B 1/018 (2006.01)
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 (31) 63/073,952 (32) 03.09.20 (33) US
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 (21) 2021263749 (22) 27.04.2021
 (54) Headwear with temperature control apparatus
 (51) Int. Cl.
A42B 1/008 (2021.01)
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 (31) 17/143,050 (32) 06.01.21 (33) US
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 (51) Int. Cl.
A61K 8/22 (2006.01)
A61K 8/81 (2006.01)
A61Q 11/02 (2006.01)
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 (74) Michael Buck IP
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 (21) 2021265253 (22) 28.04.2021
 (54) System, method and composition for making thin-walled carbon nanomaterials
 (51) Int. Cl.
C25B 1/135 (2021.01)
C01B 32/159 (2017.01)
 (87) WO2021/222463
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 (72) LICHT, Stuart
 (74) FPA Patent Attorneys Pty Ltd
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 (51) Int. Cl.
A47J 31/24 (2006.01)
 (31) 102021000012077 (32) 11.05.21 (33) IT
 (43) 01.12.2022
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 (74) Patent Attorney Services
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 (54) Producing electrical energy
 (51) Int. Cl.
H02N 11/00 (2006.01)
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 (54) Systems and methods for collaborative editing of electronic objects
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G06F 16/178 (2019.01)
G06F 16/176 (2019.01)
G06F 16/93 (2019.01)
G06F 40/194 (2020.01)
G06Q 10/10 (2012.01)
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G06Q 20/34 (2012.01)
G06Q 20/40 (2012.01)
H04W 4/80 (2018.01)
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 (54) Systems and methods for data access control of personal user data using a short-range transceiver
 (51) Int. Cl.
G06F 21/35 (2013.01)
G06F 21/44 (2013.01)
G06F 21/60 (2013.01)
G06F 21/62 (2013.01)
H04L 9/32 (2006.01)
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 (11) AU-A-2021283944
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 (54) System and methods for operating a solenoid valve
 (51) Int. Cl.
H01F 7/18 (2006.01)
F16K 31/06 (2006.01)
 (87) WO2021/247867
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 (43) 09.12.2021
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C01B 32/184 (2017.01)
G01N 27/414 (2006.01)
G01N 33/53 (2006.01)
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 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) Cargill, Incorporated
 (11) AU-A-2021260579
 (21) 2021260579 (22) 20.04.2021
 (54) Stabilized steviol glycoside malonic acid esters
 (51) Int. Cl.
A23L 27/30 (2016.01)
A23L 2/60 (2006.01)
A23L 29/00 (2016.01)
C07H 1/08 (2006.01)
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 (54) Method and device for determining a refractive error
 (51) Int. Cl.
A61B 3/103 (2006.01)
A61B 3/032 (2006.01)
 (87) WO2021/219728
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 (11) AU-A-2021295564
 (21) 2021295564 (22) 22.06.2021
 (54) Multi-bed catalytic reactor
 (51) Int. Cl.
B01J 8/04 (2006.01)
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 (31) 20182163.4 (32) 25.06.20 (33) EP
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 (54) Loom with movable guide beams
 (51) Int. Cl.
D03D 41/00 (2006.01)
D03C 9/06 (2006.01)
D03C 13/00 (2006.01)
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 (21) 2021264926 (22) 15.03.2021
 (54) Filter element integrated seal profile
 (51) Int. Cl.
B01D 29/15 (2006.01)
B01D 29/21 (2006.01)
B01D 29/23 (2006.01)
B01D 29/90 (2006.01)
B01D 35/16 (2006.01)
B01D 35/30 (2006.01)
B01D 36/00 (2006.01)
F02M 37/28 (2019.01)
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 (74) FPA Patent Attorneys Pty Ltd
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 (11) AU-A-2021264935
 (21) 2021264935 (22) 07.04.2021
 (54) Corner segment and corner shroud for a work implement
 (51) Int. Cl.
E02F 3/40 (2006.01)
E02F 9/28 (2006.01)
 (87) WO2021/221864
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 (72) BJERKE, Nathan R.; CONGDON, Thomas M.
 (74) FPA Patent Attorneys Pty Ltd
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 (21) 2021265721 (22) 15.03.2021
 (54) Corner segment having protrusions on wear zones
 (51) Int. Cl.
E02F 3/815 (2006.01)
E02F 9/28 (2006.01)
 (87) WO2021/221803
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 (74) FPA Patent Attorneys Pty Ltd
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 (51) Int. Cl.
C12N 15/113 (2010.01)
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- (71) Cepheid
 (11) AU-A-2021264451
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 (54) Exponential base-3 and greater nucleic acid amplification with cycling probe
 (51) Int. Cl.
C12Q 1/6853 (2018.01)
C12Q 1/6844 (2018.01)
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 (54) Pseudo-complementary bases in genotyping and nucleic acid sequencing
 (51) Int. Cl.
C12Q 1/6855 (2018.01)
C12Q 1/686 (2018.01)
C12Q 1/6876 (2018.01)
C12Q 1/6883 (2018.01)
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 (54) Paper-plastic molded cup cover capable of completely fastening to cup body
 (51) Int. Cl.
B65D 43/02 (2006.01)
B65D 43/06 (2006.01)
B65D 43/08 (2006.01)
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 (74) James & Wells Intellectual Property
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 (11) AU-A-2021250200
 (21) 2021250200 (22) 01.04.2021
 (54) Antigen-binding polypeptide binding to CD47, and use thereof
 (51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)

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C12N 15/13 (2006.01)
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(21) 2021249794 (22) 26.03.2021
(54) Non-rotating direct current electric generator
(51) Int. Cl.
H02K 99/00 (2014.01)
H02K 1/02 (2006.01)
H02K 1/04 (2006.01)
H02K 3/28 (2006.01)
H02K 3/34 (2006.01)
H02K 15/12 (2006.01)
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(74) H & H Lawyers
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(51) Int. Cl.
C07K 16/46 (2006.01)
C07K 16/28 (2006.01)
C12N 15/13 (2006.01)
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(31) 2020-062326 (32) 31.03.20 (33) JP
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(21) 2021278562 (22) 28.05.2021
(54) Antibody-containing formulation
(51) Int. Cl.
A61K 39/395 (2006.01)
A61K 9/08 (2006.01)
A61K 9/19 (2006.01)
A61K 47/10 (2017.01)
A61K 47/18 (2017.01)
C07K 16/28 (2006.01)
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(31) 2020-094716 (32) 29.05.20 (33) JP
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- (71) Church & Dwight Co., Inc.
(11) AU-A-2021268661
(21) 2021268661 (22) 05.05.2021
(54) Image detection for test stick diagnostic device result confirmation
(51) Int. Cl.
G01N 33/48 (2006.01)
G01N 33/53 (2006.01)
G06N 3/02 (2006.01)
G06N 20/00 (2019.01)
G06T 7/11 (2017.01)
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(11) AU-A-2021276327
(21) 2021276327 (22) 18.05.2021
(54) Engineered anti-prostate stem cell antigen fusion proteins and uses thereof
(51) Int. Cl.
C07K 16/30 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
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(31) 63/027,184 (32) 19.05.20 (33) US
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(21) 2021246105 (22) 02.04.2021
(54) Ruggedized push-pull fiber optic connection systems
(51) Int. Cl.
G02B 6/38 (2006.01)
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(31) 63/004,400 (32) 02.04.20 (33) US
63/089,678 09.10.20 US
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(74) Davies Collison Cave Pty Ltd
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- (71) ConocoPhillips Company
(11) AU-A-2021268184
(21) 2021268184 (22) 04.05.2021
(54) Drilling mud motor clutch
(51) Int. Cl.
E21B 4/02 (2006.01)
E21B 44/04 (2006.01)
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(72) LUND, Hans-Jacob
(74) RnB IP Pty Ltd
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- (71) ConvaTec Limited
(11) AU-A-2021285408
(21) 2021285408 (22) 01.06.2021
(54) An ostomy pouch
(51) Int. Cl.
A61F 5/44 (2006.01)
A61F 5/445 (2006.01)
- (87) WO2021/245395
(31) 2008258.2 (32) 02.06.20 (33) GB
(43) 09.12.2021
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(74) Houlihan Intellectual Property Pty Ltd
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(54) An ostomy pouch
(51) Int. Cl.
A61F 5/44 (2006.01)
A61F 5/441 (2006.01)
A61F 5/445 (2006.01)
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(31) 2008261.6 (32) 02.06.20 (33) GB
(43) 09.12.2021
(72) EVANS, Kevin
(74) Houlihan Intellectual Property Pty Ltd
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(11) AU-A-2021290042
(21) 2021264008 (22) 30.04.2021
(54) Modulators of TREX1
(51) Int. Cl.
C07D 233/96 (2006.01)
A61K 31/506 (2006.01)
A61P 35/00 (2006.01)
C07D 413/12 (2006.01)
C07D 413/14 (2006.01)
C07D 417/12 (2006.01)
C07D 417/14 (2006.01)
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(31) 63/018,808 (32) 01.05.20 (33) US
(43) 04.11.2021
(72) LEVELL, Julian R.; WILSON, Jonathan E.; COFFIN, Aaron; TAVERAS, Kennedy
(74) FPA Patent Attorneys Pty Ltd
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- (71) Continuous Composites Inc.
(11) AU-A-2021297581
(21) 2021297581 (22) 17.06.2021
(54) Method for additively manufacturing a composite structure
(51) Int. Cl.
B29C 64/118 (2017.01)
B29C 64/386 (2017.01)
B29C 70/38 (2006.01)
B33Y 10/00 (2015.01)
B33Y 50/00 (2015.01)
- (87) WO2021/263263
(31) 63/042,851 (32) 23.06.20 (33) US
17/304,031 14.06.21 US
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(72) LALONDE, Logan; JAHNER, Brock; NEGUGOGOR, Mikel; MORRIS, Rachael
(74) Spruson & Ferguson
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- (71) ConvaTec Limited
(11) AU-A-2021285408
(21) 2021285408 (22) 01.06.2021
(54) An ostomy pouch
(51) Int. Cl.
A61F 5/44 (2006.01)
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(74) Houlihan Intellectual Property Pty Ltd
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(54) An ostomy pouch
(51) Int. Cl.
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(43) 09.12.2021
(72) EVANS, Kevin
(74) Houlihan Intellectual Property Pty Ltd
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- (71) Constellation Pharmaceuticals, Inc.
(11) AU-A-2021264008

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A23C 9/123 (2006.01)
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A23L 33/21 (2016.01)
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A61K 47/60 (2017.01)
A61K 49/00 (2006.01)
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A61K 51/04 (2006.01)
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A61B 18/12 (2006.01)
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B60P 7/08 (2006.01)
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C25C 3/06 (2006.01)
C01B 3/08 (2006.01)
C01B 3/10 (2006.01)
C01B 32/40 (2017.01)
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(51) Int. Cl.
A61K 9/14 (2006.01)
A61K 31/4035 (2006.01)
A61K 31/4166 (2006.01)
A61K 31/4184 (2006.01)
A61K 31/47 (2006.01)
A61K 31/505 (2006.01)
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A61P 17/06 (2006.01)
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C07K 16/00 (2006.01)
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C08F 271/02 (2006.01)
A61L 29/04 (2006.01)
C08F 2/48 (2006.01)
C08F 290/06 (2006.01)
C08G 18/48 (2006.01)
C08G 18/67 (2006.01)
C08G 18/75 (2006.01)
C08G 18/76 (2006.01)
C09D 4/06 (2006.01)
C09D 175/16 (2006.01)
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C07K 14/005 (2006.01)
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A61B 17/16 (2006.01)
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B29C 45/37 (2006.01)
A45D 33/00 (2006.01)
B29C 33/42 (2006.01)
B29K 21/00 (2006.01)
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H05B 6/02 (2006.01)
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B64F 1/36 (2017.01)
G06K 9/00 (2006.01)
G06Q 50/10 (2012.01)
G06V 20/62 (2022.01)
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F25B 9/14 (2006.01)
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G16H 50/20 (2018.01)
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 (51) Int. Cl.
C07D 239/95 (2006.01)
A61K 31/00 (2006.01)
A61P 35/00 (2006.01)
C07D 401/12 (2006.01)
C07D 403/06 (2006.01)
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(54) Surgical system
(51) Int. Cl.
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A61B 34/10 (2016.01)
A61F 2/38 (2006.01)
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(54) Assay reading method
(51) Int. Cl.
G06T 7/00 (2017.01)
G01N 21/00 (2006.01)
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G16H 50/50 (2018.01)
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(72) JÖRG, David J.; FÜRTINGER, Doris Helene; KOTANKO, Peter; CHERIF, Al-haji
(74) Davies Collison Cave Pty Ltd

(71) Frito-Lay North America, Inc.
(11) AU-A-2021283806
(21) 2021283806 (22) 06.05.2021
(54) Frontline void planogram alerting service tool
(51) Int. Cl.
G06Q 10/08 (2012.01)
(87) WO2021/247194
(31) 16/892,992 (32) 04.06.20 (33) US
(43) 09.12.2021
(72) KAMPE, Brian C.; SCHIMICK, Kimberly D.; SMITH, Andrew T.; PHILLIPS, John S.
(74) James & Wells Intellectual Property

(71) FUJIFILM Cellular Dynamics, Inc.; The United States of America, as represented by The Secretary, Department of Health and Human Services
(11) AU-A-2021280332
(21) 2021280332 (22) 28.05.2021
(54) Bilayer of retinal pigmented epithelium and photoreceptors and use thereof
(51) Int. Cl.
C07K 14/78 (2006.01)
C07K 17/08 (2006.01)
C12N 5/071 (2010.01)
(87) WO2021/243203
(31) 63/032,346 (32) 29.05.20 (33) US
(43) 02.12.2021
(72) DIAS, Andrew; BERNDT, Erich; CHASE, Lucas; AMARAL, Juan; MAMINISHKIS, Arvydas; BHARTI, Kapil
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Fulcrum Bioenergy, Inc.
(11) AU-A-2021262819
(21) 2021262819 (22) 30.04.2021
(54) Feedstock processing systems and methods for producing fischer-tropsch liquids and transportation fuels
(51) Int. Cl.
C10G 2/00 (2006.01)
C10G 47/00 (2006.01)
C10J 3/46 (2006.01)
(87) WO2021/222823
(31) 16/864,124 (32) 30.04.20 (33) US

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(72) TIVERIOS, Peter G.; MACIAS, James E.; LUCAS, Stephen H.; RICH, Lewis L.; THOMSON, Gregor A.
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Future Health Works Ltd.
(11) AU-A-2021263126
(21) 2021263126 (22) 28.04.2021
(54) Markerless navigation using AI computer vision
(51) Int. Cl.
G06T 7/73 (2017.01)
(87) WO2021/220060
(31) 63/017,447 (32) 29.04.20 (33) US
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(43) 04.11.2021
(72) HARTE, Thomas; PHAN, Huy Quoc
(74) FB Rice Pty Ltd

(71) Gaudfrin
(11) AU-A-2020450052
(21) 2020450052 (22) 27.05.2020
(54) Rotary filter and associated filtering method
(51) Int. Cl.
B01D 29/41 (2006.01)
B01D 29/64 (2006.01)
B01D 29/78 (2006.01)
B01D 29/94 (2006.01)
B01D 29/96 (2006.01)
B01D 35/12 (2006.01)
(87) WO2021/240073
(43) 02.12.2021
(72) ILLOUZ, Simon; DAGALLIER, Adrien; GALLAIS, Romain
(74) Spruson & Ferguson

(71) GD Midea Air-Conditioning Equipment Co., Ltd.
(11) AU-A-2020439929
(21) 2020439929 (22) 17.11.2020
(54) Fresh air module and air conditioner
(51) Int. Cl.
F24F 1/0035 (2019.01)
F24F 1/0073 (2019.01)
F24F 13/02 (2006.01)
(87) WO2021/196637
(31) 202010240346.4 (32) 30.03.20 (33) CN
(43) 07.10.2021
(72) ZHOU, Yuanle; YUAN, Hai
(74) WRAYS PTY LTD

(71) GD Midea Air-Conditioning Equipment Co., Ltd.
(11) AU-A-2020440046
(21) 2020440046 (22) 17.11.2020
(54) Fresh air module and air conditioner
(51) Int. Cl.
F24F 1/0038 (2019.01)
F24F 1/0073 (2019.01)
(87) WO2021/196634
(31) 202010240347.9 (32) 30.03.20 (33) CN

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(11) AU-A-2020440611
(21) 2020440611 (22) 17.11.2020
(54) Wall-mounted air conditioner indoor unit and air conditioner
(51) Int. Cl.
F24F 1/0035 (2019.01)
F24F 1/0073 (2019.01)
F24F 11/72 (2018.01)
(87) WO2021/196636
(31) 202010241373.3 (32) 30.03.20 (33) CN
(43) 07.10.2021
(72) ZHOU, Yuanle; PI, Shuyang; XU, Zhiyong
(74) WRAYS PTY LTD
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- (71) Generation Bio Co.
(11) AU-A-2021241696
(21) 2021241696 (22) 26.03.2021
(54) Novel lipids and nanoparticle compositions thereof
(51) Int. Cl.
A61K 9/127 (2006.01)
A61K 9/51 (2006.01)
C07C 323/25 (2006.01)
C07D 401/12 (2006.01)
C12N 15/88 (2006.01)
(87) WO2021/195529
(31) 63/000,990 (32) 27.03.20 (33) US
(43) 30.09.2021
(72) STANTON, Matthew G.; NOLTING, Birte
(74) Griffith Hack
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- (71) GGF Global Genomics Pty Limited
(11) AU-A-2021285084
(21) 2021285084 (22) 01.06.2021
(54) Methods of analysing or generating sequences of encoding elements
(51) Int. Cl.
G16B 15/00 (2019.01)
G16B 20/00 (2019.01)
G16B 35/00 (2019.01)
G16B 45/00 (2019.01)
(87) WO2021/243404
(31) 2020901794 (32) 01.06.20 (33) AU
(43) 09.12.2021
(72) HAGAN, Christopher Charles
(74) Griffith Hack
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- (71) Glaukos Corporation
(11) AU-A-2021272910
(21) 2021272910 (22) 11.05.2021
(54) Delivery of fluid to ophthalmic passages
(51) Int. Cl.
A61M 5/19 (2006.01)
A61F 9/00 (2006.01)
(87) WO2021/231461
(31) 63/023,162 (32) 11.05.20 (33) US
- (43) 18.11.2021
(72) JOHNSON, Andrew David; HAFFNER, David Steven; RANGEL-FRIEDMAN, Gary
(74) Davies Collison Cave Pty Ltd
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- (71) Google LLC
(11) AU-A-2020447125
(21) 2020447125 (22) 15.05.2020
(54) Hot-word free pre-emption of automated assistant response presentation
(51) Int. Cl.
G10L 15/22 (2006.01)
(87) WO2021/230878
(43) 18.11.2021
(72) CHAO, Pu-Sen; FANDRIANTO, Alex
(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
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- (71) Graphic Packaging International, LLC
(11) AU-A-2021280271
(21) 2021280271 (22) 26.05.2021
(54) Carrier with container retention features
(51) Int. Cl.
B65D 71/58 (2006.01)
B65D 71/56 (2006.01)
B65D 71/62 (2006.01)
(87) WO2021/242843
(31) 63/031,764 (32) 29.05.20 (33) US
(43) 02.12.2021
(72) GUNGER, Greg
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71) Gritstone Bio, Inc.
(11) AU-A-2021258191
(21) 2021258191 (22) 21.04.2021
(54) Antigen-encoding cassettes
(51) Int. Cl.
A61K 39/00 (2006.01)
C12N 15/861 (2006.01)
(87) WO2021/216775
(31) 63/013,466 (32) 21.04.20 (33) US
(43) 28.10.2021
(72) JOOSS, Karin; RAPPAPORT, Amy Rachel; SCALLAN, Ciaran Daniel; GITLIN, Leonid
(74) FB Rice Pty Ltd
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- (71) Gritstone Bio, Inc.
(11) AU-A-2021260932
(21) 2021260932 (22) 21.04.2021
(54) Capping compounds, compositions and methods of use thereof
(51) Int. Cl.
A61K 31/7088 (2006.01)
A61K 31/7115 (2006.01)
A61K 39/00 (2006.01)
C12N 15/86 (2006.01)
(87) WO2021/216776
(31) 63/013,456 (32) 21.04.20 (33) US
63/020,473 05.05.20 US
(43) 28.10.2021
(72) JOOSS, Karin; RAPPAPORT, Amy Rachel; SCALLAN, Ciaran Daniel; GITLIN, Leonid; HONG, Sue-Jean; AKOPIE, Arvin
(74) FB Rice Pty Ltd
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- (71) GW Research Limited
(11) AU-A-2021291128
(21) 2021291128 (22) 16.06.2021
(54) Use of cannabidiol in the treatment of epilepsy
(51) Int. Cl.
A61K 31/05 (2006.01)
A61K 31/19 (2006.01)
A61K 31/522 (2006.01)
A61P 25/08 (2006.01)
(87) WO2021/255446
(31) 2009321.7 (32) 18.06.20 (33) GB
(43) 23.12.2021
(72) LI, Jie; CRAIG, Kevin James; CHECK-ETTS, Daniel Adam; CRITCHLEY, David John
(74) FPA Patent Attorneys Pty Ltd
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- (71) H2 Norway AS
(11) AU-A-2021264873
(21) 2021264873 (22) 28.04.2021
(54) Seating device with a reclining function
(51) Int. Cl.
A47C 1/024 (2006.01)
A47C 7/40 (2006.01)
A47C 27/06 (2006.01)
A47C 27/07 (2006.01)
(87) WO2021/221515
(31) 20200502 (32) 28.04.20 (33) NO
(43) 04.11.2021
(72) HJELLEGJERDE, Nils Gunnar
(74) Northern Lights IP
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- (71) Halliburton Energy Services, Inc.
(11) AU-A-2020468351
(21) 2020468351 (22) 17.09.2020
(54) Fluid loss additive for low-portland or non-portland cements
(51) Int. Cl.
C09K 8/46 (2006.01)
C09K 8/467 (2006.01)
E21B 33/13 (2006.01)
(87) WO2022/060359
(31) 17/022,975 (32) 16.09.20 (33) US
(43) 24.03.2022
(72) PEARL, William Cecil Jr.; LEWIS, Samuel J.
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71) HALLIBURTON ENERGY SERVICES, INC.
(11) AU-A-2020464741
(21) 2020464741 (22) 28.08.2020
(54) A downhole power generating apparatus
(51) Int. Cl.
E21B 41/00 (2006.01)
E21B 34/06 (2006.01)
E21B 37/08 (2006.01)
E21B 43/12 (2006.01)
F03B 13/02 (2006.01)
(87) WO2022/046081
(31) 17/002,569 (32) 25.08.20 (33) US
(43) 03.03.2022
(72) INGLIS, Peter Derek Walter
(74) PHILLIPS ORMONDE FITZPATRICK

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<p>(71) Hanmi Pharm. Co., Ltd. (11) AU-A-2021248766 (21) 2021248766 (22) 02.04.2021 (54) Pharmaceutical composition for preventing or treating mucositis induced by radiotherapy, chemotherapy, or combination thereof, comprising GLP-2 derivatives or long-acting conjugate of same (51) Int. Cl. A61K 38/17 (2006.01) A61K 38/26 (2006.01) A61K 47/60 (2017.01) A61K 47/68 (2017.01) A61P 1/02 (2006.01) A61P 1/04 (2006.01) C07K 14/605 (2006.01) (87) WO2021/201654 (31) 10-2020-0040944 (32) 03.04.20 (33) KR (43) 07.10.2021 (72) LEE, Jin Bong; CHOI, Jae Hyuk; PARK, Eun Jin (74) WRAYS PTY LTD</p>	<p>H04W 72/04 (2009.01) (87) WO2021/244652 (31) 202010502329.3 (32) 04.06.20 (33) CN 202011334138.7 24.11.20 CN (43) 09.12.2021 (72) GAN, Ming; LIANG, Dandan; LI, Yiqing; GUO, Yuchen; LI, Yunbo; YU, Jian; YANG, Xun (74) PHILLIPS ORMONDE FITZPATRICK</p>	<p>F25D 19/00 (2006.01) (87) WO2021/242816 (31) 63/030,671 (32) 27.05.20 (33) US (43) 02.12.2021 (72) DEKEYSER, Nicholas (74) Spruson & Ferguson</p>
<p>(71) Heineken Supply Chain B.V. (11) AU-A-2021269790 (21) 2021269790 (22) 11.05.2021 (54) Single-serve capsule for preparing alcoholic beer (51) Int. Cl. C12C 11/11 (2019.01) B67D 1/00 (2006.01) C12G 3/005 (2019.01) C12G 3/06 (2006.01) (87) WO2021/228871 (31) 20175082.5 (32) 15.05.20 (33) EP (43) 18.11.2021 (72) BROUWER, Eric Richard; BEKKERS, Augustinus Cornelius Aldegonde Petrus Albert (74) Griffith Hack</p>	<p>(71) Huawei Technologies Co., Ltd. (11) AU-A-2021256154 (21) 2021256154 (22) 13.04.2021 (54) Communication method and communication apparatus (51) Int. Cl. H04L 5/00 (2006.01) (87) WO2021/208903 (31) 202010292203.8 (32) 14.04.20 (33) CN (43) 21.10.2021 (72) GAN, Ming; LIANG, Dandan; YU, Jian; GUO, Yuchen; LI, Yunbo; YANG, Xun (74) PHILLIPS ORMONDE FITZPATRICK</p>	<p>(71) IHI Corporation (11) AU-A-2021261991 (21) 2021261991 (22) 23.03.2021 (54) Electrolysis system and electrolysis method (51) Int. Cl. C25B 9/00 (2021.01) C25B 15/02 (2021.01) (87) WO2021/220667 (31) 2020-080918 (32) 01.05.20 (33) JP (43) 04.11.2021 (72) OKUNO, Shinya; MIZUKAMI, Noriki; KAMATA, Hiroyuki (74) Spruson & Ferguson</p>
<p>(71) Henke-Sass, Wolf GmbH (11) AU-A-2021317788 (21) 2021317788 (22) 07.07.2021 (54) Device for administering a fluid (51) Int. Cl. A61M 5/20 (2006.01) A61D 7/00 (2006.01) A61M 5/30 (2006.01) A61M 5/315 (2006.01) (87) WO2022/022957 (31) 10 2020 119 751.9 (32) 27.07.20 (33) DE (43) 03.02.2022 (72) ALTERMANN, Frank; SCHMIDT, Anika; SAUTER, Robin; SEEH, Daniel; WIEDMANN, Maikel (74) Davies Collison Cave Pty Ltd</p>	<p>(71) Hubei Institute of Aerospace Chemical Technology (11) AU-A-2020452936 (21) 2020452936 (22) 13.10.2020 (54) Non-electric and non-pressure-containing-type fire extinguishing system (51) Int. Cl. A62C 35/02 (2006.01) (87) WO2021/248759 (31) 202010523986.6 (32) 10.06.20 (33) CN (43) 16.12.2021 (72) LU, Ruihua; QIN, Peiwen; GUO, Chunliang; ZHANG, Quanxue; HUANG, Changlong; YAN, Lifan (74) A.P.T. Patent and Trade Mark Attorneys</p>	<p>(71) IHI Corporation (11) AU-A-2021275268 (21) 2021275268 (22) 17.05.2021 (54) Furnace monitoring device (51) Int. Cl. F23N 5/24 (2006.01) F23N 5/26 (2006.01) (87) WO2021/235388 (31) 2020-086657 (32) 18.05.20 (33) JP (43) 25.11.2021 (72) SATOU Naoki; TANOUE Tatsuro (74) Davies Collison Cave Pty Ltd</p>
<p>(71) Henke-Sass, Wolf GmbH (11) AU-A-2021317788 (21) 2021317788 (22) 07.07.2021 (54) Device for administering a fluid (51) Int. Cl. A61M 5/20 (2006.01) A61D 7/00 (2006.01) A61M 5/30 (2006.01) A61M 5/315 (2006.01) (87) WO2022/022957 (31) 10 2020 119 751.9 (32) 27.07.20 (33) DE (43) 03.02.2022 (72) ALTERMANN, Frank; SCHMIDT, Anika; SAUTER, Robin; SEEH, Daniel; WIEDMANN, Maikel (74) Davies Collison Cave Pty Ltd</p>	<p>(71) Hughes Tool Company LLC (11) AU-A-2021263387 (21) 2021263387 (22) 28.04.2021 (54) Jet pump drilling assembly (51) Int. Cl. E21B 21/08 (2006.01) (87) WO2021/222462 (31) 63/017,850 (32) 30.04.20 (33) US 17/240,946 26.04.21 US (43) 04.11.2021 (72) HUGHES, William (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd</p>	<p>(71) Illumina, Inc. (11) AU-A-2021268952 (21) 2021268952 (22) 05.05.2021 (54) Equalization-based image processing and spatial crosstalk attenuator (51) Int. Cl. G06T 5/00 (2006.01) (87) WO2021/226285 (31) 63/020,449 (32) 05.05.20 (33) US 17/308,035 04.05.21 US (43) 11.11.2021 (72) OJARD, Eric Jon; MEHIO, Rami; PARNABY, Gavin Derek; UDPA, Nitin; VIECELI, John S. (74) Spruson & Ferguson</p>
<p>(71) Huawei Technologies Co.,Ltd. (11) AU-A-2021283607 (21) 2021283607 (22) 04.06.2021 (54) Multicast service transmission method and device suitable for multi-link (51) Int. Cl. H04W 4/06 (2009.01) H04W 72/00 (2009.01)</p>	<p>(71) Igloo Products Corp. (11) AU-A-2021278986 (21) 2021278986 (22) 26.05.2021 (54) Modular thermoelectric apparatus for use in multiple portable containers (51) Int. Cl. F25B 21/02 (2006.01) F25B 21/04 (2006.01) F25D 3/06 (2006.01) F25D 3/08 (2006.01) F25D 17/00 (2006.01) F25D 17/06 (2006.01)</p>	<p>(71) Illumina, Inc. (11) AU-A-2021313211 (21) 2021313211 (22) 21.07.2021 (54) Variant pathogenicity scoring and classification and uses thereof (51) Int. Cl. G16B 20/20 (2019.01) G16B 40/20 (2019.01) (87) WO2022/020487 (31) 63/055,724 (32) 23.07.20 (33) US (43) 27.01.2022 (72) GAO, Hong; FARH, Kai-How; MCRAE, Jeremy Francis (74) Spruson & Ferguson</p>

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 (11) AU-A-2021313212
 (21) 2021313212 (22) 21.07.2021
 (54) Variant pathogenicity scoring and classification and uses thereof
 (51) Int. Cl.
 G16B 20/20 (2019.01)
 G16B 40/20 (2019.01)
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- (87) WO2022/020492
 (31) 63/055,731 (32) 23.07.20 (33) US
 (43) 27.01.2022
 (72) GAO, Hong; FARH, Kai-How; MCRAE, Jeremy, Francis
 (74) Spruson & Ferguson
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- (71) Incannex Healthcare Limited
 (11) AU-A-2021250462
 (21) 2021250462 (22) 15.03.2021
 (54) Methods and compositions for treating or preventing an inflammatory condition
 (51) Int. Cl.
 A61K 31/05 (2006.01)
 A61K 31/4706 (2006.01)
 A61P 1/00 (2006.01)
 A61P 11/00 (2006.01)
 A61P 11/06 (2006.01)
 A61P 11/08 (2006.01)
 A61P 19/02 (2006.01)
 A61P 29/00 (2006.01)
 A61P 37/02 (2006.01)
- (87) WO2021/195691
 (31) 2020901030 (32) 02.04.20 (33) AU
 2020902432 14.07.20 AU
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- (43) 07.10.2021
 (72) LATHAM, Joel Bradley; AGARWAL, Sudhanshu; BLEACKLEY, Mark Robert
 (74) Davies Collison Cave Pty Ltd
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- (71) Infinium Technologies, LLC
 (11) AU-A-2020446569
 (21) 2020446569 (22) 25.07.2020
 (54) Improved catalysts and processes for the direct production of liquid fuels from carbon dioxide and hydrogen
 (51) Int. Cl.
 C10G 2/00 (2006.01)
 B01D 53/14 (2006.01)
 B01D 53/52 (2006.01)
- (87) WO2021/225567
 (31) 16/873,561 (32) 04.05.20 (33) US
 (43) 11.11.2021
 (72) SCHUETZLE, Robert; SCHUETZLE, Dennis
 (74) WRAYS PTY LTD
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- (71) Infinium Technologies, LLC
 (11) AU-A-2021268531
 (21) 2021268531 (22) 03.05.2021
 (54) Process for conversion of carbon dioxide and power into fuels and chemicals
 (51) Int. Cl.
 C10G 2/00 (2006.01)
 C01B 3/34 (2006.01)
 C01B 3/48 (2006.01)
 C25B 1/04 (2021.01)
- (87) WO2021/225641
 (31) 63/101,556 (32) 04.05.20 (33) US
 (43) 11.11.2021
 (72) SCHUETZLE, Robert; SCHUETZLE, Dennis; WRIGHT, Harold; HANBURY, Orion; CALDWELL, Matthew; RODRIGUEZ, Ramer
 (74) WRAYS PTY LTD
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- (71) Infinium Technologies, LLC
 (11) AU-A-2021268532
 (21) 2021268532 (22) 03.05.2021
 (54) Process for capture of carbon dioxide from air and the direct conversion of carbon dioxide into fuels and chemicals
 (51) Int. Cl.
 B01D 53/04 (2006.01)
 B01D 53/14 (2006.01)
- (87) WO2021/225642
 (31) 63/101,558 (32) 04.05.20 (33) US
 (43) 11.11.2021
 (72) SCHUETZLE, Robert; SCHUETZLE, Dennis; WRIGHT, Harold; HANBURY, Orion; CALDWELL, Matthew; RODRIGUEZ, Ramer
 (74) WRAYS PTY LTD
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- (71) Infinium Technologies, LLC
 (11) AU-A-2021268874
 (21) 2021268874 (22) 03.05.2021
 (54) Reverse water gas shift catalytic reactor systems
 (51) Int. Cl.
 B01J 23/745 (2006.01)
 C01B 3/06 (2006.01)
 C01B 3/24 (2006.01)
- (87) WO2021/225643
 (31) 63/101,555 (32) 04.05.20 (33) US
 (43) 11.11.2021
 (72) SCHUETZLE, Robert; SCHUETZLE, Dennis; WRIGHT, Harold; HANBURY, Orion; CALDWELL, Matthew; RODRIGUEZ, Ramer
 (74) WRAYS PTY LTD
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- (71) Inkbbox Ink Inc.
 (11) AU-A-2021289619
 (21) 2021289619 (22) 09.06.2021
 (54) Semi-permanent tattoos
 (51) Int. Cl.
 C08K 5/1545 (2006.01)
 C08L 25/14 (2006.01)
 C08L 33/04 (2006.01)
 C08L 39/06 (2006.01)
 C08L 101/00 (2006.01)
 C09D 11/17 (2014.01)
- (87) WO2021/248243
 (31) 63/037,381 (32) 10.06.20 (33) US
 (43) 16.12.2021
 (72) UM NLEND, Ingrid; HANDLEY, Tyler J.
 (74) SR Intellectual Property
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- (71) Innova Patent GmbH
 (11) AU-A-2021260768
 (21) 2021260768 (22) 20.04.2021
 (54) Cableway station having a safety barrier
 (51) Int. Cl.
- (87) WO2021/225644
 (31) 63/101,556 (32) 04.05.20 (33) US
 (43) 11.11.2021
 (72) SCHUETZLE, Robert; SCHUETZLE, Dennis; WRIGHT, Harold; HANBURY, Orion; CALDWELL, Matthew; RODRIGUEZ, Ramer
 (74) WRAYS PTY LTD
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- (71) Institut Curie; Centre National de la Recherche Scientifique - CNRS -
 (11) AU-A-2021274883
 (21) 2021274883 (22) 20.05.2021
 (54) Synthetic single domain library
 (51) Int. Cl.
 C07K 16/28 (2006.01)
 C07K 16/00 (2006.01)
 C07K 16/18 (2006.01)
- (87) WO2021/234104
 (31) 20305536.3 (32) 20.05.20 (33) EP
 (43) 25.11.2021
 (72) PEREZ, Franck; MOUTEL, Sandrine
 (74) Spruson & Ferguson
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- (71) Institut Curie; Centre National de la Recherche Scientifique - CNRS -; The University of Zurich; Honing Biosciences
 (11) AU-A-2021275489
 (21) 2021275489 (22) 20.05.2021
 (54) Single domain antibodies and their use in cancer therapies
 (51) Int. Cl.
 C07K 16/28 (2006.01)
 A61K 39/00 (2006.01)
 A61K 47/69 (2017.01)
 A61P 35/00 (2006.01)
 C07K 14/725 (2006.01)
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 A61K 45/06 (2006.01)
 A61K 47/64 (2017.01)
 A61P 35/00 (2006.01)
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C12N 7/00 (2006.01)
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(51) Int. Cl.
C12N 9/02 (2006.01)
C07K 16/40 (2006.01)
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C12N 15/52 (2006.01)
C12Q 1/66 (2006.01)
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C11D 1/66 (2006.01)
C09K 8/60 (2006.01)
C09K 8/90 (2006.01)
C11D 3/00 (2006.01)
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G02C 7/02 (2006.01)
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G01R 23/20 (2006.01)
G01R 29/08 (2006.01)
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B67D 1/00 (2006.01)
B67D 7/00 (2010.01)
F17D 3/00 (2006.01)
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C12N 5/0775 (2010.01)
A61K 35/28 (2015.01)
A61P 3/10 (2006.01)
A61P 29/00 (2006.01)
C12M 1/00 (2006.01)
C12M 1/32 (2006.01)
C12M 3/06 (2006.01)
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A61B 5/15 (2006.01)
G01N 27/00 (2006.01)
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(54) Tension knife for cutting food products
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B26D 3/18 (2006.01)
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H05B 6/12 (2006.01)
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A61L 27/36 (2006.01)
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B09B 1/00 (2006.01)
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A61F 2/16 (2006.01)
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C07C 237/26 (2006.01)
A61K 31/65 (2006.01)
A61P 19/04 (2006.01)
A61P 29/00 (2006.01)
A61P 31/12 (2006.01)
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B65G 47/14 (2006.01)
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C03C 27/06 (2006.01)
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A61K 31/00 (2006.01)
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C07K 16/40 (2006.01)
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 (74) FPA Patent Attorneys Pty Ltd
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 (54) Methods and compositions for transducing hematopoietic stem and progenitor cells in vivo
 (51) Int. Cl.
C12N 5/0789 (2010.01)
A61K 38/19 (2006.01)
A61K 48/00 (2006.01)
C12N 5/078 (2010.01)
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B02C 2/00 (2006.01)
B02C 13/28 (2006.01)
B22D 19/02 (2006.01)
B22D 19/06 (2006.01)
B22F 3/23 (2006.01)
B22F 5/00 (2006.01)
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C22C 1/04 (2006.01)
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 (51) Int. Cl.
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- A22C 15/00** (2006.01)
A22C 17/00 (2006.01)
 (87) WO2021/254837
 (31) 20180069.5 (32) 15.06.20 (33) EP
 (43) 23.12.2021
 (72) JANSSEN, Cornelis Joannes; STOOT, Dennis; VAN DER STEEN, Franciscus Theodorus Henricus Johannes
 (74) FB Rice Pty Ltd
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- (71) Marengo Therapeutics, Inc.
 (11) AU-A-2021261420
 (21) 2021261420 (22) 23.04.2021
 (54) Multifunctional molecules that bind to T cell related cancer cells and uses thereof
 (51) Int. Cl.
C07K 16/28 (2006.01)
A61P 35/00 (2006.01)
C07K 14/705 (2006.01)
C07K 14/725 (2006.01)
C12N 5/0783 (2010.01)
 (87) WO2021/217085
 (31) 63/014,920 (32) 24.04.20 (33) US
 63/070,777 26.08.20 US
 (43) 28.10.2021
 (72) LOEW, Andreas; MALHOTRA, Nidhi; KATRAGADDA, Madan; MAREK, Peter; GUNTAS, Gurkan; PALAKURTHI, Sangeetha
 (74) Spruson & Ferguson
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- (71) Markman Biologics Corporation
 (11) AU-A-2021242217
 (21) 2021242217 (22) 17.03.2021
 (54) Modified tissue graft and methods and apparatus for creating a modified tissue graft
 (51) Int. Cl.
A61F 2/00 (2006.01)
 (87) WO2021/194817
 (31) 16/831,169 (32) 26.03.20 (33) US
 17/146,305 11.01.21 US
 (43) 30.09.2021
 (72) MARKMAN, Barry
 (74) Adams Pluck
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- (71) MedImmune Limited
 (11) AU-A-2021253117
 (21) 2021253117 (22) 01.04.2021
 (54) Treating acute respiratory distress syndrome with IL-33 axis binding antagonists
 (51) Int. Cl.
C07K 16/24 (2006.01)
A61K 39/395 (2006.01)
A61P 11/00 (2006.01)
A61P 29/00 (2006.01)
A61P 31/14 (2006.01)
G01N 33/569 (2006.01)
 (87) WO2021/204707
 (31) 63/005,649 (32) 06.04.20 (33) US
 63/015,915 27.04.20 US
 63/140,502 22.01.21 US
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- (43) 14.10.2021
 (72) PANDYA, Hitesh Champaklal; COHEN, Emma Suzanne; KELL, Christopher Martin
 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) Medizinische Universität Wien; Technische Universität Wien
 (11) AU-A-2021266893
 (21) 2021266893 (22) 03.05.2021
 (54) Device for connecting a cannula to a container
 (51) Int. Cl.
A61B 5/15 (2006.01)
A61B 5/154 (2006.01)
A61B 5/155 (2006.01)
 (87) WO2021/224751
 (31) A 108/2020 (32) 05.05.20 (33) AT
 (43) 11.11.2021
 (72) BARON, David; EISEN-MENGER-SITTNER, Christoph; MÜLLER, Martin; THAJER, Lukas; PRIBITZER, Stefan
 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) MED Progress, LLC
 (11) AU-A-2021248653
 (21) 2021248653 (22) 02.04.2021
 (54) Reducing or inhibiting ocular damage by hyaluronidase administration
 (51) Int. Cl.
A61K 31/704 (2006.01)
A61K 9/51 (2006.01)
 (87) WO2021/203062
 (31) 63/004,444 (32) 02.04.20 (33) US
 (43) 07.10.2021
 (72) YOELIN, Steve
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) MEDSENIC
 (11) AU-A-2021247142
 (21) 2021247142 (22) 06.04.2021
 (54) Use of an arsenic compound for treating a short or long cytokine storm in various autoimmune/inflammatory diseases in humans or animals
 (51) Int. Cl.
A61K 31/285 (2006.01)
A61K 9/00 (2006.01)
A61K 31/28 (2006.01)
A61K 31/30 (2006.01)
A61K 31/315 (2006.01)
A61K 33/06 (2006.01)
A61K 33/242 (2019.01)
A61K 33/26 (2006.01)
A61K 33/30 (2006.01)
A61K 33/32 (2006.01)
A61K 33/34 (2006.01)
A61P 11/00 (2006.01)
A61P 31/14 (2006.01)
A61P 31/16 (2006.01)
 (87) WO2021/198535
 (31) 20168111.1 (32) 03.04.20 (33) EP
 20306261.7 22.10.20 EP
 (43) 07.10.2021
 (72) RIEGER, François; RIEGER, Simon
 (74) Griffith Hack

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<p>(71) Memorial Sloan-Kettering Cancer Center; Millennium Pharmaceuticals, Inc.; Sloan-Kettering Institute for Cancer Research; Memorial Hospital for Cancer and Allied Diseases</p> <p>(11) AU-A-2021261429</p> <p>(21) 2021261429 (22) 26.04.2021</p> <p>(54) Chimeric antigen receptors targeting CD19 and use thereof</p> <p>(51) Int. Cl.</p> <p>A61K 35/17 (2015.01)</p> <p>A61K 39/395 (2006.01)</p> <p>C07K 14/705 (2006.01)</p> <p>(87) WO2021/217130</p> <p>(31) 63/015,362 (32) 24.04.20 (33) US</p> <p>63/073,133 01.09.20 US</p> <p>(43) 28.10.2021</p> <p>(72) FEUCHT, Judith; MANSILLA-SOTO, Jorge; RIVIERE, Isabelle; SADELAIN, Michel; VINCENT, Loic; SHAPIRO, Gary; NG, Mei Rosa; TAVARES, Dan; HE, Xingyue</p> <p>(74) Spruson & Ferguson</p>	<p>A61M 5/178 (2006.01)</p> <p>(87) WO2021/225869</p> <p>(31) 63/020,292 (32) 05.05.20 (33) US</p> <p>(43) 11.11.2021</p> <p>(72) GILES, Morgan B.; FORSTER, Seth P.; BARRETT, Stephanie Elizabeth; KOYNOV, Athanas; TELLER, Ryan S.</p> <p>(74) ALLENS PATENT & TRADE MARK ATTORNEYS</p>	<p>(87) WO2022/012819</p> <p>(31) 20382649.0 (32) 17.07.20 (33) EP</p> <p>(43) 20.01.2022</p> <p>(72) TORRES MONTALVO, Raúl; GIMENO TORDERA, Albert; SÁNCHEZ GUISSADO, Fermín</p> <p>(74) PHILLIPS ORMONDE FITZPATRICK</p>
<p>(71) Merz Pharma GmbH & Co. KGaA</p> <p>(11) AU-A-2021286196</p> <p>(21) 2021286196 (22) 04.06.2021</p> <p>(54) High dose and low volume botulinum toxin treatment of facial wrinkles</p> <p>(51) Int. Cl.</p> <p>A61K 38/48 (2006.01)</p> <p>A61Q 19/08 (2006.01)</p> <p>(87) WO2021/245223</p> <p>(31) 20178574.8 (32) 05.06.20 (33) EP</p> <p>(43) 09.12.2021</p> <p>(72) ROLL, Susanna; SLADEK, Meik; GEISTER, Thorin; PULTE, Irena; WEISSENBERGER, Petra; KLEIN, Gudrun</p> <p>(74) Spruson & Ferguson</p>	<p>(71) Metso Outotec Finland Oy</p> <p>(11) AU-A-2020456669</p> <p>(21) 2020456669 (22) 29.06.2020</p> <p>(54) Lifter bar, arrangement at grinding mill discharge end and method for disassembling discharge end of grinding mill</p> <p>(51) Int. Cl.</p> <p>B02C 17/18 (2006.01)</p> <p>B02C 17/22 (2006.01)</p> <p>(87) WO2022/003232</p> <p>(43) 06.01.2022</p> <p>(72) GREEN, Nick; BORDI, Damon; TANI, Tuomas; NILSSON, Peter</p> <p>(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD</p>	<p>(71) Midori Anzen Co., Ltd.; BST Specialty Co., Ltd.</p> <p>(11) AU-A-2021247925</p> <p>(21) 2021247925 (22) 30.03.2021</p> <p>(54) Composition for dip molding and molded body thereof</p> <p>(51) Int. Cl.</p> <p>B29C 41/14 (2006.01)</p> <p>A41D 19/00 (2006.01)</p> <p>A41D 19/04 (2006.01)</p> <p>B29C 41/36 (2006.01)</p> <p>C08F 236/04 (2006.01)</p> <p>C08G 59/42 (2006.01)</p> <p>C08K 3/22 (2006.01)</p> <p>C08L 13/00 (2006.01)</p> <p>C08L 63/00 (2006.01)</p> <p>(87) WO2021/200984</p> <p>(31) 2020-065224 (32) 31.03.20 (33) JP</p> <p>2020-161304 25.09.20 JP</p> <p>(43) 07.10.2021</p> <p>(72) ENOMOTO, Norihide; MORINAGA, Atsushi; OTA, Hisanori</p> <p>(74) Spruson & Ferguson</p>
<p>(71) Memorial Sloan-Kettering Cancer Center; OSE Immunotherapeutics</p> <p>(11) AU-A-2021262748</p> <p>(21) 2021262748 (22) 27.04.2021</p> <p>(54) Chimeric antigen receptors targeting CD127 and use thereof</p> <p>(51) Int. Cl.</p> <p>A61K 39/00 (2006.01)</p> <p>C07K 16/28 (2006.01)</p> <p>C12N 5/00 (2006.01)</p> <p>(87) WO2021/222227</p> <p>(31) 63/015,923 (32) 27.04.20 (33) US</p> <p>(43) 04.11.2021</p> <p>(72) ADUSUMILLI, Prasad S.; POIRIER, Nicolas</p> <p>(74) Spruson & Ferguson</p>	<p>(71) Metalline Smart Build Limited</p> <p>(11) AU-A-2021253761</p> <p>(21) 2021253761 (22) 09.04.2021</p> <p>(54) A sensor system for a building</p> <p>(51) Int. Cl.</p> <p>G08B 17/00 (2006.01)</p> <p>(87) WO2021/205180</p> <p>(31) 2005281.7 (32) 09.04.20 (33) GB</p> <p>(43) 14.10.2021</p> <p>(72) BROUGH, Darron; ZULFIQUAR, Mohammed</p> <p>(74) Michael Buck IP</p>	<p>(71) Metalogenia Research & Technologies S.L.</p> <p>(11) AU-A-2021262454</p> <p>(21) 2021262454 (22) 26.04.2021</p> <p>(54) Wear element for an earth-moving machine, corresponding measuring device and machine</p> <p>(51) Int. Cl.</p> <p>E02F 9/28 (2006.01)</p> <p>E02F 9/26 (2006.01)</p> <p>(87) WO2021/219557</p> <p>(31) 20382353.9 (32) 29.04.20 (33) EP</p> <p>(43) 04.11.2021</p> <p>(72) VALLVÉ BERTRAN, Nil; ORTIZ GARCÍA, Justo Jesús; MARQUEZ LLINAS, Jordi; TRIGINER CASTAÑÉ, Javier</p> <p>(74) PHILLIPS ORMONDE FITZPATRICK</p>
<p>(71) Merck Sharp & Dohme Corp.</p> <p>(11) AU-A-2021268579</p> <p>(21) 2021268579 (22) 29.04.2021</p> <p>(54) Methods of treating cancer using a combination of a PD-1 antagonist, a chemoradiation therapy and a parp inhibitor</p> <p>(51) Int. Cl.</p> <p>A61K 39/395 (2006.01)</p> <p>A61K 31/5025 (2006.01)</p> <p>A61P 35/00 (2006.01)</p> <p>(87) WO2021/225851</p> <p>(31) 63/019,699 (32) 04.05.20 (33) US</p> <p>(43) 11.11.2021</p> <p>(72) PERLMUTTER, Roger M.; PIETANZA, Maria Catherine</p> <p>(74) Spruson & Ferguson</p>	<p>(71) Metalogenia Research & Technologies S.L.</p> <p>(11) AU-A-2021308377</p> <p>(21) 2021308377 (22) 10.06.2021</p> <p>(54) Adapter and wear element with a pin arranged at a low stress point</p> <p>(51) Int. Cl.</p> <p>E02F 9/28 (2006.01)</p>	<p>(71) Mission Therapeutics Limited</p> <p>(11) AU-A-2021253617</p> <p>(21) 2021253617 (22) 07.04.2021</p> <p>(54) N-cyanopyrrolidines with activity as USP30 inhibitors</p> <p>(51) Int. Cl.</p> <p>C07D 413/12 (2006.01)</p> <p>A61K 31/421 (2006.01)</p> <p>A61P 35/00 (2006.01)</p> <p>A61P 43/00 (2006.01)</p> <p>(87) WO2021/204856</p> <p>(31) 2005250.2 (32) 08.04.20 (33) GB</p> <p>2016607.0 20.10.20 GB</p> <p>(43) 14.10.2021</p> <p>(72) LUCKHURST, Christopher Andrew; KEMP, Mark Ian; THOMPSON, Paul William</p> <p>(74) ALLENS PATENT & TRADE MARK ATTORNEYS</p>
<p>(71) Merck Sharp & Dohme LLC</p> <p>(11) AU-A-2021268584</p> <p>(21) 2021268584 (22) 30.04.2021</p> <p>(54) Drug delivery system for the delivery of antiviral agents and contraceptives</p> <p>(51) Int. Cl.</p> <p>A61M 5/00 (2006.01)</p>	<p>(71) Metalogenia Research & Technologies S.L.</p> <p>(11) AU-A-2021308377</p> <p>(21) 2021308377 (22) 10.06.2021</p> <p>(54) Adapter and wear element with a pin arranged at a low stress point</p> <p>(51) Int. Cl.</p> <p>E02F 9/28 (2006.01)</p>	<p>(71) LUCKHURST, Christopher Andrew; KEMP, Mark Ian; THOMPSON, Paul William</p> <p>(74) ALLENS PATENT & TRADE MARK ATTORNEYS</p>

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(11) AU-A-2021260363
(21) 2021260363 (22) 23.04.2021
(54) Fermented milk and method for producing same
(51) Int. Cl.
A23C 9/13 (2006.01)
(87) WO2021/215530
(31) 2020-076404 (32) 23.04.20 (33) JP
(43) 28.10.2021
(72) SAKURADA Nobuyuki; HARA Hideyuki
(74) Spruson & Ferguson
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- (71) Mölnlycke Health Care AB
(11) AU-A-2021279132
(21) 2021279132 (22) 24.05.2021
(54) Mobile negative pressure wound therapy device configured for start-up test
(51) Int. Cl.
A61M 1/00 (2006.01)
(87) WO2021/239657
(31) 20176285.3 (32) 25.05.20 (33) EP
(43) 02.12.2021
(72) ROUX, Alain; HERMANSSON, Anders; KIDBORG, Stefan
(74) FPA Patent Attorneys Pty Ltd
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- (71) Mölnlycke Health Care AB
(11) AU-A-2021282325
(21) 2021282325 (22) 24.05.2021
(54) A mobile negative pressure wound therapy device
(51) Int. Cl.
A61M 1/00 (2006.01)
(87) WO2021/239656
(31) 20176284.6 (32) 25.05.20 (33) EP
(43) 02.12.2021
(72) ROUX, Alain; HERMANSSON, Anders; KIDBORG, Stefan
(74) FPA Patent Attorneys Pty Ltd
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- (71) Momenta Pharmaceuticals, Inc.
(11) AU-A-2021275117
(21) 2021275117 (22) 19.05.2021
(54) Preparation and purification of hyper-sialylated IgG
(51) Int. Cl.
C07K 14/715 (2006.01)
C07K 14/705 (2006.01)
C07K 16/00 (2006.01)
(87) WO2021/236769
(31) 63/026,875 (32) 19.05.20 (33) US
(43) 25.11.2021
(72) SCHAECK, John; GRAHAM, Steffen; ZOUAOU, Radouane
(74) Spruson & Ferguson
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- (71) Nanjing Iaso Biotherapeutics Co., Ltd.
(11) AU-A-2021250615
(21) 2021250615 (22) 02.04.2021
(54) Fully human anti-human CD22 chimeric antigen receptor and application thereof
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C07K 19/00 (2006.01)
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- (71) NantG Mobile, LLC
(11) AU-A-2021267896
(21) 2021267896 (22) 06.05.2021
(54) Location-based content sharing via tethering
(51) Int. Cl.
H04L 67/04 (2022.01)
H04L 67/104 (2022.01)
H04L 67/52 (2022.01)
H04W 12/63 (2021.01)
(87) WO2021/226339
(31) 63/021,282 (32) 07.05.20 (33) US
(43) 11.11.2021
(72) MADDEN, Michael E.; SNYDER, Jesse William; FYFE, Jake Tyler; WIACEK, John; GEER, Matthew W.
(74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd
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- (71) Neozyme International, Inc.
(11) AU-A-2021265767
(21) 2021265767 (22) 26.04.2021
(54) Non-toxic fire extinguishing compositions, devices and methods of using same
(51) Int. Cl.
A62D 1/00 (2006.01)
C12P 1/02 (2006.01)
(87) WO2021/222141
(31) 63/015,640 (32) 26.04.20 (33) US
(43) 04.11.2021
(72) DALE, Parker D.; JOHNSTON, Jay
(74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd
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- (71) Nexter Systems
(11) AU-A-2021267740
(21) 2021267740 (22) 03.05.2021
(54) Compact guide device for a recoiling mass
(51) Int. Cl.
F41A 25/22 (2006.01)
(87) WO2021/224762
(31) 2004166 (32) 04.05.20 (33) FR
(43) 11.11.2021
(72) SEPTFONS, Pierre; BALBO, Patrick
(74) Wallington-Dummer
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- (71) Nihon Matai Co., Ltd.
(11) AU-A-2021243811
(21) 2021243811 (22) 15.03.2021
(54) Multilayer film
(51) Int. Cl.
B32B 27/40 (2006.01)
C08J 7/04 (2020.01)
(87) WO2021/193188
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- (31) 2020-058909 (32) 27.03.20 (33) JP
(43) 30.09.2021
(72) ARIMA Tomonori; KOBAYASHI Yuri
(74) WRAYS PTY LTD
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- (71) Nippon Steel Corporation
(11) AU-A-2021281774
(21) 2021281774 (22) 14.05.2021
(54) Method for producing reduced iron
(51) Int. Cl.
C21B 13/02 (2006.01)
F27D 17/00 (2006.01)
(87) WO2021/241272
(31) 2020-093139 (32) 28.05.20 (33) JP
(43) 02.12.2021
(72) INADA Takanobu; MIZUTANI Moritoshi; UJISAWA Yutaka; YASUDA Naoto; FUNAGANE Hitoshi
(74) Spruson & Ferguson
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- (71) Nipro Corporation
(11) AU-A-2021245668
(21) 2021245668 (22) 30.03.2021
(54) Indwelling needle
(51) Int. Cl.
A61M 25/06 (2006.01)
(87) WO2021/201014
(31) 2020-060808 (32) 30.03.20 (33) JP
(43) 07.10.2021
(72) MIYAKE, Takako; YOKOTA, Hiroki
(74) Spruson & Ferguson
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- (71) Novozymes A/S
(11) AU-A-2020450434
(21) 2020450434 (22) 03.12.2020
(54) Pulse and/or legume protein-fortified doughs and baked goods comprising lipase
(51) Int. Cl.
A21D 2/26 (2006.01)
A21D 2/24 (2006.01)
A21D 8/04 (2006.01)
A21D 13/045 (2017.01)
A21D 13/064 (2017.01)
(87) WO2021/239267
(31) PA 2020 00636 (32) 29.05.20 (33) DK
20203541.6 23.10.20 EP
(43) 02.12.2021
(72) KALUM, Lisbeth
(74) Pearce IP Pty Ltd
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- (71) Novozymes A/S
(11) AU-A-2021271010
(21) 2021271010 (22) 12.05.2021
(54) Engineered microorganism for improved pentose fermentation
(51) Int. Cl.
C12N 9/10 (2006.01)
C12N 9/90 (2006.01)
C12N 9/92 (2006.01)
C12P 7/06 (2006.01)
C12P 17/10 (2006.01)
(87) WO2021/231623
(31) 63/024,036 (32) 13.05.20 (33) US
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 (72) TASSONE, Monica; ALLAIN, Eric
 (74) Spruson & Ferguson
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- (71) NUC Electronics Co., Ltd.
 (11) AU-A-2021365462
 (21) 2021365462 (22) 17.09.2021
 (54) Blender having automatically opening and closing cover
 (51) Int. Cl.
 A47J 43/07 (2006.01)
 A47J 43/08 (2006.01)
 (87) WO2022/085960
 (31) 10-2020-0137233 (32) 22.10.20 (33) KR
 (43) 28.04.2022
 (72) KIM, Jong Boo
 (74) FB Rice Pty Ltd
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- (71) Nuevolution A/S
 (11) AU-A-2021249530
 (21) 2021249530 (22) 31.03.2021
 (54) Compounds active towards nuclear receptors
 (51) Int. Cl.
 C07D 487/04 (2006.01)
 A61K 31/519 (2006.01)
 A61P 3/00 (2006.01)
 A61P 29/00 (2006.01)
 C07D 401/12 (2006.01)
 C07D 405/14 (2006.01)
 C07D 413/14 (2006.01)
 (87) WO2021/198956
 (31) 63/002,651 (32) 31.03.20 (33) US
 (43) 07.10.2021
 (72) SCHRØDER GLAD, Sanne; SARVARY, Ian; GOULIAEV, Alex Haahr; STASI, Luigi Piero
 (74) Spruson & Ferguson
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- (71) Nutrition 21, LLC
 (11) AU-A-2021248667
 (21) 2021248667 (22) 05.04.2021
 (54) Method and composition for enhancing the quality and benefits of sleep
 (51) Int. Cl.
 A23L 29/20 (2016.01)
 A61K 9/00 (2006.01)
 A61K 33/06 (2006.01)
 (87) WO2021/203106
 (31) 63/005,080 (32) 03.04.20 (33) US
 (43) 07.10.2021
 (72) NELSON, Deanna J.; KOMOROWSKI, James R.
 (74) Spruson & Ferguson
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- (71) Ohio State Innovation Foundation
 (11) AU-A-2021264005
 (21) 2021264005 (22) 30.04.2021
 (54) Methods and compositions for enhancing stability and solubility of split-insulins
 (51) Int. Cl.
 C07K 14/195 (2006.01)
 C07K 17/08 (2006.01)
 (87) WO2021/222745
 (31) 63/018,084 (32) 30.04.20 (33) US
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- (43) 04.11.2021
 (72) TARIS, Joseph; WOOD, David Webster
 (74) RnB IP
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- (71) Oji Holdings Corporation
 (11) AU-A-2021249695
 (21) 2021249695 (22) 30.03.2021
 (54) Corrugated fiberboard material
 (51) Int. Cl.
 B32B 3/28 (2006.01)
 B31F 1/08 (2006.01)
 B31F 1/24 (2006.01)
 B32B 29/08 (2006.01)
 D21H 15/02 (2006.01)
 D21H 21/16 (2006.01)
 D21H 21/18 (2006.01)
 D21H 27/00 (2006.01)
 D21H 27/10 (2006.01)
 D21H 27/30 (2006.01)
 (87) WO2021/200988
 (31) 2020-062419 (32) 31.03.20 (33) JP
 2020-075603 21.04.20 JP
 2020-075604 21.04.20 JP
 (43) 07.10.2021
 (72) SHIODA, Shunsuke; SATO, So; YAMAGUCHI, Takamichi; KAWANAMI, Yusei; BANZASHI, Go; SANADA, Shohei
 (74) Spruson & Ferguson
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- (71) Okta, Inc.
 (11) AU-A-2021249117
 (21) 2021249117 (22) 31.03.2021
 (54) Flexible identity and access management pipeline
 (51) Int. Cl.
 H04L 9/32 (2006.01)
 G06Q 10/06 (2012.01)
 G06Q 20/40 (2012.01)
 (87) WO2021/202795
 (31) 63/003,866 (32) 01.04.20 (33) US
 (43) 07.10.2021
 (72) DAWSON, William, J. V; ABBOTT, Thomas; THOMPSON, Trevor; TODD, Jonathan R.; MCGUINNESS, Karl
 (74) FB Rice Pty Ltd
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- (71) Onegene Biotechnology Inc.
 (11) AU-A-2021264869
 (21) 2021264869 (22) 29.04.2021
 (54) Novel protein conjugate, and use thereof for preventing or treating nonalcoholic steatohepatitis, obesity and diabetes
 (51) Int. Cl.
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 A61K 38/22 (2006.01)
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A01G 7/00 (2006.01)
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A01H 1/00 (2006.01)
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F41G 1/36 (2006.01)
F21Y 105/18 (2016.01)
F21Y 113/13 (2016.01)
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A61B 17/29 (2006.01)
A61B 34/00 (2016.01)
A61B 90/00 (2016.01)
(87) WO2021/219396
(31) 20382338.0 **(32)** 27.04.20 **(33)** EP
(43) 04.11.2021
(72) AMAT GIRBAU, Josep
(74) James & Wells Intellectual Property
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(21) 2021435255 **(22)** 08.09.2021
(54) Pipeline assembly and manufacturing
 method therefor
(51) Int. Cl.
F16L 47/00 (2006.01)
F16L 25/00 (2006.01)
(31) PI2021002637 **(32)** 11.05.21 **(33)** MY
(43) 01.12.2022
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(74) CHILIAD CONSULTING PTY LTD
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- (71)** Sage Products LLC
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(21) 2021261028 **(22)** 23.04.2021
(54) Fecal collection systems and methods
(51) Int. Cl.
A61F 5/443 (2006.01)
A61F 5/451 (2006.01)
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(31) 63/014,684 **(32)** 23.04.20 **(33)** US

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 (74) Davies Collison Cave Pty Ltd
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- (71) SAKO Oy
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 (21) 2021275485 (22) 20.05.2021
 (54) Gas system of a firearm
 (51) Int. Cl.
F41A 5/20 (2006.01)
F41A 5/26 (2006.01)
F41A 5/28 (2006.01)
 (87) WO2021/234090
 (31) 20205509 (32) 20.05.20 (33) FI
 (43) 25.11.2021
 (72) SCHRÖDL, Christoph; TÖRMÄNEN, Hannu
 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) SAKO Oy
 (11) AU-A-2021276556
 (21) 2021276556 (22) 20.05.2021
 (54) Firing pin safety of a firearm
 (51) Int. Cl.
F41A 11/00 (2006.01)
F41A 17/66 (2006.01)
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 (43) 25.11.2021
 (72) SCHRÖDL, Christoph
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- (71) SAKO Oy
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 (21) 2021276581 (22) 12.05.2021
 (54) Connection for connecting upper and lower receiver of a weapon
 (51) Int. Cl.
F41A 3/66 (2006.01)
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 (74) PHILLIPS ORMONDE FITZPATRICK
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 (51) Int. Cl.
G06Q 10/10 (2012.01)
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 (31) 63/077,161 (32) 11.09.20 (33) US
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 (51) Int. Cl.
A61K 39/40 (2006.01)
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A61P 1/12 (2006.01)
C07K 14/245 (2006.01)
C07K 16/10 (2006.01)
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 (72) GOEPP, Julius G.
 (74) PHILLIPS ORMONDE FITZPATRICK
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 (54) Mobile secure network system and device
 (51) Int. Cl.
G06F 21/86 (2013.01)
H04L 12/12 (2006.01)
H04L 12/28 (2006.01)
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 (31) 16/833,396 (32) 27.03.20 (33) US
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 (74) Spruson & Ferguson
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 (21) 2021248867 (22) 18.03.2021
 (54) Antiviral compounds and method for treating RNA viral infection, particularly COVID-19
 (51) Int. Cl.
C07D 401/14 (2006.01)
C07D 471/12 (2006.01)
C07D 487/04 (2006.01)
C07D 495/04 (2006.01)
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 (31) 63/001,723 (32) 30.03.20 (33) US
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 (51) Int. Cl.
C07D 401/14 (2006.01)
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C07D 487/04 (2006.01)
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 (31) 63/001,723 (32) 30.03.20 (33) US
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 (54) Drive and method for operating a drive
 (51) Int. Cl.
G01M 13/025 (2019.01)
G01M 13/021 (2019.01)
G01M 13/027 (2019.01)
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 (31) 10 2020 003 371.7 (32) 04.06.20 (33) DE
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 (74) Griffith Hack
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 (11) AU-A-2021414579
 (21) 2021414579 (22) 12.04.2021
 (54) Integral side slope structure of soil covering tank
 (51) Int. Cl.
E02D 17/20 (2006.01)
F17C 1/04 (2006.01)
F17C 13/00 (2006.01)
F17C 13/08 (2006.01)
F17C 13/12 (2006.01)
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 (11) AU-A-2021433131
 (21) 2021433131 (22) 12.04.2021
 (54) Fully soil-covered structure of vertical tank body
 (51) Int. Cl.
F17C 13/08 (2006.01)
B65D 88/76 (2006.01)
 (87) WO2022/193385
 (31) 202110280214.9 (32) 16.03.21 (33) CN
 (43) 22.09.2022
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 (21) 2021433525 (22) 12.04.2021
 (54) Closed-loop safety ventilation system for fully-mounded tank
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F17C 13/00 (2006.01)
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 (54) Gonadotropin releasing hormone receptor antagonist and use thereof
 (51) Int. Cl.
C07D 239/54 (2006.01)
A61K 31/55 (2006.01)
A61P 5/02 (2006.01)
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 (43) 28.10.2021
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 (51) Int. Cl.
H01L 31/05 (2014.01)
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 (74) Franke Hyland Pty Ltd
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 (54) High throughput engineering of functional AAV capsids
 (51) Int. Cl.
C12N 15/864 (2006.01)
A61K 48/00 (2006.01)
C07K 14/005 (2006.01)
C12N 7/00 (2006.01)
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 (43) 02.12.2021
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 (21) 2021284970 (22) 28.05.2021
 (54) A process and reactor for converting carbon dioxide into carbon monoxide, involving a catalyst
 (51) Int. Cl.
C01B 3/16 (2006.01)
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 (51) Int. Cl.
C01B 3/36 (2006.01)
C01B 3/12 (2006.01)
C10K 3/02 (2006.01)
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 (21) 2021267881 (22) 05.05.2021
 (54) Viewing optic with an enabler interface
 (51) Int. Cl.
F41G 11/00 (2006.01)
F41C 27/00 (2006.01)
G02B 23/16 (2006.01)
G03B 29/00 (2021.01)
 (87) WO2021/226228
 (31) 63/020,394 (32) 05.05.20 (33) US
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 (11) AU-A-2020440743
 (21) 2020440743 (22) 11.05.2020
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 (51) Int. Cl.
C07H 19/048 (2006.01)
A23L 33/10 (2016.01)
A23L 33/175 (2016.01)
C07C 51/41 (2006.01)
C07C 59/245 (2006.01)
C07C 59/265 (2006.01)
C07C 59/42 (2006.01)
C07H 1/00 (2006.01)
 (87) WO2021/196349
 (31) 202010258334.4 (32) 03.04.20 (33) CN
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- (71) Shenzhen Shokz Co., Ltd.
 (11) AU-A-2021262946
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 (54) ACOUSTIC DEVICES AND MAGNETIC CIRCUIT ASSEMBLIES THEREOF
 (51) Int. Cl.
H04R 1/10 (2006.01)
H04R 9/02 (2006.01)
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- (71) Siemens Energy Global GmbH & Co. KG
 (11) AU-A-2021267538
 (21) 2021267538 (22) 07.05.2021
 (54) Method and device for compensating a line fault occurring on a three-phase power supply network
 (51) Int. Cl.
H02H 9/08 (2006.01)
 (87) WO2021/224462
 (31) 20173634.5 (32) 08.05.20 (33) EP
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 (21) 2021279144 (22) 25.05.2021
 (54) Foaming creamer
 (51) Int. Cl.
A23C 11/00 (2006.01)
A23C 3/02 (2006.01)
A23C 11/04 (2006.01)
A23L 29/212 (2016.01)
A23L 29/256 (2016.01)
A23L 29/262 (2016.01)
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 (74) Spruson & Ferguson
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- (71) Société des Produits Nestlé S.A.
 (11) AU-A-2021288489
 (21) 2021288489 (22) 03.06.2021
 (54) Method for preparing a comestible product
 (51) Int. Cl.
A23F 3/16 (2006.01)

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A23L 2/02 (2006.01)
A23L 2/38 (2021.01)
A23L 2/385 (2006.01)
A23L 2/60 (2006.01)
A23L 27/30 (2016.01)
A23L 29/30 (2016.01)
A23L 31/10 (2016.01)
A23L 33/105 (2016.01)
A23L 33/135 (2016.01)
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(72) ARAGÃO BÖRNER, Rosa; MULLER, Jeroen André; ZHANG, Jiyuan
(74) Spruson & Ferguson
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(11) AU-A-2021281622
(21) 2021281622 **(22)** 06.05.2021
(54) Compositions and methods for digestive health in an animal
(51) Int. Cl.
A23K 10/18 (2016.01)
A23K 10/20 (2016.01)
A23K 10/30 (2016.01)
A23K 10/38 (2016.01)
A23K 20/147 (2016.01)
A23K 20/163 (2016.01)
A23K 20/174 (2016.01)
A23K 20/179 (2016.01)
A23K 20/22 (2016.01)
A23K 20/24 (2016.01)
A23K 40/30 (2016.01)
A23K 50/40 (2016.01)
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(31) 63/032,033 **(32)** 29.05.20 **(33)** US
63/034,030 03.06.20 US
(43) 02.12.2021
(72) SPEARS, Julie K.; BELOSHAPKA, Alison
(74) Spruson & Ferguson
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- (71)** Sonos, Inc.
(11) AU-A-2021259316
(21) 2021259316 **(22)** 20.04.2021
(54) Priority media content
(51) Int. Cl.
G06F 15/16 (2006.01)
(87) WO2021/216582
(31) 63/013,326 **(32)** 21.04.20 **(33)** US
(43) 28.10.2021
(72) TAYLOR, Ryan; DAWSON, Joseph
(74) Spruson & Ferguson
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- (71)** Sorrento Therapeutics, Inc.
(11) AU-A-2021268674
(21) 2021268674 **(22)** 05.05.2021
(54) Neutralizing antibodies that bind the SARS-CoV-2 S protein
(51) Int. Cl.
C07K 16/10 (2006.01)
A61P 31/12 (2006.01)
C07K 14/165 (2006.01)
(87) WO2021/226249
(31) 63/020,952 **(32)** 06.05.20 **(33)** US
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(74) FB Rice Pty Ltd
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- (71)** Southern Research Institute; Pinotbio, Inc.
(11) AU-A-2021260964
(21) 2021260964 **(22)** 22.04.2021
(54) Composition for treating blood cancer using 4'-thio-5-aza-2'-deoxycytidine and uses thereof
(51) Int. Cl.
A61K 31/513 (2006.01)
A61K 31/53 (2006.01)
A61K 31/7068 (2006.01)
A61P 35/00 (2006.01)
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(54) Improvements to an assisted ventilation interface
(51) Int. Cl.
A61M 16/06 (2006.01)
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(31) 764290 **(32)** 07.05.20 **(33)** NZ
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(74) CreatelIP
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- (71)** Spark Thermionics, Inc.
(11) AU-A-2021267176
(21) 2021267176 **(22)** 06.05.2021
(54) System and method for thermionic energy conversion
(51) Int. Cl.
H01J 45/00 (2006.01)
G21C 3/40 (2006.01)
G21D 7/04 (2006.01)
G21H 1/10 (2006.01)
(87) WO2021/226398
(31) 63/020,986 **(32)** 06.05.20 **(33)** US
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(74) PIPERS
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- (71)** Specialty Minerals (Michigan) Inc.
(11) AU-A-2021277386
(21) 2021277386 **(22)** 21.05.2021
(54) Modified clay sorbents with multifunctional quaternary ammonium com-
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- pounds and mono-quateranry ammonium compounds and methods of sorbing per- and polyfluoroalkyl substances (PFAS) from contaminated samples with the modified clay sorbents
(51) Int. Cl.
B01J 20/12 (2006.01)
B01J 20/22 (2006.01)
C02F 1/28 (2006.01)
(87) WO2021/237050
(31) 63/029,261 **(32)** 22.05.20 **(33)** US
(43) 25.11.2021
(72) DONOVAN, Michael
(74) Spruson & Ferguson
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- (71)** Strike Pharma AB
(11) AU-A-2021279285
(21) 2021279285 **(22)** 28.05.2021
(54) CD40 binding protein
(51) Int. Cl.
A61K 39/00 (2006.01)
C07K 16/28 (2006.01)
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(31) 2008003.2 **(32)** 28.05.20 **(33)** GB
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(74) FB Rice Pty Ltd
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- (71)** Subsea 7 do Brasil Servicos Ltda
(11) AU-A-2021267052
(21) 2021267052 **(22)** 07.05.2021
(54) Top connections of subsea risers
(51) Int. Cl.
E21B 17/08 (2006.01)
E21B 19/00 (2006.01)
(87) WO2021/223000
(31) 16/868,601 **(32)** 07.05.20 **(33)** US
(43) 11.11.2021
(72) QUEIROZ HEPNER, Gustavo; DE LEMOS JÚNIOR, Luiz Carlos; RAMIRO AMORIM, Andre
(74) Allens Patent & Trade Mark Attorneys
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- (71)** Sumitomo Metal Mining Co., Ltd.
(11) AU-A-2021251539
(21) 2021251539 **(22)** 26.03.2021
(54) Method for recovering valuable metal
(51) Int. Cl.
B09B 3/00 (2006.01)
B09B 5/00 (2006.01)
C22B 1/02 (2006.01)
C22B 5/10 (2006.01)
C22B 7/00 (2006.01)
C22B 15/00 (2006.01)
C22B 23/02 (2006.01)
H01M 10/54 (2006.01)
(87) WO2021/205903
(31) 2020-069016 **(32)** 07.04.20 **(33)** JP
(43) 14.10.2021
(72) HAGIO Tomoya; YAMASHITA Yu
(74) Davies Collison Cave Pty Ltd
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- (71)** Sumitomo SHI FW Energia Oy
(11) AU-A-2020443728
(21) 2020443728 **(22)** 22.04.2020

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- (51) Int. Cl.
F23B 30/00 (2006.01)
F23B 10/00 (2011.01)
F23C 6/02 (2006.01)
F23C 10/00 (2006.01)
F23G 5/30 (2006.01)
- (87) WO2021/213643
(43) 28.10.2021
(72) PALONEN, Juha
(74) Griffith Hack
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- (71) Sumitomo SHI FW Energia Oy
(11) AU-A-2020452705
(21) 2020452705 (22) 08.06.2020
- (54) An arrangement for and a method of supporting a side wall of a vertical flue gas pass in a thermal power steam generator
- (51) Int. Cl.
F22B 37/20 (2006.01)
- (87) WO2021/249615
(43) 16.12.2021
(72) POLLARI, Jussi
(74) Griffith Hack
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- (71) Suntory Holdings Limited
(11) AU-A-2021249604
(21) 2021249604 (22) 24.03.2021
- (54) Heat-sterilized packaged beverage containing medium-chain fatty acid triglyceride and ascorbic acid
- (51) Int. Cl.
A23L 2/52 (2006.01)
A23L 2/00 (2006.01)
A23L 33/12 (2016.01)
- (87) WO2021/200457
(31) 2020-066429 (32) 02.04.20 (33) JP
(43) 07.10.2021
(72) NONAKA, Shota; SOGUCHI, Akira
(74) Davies Collison Cave Pty Ltd
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- (71) Suntory Holdings Limited
(11) AU-A-2021252263
(21) 2021252263 (22) 22.02.2021
- (54) Tea-fragrance-imparting liquid composition having green laver scent
- (51) Int. Cl.
A23F 3/16 (2006.01)
A23L 2/00 (2006.01)
A23L 2/56 (2006.01)
A23L 27/20 (2016.01)
- (87) WO2021/205764
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A61K 8/44 (2006.01)
A61K 8/36 (2006.01)
A61K 8/42 (2006.01)
A61K 8/60 (2006.01)
A61Q 19/10 (2006.01)
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(21) 2021342988 (22) 23.03.2021
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C01B 33/40 (2006.01)
A61K 8/26 (2006.01)
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B60R 16/04 (2006.01)
B60L 50/50 (2019.01)
B60L 58/26 (2019.01)
H01M 10/44 (2006.01)
H01M 10/60 (2014.01)
H01M 10/625 (2014.01)
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A61K 31/7088 (2006.01)
A61K 39/395 (2006.01)
A61K 48/00 (2006.01)
A61P 21/00 (2006.01)
A61P 35/00 (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)
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H04W 48/12 (2009.01)
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 (51) Int. Cl.
C12N 7/00 (2006.01)
C07K 11/00 (2006.01)
C12N 7/01 (2006.01)
C12N 15/86 (2006.01)
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C07D 487/16 (2006.01)
B01J 39/07 (2017.01)
C12P 17/18 (2006.01)
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A61M 1/36 (2006.01)
A61M 25/06 (2006.01)
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A23L 2/02 (2006.01)
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B26B 21/16 (2006.01)
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G06K 9/62 (2006.01)
G06T 7/187 (2017.01)
G06V 10/40 (2022.01)
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A61F 13/08 (2006.01)
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A61K 38/55 (2006.01)
A61P 1/00 (2006.01)
A61P 17/02 (2006.01)
A61P 31/04 (2006.01)
A61P 31/12 (2006.01)
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C07D 417/12 (2006.01)
A61K 31/415 (2006.01)
A61K 31/427 (2006.01)
A61P 11/00 (2006.01)
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C07D 401/12 (2006.01)
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A61K 31/352 (2006.01)
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C07D 311/32 (2006.01)
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A61K 48/00 (2006.01)
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C12N 15/86 (2006.01)
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C12Q 1/6881 (2018.01)
G16B 20/00 (2019.01)
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- (54) Nitric oxide or nitric oxide releasing compositions for use in treating SARS-CoV and SARS-CoV-2
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A61K 31/047 (2006.01)
A61K 31/194 (2006.01)
A61K 31/375 (2006.01)
A61K 31/7016 (2006.01)
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A61K 31/194 (2006.01)
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C12N 5/077 (2010.01)
A61K 35/32 (2015.01)
A61L 27/36 (2006.01)
A61L 27/38 (2006.01)
A61L 27/40 (2006.01)
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A61P 19/08 (2006.01)
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H01L 39/24 (2006.01)
H01F 6/06 (2006.01)
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H02K 1/14 (2006.01)
H02K 1/24 (2006.01)
H02K 19/10 (2006.01)
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H01L 31/0747 (2012.01)
H01L 31/0216 (2014.01)
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C07F 9/6571 (2006.01)
A61P 9/02 (2006.01)
A61P 25/16 (2006.01)
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A61P 29/00 (2006.01)
C07F 9/165 (2006.01)
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H02M 7/48 (2007.01)
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(51) Int. Cl.
H02M 7/48 (2007.01)
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(51) Int. Cl.
E01F 15/14 (2006.01)
E01F 13/02 (2006.01)
E01F 15/00 (2006.01)
E01F 15/04 (2006.01)
E01F 15/06 (2006.01)
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(54) Air-conditioning system
(51) Int. Cl.
B60H 1/00 (2006.01)
(87) WO2021/228424
(31) 10 2020 002 860.8 **(32)** 13.05.20 **(33)** DE
(43) 18.11.2021
(72) PRESLER, Eugen
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(11) AU-A-2021273312
(21) 2021273312 **(22)** 07.04.2021
(54) Air-conditioning system
(51) Int. Cl.
B60H 1/00 (2006.01)
B60H 1/32 (2006.01)
(87) WO2021/228427
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(43) 18.11.2021
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(54) Test and drain valve with integrated relief valve
(51) Int. Cl.
A62C 35/68 (2006.01)
A62C 37/38 (2006.01)
A62C 37/46 (2006.01)
A62C 37/50 (2006.01)
F16K 24/04 (2006.01)
F16K 31/122 (2006.01)
F16K 31/60 (2006.01)
G01M 3/28 (2006.01)
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(74) Spruson & Ferguson
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- (71)** Unilever Global IP Limited
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(21) 2021280970 **(22)** 10.05.2021
(54) A liquid laundry composition
(51) Int. Cl.
C11D 3/00 (2006.01)
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- C11D 1/02** (2006.01)
C11D 3/34 (2006.01)
C11D 3/37 (2006.01)
C11D 11/00 (2006.01)
C11D 17/00 (2006.01)
C11D 17/04 (2006.01)
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(74) Davies Collison Cave Pty Ltd
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- (71)** Unistraw Corp.
(11) AU-A-2021279288
(21) 2021279288 **(22)** 28.05.2021
(54) Drinking straw with internal coating
(51) Int. Cl.
A23P 10/10 (2016.01)
A47G 21/18 (2006.01)
A61J 7/00 (2006.01)
(87) WO2021/239983
(31) 16/887,525 **(32)** 29.05.20 **(33)** US
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(72) PALAZZI, Kendall Norman
(74) FPA Patent Attorneys Pty Ltd
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- (71)** Universitätsspital Basel
(11) AU-A-2021267101
(21) 2021267101 **(22)** 22.04.2021
(54) MDMA treatment to enhance acute emotional effects profile of lsd, psilocybin or other psychedelics
(51) Int. Cl.
A61K 31/36 (2006.01)
A61K 31/48 (2006.01)
A61P 25/00 (2006.01)
(87) WO2021/225796
(31) 63/020,261 **(32)** 05.05.20 **(33)** US
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(72) LIECHTI, Matthias Emanuel
(74) FPA Patent Attorneys Pty Ltd
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- (71)** University of Delaware
(11) AU-A-2021268187
(21) 2021268187 **(22)** 04.05.2021
(54) An anion exchange membrane electrolyzer having a platinum-group-metal free self-supported oxygen evolution electrode
(51) Int. Cl.
B01J 23/76 (2006.01)
C25B 11/091 (2021.01)
(87) WO2021/226119
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(74) Spruson & Ferguson
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- (71)** University of Delaware
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 (51) Int. Cl.
B01D 53/32 (2006.01)
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- (71) University of Manitoba
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 (54) Systems and methods for screening obstructive sleep apnea during wakefulness using anthropometric information and tracheal breathing sounds
 (51) Int. Cl.
A61B 5/00 (2006.01)
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 (74) Wynnes Patent and Trade Mark Attorneys Pty Ltd
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- (71) UT Comp Inc.
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 (54) System and method for classifying sensor readings
 (51) Int. Cl.
G01D 1/00 (2006.01)
G01N 37/00 (2006.01)
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 (72) CLARKSON, Geoffrey
 (74) Walker IP
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 (54) Vascular flow and pressure modulator
 (51) Int. Cl.
A61B 17/12 (2006.01)
A61B 5/021 (2006.01)
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 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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 (11) AU-A-2022261790
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 (54) A portable ultrasound device and method for ultrasonic imaging
 (51) Int. Cl.
A61B 8/08 (2006.01)
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 (54) Modified salmon which produce sterile offspring
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A01K 67/027 (2006.01)
C07K 14/46 (2006.01)
C12N 5/0735 (2010.01)
C12N 15/11 (2006.01)
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 (54) New delayed release composition for peroral administration
 (51) Int. Cl.
A61K 9/48 (2006.01)
A61K 31/4178 (2006.01)
A61P 11/00 (2006.01)
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 (31) 2006074.5 (32) 24.04.20 (33) GB
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 (72) CAMBER, Ola; JOHANSSON, Christina
 (74) Madderns Pty Ltd
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 (11) AU-A-2021249481
 (21) 2021249481 (22) 01.04.2021
 (54) Novel immunomodulator
 (51) Int. Cl.
A61P 31/18 (2006.01)
A61K 38/00 (2006.01)
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 (72) GOMPELS, Ursula Gompels
 (74) WRAYS PTY LTD
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 (11) AU-A-2021262264
 (21) 2021262264 (22) 23.04.2021
 (54) DAI counting method, DAI counting control method, terminal and network device
 (51) Int. Cl.
H04L 1/18 (2006.01)
H04W 72/04 (2009.01)
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 (72) WU, Kai
 (74) Adams Pluck
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 (54) Heteroaryl derivative compounds, and uses thereof
 (51) Int. Cl.
C07D 413/04 (2006.01)
A61K 31/495 (2006.01)
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 (74) FPA Patent Attorneys Pty Ltd
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 (11) AU-A-2021266807
 (21) 2021266807 (22) 06.05.2021
 (54) Aero-acoustic materials processing apparatus and method
 (51) Int. Cl.
B02C 19/06 (2006.01)
F04D 29/30 (2006.01)
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 (74) Zone Patents Limited
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 (54) Tau binding compounds
 (51) Int. Cl.
A61P 25/28 (2006.01)
C07K 16/18 (2006.01)
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 (74) Griffith Hack
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- (71) W.C. Bradley Co.
 (11) AU-A-2021263567
 (21) 2021263567 (22) 26.04.2021
 (54) Hopper cleanout and pellet handling mechanism
 (51) Int. Cl.
A47J 37/07 (2006.01)
A21C 15/00 (2006.01)
A23P 20/12 (2016.01)
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A47J 37/06 (2006.01)
F24B 3/00 (2006.01)
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 (74) Minter Ellison
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- (71) Ward, J.; Reiter, G.
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 (21) 2021249314 (22) 31.03.2021
 (54) A method, apparatus and system for collecting atmospheric water
 (51) Int. Cl.
B01D 53/26 (2006.01)
F24F 3/14 (2006.01)
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 (11) AU-A-2021280263
 (21) 2021280263 (22) 26.05.2021
 (54) Associating identification information with visually captured information
 (51) Int. Cl.
G08B 13/194 (2006.01)
G06N 3/02 (2006.01)
G06N 20/00 (2019.01)
G06T 7/00 (2017.01)
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 (74) Davies Collison Cave Pty Ltd
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- (71) Weir Slurry Group, Inc.
 (11) AU-A-2021279210
 (21) 2021279210 (22) 28.05.2021
 (54) Drive side liner for a centrifugal pump
 (51) Int. Cl.
F04D 29/42 (2006.01)
B25B 1/24 (2006.01)
F04D 7/04 (2006.01)
F04D 29/62 (2006.01)
F16B 2/10 (2006.01)
F16B 2/12 (2006.01)
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 (72) KOSMICKI, Randy James
 (74) WEIR MINERALS AUSTRALIA LTD
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 (11) AU-A-2021258211
 (21) 2021258211 (22) 22.04.2021
 (54) Nuclear fuel cladding for fast reactors, assemblies thereof, and methods of manufacture thereof
 (51) Int. Cl.
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- (71) WestRock Shared Services, LLC
 (11) AU-A-2021258134
 (21) 2021258134 (22) 20.04.2021
 (54) Triangular packages having autobot-toms and blanks therefor
 (51) Int. Cl.
B65D 5/02 (2006.01)
B65D 5/36 (2006.01)
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 (72) PADILLA, Jesus A.
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 (21) 2021263433 (22) 30.04.2021
 (54) Quantitative blocker displacement amplification (QBDA) sequencing for calibration-free and multiplexed variant allele frequency quantitation
 (51) Int. Cl.
C07H 21/04 (2006.01)
C12Q 1/68 (2018.01)
C12Q 1/6858 (2018.01)
C40B 30/04 (2006.01)
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- (71) WillowPure, LLC
 (11) AU-A-2021263906
 (21) 2021263906 (22) 29.04.2021
 (54) System and method for treating harvested plant material with ozone
 (51) Int. Cl.
A01G 7/00 (2006.01)
A01G 13/00 (2006.01)
A24B 15/18 (2006.01)
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- (71) Xuzhou College of Industrial Technology; Jiangsu Topower Tyre Co., Ltd.
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 (21) 2022260910 (22) 15.03.2022
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- (54) Method for fabricating bulletproof and explosion-proof tubeless tire
 (51) Int. Cl.
B60C 9/02 (2006.01)
B29D 30/06 (2006.01)
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 (74) Ran Tao
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- (71) Zeisberg, E.; Zeisberg, M.; Hasenfuss, G.
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 (21) 2021253344 (22) 11.03.2021
 (54) All-in-one AAV vectors for treating coronavirus-induced diseases
 (51) Int. Cl.
C12N 15/113 (2010.01)
A61K 31/7105 (2006.01)
C12N 9/22 (2006.01)
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 (31) 63/006,996 (32) 08.04.20 (33) US
 (43) 14.10.2021
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 (74) Jones Tulloch
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 (21) 2020442183 (22) 25.12.2020
 (54) Circuit breaker
 (51) Int. Cl.
H01H 71/04 (2006.01)
H01H 71/10 (2006.01)
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 (31) 202010284872.0 (32) 13.04.20 (33) CN
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 (72) LU, Kejun; YANG, An
 (74) IP SOLVED (ANZ) PTY. LTD.
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 (21) 2020442184 (22) 26.12.2020
 (54) Circuit breaker
 (51) Int. Cl.
H01H 71/04 (2006.01)
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 (74) IP SOLVED (ANZ) PTY. LTD.
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- (71) Zhejiang CHINT Electrics Co., Ltd.
 (11) AU-A-2020442884
 (21) 2020442884 (22) 26.12.2020
 (54) Plug-in circuit breaker
 (51) Int. Cl.
H01H 71/10 (2006.01)
H01H 9/22 (2006.01)
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(11) AU-A-2021243469
(21) 2021243469 (22) 22.03.2021
(54) A process for the production of vodka
(51) Int. Cl.
C12G 3/04 (2019.01)
C12H 1/07 (2006.01)
(87) WO2021/191127
(31) 20165669.1 (32) 25.03.20 (33) EP
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(72) SCHEFLER, Yuri
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(11) AU-A-2021271805
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(54) Use of TLR4 modulator in the treatment of coccidiosis
(51) Int. Cl.
A61K 39/00 (2006.01)
A61K 39/39 (2006.01)
C07H 15/18 (2006.01)
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(11) AU-A-2020445944
(21) 2020445944 (22) 30.04.2020
(54) Multicolor wood-plastic profile, manufacturing method therefor and wood-plastic board
(51) Int. Cl.
C08L 23/00 (2006.01)
C08J 3/22 (2006.01)
C08K 5/00 (2006.01)
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(72) LIANG, Lei
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2020403750	AO Technology AG	2021246105	CommScope Technologies LLC
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2020439412	Kimberly-Clark Worldwide, Inc.	2021246213	Barberá Mayor, J.C.
2020439463	Decision Tree, LLC	2021246424	BlackBox Biometrics, Inc.
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2021241554	SecurKart LLC	2021250200	Chia Tai Tianqing Pharmaceutical Group Co., Ltd.
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2021245668	Nipro Corporation	2021255243	Luoyang Landglass Technology Co., Ltd
2021245713	Otsuka Pharmaceutical Co., Ltd.	2021255499	Calagen, Inc.
2021245848	The Johns Hopkins University	2021256154	Huawei Technologies Co., Ltd.
		2021256984	Scaled Microbiomics, LLC
		2021257168	JFE Steel Corporation
		2021257751	Corning Research & Development Corporation; US Conec Ltd.
		2021257848	Voyager Therapeutics, Inc.
		2021257861	oneNav, Inc.

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2021258134	WestRock Shared Services, LLC	2021264073	BASF Corporation
2021258138	The Coca-Cola Company	2021264077	Emergex USA Corporation
2021258191	Gritstone Bio, Inc.	2021264368	Konkuk University Industrial Cooperation Corp
2021258195	ELC Management LLC	2021264375	TheHelpSoq Holding B.V.
2021258211	Westinghouse Electric Company LLC	2021264401	Knappco, LLC
2021258273	Lifedit Therapeutics, Inc .	2021264451	Cepheid
2021258542	Vicore Pharma AB	2021264453	Capital One Services, LLC
2021258816	The Heil Co.	2021264478	LanzaTech, Inc.
2021258853	Park, H.	2021264510	Cepheid
2021259052	JJP Biologics Sp. z o.o.	2021264521	Long Bridge Medical, Inc.
2021259316	Sonos, Inc.	2021264718	POJI Co., Ltd.
2021259360	Thirty Respiratory Limited	2021264726	Tokai University Educational System; Nippon Zoki Pharmaceutical Co., Ltd.
2021259460	Regeneron Pharmaceuticals, Inc.	2021264869	Onegene Biotechnology Inc.
2021259514	ResMed Asia Pte. Ltd.; ResMed Pty Ltd; ResMed Sensor Technologies Limited; ResMed (Malaysia) Sdn. Bhd.	2021264873	H2 Norway AS
2021259764	ELC Management LLC	2021264926	Caterpillar Inc.
2021260136	Thirty Respiratory Limited	2021264935	Caterpillar Inc.
2021260363	Mitsubishi Chemical Corporation	2021265006	DICK, William
2021260579	Cargill, Incorporated	2021265253	C2CNT LLC
2021260682	Shanghai Universal Biotech Co. Ltd	2021265285	Blue Sky Innovation, LLC
2021260728	A.M.I. Agency for Medical Innovations GmbH	2021265721	Caterpillar Inc.
2021260760	Telefonaktiebolaget LM Ericsson (Publ)	2021265723	President and Fellows of Harvard College
2021260768	Innova Patent GmbH	2021265755	Becton, Dickinson and Company
2021260852	King's College London	2021265767	Neozyme International, Inc.
2021260932	Gritstone Bio, Inc.	2021265847	R.P. Scherer Technologies, LLC
2021260947	Perosphere Technologies Inc.	2021265872	Carbon Holdings Intellectual Properties, LLC
2021260964	Southern Research Institute; Pinotbio, Inc.	2021266060	Inventio AG
2021261028	Sage Products LLC	2021266141	Perha Pharmaceuticals
2021261420	Marengo Therapeutics, Inc.	2021266574	FLSmith A/S
2021261429	Memorial Sloan-Kettering Cancer Center; Millennium Pharmaceuticals, Inc.; Sloan-Kettering Institute for Cancer Research; Memorial Hospital for Cancer and Allied Diseases	2021266593	Tokamak Energy Ltd
2021261453	A.M.I. Agency for Medical Innovations GmbH	2021266595	Disruptive Pharma AB
2021261622	Airbus Defence and Space SAS	2021266614	Labonovum B.V.
2021261683	Formus Labs Limited	2021266673	Amgen Inc.
2021261991	IHI Corporation	2021266733	Techtronic Floor Care Technology Limited
2021262135	Kaelus Pty Ltd	2021266805	Amgen Inc.; Vigil Neuroscience, Inc.
2021262228	The University of Sydney	2021266807	Vortex Industrial Solutions Ltd
2021262264	Vivo Mobile Communication Co., Ltd.	2021266893	Medizinische Universität Wien; Technische Universität Wien
2021262448	Institut Pasteur	2021266976	LINET Spol. s r.o.
2021262454	Metalogenia Research & Technologies S.L.	2021267010	EOSgen-technologies
2021262748	Memorial Sloan-Kettering Cancer Center; OSE Immunotherapeutics	2021267020	Accelerated BioSciences Corp.
2021262756	Capital One Services, LLC	2021267023	Dragonfly Therapeutics, Inc.
2021262819	Fulcrum Bioenergy, Inc.	2021267052	Subsea 7 do Brasil Servicos Ltda
2021262946	Shenzhen Shokz Co., Ltd.	2021267101	Universitätsspital Basel
2021263042	Rob Surgical Systems, SL	2021267148	AiCuris GmbH & Co. KG
2021263126	Future Health Works Ltd.	2021267176	Spark Thermionics, Inc.
2021263329	Becton, Dickinson and Company	2021267362	Celyad Oncology S.A.
2021263345	UT Comp Inc.	2021267409	BSolve Limited
2021263387	Hughes Tool Company LLC	2021267477	Cornell University; University of Melbourne
2021263432	Arizona Board of Regents on Behalf of Arizona State University	2021267514	Rheinmetall Soldier Electronics GmbH
2021263433	William Marsh Rice University	2021267538	Siemens Energy Global GmbH & Co. KG
2021263552	Becton, Dickinson and Company	2021267558	De Barros, E.
2021263567	W.C. Bradley Co.	2021267681	Bioprojet Pharma
2021263579	Research Institute at Nationwide Children's Hospital	2021267705	Intravacc B.V.
2021263749	Bowman, P.	2021267740	Nexter Systems
2021263754	Magenta Therapeutics, Inc.; University of Washington	2021267856	The University of North Carolina at Chapel Hill
2021263765	Juno Therapeutics, Inc.	2021267881	Sheltered Wings, Inc.
2021263809	The Children's Hospital of Philadelphia	2021267896	NantG Mobile, LLC
2021263904	Integrity Bio-Chemicals, LLC	2021267994	Kinsa Inc.
2021263906	WillowPure, LLC	2021268031	PepsiCo, Inc.
2021263957	Carl Zeiss Vision International GmbH	2021268040	Pact Group Industries (ANZ) Pty Ltd
2021263967	Creo Medical Limited	2021268103	LTS Lohmann Therapie-Systeme AG
2021264005	Ohio State Innovation Foundation	2021268164	The Scripps Research Institute
2021264006	Arch Oncology, Inc.	2021268184	ConocoPhillips Company
2021264008	Constellation Pharmaceuticals, Inc.	2021268187	University of Delaware
2021264061	The Broad Institute, Inc.; President and Fellows of Harvard College; Massachusetts Institute of Technology	2021268335	Accelerated BioSciences Corp.
		2021268349	Evoqua Water Technologies LLC
		2021268531	Infinium Technologies, LLC
		2021268532	Infinium Technologies, LLC
		2021268579	Merck Sharp & Dohme Corp.
		2021268584	Merck Sharp & Dohme LLC
		2021268661	Church & Dwight Co., Inc.

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2021268674	Sorrento Therapeutics, Inc.	2021279288	Unistraw Corp.
2021268868	SouthMED Limited	2021279439	Airbus Defence and Space SAS
2021268874	Infinium Technologies, LLC	2021280263	Wayne Fueling Systems LLC
2021268895	VahatiCor LLC	2021280271	Graphic Packaging International, LLC
2021268946	Duke University	2021280332	FUJIFILM Cellular Dynamics, Inc.; The United States of America, as represented by The Secretary, Department of Health and Human Services
2021268952	Illumina, Inc.	2021280812	TOLEDO TORRES, Luis Roberto
2021269040	Lamb Weston, Inc.	2021280970	Unilever Global IP Limited
2021269088	Ecential Robotics	2021281028	Airbus Defence and Space SAS
2021269090	4Living Biotech; Universite de Bordeaux; Centre Hospitalier de Bordeaux; Institut National de la Sante et de la Recherche Medicale - Inserm; Institut Pasteur de Lille; Centre National de la Recherche Scientifique; Universit� de Lille	2021281344	QTG Development, Inc.
2021269125	Tonix Pharmaceuticals, Inc.	2021281622	Societe Des Produits Nestle SA
2021269642	Dentler, C.; Windhab, N.	2021281774	Nippon Steel Corporation
2021269790	Heineken Supply Chain B.V.	2021282039	The National Institutes of Pharmaceutical R&D Co., Ltd.
2021270309	American Sterilizer Company	2021282257	Shape Therapeutics Inc.
2021270323	Truma Geratetechnik GmbH & Co. KG	2021282325	M�lnlycke Health Care AB
2021271010	Novozymes A/S	2021282629	Teijin Pharma Limited
2021271315	Lunella Biotech, Inc.	2021283083	ALX Oncology Inc.
2021271332	SWM Luxembourg	2021283195	Bayer HealthCare LLC
2021271805	ZIVO Bioscience, Inc.	2021283300	Abbott Diabetes Care Inc.
2021271815	Blackmore Sensors & Analytics, LLC	2021283607	Huawei Technologies Co.,Ltd.
2021272692	Castens, S.	2021283620	SEW Eurodrive GmbH & Co KG
2021272894	Fresenius Medical Care Holdings, Inc.; Fresenius Medical Care Deutschland GmbH	2021283806	Frito-Lay North America, Inc.
2021272910	Glaukos Corporation	2021283928	Crown Equipment Corporation
2021272911	Regeneron Pharmaceuticals, Inc.	2021283944	Capstan Ag Systems, Inc.
2021273111	Renson Sunprotection-Screens NV	2021284433	Otsuka Pharmaceutical Factory, Inc.
2021273312	Truma Geratetechnik GmbH & Co. KG	2021284970	Shell Internationale Research Maatschappij B.V.
2021273324	Forsite Diagnostics Limited	2021284990	Shell Internationale Research Maatschappij B.V.
2021273369	Arbutus Biopharma Corporation	2021285084	GGF Global Genomics Pty Limited
2021273458	Arvinas Operations, Inc.	2021285408	ConvaTec Limited
2021273493	Cynosure, LLC	2021285409	ConvaTec Limited
2021273832	Baxter International Inc.; Baxter Healthcare SA	2021285760	Amgen Inc.
2021274017	F. Hoffmann-La Roche AG	2021286177	Ascendis Pharma Oncology Division A/S
2021274120	Oxford University Innovation Limited	2021286196	Merz Pharma GmbH & Co. KGaA
2021274883	Institut Curie; Centre National de la Recherche Scientifique - CNRS -	2021288489	Soci�t� des Produits Nestl� S.A.
2021275117	Momenta Pharmaceuticals, Inc.	2021289619	Inkbox Ink Inc.
2021275118	Aligos Therapeutics, Inc.	2021290042	Co�peratie Koninklijke Avebe U.A.
2021275268	IHI Corporation	2021290457	University of Manitoba
2021275455	Apiqe Holdings, LLC	2021290601	Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.
2021275485	SAKO Oy	2021290872	Marel Meat B.V.
2021275489	Institut Curie; Centre National de la Recherche Scientifique - CNRS -; The University of Zurich; Honing Biosciences	2021291128	GW Research Limited
2021275738	Avent, Inc.	2021292059	TraFFix Devices, Inc.; NUtech Ventures
2021275886	University of Delaware	2021292464	The Gillette Company LLC
2021276232	American Sterilizer Company	2021293025	The Gillette Company LLC
2021276290	Fang, G.	2021293277	Aurora Operations, Inc.
2021276327	City of Hope; The Regents of The University of California	2021295413	F. Hoffmann-La Roche AG
2021276419	DSM IP Assets B.V.	2021295564	Casale SA
2021276556	SAKO Oy	2021297581	Continuous Composites Inc.
2021276581	SAKO Oy	2021297767	Jiangsu Yahong Meditech Co., Ltd.; Asieris Pharmaceuticals (Shanghai) Co., Ltd.
2021276914	Lyrus Life Sciences Pvt Ltd; Nokha Trading LLP	2021299239	Aurora Operations, Inc.
2021277203	Bioasis Technologies, Inc.	2021300809	Aurora Operations, Inc.
2021277386	Specialty Minerals (Michigan) Inc.	2021302922	Aurora Operations, Inc.
2021277491	Intervet International B.V.	2021303190	Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.
2021278197	Magotteaux International S.A.	2021303191	Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.
2021278260	thyssenkrupp Industrial Solutions AG; ThyssenKrupp AG	2021308377	Metalogenia Research & Technologies S.L.
2021278296	Papeterie Zuber Rieder; Centre National de la Recherche Scientifique; Universite de Bordeaux; Institut Polytechnique de Bordeaux	2021309101	Loci Controls, Inc.
2021278562	Chugai Seiyaku Kabushiki Kaisha	2021309188	Tyco Fire Products LP
2021278986	Igloo Products Corp.	2021311097	BELKIN Vision Ltd.
2021279132	M�lnlycke Health Care AB	2021313211	Illumina, Inc.
2021279144	Soci�t� des Produits Nestl� S.A.	2021313212	Illumina, Inc.
2021279210	Weir Slurry Group, Inc.	2021315853	OnPoint Vision, Inc.
2021279285	Strike Pharma AB	2021317788	Henke-Sass, Wolf GmbH
		2021321845	Park, J.W.
		2021334603	CRRC Yangtze Co., Ltd.
		2021338433	Boston Scientific Scimed, Inc.
		2021339060	SAMS Global Solutions Ltd.; Sarkar, S.
		2021342988	SYoung Cosmetics Manufacturing Co., Ltd.
		2021346932	Johnson & Johnson Vision Care, Inc.

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2021359802	Dipperfox OÜ
2021365462	NUC Electronics Co., Ltd.
2021372248	Becton, Dickinson and Company; Becton Dickinson France
2021376721	Tencent Technology (Shenzhen) Company Limited
2021391210	CRRC Yangtze Co., Ltd.
2021414579	Shandong Chambroad Holding Group Co., Ltd.; Shan- dong Chambroad Equipment Manufacture Installation Co., Ltd.
2021426902	Tongwei Solar (Chengdu) Co., Ltd.; Tongwei Solar (Meishan) Co., Ltd.; Tongwei Solar (Jintang) Co., Ltd.; Tongwei Solar (Hefei) Co., Ltd.; Tongwei Solar (Anhui) Co., Ltd.
2021433131	Shandong Chambroad Holding Group Co., Ltd.; Shan- dong Chambroad Equipment Manufacture Installation Co., Ltd.
2021433525	Shandong Chambroad Holding Group Co., Ltd.; Shan- dong Chambroad Equipment Manufacture Installation Co., Ltd.
2021435255	S. Ratnam, S.S.R.
2021436071	Toshiba Mitsubishi-Electric Industrial Systems Corpora- tion
2021436898	Toshiba Mitsubishi-Electric Industrial Systems Corpora- tion
2022204735	Caffitaly System S.p.A.
2022259762	J&C Medical Pty Ltd
2022260910	Xuzhou College of Industrial Technology; Jiangsu To- power Tyre Co., Ltd.
2022261790	Veintech Pty Ltd
2022271388	VoronoiBio Inc.; Voronoi Inc.

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2021263906	2021279144	2021263567	2021263567	2022261790	2021253587
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2021359802	2021260363	2021241727	2021365462	2021263042	2021258542
	2021290042	2021248783		2021269088	2021259360
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	2021288489		2021266733		2021260932
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2020445067	2021288489	2021241727	2021266733	2021264375	2021263765
2021263906		2021265847		2022259762	2021264008
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2020445067	2021281622	2021271332	2020446154	2021264375	2021265285
			2021251178		2021266141
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2020445067	2021281622	2021270309	2020446154	2021242217	2021266805
<u>A01H 4 /-</u>	<u>A23K 40 /-</u>	<u>A41D 19 /-</u>	<u>A61B 1 /-</u>	2021264375	2021267101
2020445067	2021281622	2021247925	2021338433	2022259762	2021267681
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2021245363	2021281622	2021250741	2021261683		2021268164
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2021245085	2021249604	<u>A45D 33 /-</u>	2021263809	2021250463	2021268946
	2021252263	2021258195	2021268895	2021261028	2021269090
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2021245085	2021260579	<u>A47C 1 /-</u>	<u>A61B 18 /-</u>	2021285409	2021273369
	2021275455	2021264873	2021263042		2021273458
<u>A01N 65 /-</u>	2021288489	<u>A47C 27 /-</u>	2021273493	<u>A61F 9 /-</u>	2021276914
2021245085				2021250741	2021277491
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	2021288489	2021264718			2021291128
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	2021260579	2021264873	2021263042		2022271388
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2020450434	2021288489	2021279288	<u>A61B 5 /-</u>	2021250463	<u>A61K 33 /-</u>
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	<u>A23L 33 /-</u>	2021264718	2021268895	2021246544	2021260136
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	2021249604	<u>A47J 31 /-</u>	2021290457		2021261429
<u>A22C 17 /-</u>	2021288489	2021264718	2022261790	<u>A61J 3 /-</u>	2021263579
2021290872	2021290042			2021265847	2021263765
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				2021245713	2021248766
				2021246141	2021249481
				2021247142	2021252906
				2021248212	2021253673
				2021248653	2021263754
				2021249530	2021264869
				2021250462	2021265285
					2021268335
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<u>A61K 47 /-</u>	2021284433	2021253587	2021277491	2021265767	<u>B01D 29 /-</u> <u>B01D 35 /-</u> <u>B01D 36 /-</u> <u>B01D 46 /-</u> <u>B01D 49 /-</u> <u>B01D 53 /-</u>
2020403750 2021245040 2021245330 2021248766 2021264869 2021265285 2021267477 2021275489 2021278562 2021284433	<u>A61M 1 /-</u> <u>A61M 11 /-</u> <u>A61M 16 /-</u>	2021244266 2021245848 2021266595 2021268335 <u>A61P 19 /-</u> <u>A61P 21 /-</u> <u>A61P 25 /-</u>	2021245040 2021246141 2021246890 2021250200 2021250615 2021253587 2021253617 2021260852 2021260964 2021261420 2021263579 2021263765 2021264006 2021264008 2021266595 2021268579 2021271315 2021273458 2021275118 2021275489 2021276327 2021282629 2021283083 2021286177 2021295413 2021297767	2021265767 <u>A63F 13 /-</u> 2021376721 <u>B01D 29 /-</u> 2020450052 2021264926 <u>B01D 35 /-</u> 2020450052 2021264926 <u>B01D 36 /-</u> 2021264926 <u>B01D 46 /-</u> 2020439301 <u>B01D 49 /-</u> 2020439301 <u>B01D 53 /-</u> 2020446569 2021249314 2021264073 2021268532 2021275886	<u>B01D 29 /-</u> <u>B21C 23 /-</u> <u>B21C 35 /-</u> <u>B21D 53 /-</u> <u>B22D 19 /-</u> <u>B22F 3 /-</u> <u>B22F 5 /-</u> <u>B22F 7 /-</u> <u>B23P 13 /-</u>
<u>A61K 48 /-</u>	2021246544	2021282629	2021245713 2021248212 2021248783 2021253587 2021257848 2021265285 2021266141 2021267101 2021267681 2021269125 2021277203 2021282039 2021291128	2021264926 <u>B01D 46 /-</u> 2020439301 <u>B01D 49 /-</u> 2020439301 <u>B01D 53 /-</u> 2020446569 2021249314 2021264073 2021268532 2021275886	<u>B22F 3 /-</u> <u>B22F 5 /-</u> <u>B22F 7 /-</u> <u>B23P 13 /-</u>
2021263754 2021267148 2021267856 2021282257 2021282629	<u>A61M 16 /-</u> <u>A61M 25 /-</u>	2021245713 2021248212 2021248783 2021253587 2021257848 2021265285 2021266141 2021267101 2021267681 2021269125 2021277203 2021282039 2021291128	2021245713 2021248212 2021248783 2021253587 2021257848 2021265285 2021266141 2021267101 2021267681 2021269125 2021277203 2021282039 2021291128	2021264926 <u>B01D 46 /-</u> 2020439301 <u>B01D 49 /-</u> 2020439301 <u>B01D 53 /-</u> 2020446569 2021249314 2021264073 2021268532 2021275886	<u>B22F 3 /-</u> <u>B22F 5 /-</u> <u>B22F 7 /-</u> <u>B23P 13 /-</u>
<u>A61K 49 /-</u>	2021245668 2021263809	2021266141 2021267101 2021267681 2021269125 2021277203 2021282039 2021291128	2021264006 2021264008 2021266595 2021268579 2021271315 2021273458 2021275118 2021275489 2021276327 2021282629 2021283083 2021286177 2021295413 2021297767	2021264926 <u>B01D 46 /-</u> 2020439301 <u>B01D 49 /-</u> 2020439301 <u>B01D 53 /-</u> 2020446569 2021249314 2021264073 2021268532 2021275886	<u>B22F 3 /-</u> <u>B22F 5 /-</u> <u>B22F 7 /-</u> <u>B23P 13 /-</u>
2021250319 2021267477	<u>A61M 25 /-</u> <u>A61M 29 /-</u>	2021266141 2021267101 2021267681 2021269125 2021277203 2021282039 2021291128	2021264006 2021264008 2021266595 2021268579 2021271315 2021273458 2021275118 2021275489 2021276327 2021282629 2021283083 2021286177 2021295413 2021297767	2021264926 <u>B01D 46 /-</u> 2020439301 <u>B01D 49 /-</u> 2020439301 <u>B01D 53 /-</u> 2020446569 2021249314 2021264073 2021268532 2021275886	<u>B22F 3 /-</u> <u>B22F 5 /-</u> <u>B22F 7 /-</u> <u>B23P 13 /-</u>
<u>A61K 51 /-</u>	2021263809	2021267681 2021269125 2021277203 2021282039 2021291128	2021264006 2021264008 2021266595 2021268579 2021271315 2021273458 2021275118 2021275489 2021276327 2021282629 2021283083 2021286177 2021295413 2021297767	2021264926 <u>B01D 46 /-</u> 2020439301 <u>B01D 49 /-</u> 2020439301 <u>B01D 53 /-</u> 2020446569 2021249314 2021264073 2021268532 2021275886	<u>B22F 3 /-</u> <u>B22F 5 /-</u> <u>B22F 7 /-</u> <u>B23P 13 /-</u>
2021250319 2021267477	<u>A61M 29 /-</u> <u>A61M 5 /-</u>	2021267681 2021269125 2021277203 2021282039 2021291128	2021264006 2021264008 2021266595 2021268579 2021271315 2021273458 2021275118 2021275489 2021276327 2021282629 2021283083 2021286177 2021295413 2021297767	2021264926 <u>B01D 46 /-</u> 2020439301 <u>B01D 49 /-</u> 2020439301 <u>B01D 53 /-</u> 2020446569 2021249314 2021264073 2021268532 2021275886	<u>B22F 3 /-</u> <u>B22F 5 /-</u> <u>B22F 7 /-</u> <u>B23P 13 /-</u>
<u>A61K 8 /-</u>	2021250033 2021263329 2021263552 2021265755 2021268584 2021272910 2021273832 2021283195	<u>A61P 29 /-</u>	2021249530 2021250462 2021253117 2021264368	2020446569 2021249314 2021264073 2021268532 2021275886 <u>B01J 20 /-</u> 2021277386	<u>B23P 13 /-</u> <u>B23P 15 /-</u>
2020455109 2021242332 2021267409 2021268335 2021342988	<u>A61K 8 /-</u>	2021249530 2021250462 2021253117 2021264368	2021249530 2021253587 2021264368	2021268532 2021275886 <u>B01J 20 /-</u> 2021277386	<u>B23P 15 /-</u>

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<u>B25B 1 /-</u>	<u>B32B 15 /-</u>	<u>B61C 9 /-</u>	<u>B66C 19 /-</u>	<u>C07C 29 /-</u>	2021253587 2021273458 2021275118 2021282039 2021295413 2021297767
2021279210	2021261622	2021391210	2021246213	2021248627	
<u>B26B 21 /-</u>	<u>B32B 27 /-</u>	<u>B61D 43 /-</u>	<u>B66F 9 /-</u>	<u>C07C 323 /-</u>	
2021292464 2021293025	2021243811 2021261622 2021268040	2021391210	2021283928	2021241696	
<u>B26D 3 /-</u>	<u>B32B 29 /-</u>	<u>B61F 5 /-</u>	<u>B67D 1 /-</u>	<u>C07C 33 /-</u>	<u>C07D 403 /-</u>
2021269040	2021249695	2021391210	2021264401 2021268031 2021269790 2021275455	2021248627	2021253587 2021275118 2021295413
<u>B29B 11 /-</u>	<u>B32B 3 /-</u>	<u>B64F 1 /-</u>	<u>B67D 7 /-</u>	<u>C07C 51 /-</u>	<u>C07D 405 /-</u>
2021245273	2021249695	2021244773	2021264401	2020440743	2021249530
<u>B29C 33 /-</u>	<u>B32B 37 /-</u>	<u>B64G 1 /-</u>	<u>C01B 3 /-</u>	<u>C07C 59 /-</u>	<u>C07D 413 /-</u>
2021258195	2021268040	2021279439	2021268531 2021268874 2021269642 2021284970 2021284990	2020440743	2021249530 2021253587 2021253617 2021264008 2021268164 2022271388
<u>B29C 41 /-</u>	<u>B32B 5 /-</u>	<u>B65D 43 /-</u>	<u>C01B 32 /-</u>	<u>C07D 205 /-</u>	
2021247925 2021268040	2021245273	2020447313	2021265253 2021265872 2021269642	2021275118	
<u>B29C 44 /-</u>	<u>B32B 7 /-</u>	<u>B65D 5 /-</u>	<u>C01B 33 /-</u>	<u>C07D 207 /-</u>	<u>C07D 417 /-</u>
2021268040	2021245273	2020439412 2021258134	2021342988	2021275118	2021253587 2021264008 2021266141 2021282039 2021295413
<u>B29C 45 /-</u>	<u>B33Y 10 /-</u>	<u>B65D 71 /-</u>	<u>C02F 1 /-</u>	<u>C07D 215 /-</u>	
2021258195	2021297581	2021280271	2021268349 2021277386	2021297767	<u>C07D 471 /-</u>
<u>B29C 49 /-</u>	<u>B33Y 50 /-</u>	<u>B65D 85 /-</u>	<u>C03C 27 /-</u>	<u>C07D 217 /-</u>	2021248867 2021249224 2021253587 2021275118 2021295413
2021259764	2021297581	2021275455	2021255243	2021275118	
<u>B29C 64 /-</u>	<u>B60B 33 /-</u>	<u>B65D 88 /-</u>	<u>C04B 20 /-</u>	<u>C07D 231 /-</u>	<u>C07D 473 /-</u>
2021297581	2021266976	2021433131	2021266574	2021273458	2021295413
<u>B29C 65 /-</u>	<u>B60C 9 /-</u>	<u>B65G 1 /-</u>	<u>C04B 7 /-</u>	<u>C07D 233 /-</u>	<u>C07D 487 /-</u>
2021245273	2022260910	2020446248	2021266574	2021264008	2021244028 2021248867 2021249224 2021249530 2021253587 2021275118
<u>B29C 70 /-</u>	<u>B60H 1 /-</u>	<u>B65G 43 /-</u>	<u>C07C 211 /-</u>	<u>C07D 239 /-</u>	
2021245273 2021297581	2021270323 2021273312	2021278260	2021275118	2021260682 2021266805 2021295413	
<u>B29D 30 /-</u>	<u>B60L 50 /-</u>	<u>B65G 47 /-</u>	<u>C07C 215 /-</u>	<u>C07D 243 /-</u>	<u>C07D 491 /-</u>
2022260910	2021254739	2021255243	2021275118	2021266805	2021273369 2021275118
<u>B29K 105 /-</u>	<u>B60L 58 /-</u>	<u>B65G 63 /-</u>	<u>C07C 215 /-</u>	<u>C07D 265 /-</u>	
2021268040	2021254739	2021246213	2021275118	2021266805	
<u>B29K 21 /-</u>	<u>B60P 7 /-</u>	<u>B65H 54 /-</u>	<u>C07C 229 /-</u>	<u>C07D 295 /-</u>	<u>C07D 495 /-</u>
2021258195	2021267558	2021267558	2021275118	2021275118	2021248867 2021249224
<u>B29K 23 /-</u>	<u>B60R 16 /-</u>	<u>B65H 57 /-</u>	<u>C07C 233 /-</u>	<u>C07D 311 /-</u>	<u>C07D 498 /-</u>
2021268040	2021254739	2021267558	2021275118	2021268164	2021275118
<u>B29L 31 /-</u>	<u>B60W 60 /-</u>	<u>B66B 1 /-</u>	<u>C07C 237 /-</u>	<u>C07D 401 /-</u>	<u>C07F 9 /-</u>
2021258195 2021259764	2021300809	2021266060	2021271315	2021241696 2021248867 2021249224 2021249530	2021269125
<u>B31F 1 /-</u>	<u>B61B 12 /-</u>	<u>B66B 3 /-</u>			
2021249695	2021260768	2021266060			

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C07H 1 /-	2021278562 2021279285 2021282629	C08L 23 /-	C11D 9 /-	2021282629	C22B 7 /-
2020440743 2021260579		2020445944	2021263904		2021251539
C07H 15 /-	C07K 17 /-	C08L 25 /-	C12C 11 /-	2021240432 2021264061 2021268946 2021282257	C22C 1 /-
2021271805	2021264005 2021280332	2021289619	2021269790		2021278197
C07H 19 /-	C07K 19 /-	C08L 33 /-	C12G 3 /-	C12N 9 /-	C22C 33 /-
2020440743 2021266805	2021246890 2021250615	2021289619	2021243469 2021269790	2020384851 2020445067 2021253344 2021258273 2021262448 2021264478 2021271010 2021281344	2021278197
C07H 21 /-	C08F 2 /-	2021289619	C12H 1 /-		C22C 38 /-
2021263432 2021263433	2021245007 2021276419	C08L 63 /-	2021243469	2021243469	2021278197
C07K 1 /-	C08F 20 /-	2021247925	C12M 1 /-		C25B 1 /-
2021272911	2021245007	C09D 11 /-	2020445067 2021264368 2021276232		2021265253 2021268349 2021268531
C07K 11 /-	C08F 220 /-	2021289619	C12M 3 /-		C25B 11 /-
2021264061	2021245007	C09D 175 /-	2021264368		2021268187
C07K 14 /-	C08F 236 /-	2021276419	C12N 1 /-		C25B 15 /-
2020445067 2021244594 2021245363 2021247269 2021248766 2021250319 2021256984 2021261420 2021261429 2021263579 2021264005 2021267705 2021267856 2021268674 2021268946 2021275117 2021275489 2021280332 2021282257 2021286177	2021247925 C08F 271 /- 2021276419 C08F 290 /- 2021276419 C08G 18 /- 2021276419 C08G 59 /- 2021247925 C08J 11 /- 2021248708	C09D 4 /- 2021276419 C09K 8 /- 2020468351 2021245007 2021263904 C10G 2 /- 2020446569 2021262819 2021268531 C10G 47 /- 2021262819 C10J 3 /- 2021262819 C10K 3 /- 2021284970 2021284990 C11D 1 /- 2021263904 2021280970 C11D 11 /- 2021280970 C11D 17 /- 2021280970 C11D 3 /- 2021263904 2021280970	2020445067 2021245344 2021246903 2021248783 2021282629 C12N 15 /- 2020384851 2020445067 2021241696 2021244594 2021245363 2021250186 2021250200 2021250615 2021253344 2021258191 2021258273 2021260932 2021262448 2021264061 2021264478 2021267362 2021267856 2021268946 2021274120 2021282257 2021282629 2021286177 C12N 5 /- 2021244594 2021245363 2021250615 2021261420 2021262748 2021263579 2021263754 2021264368 2021264726 2021267020 2021268335 2021280332	2021244028 2021271010 C12P 21 /- 2021282629 C12P 7 /- 2021264478 2021271010 C12Q 1 /- 2020384851 2021244696 2021245344 2021246903 2021262228 2021262448 2021263432 2021263433 2021264451 2021264510 C12R 1 /- 2020445067 C21B 13 /- 2021281774 C22B 1 /- 2021251539 2021257168 C22B 15 /- 2021251539 C22B 23 /- 2021251539 C22B 5 /- 2021251539	C25B 15 /- 2021261991 C25B 9 /- 2021261991 C25C 3 /- 2021269642 C40B 30 /- 2021263433 D03C 13 /- 2021272692 D03C 9 /- 2021272692 D03D 41 /- 2021272692 D21H 15 /- 2021249695 D21H 17 /- 2021278296 D21H 21 /- 2021249695 2021278296 D21H 27 /- 2021249695 E01B 25 /- 2021334603

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<u>E01B 7 /-</u>	<u>E21B 4 /-</u>	<u>F16K 24 /-</u>	<u>F23G 5 /-</u>	<u>F41A 3 /-</u>	<u>G01N 35 /-</u>
2021334603	2021268184	2021309188	2020443728	2021276581	2021250481
<u>E01F 13 /-</u>	<u>E21B 41 /-</u>	<u>F16K 31 /-</u>	<u>F23N 5 /-</u>	<u>F41A 5 /-</u>	<u>G01N 37 /-</u>
2021292059	2020464741	2021283944	2021275268	2021275485	2021263345
<u>E01F 15 /-</u>	<u>E21B 43 /-</u>	2021309188	<u>F24B 3 /-</u>	<u>F41C 27 /-</u>	<u>G01R 23 /-</u>
2021292059	2020464741	<u>F16L 25 /-</u>	2021263567	2021267881	2021262135
<u>E02D 17 /-</u>	<u>E21B 44 /-</u>	2021435255	<u>F24F 1 /-</u>	<u>F41G 1 /-</u>	<u>G01R 29 /-</u>
2021414579	2021268184	<u>F16L 47 /-</u>	2020439929	2021267514	2021262135
<u>E02D 27 /-</u>	<u>F02M 37 /-</u>	2021435255	2020440046	<u>F41G 11 /-</u>	<u>G01R 31 /-</u>
2021249318	2021264926	<u>F16L 57 /-</u>	2020440611	2021267881	2021262135
<u>E02F 3 /-</u>	<u>F03B 11 /-</u>	2021285760	2020440611	<u>G01C 21 /-</u>	<u>G01R 33 /-</u>
2021264935	2021321845	<u>F17C 1 /-</u>	<u>F24F 13 /-</u>	2021257861	2021263329
2021265721	<u>F03B 13 /-</u>	2021414579	2020439929	<u>G01D 1 /-</u>	<u>G01S 17 /-</u>
<u>E02F 9 /-</u>	2020464741	<u>F17C 13 /-</u>	<u>F24F 3 /-</u>	2021263345	2021249313
2021262454	2021265006	2021414579	2021249314	<u>G01F 11 /-</u>	2021271815
2021264935	2021321845	2021433131	<u>F25B 21 /-</u>	2021263329	2021293277
2021265721	<u>F03D 7 /-</u>	2021433525	2021278986	<u>G01H 3 /-</u>	2021299239
2021308377	2021290601	<u>F17D 3 /-</u>	<u>F25B 9 /-</u>	2021246424	2021302922
<u>E04B 1 /-</u>	2021303190	2021264401	2021267010	<u>G01K 13 /-</u>	<u>G01S 19 /-</u>
2021240418	2021303191	<u>F21L 4 /-</u>	<u>F25D 11 /-</u>	2021267994	2021257861
2021246541	<u>F03D 80 /-</u>	<u>F21V 23 /-</u>	2020445457	<u>G01M 13 /-</u>	<u>G01S 7 /-</u>
2021249318	2020445667	2021267514	2020445457	2021283620	2021271815
<u>E04D 3 /-</u>	<u>F04B 43 /-</u>	<u>F21Y 105 /-</u>	2021278986	<u>G01N 3 /-</u>	2021302922
2021246541	2021273832	2021267514	<u>F25D 19 /-</u>	2021309188	<u>G01T 1 /-</u>
<u>E04F 13 /-</u>	<u>F04D 29 /-</u>	<u>F21Y 113 /-</u>	2021278986	<u>G01N 1 /-</u>	2020439463
2021246541	2021266807	2021267514	2021278986	2021265723	<u>G02B 23 /-</u>
<u>E06B 9 /-</u>	2021279210	<u>F21Y 115 /-</u>	<u>F25D 3 /-</u>	<u>G01N 21 /-</u>	2021267881
2021258853	<u>F04D 7 /-</u>	2021267514	2021278986	2020439463	<u>G02B 26 /-</u>
2021273111	2021279210	<u>F21Y 115 /-</u>	<u>F25J 1 /-</u>	2021273324	2021267881
<u>E21B 17 /-</u>	2021279210	2021267514	2021267010	<u>G01N 27 /-</u>	2021267881
2021267052	<u>F16B 13 /-</u>	<u>F22B 37 /-</u>	2020452705	2021263432	<u>G02C 7 /-</u>
<u>E21B 19 /-</u>	2021246541	2020443728	<u>F23B 10 /-</u>	2021265872	<u>G02B 6 /-</u>
2021267052	<u>F16B 2 /-</u>	<u>F23B 30 /-</u>	2020443728	2021266614	2021246105
<u>E21B 21 /-</u>	2021279210	2020452705	<u>F23C 10 /-</u>	<u>G01N 33 /-</u>	2021257751
2021263387	<u>F16B 37 /-</u>	<u>F23B 10 /-</u>	2020443728	2021263432	<u>G02C 7 /-</u>
<u>E21B 33 /-</u>	2021246541	2020443728	<u>F23C 10 /-</u>	2021265872	2021315853
2020468351	<u>F16B 43 /-</u>	<u>F23B 30 /-</u>	2020443728	2021266614	2021346932
<u>E21B 34 /-</u>	2021246541	2020452705	<u>F23C 10 /-</u>	<u>G01N 27 /-</u>	<u>G03B 29 /-</u>
2020464741	<u>F16D 49 /-</u>	<u>F23B 10 /-</u>	2021276556	2021263432	2021267881
<u>E21B 37 /-</u>	2021266976	2020443728	<u>F41A 11 /-</u>	2021250481	<u>G05D 7 /-</u>
2020464741	<u>F16F 15 /-</u>	<u>F23C 6 /-</u>	2021276556	2021253117	2021260947
2020456546	2020456546	2020443728	<u>F41A 17 /-</u>	2021262448	2021264401
			2021267740	2021265872	2021264401
				2021267023	<u>G06F 15 /-</u>
				2021268335	2021259316
				2021268661	

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<u>G06F 16 /-</u>	<u>G06V 10 /-</u>	2021272894 2021274017 2021283300	<u>H02K 19 /-</u>	<u>H04W 4 /-</u>
2021250466	2021258816		2021280812	2021262756 2021283607
<u>G06F 21 /-</u>	<u>G06V 20 /-</u>	<u>G21C 21 /-</u>	<u>H02K 3 /-</u>	<u>H04W 48 /-</u>
2021241554 2021264453	2021244773	2021258211	2021249794	2021260760
<u>G06F 40 /-</u>	<u>G06V 30 /-</u>	<u>G21C 3 /-</u>	<u>H02K 7 /-</u>	<u>H04W 56 /-</u>
2021250466	2021244773 2021258816	2021258211 2021267176	2021391210	2021260760
<u>G06K 19 /-</u>	<u>G06V 40 /-</u>	<u>G21D 7 /-</u>	<u>H02K 99 /-</u>	<u>H04W 72 /-</u>
2021372248	2021244773	2021267176	2021249794	2021262264 2021283607
<u>G06K 9 /-</u>	<u>G07C 9 /-</u>	<u>G21H 1 /-</u>	<u>H02M 7 /-</u>	<u>H05B 6 /-</u>
2021244773 2021247413 2021249313 2021258816 2021266673	2021253293	2021267176	2021436071 2021436898	2021241982 2021259764
<u>G06N 20 /-</u>	<u>G08B 13 /-</u>	<u>H01F 41 /-</u>	<u>H02N 11 /-</u>	
2020439463 2021247413 2021268661 2021280263	2021280263	2021266593	2021255499	
<u>G06N 20 /-</u>	<u>G08B 17 /-</u>	<u>H01F 6 /-</u>	<u>H04B 17 /-</u>	
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<u>G06N 3 /-</u>	<u>G08G 1 /-</u>	<u>H01F 7 /-</u>	<u>H04B 7 /-</u>	
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2021249117 2021250466 2021283806 2021339060	2020447125	2020442183 2020442184 2020442884	2021262264	
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	<u>G16H 20 /-</u>	<u>H02H 9 /-</u>	<u>H04R 1 /-</u>	
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	2021283195	2021249794 2021280812	2021246424	
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	2021247413 2021259514	2021249794	2021262946	
			<u>H04W 12 /-</u>	
			2021267896	

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	H04B 7/04 (2017.01)			A61K 31/52 (2006.01)
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(54) Methods of treatment of diseases in which IL-13 activity is detrimental using anti-IL-13 antibodies	(54) METHOD USED BY UE TO PRECON-FIGURE RESOURCE FOR SMALL DATA TRANSMISSION IN INACTIVE STATE AND UE USING THE SAME			(11) AU-B-2021204174
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 G06F 3/0488 (2013.01)
 G06K 9/00 (2006.01)
 G06T 11/60 (2006.01)
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G01S 13/76 (2006.01)
G07C 9/00 (2020.01)
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G01N 1/14 (2006.01)
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A01N 43/56 (2006.01)
A01N 43/60 (2006.01)
A01N 43/80 (2006.01)
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H01M 4/13 (2010.01)

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C07C 1/20 (2006.01)
C10G 3/00 (2006.01)
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A61K 39/395 (2006.01)
A61P 1/04 (2006.01)
A61P 1/16 (2006.01)
A61P 3/10 (2006.01)
A61P 5/14 (2006.01)
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C12P 19/56 (2006.01)
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A61K 8/21 (2006.01)
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H04W 52/00 (2009.01)
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 (54) ELECTROSURGICAL APPARATUS AND METHOD
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B29D 99/00 (2010.01)
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C01B 7/01 (2006.01)
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 (74) Oxygene IP

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 (11) AU-B-2020290980
 (21) 2020290980 (22) 30.05.2020
 (54) Airborne topo-bathy lidar system and methods thereof
 (51) Int. Cl.
G01S 17/02 (2020.01)
G01S 17/08 (2006.01)

Applications Accepted - Name Index cont'd

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- (31) 62/854,571 (32) 30.05.19 (33) US
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- (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) Wuxi Institute of Technology
- (11) AU-B-2020427917
- (21) 2020427917 (22) 28.12.2020
- (54) Multi-cavity half core box mechanism and method thereof for manufacturing sand core
- (51) Int. Cl.
B22D 15/00 (2006.01)
- (87) WO2022/016810
- (31) 2020106974031 (32) 20.07.20 (33) CN
- (43) 03.02.2022
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- (74) Madderns Pty Ltd
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- (71) Wyeth LLC
- (11) AU-B-2020230248
- (21) 2020230248 (22) 08.09.2020
- (54) Compositions relating to a mutant Clostridium difficile toxin and methods thereof
- (51) Int. Cl.
C07K 14/33 (2006.01)
A61K 39/08 (2006.01)
C07K 16/12 (2006.01)
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- (74) Spruson & Ferguson
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- (21) 2017203381 (22) 19.05.2017
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- (51) Int. Cl.
B60B 33/04 (2006.01)
B60B 33/08 (2006.01)
F16F 6/00 (2006.01)
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- (54) System and method for determining a plant status
- (51) Int. Cl.
A01G 7/04 (2006.01)
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- (31) 16206925.6 (32) 27.12.16 (33) EP
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C03B 23/03 (2006.01)
C03B 11/00 (2006.01)
C03B 11/08 (2006.01)
- (87) WO2020/241451
- (31) 2019-101030 (32) 30.05.19 (33) JP
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- (51) Int. Cl.
A47J 41/00 (2006.01)
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- (21) 2020447435 (22) 12.05.2020
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- (51) Int. Cl.
C07D 239/90 (2006.01)
A61P 25/16 (2006.01)
A61P 25/28 (2006.01)
A61P 27/02 (2006.01)
- (87) WO2021/226814
- (43) 18.11.2021
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A61Q 19/00 (2006.01)
A61K 8/99 (2017.01)
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- (54) Drug packaging device
- (51) Int. Cl.
A61J 3/00 (2006.01)
B65B 1/30 (2006.01)
- (87) WO2018/092771
- (31) 2017-217711 (32) 10.11.17 (33) JP
- 2016-222408 15.11.16 JP
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- (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) Zebra Technologies Corporation
- (11) AU-B-2021202011
- (21) 2021202011 (22) 31.03.2021
- (54) Method, apparatus, and computer program product improving real time location systems with multiple location technologies
- (51) Int. Cl.
G01S 5/02 (2010.01)
G06K 7/10 (2006.01)
- (43) 29.04.2021
- (44) 01.12.2022
- (62) 2020204367
- (72) HUGHES, John K.; O'HAGAN, James J.
- (74) Spruson & Ferguson
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- Zhejiang Jinko Solar Co., Ltd. see Shanghai Jinko Green Energy Enterprise Management Co. Ltd.**
- (21) 2022206802
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- ZHEJIANG JINKO SOLAR CO., LTD. see SHANGHAI JINKO GREEN ENERGY ENTERPRISE MANAGEMENT CO., LTD.**
- (21) 2021240193
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- (71) Zillow, Inc.
- (11) AU-B-2019356907
- (21) 2019356907 (22) 09.10.2019

Applications Accepted - Name Index cont'd

(54) Automated control of image acquisition
via use of acquisition device sensors
(51) Int. Cl.
G06F 3/00 (2006.01)
(87) WO2020/076880
(31) 62/744,480 (32) 11.10.18 (33) US
16/236,187 28.12.18 US
(43) 16.04.2020
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OTWELL, Andrew H.; HSIAO, Dun-Yu
(74) Davies Collison Cave Pty Ltd

(71) Zodiac Pool Care Europe
(11) AU-B-2019322204
(21) 2019322204 (22) 14.08.2019
(54) Autonomous cleaning systems principally
for swimming pools
(51) Int. Cl.
E04H 4/16 (2006.01)
(87) WO2020/035810
(31) 18/57496 (32) 14.08.18 (33) FR
(43) 20.02.2020
(44) 01.12.2022
(72) LANCRY, Arnaud
(74) FB Rice Pty Ltd

(71) Zodiac Pool Systems LLC
(11) AU-B-2017324272
(21) 2017324272 (22) 05.09.2017
(54) Buoyant automatic cleaners
(51) Int. Cl.
E04H 4/16 (2006.01)
(87) WO2018/048799
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(43) 15.03.2018
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Hendrikus Johannes
(74) FB Rice Pty Ltd

(71) ZTE Corporation
(11) AU-B-2020209603
(21) 2020209603 (22) 13.01.2020
(54) Terminal energy-saving method, base
station, terminal, terminal energy-saving
system and computer-readable storage
medium
(51) Int. Cl.
H04W 52/02 (2009.01)
(87) WO2020/147669
(31) 201910049747.9 (32) 18.01.19 (33) CN
(43) 23.07.2020
(44) 01.12.2022
(72) SHA, Xiubin; DAI, Bo; LU, Ting; LIU, Xu
(74) GLMR

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2016204726	Ace Products Holdings Pty Ltd	2017279715	Black & Decker Inc.
2016213865	Antofagasta Minerals S.A.	2017280058	Evapco, Inc.
2016219263	Alnylam Pharmaceuticals, Inc.	2017281835	Carruthers, P.
2016273990	#1A LifeSafer, Inc.	2017283724	Procyron, Inc.
2016308591	Nemesis Bioscience Ltd	2017287706	D & D Group Pty Ltd
2016321204	Cold Spring Harbor Laboratory	2017295305	Piech, G.
2016324479	Baylor College of Medicine	2017300950	Petalite Limited
2016324669	TOKYO UNIVERSITY OF AGRICULTURE; National Agriculture and Food Research Organization; Kyushu University, National University Corporation	2017306575	The University of Newcastle
		2017306749	Uvex Arbeitsschutz GmbH
		2017311409	Upstart Power, Inc.
2016335698	President and Fellows of Harvard College	2017312214	The Methodist Hospital System
2016341938	Celcuity Inc.	2017313120	Donaldson Company, Inc.
2016343175	River 1 Limited	2017314713	N.V. Nutricia
2016343991	Editas Medicine, Inc.	2017314943	Edwards Lifesciences Corporation
2016345054	COS IPT Pty Ltd	2017315357	Eisai R&D Management Co., Ltd.
2016346646	Synlogic Operating Company, Inc.	2017315947	EXCIVA UG (haftungsbeschränkt); Vepachedu, S.
2016358101	Regeneron Pharmaceuticals, Inc.	2017319602	Fisher & Paykel Healthcare Limited
2016359084	Semmelweis Egyetem; Pécsi Tudományegyetem	2017320338	Schmacker Investments Pty Ltd
2016363664	Bond University Ltd	2017321698	Keystone Tower Systems, Inc.
2016391069	Project Cloudkey, Inc.	2017324272	Zodiac Pool Systems LLC
2016393740	Prysmian S.p.A.	2017324880	I.C. Medical, Inc.
2016398192	Kolibree	2017334261	Towteknik Pty Ltd
2016399230	Electrolux Appliances Aktiebolag	2017335975	Hypothermia Devices, Inc.; The Regents of The Uni- versity of California
2016406709	Shenzhen Hightide Biopharmaceutical., Ltd.		
2016409304	Intelligent Wellhead Systems Inc.	2017338936	Eurofilters N.V.
2016416889	Wat, H.	2017342827	Mars, Incorporated
2016420115	Halliburton Energy Services, Inc.	2017343443	ITT Manufacturing Enterprises LLC
2016422180	selFrag AG	2017346791	University of Pittsburgh-of the Commonwealth System of Higher Education; UPMC; Universidad de Santiago de Chile
2016432687	Kimberly-Clark Worldwide, Inc.		
2017202218	Eemax, Inc.	2017347877	TAE Technologies, Inc.
2017203381	Yang, T.	2017350502	Yun NV; Universiteit Antwerpen
2017203620	Soletanche Freyssinet	2017352072	Cresno SA
2017208013	The Children's Medical Center Corporation; Beth Israel Deaconess Medical Center, Inc.	2017356228	Gynesonics, Inc.
		2017356334	Teufelberger Ges.m.b.H.
2017209742	National University Corporation Tokai National Higher Education and Research System	2017356592	IFP Energies nouvelles
		2017356808	Weatherford Technology Holdings, LLC
2017217426	BeyondSpring Pharmaceuticals, Inc.	2017358523	Ocean Power Technologies, Inc.
2017225354	Oxford University Innovation Limited	2017361650	Yuyama MFG. Co., Ltd.
2017229608	Monsanto Technology LLC	2017361717	Norsk Hydro ASA
2017230839	Société des Produits Nestlé S.A.	2017364359	Magenta Medical Ltd.
2017234486	Liu, S.	2017364824	Toppan Printing Co., Ltd.
2017237093	MiMedx Group, Inc.	2017366311	DeLaval Holding AB
2017240266	Debregeas et Associes Pharma	2017367100	Foundry Innovation & Research 1, Ltd.
2017242134	Wockhardt Limited	2017367268	Alcon Inc.
2017242136	Wockhardt Limited	2017371709	Rise Mining Developments Pty Ltd
2017244041	Marine Canada Acquisition Inc.	2017376781	Caterpillar Inc.
2017245737	Phico Therapeutics Ltd	2017376922	Société des Produits Nestlé S.A.
2017245894	ADETEXS LTD	2017377031	Sealy Technology, LLC
2017245939	Clean Seed Agricultural Technologies Ltd.	2017378083	Avent, Inc.
2017249603	Genfit	2017378354	Patel, A.
2017254652	Virovek, Inc.	2017382197	The Regents of the University of California
2017256125	Andalay Technologies Limited	2017382935	MedTrace Pharma A/S
2017256803	Fundació Hospital Universitari Vall d'Hebron - Institut de Recerca	2017383345	Saint-Gobain Centre de Recherches et D'etudes Europeen
2017257183	Baebies, Inc.	2017387699	Yara International ASA
2017257494	Gelesis, LLC.	2017388570	Halliburton Energy Services, Inc.
2017257870	PerkinElmer Health Sciences, Inc.	2017394777	MinEx CRC Ltd
2017261927	GB Progetti S.r.l.	2017402077	ThyssenKrupp Steel Europe AG; ThyssenKrupp AG
2017263539	Magnetic Variation Services LLC	2017404594	Halliburton Manufacturing and Services, Limited
2017265390	QinetiQ Limited	2017413680	Halliburton Energy Services, Inc.
2017266577	Battarix Enterprises, LLC	2017425067	NTT DOCOMO, INC.
2017267929	Rubbercraft Corporation of California, Ltd	2017431602	PANARA a.s.
2017268310	PerkinElmer Health Sciences, Inc.	2017444990	Institut Pasteur de Montevideo; Universidad de la República; Batthyány, C.
2017268709	Day, S.; Lee, R.A.; Marskell, S.		
2017270598	Sarepta Therapeutics, Inc.	2018200949	Deere & Company
2017272349	Klotho Therapeutics, Inc.	2018201213	Caterpillar Inc.
2017272907	Fast Build Systems Pty Ltd	2018201230	Graco Minnesota Inc.
2017277557	Caterpillar Inc.		

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2018201282	Noritz Corporation	2018409333	NTT DOCOMO, INC.
2018203044	Joy Global Surface Mining Inc	2018416684	Sony Corporation
2018204799	CRAYOLA LLC	2018443268	Huawei Technologies Co., Ltd.
2018208485	Inspire Medical Systems, Inc.	2018445788	Colgate-Palmolive Company
2018210527	Magic Leap, Inc.	2018450016	Guangzhou Xaircraft Technology Co., Ltd.
2018212997	Lubrizol Advanced Materials, Inc.	2018450426	Guangzhou Xaircraft Technology Co., Ltd.
2018216906	EuroChem Agro GmbH	2018451596	Tangshan Zhaolan Marine Technology Co., Ltd.; Beijing Institute of Control And Electronic Technology
2018219661	BASF SE	2018452006	Hewlett-Packard Development Company, L.P.
2018220122	Wabash National, L.P.	2018452257	Hewlett-Packard Development Company, L.P.
2018221742	Magic Leap, Inc.	2018452938	Colgate-Palmolive Company
2018222799	Clariant Plastics & Coatings Ltd	2019205693	Samsung Electronics Co., Ltd.
2018225834	Sunnybrook Research Institute	2019207764	Steeper Energy ApS
2018227567	Locus Oil IP Company, LLC	2019220423	Chemieanlagenbau Chemnitz GmbH
2018228498	Halliburton Energy Services, Inc.	2019235154	Miyoshi Oil & Fat Co.,Ltd.
2018229466	Tokai University Educational System; Sysmex Corporation	2019236406	Syngenta Participations AG
2018231812	Sato Holdings Kabushiki Kaisha	2019240974	Excelmab Inc.
2018236977	Bifrost Communications ApS	2019243241	CJ Cheiljedang Corporation
2018249948	Korpman, D.	2019248657	Sharp Kabushiki Kaisha; FG Innovation Company Limited
2018250380	Weatherford Technology Holdings, LLC	2019252418	Qualcomm Incorporated
2018260875	Caterpillar Inc.	2019255870	Samsung Electronics Co., Ltd.
2018261585	BAE Systems Information and Electronic Systems Integration Inc.	2019257644	Qualcomm Incorporated
2018263586	Konecranes Global Corporation	2019272190	Bioneer Corporation
2018265770	The Australian National University	2019272610	DEHN SE + Co KG
2018267689	Real Time Dynamics Pty Ltd	2019274887	Creative Biosciences (Guangzhou) Co., Ltd.
2018268935	SPAX International GmbH & Co. KG	2019277019	Medi-Safe Surgicals (Pty) Ltd
2018273018	Materialize.X Limited	2019284056	THALES
2018273411	The Governors of the University of Alberta; Valorisation HSJ, Limited Partnership	2019287727	Regeneron Pharmaceuticals, Inc.
2018274090	Legrand France; Legrand SNC	2019288733	Kite Pharma, Inc.
2018280954	CMR Surgical Limited	2019290096	Beijing Geekplus Technology Co., Ltd.
2018287245	Fraunhofer-Gesellschaft zur Förderung der Angewandten Forschung e.V.; Red Bull GmbH	2019292414	Samyang Corporation
2018290161	NEC Platforms, Ltd.	2019297409	Helmholtz-Zentrum für Infektionsforschung GmbH
2018294206	Huawei Technologies Co., Ltd.	2019300691	Huawei Technologies Co., Ltd.
2018305833	Societe Des Produits Nestle S.A.	2019316475	LG Electronics Inc.
2018306399	Samsung Electronics Co., Ltd.	2019316745	Jones Food Company Limited
2018307919	Vitae Pharmaceuticals, LLC	2019321565	Qualcomm Incorporated
2018318556	Sumitomo Chemical Company, Limited	2019322204	Zodiac Pool Care Europe
2018320492	Adama Makhteshim Ltd.	2019329781	BASF Corporation
2018324074	Medos International Sarl	2019335976	LG Electronics Inc.
2018326393	The Product Makers (Australia) Pty Ltd	2019339492	Uber Technologies, Inc.
2018326617	Io Therapeutics, Inc.	2019339501	PureCircle Sdn Bhd
2018326721	Optikira, LLC; The Regents of the University of California	2019342986	Sumitomo Metal Mining Co., Ltd.
2018327688	AiCuris GmbH & Co. KG	2019343639	Three Peaks Medical Pty Ltd
2018327936	Samsung Electronics Co., Ltd.	2019347769	Gates Corporation
2018329920	Amgen Inc.	2019351568	Siemens Energy Global GmbH & Co. KG
2018331172	Sunshine Lake Pharma Co., Ltd.	2019351613	Inventio AG
2018335209	I4F Licensing NV	2019352753	SICPA HOLDING SA
2018335214	BASF SE	2019352754	SICPA HOLDING SA
2018337923	Hitachi Rail STS S.p.A.	2019353541	Tritana Intellectual Property Ltd.
2018341636	Samsung Electronics Co., Ltd.	2019356219	MEDACTA INTERNATIONAL SA
2018344135	Italmatch Chemicals GB Limited	2019356907	Zillow, Inc.
2018349270	The Insides Company Limited	2019356916	Tran, D.; Schaal, J.; Tran, P.; Selsted, M.
2018349996	Sharp Kabushiki Kaisha; FG Innovation Company Limited	2019359826	YETI Coolers, LLC
2018352526	Massachusetts Institute of Technology; Universidad Politecnica de Madrid	2019370809	Nicoventures Trading Limited
2018357874	CloudBlue LLC	2019370936	CNH Industrial Belgium NV
2018372887	CRRC Zhuzhou Locomotive Co., Ltd.	2019372063	BrainChip, Inc.
2018374575	SELLE SMP sas di M. Schiavon	2019373768	Nicoventures Trading Limited
2018376937	Piscines Desjoux SA	2019375375	ImmunityBio, Inc.
2018380542	NovaSignal Corp.	2019378450	KYB Corporation
2018385287	ATL Associates Limited	2019385366	Huawei Technologies Co., Ltd.
2018385766	Tarsus Pharmaceuticals, Inc.	2019386984	Thales Holdings UK Plc
2018388657	ChemoCentryx, Inc.	2019390971	Innospace Co., Ltd.
2018390719	Access Global Sciences, LLC	2019392870	SSAB Technology AB
2018402168	NTT DOCOMO, INC.	2019402263	JFE Steel Corporation
2018403219	Qualcomm Incorporated	2019406113	PPG Industries Ohio, Inc.
2018403991	Sopharma AD	2019419663	Shanghai Institute of Materia Medica, Chinese Academy of Sciences
		2019421490	Hefei Midea Refrigerator Co., Ltd.; Hefei Hualing Co., Ltd.; Midea Group Co., Ltd.
		2019421503	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.

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2019426474	Mitsubishi Electric Corporation	2020283650	Yazaki Energy System Corporation
2019427771	Halliburton Energy Services, Inc.	2020284093	Atlanta Scientific LLC
2019445992	KAAZ Corporation	2020286321	Fisher & Paykel Healthcare Limited
2019468159	De Nora Permelec Ltd	2020286334	Snap-on Incorporated
2019468611	Qingdao Chenland Pharmaceutical Technology Development Co.,Ltd.; Chenland Nutritionals, Inc.	2020289865	CODEXIS, INC.
2019479044	New York Air Brake, LLC	2020289868	CODEXIS, INC.
2020202995	Fisher & Paykel Healthcare Limited	2020289889	GI Scientific, LLC
2020203276	FISHER & PAYKEL HEALTHCARE LIMITED	2020290980	Woolpert, Inc.
2020203330	Canon Kabushiki Kaisha	2020294336	Incyte Holdings Corporation
2020205923	Shanghai Longwood Biopharmaceuticals Co., Ltd.	2020294607	Boston Scientific Scimed, Inc.
2020206388	Vitalixir (Beijing) Co., Ltd	2020297517	HB Innovations, Inc.
2020209564	Gilead Sciences, Inc.	2020298041	Vandewiele NV
2020209603	ZTE Corporation	2020298429	Goodman Co.,Ltd.
2020213411	MedicalTree Patent Ltd	2020315583	The Glad Products Company
2020214177	International Business Machines Corporation	2020316905	Boston Scientific Scimed, Inc.
2020217565	Baker Hughes Oilfield Operations LLC	2020319847	Innolith Technology AG
2020218477	Boston Scientific Neuromodulation Corporation	2020354996	Virginia Commonwealth University
2020221180	Caterpillar Inc.	2020369960	Motorola Solutions, Inc.
2020221962	International Business Machines Corporation	2020372604	SKC Co., Ltd.; SKC Inc.
2020222183	Unilever IP Holdings B.V.	2020420098	Kureha Corporation; National Institute of Advanced Industrial Science and Technology
2020223504	Danieli & C. Officine Meccaniche S.p.A.; HyL Technologies, S.A. de C.V.	2020424503	Hess Corporation
2020226229	Nippon Steel Corporation; JFE Steel Corporation; Kabushiki Kaisha Kobe Seiko Sho (Kobe Steel, Ltd.); Nippon Steel Engineering Co., Ltd.	2020427917	Wuxi Institute of Technology
2020227856	Qingdao Haier Refrigerator Co., Ltd.; Haier Smart Home Co., Ltd.	2020435105	Citrix Systems, Inc.
2020229911	Haier Smart Home Co., Ltd.	2020444034	Institute of Analysis, Guangdong Academy of Sciences (China National Analytical Center, Guangzhou)
2020230248	Wyeth LLC	2020447435	Yu, R.; Chen, J.
2020230318	Société des Produits Nestlé S.A.	2020474539	ClearStream Technologies Limited
2020230327	InterDigital Patent Holdings, Inc.	2021200218	Target Information Company Limited
2020233621	MTD Products Inc	2021200220	B. Braun Medical Inc.
2020235010	International Business Machines Corporation	2021200225	B. Braun Medical Inc.
2020238889	International Business Machines Corporation	2021200421	The National Institute for Biotechnology in the Negev Ltd.
2020239638	Omega Ophthalmics LLC	2021200431	Apple Inc.
2020240977	WEBER, P.	2021200639	Gilead Sciences, Inc.
2020241100	Nexa3D Inc.	2021200655	Apple Inc.
2020242735	Central China Normal University	2021200667	SHIMADZU CORPORATION
2020244389	Sequenom, Inc.	2021200840	BASF Agro B.V.
2020244490	MyoKardia, Inc.	2021200856	Snap-on Incorporated
2020244495	Fred Hutchinson Cancer Center	2021200911	Dolby International AB
2020246681	Bühler GmbH	2021200938	Hedera Hashgraph, LLC
2020248195	Huawei Technologies Co., Ltd.	2021200999	Google LLC
2020249424	Assa Abloy AB	2021201138	Tae Technologies, Inc.
2020249425	Assa Abloy AB	2021201183	Dexcom, Inc.
2020250246	Gracenote, Inc.	2021201430	Pulse IP, LLC
2020253570	Baker Hughes Oilfield Operations LLC	2021201784	BEYONDSRING PHARMACEUTICALS, INC.
2020256299	Nachurs Alpine Solutions, Corp.	2021201819	Boston Scientific Neuromodulation Corporation
2020256319	Strata Safety Products, LLC	2021201943	Snap-on Incorporated
2020257113	BioNTech Cell & Gene Therapies GmbH; TRON - Translationale Onkologie An Der Universitätsmedizin Der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH	2021202011	Zebra Technologies Corporation
2020260765	University of Massachusetts	2021202186	De Ridder, D.
2020263549	Komatsu Ltd.	2021202254	Apple Inc.
2020264030	BSolve Limited	2021202374	DISTRETTO TECNOLOGICO SICILIA MICRO E NANO SISTEMI S.C.A.R.L
2020264336	Sana Health, Inc.	2021202563	Eximis Surgical Inc.
2020264340	Cosmax NBT, Inc.; Cosmax NS, Inc.	2021202594	Chugai Seiyaku Kabushiki Kaisha
2020264380	Praxair Technology, Inc.	2021202700	Under the Weather, LLC
2020264938	Cornell Pump Company LLC	2021202720	Waymo LLC
2020267243	University of Maryland, Baltimore; Breathe, Inc.	2021202964	Acer Incorporated
2020268195	Tactical Medical Solutions, LLC	2021203266	Greeneden U.S. Holdings II, LLC
2020270596	Mitsubishi Heavy Industries Engineering, Ltd.; The Kansai Electric Power Co., Inc.	2021203284	EDGe Surgical, Inc.
2020273246	Rottapharm Biotech S.r.l.	2021203358	AbbVie Inc.
2020273366	Malta Inc.	2021203525	Auris Health, Inc.
2020273374	STRYKER EUROPEAN OPERATIONS HOLDINGS LLC	2021203662	Stamicarbon B.V.
2020277175	The NOCO Company	2021203956	Baylor College of Medicine; Texas Heart Institute
2020278868	Stamicarbon B.V.	2021204116	Genzyme Corporation
2020279246	DJO, LLC	2021204174	Airbus Helicopters
		2021204234	Pall Corporation
		2021204432	Sangamo Therapeutics, Inc.
		2021204458	Becton, Dickinson and Company
		2021204759	Taiyuan University of Technology
		2021205055	Brogen Technologies Inc.
		2021206889	Hwang, Y.

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2021209172	Aspen Aerogels, Inc.
2021212030	Acer Incorporated
2021212137	Longyear TM, Inc.
2021215116	Tesaro, Inc.
2021221410	Superdielectrics Ltd
2021221867	Ensign InfoSecurity Pte. Ltd
2021222055	BlueSpace AI, Inc.
2021226164	Staples, G.
2021229207	Blackmore Sensors & Analytics LLC
2021229244	TSK Laboratory Europe B.V.
2021232713	Nicoventures Trading Limited
2021232823	CREO MEDICAL LIMITED
2021232824	CREO MEDICAL LIMITED
2021236434	Acer Incorporated
2021236460	Polaris Industries Inc.
2021240193	SHANGHAI JINKO GREEN ENERGY ENTERPRISE MANAGEMENT CO., LTD.; ZHEJIANG JINKO SOLAR CO., LTD.
2021240294	Molecular Templates, Inc.
2021245118	Ascendis Pharma A/S
2021245241	American Greetings Corporation
2021250875	FST INNOVATION PTY LTD
2021252536	Motorola Solutions, Inc.
2021253877	The M.K. Morse Company
2021258044	HERO HEALTH, INC.
2021258064	Syncproto Co., Ltd.
2021258099	MARS BIOIMAGING LIMITED
2021259182	PayPal, Inc.
2021263319	Carter-Hoffmann, LLC
2021266308	Noxopharm Limited
2021278374	Icon23 Pty Ltd
2021282384	ENSIGN INFOSECURITY PTE. LTD.
2021347277	CBN Nano Technologies Inc.
2021360429	Lier Chemical Co., Ltd.; Guangan Lier Chemical Co., Ltd.
2021396591	Treemagineers Ltd
2022200580	Huawei Technologies Co., Ltd.
2022201270	Dolby International AB
2022201611	Magic Leap, Inc.
2022202500	SANDOZ AG
2022202689	Penland Foundation
2022206802	Shanghai Jinko Green Energy Enterprise Management Co. Ltd.; Zhejiang Jinko Solar Co., Ltd.
2022209197	Sadleir Laboratories Pty Ltd
2022209268	Lithium Ark Holding B.V.
2022211804	Anduril Industries, Inc.
2022211870	Rotalin International Pty Ltd
2022215325	Citrix Systems, Inc.
2022218514	Citrix Systems, Inc.
2022218548	MIS.CARBONART PTY LTD (a subsidiary of Mineral Resources Limited)
2022233346	Fable Holdings Pty Ltd

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<u>A01C 15 /-</u>	2019353541	2017376922	<u>A42B 3 /-</u>	2020294607	<u>A61C 7 /-</u>
2017245939	<u>A01N 1 /-</u>	<u>A23K 50 /-</u>	2017306749	2020316905	2017312214
<u>A01C 17 /-</u>	2020354996	2017376922	<u>A42C 1 /-</u>	2021202563	<u>A61C 8 /-</u>
2017245939	<u>A01N 35 /-</u>	<u>A23L 2 /-</u>	2021206889	2021203284	2017312214
<u>A01C 7 /-</u>	2019236406	2018326393	<u>A44B 11 /-</u>	2021203525	<u>A61C 9 /-</u>
2017245939	<u>A01N 37 /-</u>	2019339501	2017306749	2017324880	2017312214
<u>A01D 34 /-</u>	2021200840	<u>A23L 27 /-</u>	<u>A44C 5 /-</u>	2017356228	2017312214
2019445992	<u>A01N 39 /-</u>	2018326393	2021226164	2020240977	<u>A61F 13 /-</u>
<u>A01D 41 /-</u>	2021200840	2019339501	<u>A46B 15 /-</u>	2021202563	2016432687
2019353541	<u>A01N 41 /-</u>	2020222183	2016398192	2021203956	2020268195
<u>A01D 69 /-</u>	2021200840	<u>A23L 29 /-</u>	<u>A46B 9 /-</u>	2021232823	<u>A61F 2 /-</u>
2019370936	<u>A01N 43 /-</u>	2017257494	2018452938	2021232824	2017314943
<u>A01D 75 /-</u>	2018318556	2018326393	<u>A46D 1 /-</u>	2017356228	2017346791
2019353541	2018320492	2019292414	2018452938	2018280954	2020213411
<u>A01F 12 /-</u>	2019236406	2022233346	<u>A46D 1 /-</u>	<u>A61B 3 /-</u>	2020239638
2019353541	2021200840	<u>A23L 3 /-</u>	2018452938	2017367268	2020273374
<u>A01F 15 /-</u>	<u>A01N 47 /-</u>	2020222183	<u>A47C 23 /-</u>	<u>A61B 34 /-</u>	2020474539
2018200949	2018344135	<u>A23L 33 /-</u>	2017377031	2017356228	2017378083
2019370936	2021200840	2016346646	<u>A47F 1 /-</u>	2017367100	2018349270
<u>A01G 3 /-</u>	<u>A01P 13 /-</u>	2018326393	2018385287	2018225834	2020213411
2020233621	2018318556	2019292414	<u>A47G 29 /-</u>	2018352526	2020279246
<u>A01G 31 /-</u>	2021200840	2019468611	2021263319	2020264336	<u>A61F 7 /-</u>
2019316745	<u>A21C 11 /-</u>	2020230318	<u>A47J 31 /-</u>	2020297517	2017335975
<u>A01G 7 /-</u>	2017230839	2020264340	2017261927	2021201819	<u>A61F 9 /-</u>
2017387699	<u>A22B 5 /-</u>	<u>A23L 7 /-</u>	2017378354	2021203284	2022202689
<u>A01H 5 /-</u>	2016345054	2017230839	<u>A47J 41 /-</u>	<u>A61B 6 /-</u>	2017367268
2017229608	<u>A22B 7 /-</u>	<u>A23L 9 /-</u>	2019359826	2017312214	<u>A61J 1 /-</u>
<u>A01K 1 /-</u>	2016345054	2018305833	<u>A47J 43 /-</u>	<u>A61B 8 /-</u>	2020284093
2017366311	<u>A23C 11 /-</u>	<u>A23P 10 /-</u>	2016343175	2017356228	<u>A61J 3 /-</u>
<u>A01K 11 /-</u>	2018305833	2019292414	<u>A47K 10 /-</u>	2018225834	2017361650
2018222799	<u>A23D 7 /-</u>	2016343175	2019235154	2018380542	2021200220
<u>A01K 27 /-</u>	2022233346	2017230839	<u>A61B 1 /-</u>	2021203525	2021200225
2017342827	<u>A23F 3 /-</u>	2019370809	2018324074	<u>A61B 90 /-</u>	<u>A61J 7 /-</u>
<u>A01K 67 /-</u>	2020222183	2019373768	2020289889	2019277019	2021258044
2016358101	<u>A23G 3 /-</u>	<u>A24B 15 /-</u>	2021203956	2020294607	<u>A61K 31 /-</u>
2019287727	2017256125	2019370809	<u>A61B 17 /-</u>	2021203284	2016219263
<u>A01M 21 /-</u>	<u>A23K 10 /-</u>	2018326393	2017314943	<u>A61C 1 /-</u>	2016346646
	2017376922	2019373768	2017324880	2021203284	2016406709
	<u>A23K 20 /-</u>	<u>A24F 40 /-</u>	2018280954	<u>A61C 11 /-</u>	2017217426
		2019370809	2018380542	2017312214	2017240266
		2021206889	2019277019	<u>A61C 13 /-</u>	2017242134
			2019356219	2017312214	2017242136
			2020268195	<u>A61C 17 /-</u>	2017249603
			2020289889		2017256803
					2017257494
					2017270598
					2017314713
					2017315357
					2017315947
					2017444990

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2018273411	<u>A61K 45 /-</u>	2021203956	2016406709	2021202594	<u>B01D 46 /-</u>
2018307919			2017208013		
2018326617	2017249603	<u>A61M 3 /-</u>	2017256803	<u>A61P 7 /-</u>	2018203044
2018326721	2017256803		2017315947		
2018327688	2017314713	2018324074	2017382197	2021202594	<u>B01D 47 /-</u>
2018329920	2017315357		2020447435		
2018331172	2018390719	<u>A61M 39 /-</u>	2021200421	<u>A61P 9 /-</u>	2020278868
2018385766	2019375375		2021202594		2021203662
2018390719	2020294336	2017382935	2022202689	2016406709	
2018403991	2021202594			2017315947	<u>B01D 53 /-</u>
2019272190	2021203358	<u>A61M 5 /-</u>	<u>A61P 27 /-</u>	2018273411	
2019297409				2020244490	2020270596
2019419663	<u>A61K 47 /-</u>	2017382935	2017256803	2020354996	2021203662
2019468611		2020213411	2020447435	2021200421	
2020205923	2017257494	2021204458	2021202374	2021202594	<u>B01J 19 /-</u>
2020209564	2017315947	2021229244	2021202594		
2020242735	2019240974	2021245118		<u>A61Q 11 /-</u>	2020264380
2020244490	2019356916	2022209197			
2020273246	2022202500		<u>A61P 29 /-</u>	2017256125	<u>B01J 4 /-</u>
2020294336		<u>A61M 60 /-</u>		2018445788	
2020354996	<u>A61K 48 /-</u>		2016406709	2020264030	2020264380
2021200421		2017364359	2017444990		
2021200639	2017270598		2018273411	<u>A61Q 19 /-</u>	<u>B01J 8 /-</u>
2021202374		<u>A61N 1 /-</u>	2018307919		
2021203358	<u>A61K 8 /-</u>		2019272190	2017350502	2017306575
2021266308		2018208485	2019356916		2017361717
2022202500	2017256125	2020218477	2019468611	<u>A62B 35 /-</u>	2020264380
	2017350502	2021201430	2021202594		
<u>A61K 33 /-</u>	2018445788	2021201819		2021396591	<u>B01L 3 /-</u>
	2020264030	2021202186	<u>A61P 3 /-</u>		
2017314713	<u>A61K 9 /-</u>	<u>A61N 7 /-</u>		<u>A62B 7 /-</u>	2017257183
			2016406709		2020284093
<u>A61K 35 /-</u>	2016406709	2018380542	2020206388	2020203276	2021200667
	2017237093		2021202594		
2016308591	2017240266	<u>A61P 1 /-</u>		<u>A62C 31 /-</u>	<u>B02C 19 /-</u>
2016346646	2017256803		<u>A61P 31 /-</u>	2021250875	2016422180
2017208013	2017257494	2017249603	2016308591		
2017237093	2017314713	2019356916	2016343991	<u>A62C 35 /-</u>	<u>B03C 1 /-</u>
2017245737	2017315947	2020209564	2017242134		
2017254652	2018385766	2021202594	2017242136	2021250875	2017404594
2017382197	2019356916	<u>A61P 11 /-</u>	2018327688		
2019375375	2020354996		2018331172	<u>A62C 37 /-</u>	<u>B04B 7 /-</u>
2020244495	2021202374	2017249603	2019297409		
2021204432	2021266308	2019272190	2020205923	2021250875	2017320338
	2022202500	2021202594			
<u>A61K 36 /-</u>	2022202689	<u>A61P 13 /-</u>	<u>A61P 35 /-</u>	<u>A63F 13 /-</u>	<u>B07B 1 /-</u>
				2020221180	2017320338
2018403991	<u>A61L 2 /-</u>	2021202594	2016406709	2021202254	2022218548
2019468611			2017217426		
	2019356916	<u>A61P 15 /-</u>	2017315357	<u>A63H 17 /-</u>	<u>B07B 11 /-</u>
<u>A61K 38 /-</u>			2018329920		
	<u>A61L 27 /-</u>	<u>A61P 17 /-</u>	2019240974	2021278374	2017306575
2017208013			2019375375		
2017256803	2020239638	2021202594	2019419663	<u>A63H 19 /-</u>	<u>B07B 4 /-</u>
2017272349	2021221410	2022202500	2020242735		
2019356916			2020257113	2021278374	2017306575
2019468611	<u>A61M 1 /-</u>	2020294336	2020294336		
2020206388		2021202594	2021200639	<u>B01D 24 /-</u>	<u>B07B 7 /-</u>
2020260765	2018324074		2021202594		
2021204432	2018349270	<u>A61P 19 /-</u>	2021266308	2018376937	2017306575
2022202689	2020267243				
	<u>A61M 16 /-</u>	2019356916	<u>A61P 37 /-</u>	<u>B01D 29 /-</u>	<u>B21B 1 /-</u>
<u>A61K 39 /-</u>		2019468611		2021204234	2017320338
	2017319602	2020202995	2018327688		
2016324479	2020203276	2021202594	2020294336	<u>B01D 35 /-</u>	<u>B21B 27 /-</u>
2017217426	2020286321		2021202594		
2018327688		<u>A61P 21 /-</u>		2021204234	2017320338
2019240974	<u>A61M 25 /-</u>		<u>A61P 43 /-</u>		
2020230248		2016406709		<u>B01D 39 /-</u>	<u>B21B 31 /-</u>
2020257113		2021202594	2017314713		2017320338
2021202594	2019343639	<u>A61P 25 /-</u>	2021200421	2017313120	
2021203358	2020298429		<u>A61P 5 /-</u>	2017338936	

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<u>B21B 37 /-</u>		2018222799			2020256299
2017320338	<u>B29C 59 /-</u>		<u>B41M 7 /-</u>	<u>B62D 11 /-</u>	<u>C07C 1 /-</u>
	2017356334		2018219661	2017265390	2017361717
<u>B21C 37 /-</u>	2020315583				2019220423
2017321698	<u>B29C 63 /-</u>	<u>B42D 25 /-</u>		<u>B62D 13 /-</u>	<u>C07C 205 /-</u>
	2018374575	2017364824		2017334261	2019351613
<u>B22D 15 /-</u>		2018335214			2017444990
2020427917	<u>B29C 64 /-</u>	2019352753	<u>B62D 15 /-</u>	<u>B66B 5 /-</u>	<u>C07C 211 /-</u>
	2020241100	2019352754	2018263586	2019351613	2018326617
<u>B23D 55 /-</u>		<u>B60B 33 /-</u>	<u>B62D 23 /-</u>	<u>B82Y 30 /-</u>	<u>C07C 273 /-</u>
2021253877	<u>B29C 65 /-</u>	2017203381	2021236460	2021201430	2020278868
<u>B23D 59 /-</u>	2020315583				2021203662
2021253877	2021206889	<u>B60H 3 /-</u>	<u>B62D 25 /-</u>	<u>B82Y 40 /-</u>	
		2018203044	2021236460	2021201430	<u>C07C 63 /-</u>
<u>B25B 23 /-</u>	<u>B29D 22 /-</u>				
2021200856	2020315583	<u>B60K 17 /-</u>	<u>B62D 33 /-</u>	<u>B82Y 5 /-</u>	2018326617
		2017265390	2021236460	2021201430	<u>C07D 211 /-</u>
<u>B25F 3 /-</u>	<u>B29D 30 /-</u>				
2020233621	2017267929	<u>B60K 23 /-</u>	<u>B62D 49 /-</u>	<u>C01B 17 /-</u>	2021200421
		2017265390	2019392870	2020270596	2021215116
<u>B25F 5 /-</u>	<u>B29D 99 /-</u>				<u>C07D 213 /-</u>
2020233621	2018374575	<u>B60K 6 /-</u>	<u>B62D 55 /-</u>	<u>C01B 3 /-</u>	2019297409
	2019316475	2017265390	2017376781	2019207764	2021200639
<u>B25H 3 /-</u>	<u>B29K 23 /-</u>				
2021201943	2017356334	<u>B60M 3 /-</u>	<u>B62D 63 /-</u>	<u>C01B 32 /-</u>	<u>C07D 221 /-</u>
		2018372887	2018220122	2020270596	2019236406
<u>B25J 11 /-</u>	<u>B29K 25 /-</u>				
2019335976	2019316475	<u>B60P 3 /-</u>	<u>B62J 1 /-</u>	<u>C01B 33 /-</u>	<u>C07D 231 /-</u>
		2019378450	2018374575	2021209172	2018388657
<u>B25J 9 /-</u>	<u>B29K 67 /-</u>	2021236460			
2019335976	2017356334	<u>B60T 13 /-</u>	<u>B64C 3 /-</u>	<u>C01B 7 /-</u>	<u>C07D 233 /-</u>
		2019479044	2022211804	2022209268	2018335214
<u>B27B 17 /-</u>	<u>B29K 75 /-</u>				
2020233621	2019316475	<u>B60T 8 /-</u>	<u>B65B 1 /-</u>	<u>C01D 15 /-</u>	<u>C07D 239 /-</u>
		2019479044	2017361650	2022209268	2018320492
<u>B28B 23 /-</u>	<u>B29L 31 /-</u>				2020447435
2017272907	2017356334	<u>B60W 10 /-</u>	<u>B65B 13 /-</u>	<u>C02F 1 /-</u>	<u>C07D 241 /-</u>
		2017265390	2017356334	2021204234	
<u>B28B 7 /-</u>	<u>B30B 11 /-</u>	2021202720			2021200421
2017272907	2017230839	2021202720	<u>B65D 17 /-</u>	<u>C03B 11 /-</u>	2021200639
			2017295305	2020283650	
<u>B28C 5 /-</u>	<u>B31B 70 /-</u>	<u>B60W 20 /-</u>			<u>C07D 295 /-</u>
2019378450	2020315583	2017265390	<u>B65D 33 /-</u>	<u>C03B 23 /-</u>	2021200421
			2020315583	2020283650	
<u>B29B 17 /-</u>	<u>B32B 15 /-</u>	<u>B60W 30 /-</u>			<u>C07D 309 /-</u>
2020372604	2017402077	2021202720	<u>B65D 35 /-</u>	<u>C04B 35 /-</u>	2018273411
		2021222055	2016343175	2017383345	
<u>B29C 33 /-</u>	<u>B41J 2 /-</u>	<u>B60W 50 /-</u>	<u>B65D 63 /-</u>	<u>C04B 38 /-</u>	<u>C07D 333 /-</u>
2017267929	2018452006	2018201213	2017356334	2017383345	2019419663
	2018452257	2021202720			<u>C07D 401 /-</u>
<u>B29C 43 /-</u>		<u>B61L 25 /-</u>	<u>B65D 88 /-</u>	<u>C05C 9 /-</u>	2018318556
2021206889	<u>B41M 3 /-</u>	2019386984	2017361717	2021203662	2019236406
	2017364824				2019297409
<u>B29C 44 /-</u>	2018335214	<u>B61L 5 /-</u>	<u>B65G 1 /-</u>	<u>C05G 3 /-</u>	2020244490
2018374575			2018385287	2018216906	2021200639
2019316475	<u>B41M 5 /-</u>	2018337923			2021215116

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<u>C07D 403 /-</u>	2021360429	<u>C08L 29 /-</u>	2016346646 2017209742 2020420098	2020244389	<u>C25D 13 /-</u>
2021200421 2021200639 2021201784	<u>C07H 21 /-</u>	2018204799		<u>C12R 1 /-</u>	2019406113
	2017229608 2020260765	<u>C08L 3 /-</u>	<u>C12N 15 /-</u>	2016346646	<u>C25D 15 /-</u>
<u>C07D 405 /-</u>	<u>C07H 3 /-</u>	2017431602	2016219263 2016308591 2016321204 2016324669 2016335698 2016343991 2016346646 2017229608 2017245737 2017254652 2017270598 2019240974 2019243241 2019272190 2019274887 2019287727 2019288733 2020260765 2021204432	<u>C13B 20 /-</u>	2019406113
2018273411 2019236406 2021200639 2021204116	2017257494	<u>C08L 67 /-</u>		2018326393	<u>C25D 9 /-</u>
	<u>C07K 1 /-</u>	2017431602 2020372604		<u>C21B 13 /-</u>	2019406113
<u>C07D 407 /-</u>	2020206388	<u>C08L 75 /-</u>		2019342986 2020223504	<u>D02G 3 /-</u>
2020244490	<u>C07K 14 /-</u>	2018212997		<u>C21B 5 /-</u>	2017245894
	2016358101 2019243241 2019287727 2019288733 2019375375 2020206388 2020230248 2020244495 2020257113 2021204432 2021240294	<u>C09D 11 /-</u>		2020226229	<u>D05C 15 /-</u>
<u>C07D 409 /-</u>	<u>C07K 16 /-</u>	<u>C09D 4 /-</u>		<u>C21D 1 /-</u>	2020298041
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(This list may contain multiple listings of a patent where there are multiple patentees for that patent.)

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 (21) 2021106138 (22) 20.08.2021
 (54) Dipper handle
 (51) Int. Cl.
 <i>E02F 3/38</i> (2006.01)
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 (31) 17/406,533 (32) 19.08.21 (33) US
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 (72) Thomas, Adam J.; Haws, Michael W.;
 Kinjarapu, Aruna; Zaharia, Cristian;
 Korchagin, Vladimir Anatolevich
 (74) FPA Patent Attorneys Pty Ltd</p> | <p>(71) S Bell Training Pty Limited
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 (51) Int. Cl.
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 (31) 2021902316 (32) 28.07.21 (33) AU
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 (72) Turner, Kieran
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 (21) 2022100103 (22) 05.08.2022
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 (51) Int. Cl.
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 (62) 2018256501
 (72) HAWTHORNE, Sydney
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 MARK ATTORNEYS PTY LTD</p> | <p>(71) Tung Hing Plastic Manufactory Limited
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 (74) Golja Haines & Friend</p> |
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| <p>(71) HPS Tech Pty Ltd
 (11) AU-B-2022100098
 (21) 2022100098 (22) 22.07.2022
 (54) Processing protein
 (51) Int. Cl.
 <i>B01D 61/14</i> (2006.01)
 <i>A23C 9/142</i> (2006.01)
 <i>A23J 1/20</i> (2006.01)
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 (45) 01.12.2022
 (62) 2021258062
 (72) MEAD, Damien Geoffrey; KELLY, Mark
 John; TALBOT-WALSH, Grace Louise;
 KAUTER, Michael Desmond
 (74) BRM Patent Attorneys Pty Ltd</p> | |
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| <p>(71) Orica International Pte Ltd
 (11) AU-B-2022100135
 (21) 2022100135 (22) 26.09.2022
 (54) A wireless initiation device
 (51) Int. Cl.
 <i>F42D 1/045</i> (2006.01)
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 (45) 01.12.2022
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 (72) Hummel, Dirk; Wicks, Byron; Boos,
 Thomas
 (74) Davies Collison Cave Pty Ltd</p> | |
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2022100135

Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Lodged

2016307234 **Limagrain Europe** (Nuseed Pty Ltd. and Nord-deutsche Pflanzenzucht Hans-Georg Lembke KG)

Opposition Withdrawn

2016269555 **The NOCO Company** (Brown & Watson International Pty Ltd)

2020201222 **The NOCO Company** (Brown & Watson International Pty Ltd)

2021258059 **The NOCO Company** (Brown & Watson International Pty Ltd)

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2020256459	2020257123	2020260541	2020264312
2020264383	2020281053	2020281106	2020281148
2020283377	2020284514	2020286215	2020286245
2020286324	2020294204	2020294342	2020294362
2020295628	2020303728	2020313911	2020321911
2020404858	2021200286	2021200314	2021200315
2021200345	2021200450	2021200701	2021200944
2021200969	2021201025	2021201112	2021201241
2021201386	2021201511	2021201522	2021201557
2021201570	2021201672	2021201921	2021202111
2021202354	2021202514	2021202715	2021202891
2021203216	2021203941	2021203955	2021203976
2021204178	2021204507	2021204725	2021206901
2021207594	2021212103	2021212122	2021215138
2021218078	2021221404	2021232688	2021232764
2021250994	2021346301	2021363109	2022201561
2022202221	2022202490		

Innovation Patents

2022100153	2022100154	2022100155	2022100156
2022100157	2022100158	2022100161	2022100164

Revocation

It is hereby notified that the offer by the Patentee **MARICI Holdings The Netherlands B.V.** to surrender Patent 2017206161 which was advertised in the Official Journal of 06.10.2022 has been accepted and the Patent has been revoked in accordance with Section 137 of the Patents Act.

Assignments Registered

2006250778 Drechsel, Arno The patent has been assigned to **KO-MET AUSTRIA GmbH**

2006281992 UNO TECHNOLOGY PTY LTD The patent has been assigned to **KC8 CAPTURE TECHNOLOGIES LTD**

2008251025 UNO TECHNOLOGY PTY LTD The patent has been assigned to **KC8 CAPTURE TECHNOLOGIES LTD**

2009203941 Trustees of Dartmouth College; Reata Pharmaceuticals, Inc. The patent has been assigned to **Trustees of Dartmouth College; Reata Pharmaceuticals Holdings, LLC**

Assignments Registered

2009286254 Kongsberg Seatex As The patent has been assigned to **KONGSBERG MARITIME AS**

2011215669 Alexander Vuckovic, M.D., LLC The patent has been assigned to **HedoniaUSA, Inc.**

2011242411 UNO TECHNOLOGY PTY LTD The patent has been assigned to **KC8 CAPTURE TECHNOLOGIES LTD**

2011261169 UNO TECHNOLOGY PTY LTD The patent has been assigned to **KC8 CAPTURE TECHNOLOGIES LTD**

2015255814 BioTrace Medical, Inc. The patent has been assigned to **MERIT MEDICAL SYSTEMS, INC.**

2016272114 Japan Eco-Science Co., Ltd. The patent has been assigned to **Japan Eco-Science Co., Ltd.; NATIONAL UNIVERSITY CORPORATION CHIBA UNIVERSITY; Keiyo Gas Energy Solution Co.Ltd.; Miroku Co., Ltd.**

2016407635 Griffith University The patent has been assigned to **Paradigm BioPharmaceuticals Ltd**

2017290406 DEHN SE + Co KG The patent has been assigned to **DEHN SE**

2017397463 Alexander Vuckovic, M.D., LLC The patent has been assigned to **HedoniaUSA, Inc.**

2018271347 BioTrace Medical, Inc. The patent has been assigned to **Merit Medical Systems, Inc.**

2018399890 DEHN SE + Co KG The patent has been assigned to **DEHN SE**

2018416430 DEHN SE + Co KG The patent has been assigned to **DEHN SE**

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Filed

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

2020200767 **The Trustees of the University of Pennsylvania**

The earliest first regulatory approval date provided by the patentee 19 Dec 2018

For the goods KYMRIA H Tisagenlecleucel

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.

2006283105 **Recordati AG**

The earliest first regulatory approval date provided by the patentee 12 May 2022

For the goods ISTURISA osilodrostat

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

2015287336 **Recordati AG**

The earliest first regulatory approval date provided by the patentee 12 May 2022

For the goods ISTURISA osilodrostat

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Accepted

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

2020201002 **Novartis AG**

The earliest first regulatory approval date provided by the patentee 16 Jan 2020

For the goods BEOVU brolocizumab

Address for service : Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

Corrigenda

In Vol 36 , No 38 , Page(s) 5274 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name 9371-8377 Quebec Inc., Application No. 2021227731, under INID (71) correct the applicant name to 9371-0184 Quebec Inc.

In Vol 36 , No 45 , Page(s) 6185 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Bayer Aktiengesellschaft, Application No. 2021256654, under INID (72) correct the co-inventor to KLÜKEN, Agostinos Michael

In Vol 36 , No 45 , Page(s) 6211 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Sumitomo Dainippon Pharma Co., Ltd., Application No. 2021239631, under INID (71) correct the applicant name to Sumitomo Pharma Co., Ltd.

In Vol 36 , No 47 , Page(s) 6404 under the heading **Amendments - Application for Amendments** Under the name Arla Foods amba, Patent Application No. 2015344999, correct the date of the statements to read 8 Sep 2022 and 11 Oct 2022

In Vol 36 , No 47 , Page(s) 6448 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name MedStar Health, Inc., Application No. 2021265849, under INID (72) correct the co-inventor to FISHBEIN, Thomas M.

Specifications Republished

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

2016297018 **Takeda Pharmaceutical Company Limited**
 2018341697 **BNSF Railway Company**
 2020392315 **Eyesafe Inc.**