



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

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General Information

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

Editorial enquiries

Contact information

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Professional Standards Board

Sales

Requests for Information under Section 194 (c)

Country Codes

Trade Mark and Designs Hearing Sessions

INID (Internationally agreed Numbers for the Identification of Data)

GUIDE TO THE USE OF THIS JOURNAL

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

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

(i) FILING -

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

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

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

(iii) ACCEPTANCE –

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

(iv) OPPOSITION –

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

(v) GRANTING –

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

(vi) CERTIFICATION

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

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

How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

How Australian Patent Documents are Numbered

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

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

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

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

See Examples:

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

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

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 11 Oct 2022 .

ANDERSON, B. see MARTIN, R. (21) 2022903020	(71) Brown & Watson International Pty Ltd (21) 2022903005 (22) 13.10.2022 (54) VEHICLE DRIVING LIGHT WITH INTERNAL VOLTAGE SENSOR RECEIVING HI-BEAM SIGNAL	(71) Envision Sciences Pty Ltd (21) 2022902999 (22) 13.10.2022 (54) METHODS FOR DETECTING OVARIAN CANCER
(71) ANTEO ENERGY TECHNOLOGY PTY LIMITED (21) 2022903025 (22) 14.10.2022 (54) Curable binder formulation	(71) Calix Ltd (21) 2022903022 (22) 14.10.2022 (54) PROCESSES AND METHODS FOR PRODUCTION OF IRON AND STEEL	(71) Flame Security International Pty Ltd (21) 2022902974 (22) 11.10.2022 (54) Paint Composition
(71) Archer Materials Limited (21) 2022903045 (22) 17.10.2022 (54) NANOFABRICATION OF ELECTRONIC DEVICE COMPONENTS	(71) Commonwealth Scientific and Industrial Research Organisation; Maxwell MRI Pty. Ltd. (21) 2022902976 (22) 11.10.2022 (54) Saliency maps for classification of images	(71) FRANKIE4 IP 1 Pty Ltd (21) 2022903047 (22) 17.10.2022 (54) FOREFOOT AND ARCH CUSHION
Astuta Consulting Ltd see NewSouth Innovations Pty Ltd (21) 2022903023	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2022903043 (22) 17.10.2022 (54) Point cloud processing	(71) Frostbyte Australia (21) 2022903038 (22) 17.10.2022 (54) can cooler that holds multiple sized cans and bottles
(71) AVID Property Group Pty Ltd (21) 2022903011 (22) 13.10.2022 (54) RELOCATABLE STRUCTURE	DAVENPORT, C. see RAKONJAC, J. (21) 2022903032	(71) Genetic Technologies Limited (21) 2022903017 (22) 14.10.2022 (54) Methods of assessing risk of developing melanoma
(71) Barrett, P. (21) 2022902991 (22) 12.10.2022 (54) A Clip	(71) DuluxGroup (Australia) Pty Ltd (21) 2022902993 (22) 12.10.2022 (54) AQUEOUS COATING COMPOSITION	(71) GMD Solutions Pty Ltd (21) 2022903013 (22) 14.10.2022 (54) A Pipe Coupling
BISSET, S. see RAKONJAC, J. (21) 2022903032	(71) du Plooy, S. (21) 2022902978 (22) 11.10.2022 (54) Suctioning Barrier For Food Use And Physical Development	GONZALEZ-MIRO, M. see RAKONJAC, J. (21) 2022903032
BOYD, B. see MARTIN, R. (21) 2022903020	(71) Emyria (21) 2022902979 (22) 11.10.2022 (54) Cannabinoid Dosage Form	(71) Gricon Industries Pty Ltd (21) 2022902972 (22) 11.10.2022 (54) CONVEYOR BELT SCRAPER
(71) Brooks, T. (21) 2022903014 (22) 14.10.2022 (54) Production of urea via continuous fermentation		(71) GroundProbe Pty Ltd (21) 2022903001 (22) 13.10.2022 (54) Slope movement classification and failure warning system

Provisional Applications Filed - Name Index cont'd

(71) Haberle, G.
(21) 2022903031 (22) 17.10.2022
(54) SMART FASTENING DEVICE

Hsi, S. see Surman, P.
(21) 2022903010

(71) HyperOne Services Pty Ltd
(21) 2022902990 (22) 12.10.2022
(54) Improved optical communication networks

(71) IGO Limited
(21) 2022903049 (22) 17.10.2022
(54) Method for Preparing High-purity Mixed Nickel and Cobalt Sulphate

(71) Illinois Tool Works Inc.
(21) 2022903036 (22) 17.10.2022
(54) ROOFING FASTENER

(71) INTEGRITY ENGINEERING SOLUTIONS PTY LTD
(21) 2022903029 (22) 16.10.2022
(54) SENSING MOISTURE OR CORROSION

(71) Iuliano, S.; Perry, V.
(21) 2022903018 (22) 14.10.2022
(54) A TILE OR PAVER SPACER AND LEVELLING ASSEMBLY

(71) Jack, S.
(21) 2022903037 (22) 17.10.2022
(54) Self cleaning self sharpening safety razor

(71) Kahler, A.
(21) 2022903033 (22) 17.10.2022
(54) SYSTEM AND METHOD OF DETERMINING UNUSUAL OR EMERGENCY OCCURRENCES WITHIN A LIVE-STOCK PROPERTY

(71) KELLAND ENVIRONMENTAL TECHNOLOGY PTY LTD
(21) 2022903035 (22) 17.10.2022
(54) A Process for Recycling used Absorbent Hygiene Products, and a Process for Manufacturing Products from the Recycled Material.

KHANUM, S. see RAKONJAC, J.
(21) 2022903032

(71) Kolodziejczyk, B.
(21) 2022902996 (22) 12.10.2022
(54) Use of a common shaft multistage turbine and associated method of energy generation

(71) Kourloufas, S.
(21) 2022902981 (22) 11.10.2022
(54) A system and data structure for candidate attribute matching

(71) KS Paterson Nominees Pty Ltd
(21) 2022902971 (22) 10.10.2022
(54) Agricultural Tillage Implement and Assemblies

LOBACHEVSKY, P. see MARTIN, R.
(21) 2022903020

(71) lowenstein, R.
(21) 2022903042 (22) 17.10.2022
(54) COGBLOGSEO (Cog the Blog SEO) will be a digital platform where Individual and enterprise will obtain rewards in a FIAT or Crypto currency for contributing towards marketing services. This will be directly linked within cryptocurrency into web3, metaverse and NFT's within DEFI applications.

(71) Macarise Services Pty Ltd
(21) 2022903019 (22) 14.10.2022
(54) Polycarbonate beam protector

MARCUCCIO, S.M. see MARTIN, R.
(21) 2022903020

(71) MARTIN, R.; LOBACHEVSKY, P.; WHITE, J.; SKENE, C.; MARCUCCIO, S.M.; BOYD, B.; ANDERSON, B.
(21) 2022903020 (22) 14.10.2022
(54) DNA-BINDING ANTIOXIDANTS

(71) Mason, B.; Purcell, K.
(21) 2022903006 (22) 13.10.2022
(54) A hay net filling aid

Maxwell MRI Pty. Ltd. see Commonwealth Scientific and Industrial Research Organisation
(21) 2022902976

(71) Mech Engineering Services Pty Ltd
(21) 2022903026 (22) 14.10.2022
(54) A Filter System and a Filter for use with same

(71) Meisenhelter, S.
(21) 2022902987 (22) 12.10.2022
(54) A BEAUTY CASE

(71) Mesoblast International Sarl
(21) 2022902994 (22) 12.10.2022
(54) Method for treating viral infection with mesenchymal lineage precursor or stem cells

(71) Monash University
(21) 2022903007 (22) 13.10.2022
(54) Pyrolysis of biomass

(71) Monash University
(21) 2022903021 (22) 14.10.2022
(54) Fluid Drainage Cannula

(71) MuPharma Pty Ltd
(21) 2022903048 (22) 17.10.2022
(54) Non-invasive methods for creating antigen-specific immune tolerance

(71) NEIGHBOURS, G.
(21) 2022903046 (22) 17.10.2022
(54) SELF CLIMBING JUMP FORM FOR HIGH RISE STRUCTURES

(71) NewSouth Innovations Pty Ltd; Astuta Consulting Ltd
(21) 2022903023 (22) 14.10.2022
(54) Bifacial PERC solar cells and methods for the production thereof

(71) NonTox Pty Ltd
(21) 2022902988 (22) 12.10.2022
(54) Herbicide composition

(71) Overwatch IP Pty Ltd
(21) 2022902997 (22) 12.10.2022
(54) MONITORING SYSTEM

(71) Perri, A.
(21) 2022903004 (22) 13.10.2022
(54) A Method and Receptacle for Storing a Shoelace

Perry, V. see Iuliano, S.
(21) 2022903018

(71) Pharmorage Pty Limited
(21) 2022902992 (22) 12.10.2022
(54) Modified oligonucleotides

(71) Pioli, J.
(21) 2022902984 (22) 12.10.2022
(54) Method & System for the Installation & Retaining of Underground Ventilation Tubes

Provisional Applications Filed - Name Index cont'd

(71) Plotlogic Pty Ltd
(21) 2022902975 (22) 11.10.2022
(54) Continuum estimation tool for mining of geological structures

(71) Predico Software Pty Ltd
(21) 2022903009 (22) 13.10.2022
(54) WELL MODELLING

(71) Pring, G.
(21) 2022902998 (22) 12.10.2022
(54) Improvements in or in relation to internal partitions in buildings

(71) Prospectors IP Holdings Pty Ltd
(21) 2022903015 (22) 14.10.2022
(54) Core Tray (Convex Protrusions in Channels)

Purcell, K. see Mason, B.
(21) 2022903006

(71) PYC Therapeutics Limited
(21) 2022903040 (22) 17.10.2022
(54) Compositions and methods for treatment of a monogenic neurodevelopmental disorders 4

(71) Quabba, C.
(21) 2022902970 (22) 10.10.2022
(54) REMOVEABLE VEHICLE SHELF APPARATUS

QUEZADA, R. see RAKONJAC, J.
(21) 2022903032

RAJIC, M. see RAKONJAC, J.
(21) 2022903032

(71) RAKONJAC, J.; QUEZADA, R.; DAVENPORT, C.; VAN HUNG LE, V.; KHANUM, S.; ZHOU, J.; GONZALEZ-MIRO, M.; BISSET, S.; RAJIC, M.
(21) 2022903032 (22) 17.10.2022
(54) PRODUCTION OF BIOLOGICAL SCALABLE NANORODS

(71) Rich-Usher, E.
(21) 2022903008 (22) 13.10.2022
(54) Trifold

(71) Santangelo, S.
(21) 2022903044 (22) 17.10.2022
(54) APPARATUS FOR IMPROVING GRIP STRENGTH

(71) Scolaro, A.
(21) 2022902985 (22) 12.10.2022
(54) A CLEAN ENERGY DRIVE

(71) Scott Airway Management Pty Ltd.
(21) 2022903000 (22) 13.10.2022
(54) SAM Colonoscopy Shield with a port version

(71) Sharp Initiatives Pty Ltd
(21) 2022903024 (22) 14.10.2022
(54) New Process used on multi-storey development projects for town-planning Applicants to install cladding that reduces CO2 emissions in exchange for being granted at least one additional storey per project for such developments by the relevant Authorities.

Shi, Z. see Surman, P.
(21) 2022903010

SKENE, C. see MARTIN, R.
(21) 2022903020

(71) Smith, R.
(21) 2022903027 (22) 14.10.2022
(54) OSCILLATING PIVOTED LEVER FOR A HUMAN POWERED MACHINE

(71) St. Vincent's Hospital Sydney Limited
(21) 2022902995 (22) 12.10.2022
(54) Heart pump outflow conduit

(71) Surman, P.; Shi, Z.; Hsi, S.
(21) 2022903010 (22) 13.10.2022
(54) PHARMACEUTICAL COMPOSITIONS AND METHODS

(71) Technological Resources Pty. Limited
(21) 2022902980 (22) 11.10.2022
(54) METHOD FOR IMPROVED DRILLING AND BLASTING IN OPEN CUT MINES

(71) Telix International Pty Ltd
(21) 2022902973 (22) 11.10.2022
(54) Combination therapy (2)

(71) The University of Adelaide; University of South Australia
(21) 2022902977 (22) 11.10.2022
(54) METHOD AND COMPOSITION FOR NOVEL CANCER IMMUNOTHERAPY

(71) The University of Melbourne
(21) 2022902982 (22) 12.10.2022
(54) BIOMARKER FOR DIAGNOSIS, PROGNOSIS, ASSESSMENT AND THERAPY STRATIFICATION

(71) THE UNIVERSITY OF MELBOURNE
(21) 2022903016 (22) 14.10.2022
(54) METHOD OF SYNTHESIS OF PARTICLES DISPLAYING INSULATOR-TO-METAL TRANSITION

(71) The Walter and Eliza Hall Institute of Medical Research
(21) 2022903034 (22) 17.10.2022
(54) Cell therapy

University of South Australia see The University of Adelaide
(21) 2022902977

VAN HUNG LE, V. see RAKONJAC, J.
(21) 2022903032

(71) Vyom Tech Pty Ltd
(21) 2022903030 (22) 16.10.2022
(54) Protective Suit

(71) Weir Minerals Australia Ltd
(21) 2022902986 (22) 12.10.2022
(54) Centrifuge separator apparatus

(71) Weir Minerals Australia Ltd
(21) 2022902989 (22) 12.10.2022
(54) Centrifuge separator apparatus with adjustable inlet assembly

WHITE, J. see MARTIN, R.
(21) 2022903020

(71) WIREMAN PTY LIMITED
(21) 2022902983 (22) 12.10.2022
(54) A Tension Board for Fences

(71) Xero Limited
(21) 2022903012 (22) 14.10.2022
(54) Systems, methods and computer-readable media for migrating data

(71) Xero Limited
(21) 2022903039 (22) 17.10.2022
(54) Methods and systems for predicting cash flow

(71) Xero Limited
(21) 2022903041 (22) 17.10.2022
(54) Methods and systems for generating synthetic data

ZHOU, J. see RAKONJAC, J.
(21) 2022903032

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Applications listed below were processed through the Patent Office Canberra during the period ending 11 Oct 2022 .

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

<p>(71) Abbott Diabetes Care Inc. (21) 2022252770 (22) 13.10.2022 (54) Temperature-insensitive membrane materials and analyte sensors containing the same (62) 2019284481</p>	<p>cular and infertility diseases or conditions (62) 2017208953</p> <hr/> <p>(71) ANDISON, T. (21) 2022246387 (22) 04.10.2022 (54) Location-based Collection and Transport of Recyclable or Reusable Items (62) 2020257067</p> <hr/> <p>(71) ANTSY LABS, LLC (21) 2022246425 (22) 06.10.2022 (54) HANDHELD TOUCH OBJECT (62) 2017203830</p> <hr/> <p>(71) AP&C Advanced Powders & Coatings Inc. (21) 2022241620 (22) 30.09.2022 (54) METAL POWDER ATOMIZATION MANUFACTURING PROCESSES (62) 2016344809</p> <hr/> <p>(71) AppViewX Inc. (21) 2022246455 (22) 07.10.2022 (54) A CLOUD CONNECTOR SYSTEM FOR ESTABLISHING A SECURE CONNECTION BETWEEN CLOUD SERVER AND A TENANT (31) 63/253,460 (32) 07.10.21 (33) US</p> <hr/> <p>(71) Aptose Biosciences Inc.; CrystalGenomics, Inc. (21) 2022252696 (22) 10.10.2022 (54) Methods for treating patients with hematologic malignancies (62) 2018225539</p> <hr/> <p>(71) APT R&D PTY LTD (21) 2022246432 (22) 06.10.2022 (54) SYSTEM AND METHOD FOR DISPLAY OF EVENT INFORMATION (31) 2021903198 (32) 06.10.21 (33) AU</p> <hr/> <p>(71) Aristocrat Technologies, Inc. (21) 2022246390 (22) 05.10.2022 (54) Electronic Gaming Machine with Symbols Streaming Adjacent an Active Reel Matrix with Reel Expansion and Symbol Absorption Processes (31) 17/957,129 (32) 30.09.22 (33) US 63/252,369 05.10.21 US</p>	<p>(71) Aristocrat Technologies Australia Pty Limited (21) 2022246427 (22) 06.10.2022 (54) AN ELECTRONIC METHOD OF GAMING, A GAME CONTROLLER AND A GAMING SYSTEM (62) 2020213284</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2022246459 (22) 07.10.2022 (54) GAMING MACHINES, METHODS OF GAMING AND GAMING SYSTEMS (62) 2020233779</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2022252712 (22) 11.10.2022 (54) METHOD AND SYSTEM FOR DISPLAY ASSEMBLY HINGING (62) 2020244604</p> <hr/> <p>(71) Arthromeda, Inc. (21) 2022246410 (22) 05.10.2022 (54) Patient-specific prosthesis alignment (62) 2017264879</p> <hr/> <p>(71) Asia Pacific Chemical Trading Pty Ltd (21) 2022241627 (22) 01.10.2022 (54) High Concentration Vitamin D Fortified Yogurt and Plant-based Yogurt Alternative Products</p> <hr/> <p>(71) Astellas Pharma, Inc.; TRON-Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH (21) 2022246477 (22) 07.10.2022 (54) Therapy involving antibodies against claudin 18.2 for treatment of cancer (62) 2020210165</p> <hr/> <p>(71) Avery Dennison Corporation (21) 2022246437 (22) 06.10.2022 (54) Labeling of polymeric containers (62) 2016370934</p> <hr/> <p>(71) Azora Therapeutics, Inc. (21) 2022246403 (22) 05.10.2022 (54) TOPICAL COMPOSITIONS AND METHODS FOR TREATING INFLAMMATORY SKIN DISEASES (62) 2020258452</p>
<p>(71) Acuitas Therapeutics Inc.; CureVac AG (21) 2022235588 (22) 21.09.2022 (54) Lipid nanoparticle mRNA vaccines (62) 2017350488</p> <hr/> <p>(71) Acutus Medical, Inc. (21) 2022241612 (22) 30.09.2022 (54) Cardiac mapping system with efficiency algorithm (62) 2017260453</p> <hr/> <p>(71) AFINITI, LTD. (21) 2022252758 (22) 12.10.2022 (54) TECHNIQUES FOR BEHAVIORAL PAIRING IN A CONTACT CENTER SYSTEM (62) 2020227104</p> <hr/> <p>(71) AgroFresh Inc. (21) 2022252807 (22) 14.10.2022 (54) Methods and device for co-treatment of crop protection chemicals with plant growth regulators (62) 2017363614</p> <hr/> <p>(71) AltioStar Networks, Inc. (21) 2022246449 (22) 07.10.2022 (54) MULTI-SITE MIMO COMMUNICATIONS SYSTEM WITH HYBRID BEAMFORMING IN L1-SPLIT ARCHITECTURE (62) 2018215660</p> <hr/> <p>(71) AltioStar Networks, Inc. (21) 2022252775 (22) 13.10.2022 (54) MULTI-TECHNOLOGY AGGREGATION ARCHITECTURE FOR LONG TERM EVOLUTION COMMUNICATIONS SYSTEMS (62) 2018215661</p> <hr/> <p>(71) Amorphical Ltd. (21) 2022252805 (22) 14.10.2022 (54) Stabilized amorphous calcium carbonate for treatment of neurological, mus-</p>		

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<p>(71) BackBeat Medical, LLC (21) 2022246435 (22) 06.10.2022 (54) Methods and systems for controlling blood pressure (62) 2017252310</p>	<p>(71) BiSN Tec Ltd (21) 2022252773 (22) 13.10.2022 (54) DOWN-HOLE CHEMICAL HEATER AND METHODS OF OPERATING SUCH (62) 2017270919</p>	<p>(54) LVT formulation and drum surface for achieving improved drum tack while maintaining good cut smoothness (62) 2016357731</p>
<p>(71) BASF Agro B.V. (21) 2022241619 (22) 30.09.2022 (54) Plants having increased tolerance to herbicides (62) 2020256452</p>	<p>(71) BNSF Railway Company (21) 2022246421 (22) 06.10.2022 (54) RAILROAD VIRTUAL TRACK BLOCK SYSTEM (62) 2018261733</p>	<p>(71) Breville Pty Limited (21) 2022246451 (22) 07.10.2022 (54) Coffee maker (62) 2020233684</p>
<p>(71) Becton, Dickinson and Company (21) 2022241611 (22) 30.09.2022 (54) Multi-use blood control safety catheter assembly (62) 2021200944</p>	<p>(71) BNSF Railway Company (21) 2022246422 (22) 06.10.2022 (54) RAILROAD VIRTUAL TRACK BLOCK SYSTEM (62) 2018261733</p>	<p>(71) Brilliant Light Power, Inc. (21) 2022252751 (22) 12.10.2022 (54) Thermophotovoltaic electrical power generator (62) 2017210155</p>
<p>(71) Becton, Dickinson and Company (21) 2022246402 (22) 05.10.2022 (54) Multiple use disposable injection pen (62) 2021201675</p>	<p>(71) BNSF Railway Company (21) 2022246423 (22) 06.10.2022 (54) RAILROAD VIRTUAL TRACK BLOCK SYSTEM (62) 2018261733</p>	<p>(71) Canon Kabushiki Kaisha (21) 2022252783 (22) 13.10.2022 (54) Method, apparatus and system for encoding and decoding a tensor</p>
<p>(71) Becton, Dickinson and Company (21) 2022252740 (22) 12.10.2022 (54) Catheter with an asymmetric tip (62) 2016425830</p>	<p>(71) BNSF Railway Company (21) 2022246424 (22) 06.10.2022 (54) RAILROAD VIRTUAL TRACK BLOCK SYSTEM (62) 2018261733</p>	<p>(71) Canon Kabushiki Kaisha (21) 2022252784 (22) 13.10.2022 (54) Method, apparatus and system for encoding and decoding a tensor</p>
<p>(71) Becton, Dickinson and Company (21) 2022252747 (22) 12.10.2022 (54) Modular assay reader device (62) 2017279995</p>	<p>(71) Boehringer Ingelheim International GmbH (21) 2022246392 (22) 05.10.2022 (54) Pharmaceutical composition comprising empagliflozin and uses thereof (62) 2017233889</p>	<p>(71) Canva Pty Ltd (21) 2022246408 (22) 05.10.2022 (54) Digital image processing systems, methods, and graphical user interfaces</p>
<p>(71) Beijing Tusen Zhitu Technology Co., Ltd. (21) 2022252806 (22) 14.10.2022 (54) Traffic marker detection method and training method for traffic marker detection model (31) 202111243057.0 (32) 25.10.21 (33) CN</p>	<p>(71) Boston Scientific Limited (21) 2022252752 (22) 12.10.2022 (54) Devices, systems, and methods for providing sealable access to a working channel (62) 2019372304</p>	<p>(71) CARBON TECHNOLOGY HOLDINGS, LLC (21) 2022246399 (22) 05.10.2022 (54) Biochar as a microbial carrier (62) 2016380990</p>
<p>(71) Bionime Corporation; Bionime USA Corporation (21) 2022252801 (22) 13.10.2022 (54) PHYSIOLOGICAL SIGNAL MONITORING DEVICE (62) 2020294357</p>	<p>(71) Boston Scientific Neuromodulation Corporation (21) 2022252719 (22) 11.10.2022 (54) Spinal cord stimulation system with stimulation modes to adapt customized stimulation parameters (62) 2019297328</p>	<p>(71) CATERPILLAR INC. (21) 2022246396 (22) 05.10.2022 (54) HYDRAULIC SYSTEMS FOR GRADING MACHINES (31) 17/509,978 (32) 25.10.21 (33) US</p>
<p>Bionime USA Corporation see Bionime Corporation (21) 2022252801</p>	<p>(71) Boston Scientific Scimed, Inc. (21) 2022252722 (22) 11.10.2022 (54) Pump assembly for a penile prosthesis having an outer protective casing (62) 2019380408</p>	<p>(71) CATERPILLAR PAVING PRODUCTS INC. (21) 2022252779 (22) 13.10.2022 (54) MOLDBOARD WITH A SCRAPING TOOL FOR A MILLING MACHINE (31) 17/516,088 (32) 01.11.21 (33) US</p>
<p>(71) Bioverativ Therapeutics Inc. (21) 2022252703 (22) 10.10.2022 (54) Factor VIII complex with XTEN and von Willebrand factor protein, and uses thereof (62) 2020264355</p>	<p>(71) Braeside Mills Operations Pty Ltd (21) 2022252748 (22) 12.10.2022</p>	<p>(71) Celgene Corporation (21) 2022246470 (22) 07.10.2022 (54) Antiproliferative compounds, and their pharmaceutical compositions and uses (62) 2021202875</p>

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(71) Cella Therapeutics, LLC
 (21) 2022247731 (22) 10.10.2022
 (54) Drug delivery systems comprising a neurotrophic agent, an apoptosis signaling fragment inhibitor (FAS) or FAS ligand (FASL) inhibitor, a tumor necrosis factor-alpha (TNF-alpha) or TNF receptor inhibitor, a mitochondrial peptide, an oligonucleotide, a chemokine inhibitor, or a cysteine-aspartic protease
 (62) 2019290582

(71) CHASE PHARMACEUTICALS CORPORATION
 (21) 2022246374 (22) 04.10.2022
 (54) Method and composition for treating Alzheimer-type dementia
 (62) 2020203741

(71) CHEP Technology Pty Limited
 (21) 2022246452 (22) 07.10.2022
 (54) Dolly
 (62) 2017211703

(71) Chevron U.S.A. Inc.
 (21) 2022246395 (22) 05.10.2022
 (54) Systems and methods utilizing glycol for hydrate prevention with glycol regeneration by variable concentration control
 (62) 2021202289

(71) Chris Mine Technical Service & Trade Company; Yu, J.; Li, D.
 (21) 2022252729 (22) 11.10.2022
 (54) OPEN PIT MINING METHOD FOR PLATEAU TERRAIN RESOURCE

(71) Chrysos Corporation Limited
 (21) 2022246426 (22) 06.10.2022
 (54) Accelerator system for mineral component analysis, system and method for mineral component analysis
 (62) 2020257130

Cibus Europe B.V. see Cibus US LLC
 (21) 2022252715

(71) Cibus US LLC; Cibus Europe B.V.
 (21) 2022252715 (22) 11.10.2022
 (54) Mutated protoporphyrinogen IX oxidase (PPX) genes
 (62) 2020200672

(71) CMR Surgical Limited
 (21) 2022252697 (22) 10.10.2022
 (54) Methods and systems for providing assistance to a user of a surgical robot system
 (62) 2019351926

(71) CNH Industrial America LLC
 (21) 2022252787 (22) 13.10.2022
 (54) System and method for performing spraying operations with an agricultural applicator
 (31) 17/501,509 (32) 14.10.21 (33) US

(71) Colgate-Palmolive Company
 (21) 2022252745 (22) 12.10.2022
 (54) Fluid dispensing oral care implement
 (62) 2019378614

(71) Commonwealth Scientific and Industrial Research Organisation
 (21) 2022241621 (22) 30.09.2022
 (54) Secure Learning System

(71) Commonwealth Scientific and Industrial Research Organisation
 (21) 2022252709 (22) 11.10.2022
 (54) Multiple step edge fabrication
 (62) 2020257148

(71) ConMed Corporation
 (21) 2022246474 (22) 07.10.2022
 (54) Surgical suction device that uses positive pressure gas
 (62) 2020202044

(71) Coulter Ventures LLC
 (21) 2022246383 (22) 04.10.2022
 (54) Adjustable carriage assembly for pivotable arm for weight rack
 (62) 2019231690

(71) Crown Equipment Corporation
 (21) 2022252727 (22) 11.10.2022
 (54) User interface device for industrial vehicle
 (62) 2017363525

(71) Crown Equipment Corporation
 (21) 2022252786 (22) 13.10.2022
 (54) Traffic management for materials handling vehicles in a warehouse environment
 (62) 2018307660

(71) CROWN EQUIPMENT CORPORATION
 (21) 2022252693 (22) 10.10.2022
 (54) BATTERY GUIDE PINS FOR A BATTERY RECEIVING SPACE OF A MATERIALS HANDLING VEHICLE, AND MATERIALS HANDLING VEHICLES INCORPORATING THE SAME
 (31) PCT/ CN2021/125869 (32) 22.10.21 (33) CN
 PCT/ 30.03.22 CN
 CN2022/083944 17/814,585 25.07.22 US

CrystalGenomics, Inc. see Aptose Biosciences Inc.
 (21) 2022252696

(71) CSL Limited
 (21) 2022241636 (22) 04.10.2022
 (54) METHOD OF TREATING ATHEROSCLEROSIS
 (62) 2017247004

CureVac AG see Acuitas Therapeutics Inc.
 (21) 2022235588

(71) Cytrellis Biosystems, Inc.
 (21) 2022246469 (22) 07.10.2022
 (54) Rapid skin treatment using microcoring
 (62) 2017332262

(71) Decathlon
 (21) 2022252694 (22) 10.10.2022
 (54) Tent equipped with a deployable canopy
 (31) 2110967 (32) 15.10.21 (33) FR

(71) Deere & Company
 (21) 2022246430 (22) 06.10.2022
 (54) Non-transitory computer-readable media and devices for blade wear monitoring
 (31) 17/514,321 (32) 29.10.21 (33) US

(71) Deere & Company
 (21) 2022246443 (22) 07.10.2022
 (54) Crop constituents and agricultural harvester control
 (31) 17/556,121 (32) 20.12.21 (33) US

(71) Deere & Company
 (21) 2022252746 (22) 12.10.2022
 (54) Crop constituent sensing
 (31) 17/550,762 (32) 14.12.21 (33) US

(71) Deere & Company
 (21) 2022252767 (22) 13.10.2022
 (54) Air seeding turn compensation using yaw rate from sensor on towing vehicle
 (31) 17/523,448 (32) 10.11.21 (33) US

(71) Deere & Company
 (21) 2022252780 (22) 13.10.2022
 (54) A seeding row unit having a primary actuator to adjust depth and to raise and lower the seeding row unit
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(71) Deere & Company
 (21) 2022252781 (22) 13.10.2022
 (54) Methods and apparatus to generate calibration models in a cloud environment
 (31) 17/645,702 (32) 22.12.21 (33) US

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<p>(71) Deere & Company (21) 2022252782 (22) 13.10.2022 (54) Power shift transmission (31) 63/265,731 (32) 20.12.21 (33) US 17/647,541 10.01.22 US</p>	<p>(71) DUKE UNIVERSITY (21) 2022250572 (22) 10.10.2022 (54) RNA-guided gene editing and gene regulation (62) 2020203924</p>	<p>(71) Fellowship of Orthopaedic Researchers, Inc. (21) 2022246415 (22) 06.10.2022 (54) Magnetic intervertebral disc replacement devices and methods thereof (62) 2021201064</p>
<p>(71) Deere & Company (21) 2022252809 (22) 14.10.2022 (54) Agricultural machine with adjustable frame for variable row planting (31) 17/584,757 (32) 26.01.22 (33) US</p>	<p>(71) Elspec Engineering Ltd. (21) 2022252789 (22) 13.10.2022 (54) Electrical parameter monitoring (31) 17/503,265 (32) 16.10.21 (33) US</p>	<p>(71) FiberLean Technologies Limited (21) 2022252721 (22) 11.10.2022 (54) Paper and paperboard products (62) 2021201286</p>
<p>(71) Deere & Company (21) 2022252810 (22) 14.10.2022 (54) Equipment settings control based on aggregated data (31) 17/586,308 (32) 27.01.22 (33) US</p>	<p>(71) Energys Australia Pty Ltd (21) 2022246436 (22) 06.10.2022 (54) MODULAR ENERGY GENERATION UNIT</p>	<p>(71) FISHER & PAYKEL HEALTHCARE LIMITED (21) 2022245015 (22) 04.10.2022 (54) INTERFACE COMPRISING A NASAL SEALING PORTION (62) 2021202567</p>
<p>(71) Dexcom, Inc. (21) 2022246382 (22) 04.10.2022 (54) Systems and methods for providing sensitive and specific alarms (62) 2021201309</p>	<p>(71) Epizyme, Inc. (21) 2022242157 (22) 04.10.2022 (54) INHIBITORS OF HUMAN EZH2, AND METHODS OF USE THEREOF (62) 2020203245</p>	<p>(71) Flexopack S.A. (21) 2022244083 (22) 04.10.2022 (54) MULTILAYER MONOAXIALLY ORIENTED CROSSLINKED FILM AND PROCESS (31) 21200919.5 (32) 05.10.21 (33) EP</p>
<p>(71) Dexcom, Inc. (21) 2022246384 (22) 04.10.2022 (54) User interfaces for continuous glucose monitoring (62) 2020257103</p>	<p>(71) Epizyme, Inc. (21) 2022252736 (22) 12.10.2022 (54) INHIBITORS OF EZH2 AND METHODS OF USE THEREOF (62) 2016365739</p>	<p>(71) FruitSpec Ltd. (21) 2022252757 (22) 12.10.2022 (54) METHOD AND SYSTEM FOR CROP YIELD ESTIMATION (62) 2017360842</p>
<p>(71) DE' LONGHI APPLIANCES S.r.l. (21) 2022246386 (22) 04.10.2022 (54) DEVICE FOR EMULSIFYING AND/OR HEATING MILK (31) 102021000025424 (32) 04.10.21 (33) IT</p>	<p>(71) Epizyme, Inc. (21) 2022252738 (22) 12.10.2022 (54) COMBINATION THERAPY FOR TREATING CANCER (62) 2017211331</p>	<p>(71) Gilead Sciences, Inc. (21) 2022246450 (22) 07.10.2022 (54) Pyrrolo[1,2-b] pyridazine derivatives (62) 2019302732</p>
<p>Dibiase, J. see Rite-Hite Holding Corporation (21) 2022246428</p>	<p>(71) Evogene Ltd. (21) 2022246467 (22) 07.10.2022 (54) Isolated polynucleotides and polypeptides, and methods of using same for increasing plant yield and/or agricultural characteristics (62) 2020204520</p>	<p>(71) Gilead Sciences, Inc. (21) 2022252741 (22) 12.10.2022 (54) Pyrrolo[1,2-b]pyridazine derivatives as IRAK4 inhibitors (62) 2019321267</p>
<p>(71) Donaghys Limited (21) 2022252717 (22) 11.10.2022 (54) Stable veterinary anthelmintic formulations (62) 2020227063</p>	<p>(71) EXELIXIS, INC (21) 2022246429 (22) 06.10.2022 (54) PROCESSES FOR PREPARING QUINOLINE COMPOUNDS AND PHARMACEUTICAL COMPOSITIONS CONTAINING SUCH COMPOUNDS (62) 2020273307</p>	<p>(71) Gliknik Inc. (21) 2022252699 (22) 10.10.2022 (54) Manufacturing Optimization of GL-2045, a Multimerizing Stradomer (62) 2017371179</p>
<p>(71) Duke University (21) 2022246480 (22) 09.10.2022 (54) Lasofoxifene treatment of ER+ breast cancer (62) 2017360365</p>	<p>(71) Fasetto, Inc. (21) 2022252808 (22) 14.10.2022 (54) Systems and methods for message editing (62) 2021201393</p>	<p>(71) Google LLC (21) 2022246460 (22) 07.10.2022 (54) Hybrid Kinetic Inductance Devices for Superconducting Quantum Computing (62) 2021201519</p>
<p>(71) DUKE UNIVERSITY (21) 2022250450 (22) 10.10.2022 (54) RNA-guided gene editing and gene regulation (62) 2020203924</p>	<p>(71) Fasteners for Retail, Inc. (21) 2022246397 (22) 05.10.2022 (54) FLAT RACK WITH EXTENDER (31) 63/253,832 (32) 08.10.21 (33) US 17/954,863 28.09.22 US</p>	<p>(71) Google LLC (21) 2022252700 (22) 10.10.2022 (54) TRAINING QUANTUM EVOLUTIONS USING SUBLOGICAL CONTROLS (62) 2021203607</p>

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(71) Greatcell Energy Limited
(21) 2022246391 (22) 05.10.2022
(54) A SOLAR MODULE AND A METHOD OF FABRICATING A SOLAR MODULE
(62) 2017337293

(71) Grey, B.
(21) 2022241633 (22) 03.10.2022
(54) WALL MOUNTING METHOD AND ARRANGEMENT

(71) Grossman, P.
(21) 2022241628 (22) 02.10.2022
(54) SYSTEMS AND METHODS FOR A LOCKING CARABINER
(31) 17/584,402 (32) 26.01.22 (33) US

(71) GT SYSTEMS PTY LTD
(21) 2022246471 (22) 07.10.2022
(54) Media distribution and management system and apparatus
(62) 2020213277

(71) Hewlett-Packard Development Company, L.P.
(21) 2022241616 (22) 30.09.2022
(54) Integrated circuits including memory cells
(62) 2019428064

(71) Heye International GmbH
(21) 2022252698 (22) 10.10.2022
(54) Method for operating an IS machine for producing glass containers
(31) 10 2021 127 832.5 (32) 26.10.21 (33) DE

(71) HITIQ LIMITED
(21) 2022241625 (22) 01.10.2022
(54) PREDICTION OF HEAD IMPACT EVENT MECHANISM VIA INSTRUMENTED MOUTHGUARD DEVICES
(31) 2021903145 (32) 01.10.21 (33) AU

(71) Honda Motor Co., Ltd.
(21) 2022246466 (22) 07.10.2022
(54) Engine decompression device and engine
(62) 2018431113

(71) Hürlimann Railtec AG
(21) 2022246378 (22) 04.10.2022
(54) Device for discharging multi-component adhesives onto a granular mixture, discharging method, and use of the device
(62) 2017294925

(71) Huwais IP Holding LLC
(21) 2022252730 (22) 11.10.2022
(54) Autografting tool with enhanced flute profile and methods of use
(62) 2021202746

(71) HYDROFORCE WORLDWIDE PTY LTD
(21) 2022246385 (22) 04.10.2022
(54) PAVING DEVICE
(62) PCT/AU2020/000055

(71) Icahn School of Medicine at Mount Sinai
(21) 2022252695 (22) 10.10.2022
(54) SYSTEMS AND METHODS FOR TREATING A PSYCHIATRIC DISORDER
(62) 2020264332

(71) Illinois Tool Works Inc.
(21) 2022252725 (22) 11.10.2022
(54) Vehicle hard surface composition containing graphene
(31) 63/255,073 (32) 13.10.21 (33) US

(71) Illumina, Inc.
(21) 2022252718 (22) 11.10.2022
(54) Bioinformatics systems, apparatus, and methods for performing secondary and/or tertiary processing
(62) 2017277636

(71) Industrie Borla S.p.A.
(21) 2022246482 (22) 10.10.2022
(54) ROLLER CLAMP
(31) 102021000027221 (32) 22.10.21 (33) IT

(71) Innovative Building Technologies, LLC
(21) 2022246377 (22) 04.10.2022
(54) Manufactured interior finish system
(62) 2019381637

(71) Inovio Pharmaceuticals, Inc.
(21) 2022246462 (22) 07.10.2022
(54) A minimally invasive dermal electroporation device
(62) 2021200414

(71) iOmniscient Pty Ltd
(21) 2022246412 (22) 05.10.2022
(54) A METHOD AND APPARATUS FOR CONDUCTING SURVEILLANCE
(62) 2017222701

(71) Itron, Inc.
(21) 2022246380 (22) 04.10.2022
(54) Efficient collaboration between meters under the same transformer
(31) 17/553,442 (32) 16.12.21 (33) US

(71) Janssen Pharmaceutica NV
(21) 2022246400 (22) 05.10.2022
(54) Combinations comprising positive allosteric modulators or orthosteric agonists of metabotropic glutamatergic receptor subtype 2 and their use
(62) 2021200512

(71) Jeneil Biotech, Inc.
(21) 2022246468 (22) 07.10.2022
(54) RESTRUCTURED NATURAL PROTEIN MATRICES
(62) 2020244523

(71) Jesari, M.
(21) 2022246441 (22) 06.10.2022
(54) CHARCOAL BARBECUE
(31) 102021000026540 (32) 15.10.21 (33) IT

(71) JIANGSU OCEAN UNIVERSITY
(21) 2022252760 (22) 12.10.2022
(54) METHOD FOR PREPARING NOCTILUCA SCINTILLANS FLUORESCENT ECOLOGICAL BOTTLE
(31) 202210517589.7 (32) 12.05.22 (33) CN

(71) Jinko Solar Co., Ltd.; Zhejiang Jinko Solar Co., Ltd.
(21) 2022252710 (22) 11.10.2022
(54) Electrode Structure, Solar Cell, and Photovoltaic Module
(31) 202122636021.0 (32) 29.10.21 (33) CN

Jinko Solar Co., Ltd. see Zhejiang Jinko Solar Co., Ltd.
(21) 2022252768

(71) JINKO SOLAR CO., LTD.; ZHEJIANG JINKO SOLAR CO., LTD.
(21) 2022241631 (22) 03.10.2022
(54) SOLAR CELL AND PHOTOVOLTAIC MODULE
(31) CN (32) 05.08.22 (33) CN
202210940296.X
CN 05.08.22 CN
202222078085.8

(71) JINKO SOLAR CO., LTD.; ZHEJIANG JINKO SOLAR CO., LTD.
(21) 2022246370 (22) 04.10.2022
(54) PHOTOVOLTAIC CELL AND PHOTOVOLTAIC MODULE
(31) CN (32) 08.09.22 (33) CN
202211098196.3

JINKO SOLAR CO., LTD. see ZHEJIANG JINKO SOLAR CO., LTD.
(21) 2022246372

JINKO SOLAR CO., LTD. see ZHEJIANG JINKO SOLAR CO., LTD.
(21) 2022246376

(71) Johnson & Johnson Surgical Vision, Inc.
(21) 2022246418 (22) 06.10.2022

Complete Applications Filed - Name Index cont'd

(54) Compositions and methods for treating the eye
(62) 2020273325

(71) Joy Global Underground Mining LLC
(21) 2022252793 (22) 13.10.2022
(54) Sensor systems and methods for detecting conveyor tension in a mining system
(62) 2018247224

(71) Kayezen, LLC
(21) 2022252724 (22) 11.10.2022
(54) Strength training and stretching system and resistance band assembly for use therewith
(62) 2020220131

(71) KDB INTELLECTUAL PTY LTD
(21) 2022252743 (22) 12.10.2022
(54) MULTI-LOCK AND METHOD OF USE
(62) 2018247281

(71) Kimberly-Clark Worldwide, Inc.; The Board of Trustees of the University of Illinois
(21) 2022252228 (22) 10.10.2022
(54) Wettability-patterning method and designs for pumpless transport and precise manipulation of liquid volumes on and through porous materials
(62) 2017361281

(71) Kimberly-Clark Worldwide, Inc.; The Board of Trustees of the University of Illinois
(21) 2022252249 (22) 10.10.2022
(54) A method and device for moving and distributing aqueous liquids at high rates on porous, nonwoven substrates
(62) 2017361282

(71) Komatsu Ltd.
(21) 2022252761 (22) 12.10.2022
(54) Display control system, display control method and remote operation system
(62) 2019372717

(71) Kulteivat, Inc.
(21) 2022246389 (22) 05.10.2022
(54) SYSTEM AND METHOD FOR CONTINUOUS STIRRED TANK SOLVENT EXTRACTION USING FEEDSTOCK
(62) 2018312937

(71) Lashify, Inc.
(21) 2022246369 (22) 04.10.2022
(54) Applicators and cases for artificial lash extensions
(62) 2022203728

(71) LEO Pharma A/S
(21) 2022252766 (22) 13.10.2022
(54) Treatment of hand eczema
(62) 2017209932

Li, D. see Chris Mine Technical Service & Trade Company
(21) 2022252729

(71) LivePerson, Inc.
(21) 2022252732 (22) 11.10.2022
(54) Dynamic communication routing based on consistency weighting and routing rules
(62) 2021212144

(71) LTAG Systems LLC
(21) 2022252759 (22) 12.10.2022
(54) SYSTEMS, MODULES, AND SUBMERSIBLE VEHICLES FOR COLLECTING MATERIAL FROM A SEAFLOOR
(62) 2020403270

(71) Magic Leap, Inc.
(21) 2022246404 (22) 05.10.2022
(54) Virtual and augmented reality systems and methods
(62) 2020204085

(71) Magic Leap, Inc.
(21) 2022252723 (22) 11.10.2022
(54) Imaging modification, display and visualization using augmented and virtual reality eyewear
(62) 2017301435

(71) Masoomi, Z.
(21) 2022246481 (22) 09.10.2022
(54) Organic summer hydroponic greenhouse Business plan 75 hectares

(71) Masoomi, Z.
(21) 2022252711 (22) 11.10.2022
(54) Mineral Analysis Laboratory Business Plan With Lowest Turnover

(71) McShane, S.
(21) 2022252705 (22) 10.10.2022
(54) A COSMETIC MAKEUP TOOL
(31) 2021903226 (32) 08.10.21 (33) AU

Meat & Livestock Australia Limited see Royal Melbourne Institute of Technology
(21) 2022241614

(71) Medtronic, Inc.
(21) 2022241624 (22) 30.09.2022
(54) Dorsal spinal column characterization system using evoked potentials
(62) 2017326449

(71) Mercy Bioanalytics, Inc.
(21) 2022241629 (22) 03.10.2022
(54) Systems, compositions, and methods for target entity detection
(62) 2020233286

(71) Metabolic Technologies, Inc.
(21) 2022246406 (22) 05.10.2022
(54) Compositions and methods of use of β -hydroxy- β -methylbutyrate (HMB) for modulating autophagy and lipophagy and lipophagy
(62) 2017210335

(71) Metalvix Engenharia e Consultoria Ltda
(21) 2022241622 (22) 30.09.2022
(54) Windbreak supporting tower for reducing the speed of natural wind on open-air ore stacks, articulation structure used in a windbreak supporting tower, and, vertical tensile structural element
(31) 102021019929-6 (32) 04.10.21 (33) BR

(71) ModernaTX, Inc.
(21) 2022252803 (22) 13.10.2022
(54) Polynucleotides encoding tethered interleukin-12 (IL12) polypeptides and uses thereof
(62) 2018270111

(71) Mollick, P.
(21) 2022241630 (22) 03.10.2022
(54) SYSTEM FOR CONNECTING IMPLEMENTS TO MOBILE MACHINERY
(62) 2017248270

(71) Monsanto Technology LLC
(21) 2022246431 (22) 06.10.2022
(54) Modulation of release rate from microencapsulated pesticides
(62) 2020204641

(71) Motorola Solutions, Inc.
(21) 2022252799 (22) 13.10.2022
(54) SYSTEM AND METHOD FOR APPEARANCE SEARCH
(62) 2017372905

(71) Myron L Company
(21) 2022246368 (22) 04.10.2022
(54) A method for measuring the concentration of a chemical species using a reagent baseline
(62) 2017286802

(71) Nektar Therapeutics
(21) 2022246440 (22) 06.10.2022
(54) Selective Treg Stimulator Rur20kd-il-2 And Related Compositions
(62) 2019274409

Complete Applications Filed - Name Index cont'd

(71) Neste Oyj
(21) 2022246457 (22) 07.10.2022
(54) A hydrocarbon composition
(62) 2020386787

New York Society for the Relief of the Ruptured and Crippled, Maintaining the Hospital for Special Surgery see SciRhom GmbH
(21) 2022252731

(71) Niagara Bottling, LLC
(21) 2022252702 (22) 10.10.2022
(54) Swirl bell bottle with wavy ribs
(62) 2020267288

(71) Nicotra Gebhardt GmbH
(21) 2022252728 (22) 11.10.2022
(54) Radial impeller
(31) 21 202 991.2 (32) 15.10.21 (33) EP

(71) Nicoventures Trading Limited
(21) 2022246461 (22) 07.10.2022
(54) Connectivity intermediary
(62) 2019400926

(71) Nicoventures Trading Limited
(21) 2022246463 (22) 07.10.2022
(54) Connectivity intermediary
(62) 2019400926

(71) Nokia Technologies Oy
(21) 2022252749 (22) 12.10.2022
(54) Method and apparatus for security realization of connections over heterogeneous access networks
(62) 2019319095

(71) nthalmic holding Pty Ltd
(21) 2022246371 (22) 04.10.2022
(54) Apparatus and methods of spectacle solutions for myopia
(62) 2020353383

(71) Nunhems B.V.
(21) 2022246417 (22) 06.10.2022
(54) Lettuce variety NUN 09187 LTL
(31) 63/277,855 (32) 10.11.21 (33) US

(71) OCULOGICA INC
(21) 2022246401 (22) 05.10.2022
(54) METHOD FOR DETECTING GLAUCOMA
(62) 2017239490

(71) Okletsplay Incorporated
(21) 2022246379 (22) 04.10.2022
(54) Method, device, and computer-readable medium for wagering on a skills-based

digital gaming competition with an out-of-game peer wagering module
(62) 2017255503

(71) OMS INVESTMENTS, INC.
(21) 2022252776 (22) 13.10.2022
(54) RODENT TRAP HAVING A PIVOTING PLATFORM
(62) 2018208461

(71) Opex Corporation
(21) 2022252707 (22) 10.10.2022
(54) AUTOMATED STORAGE AND RETRIEVAL SYSTEM WITH DETECTOR FOR DETECTING ITEMS EXTENDING BEYOND DIMENSIONAL THRESHOLD
(62) 2021200584

(71) OPKO Biologics Ltd.
(21) 2022246472 (22) 07.10.2022
(54) Long-acting polypeptides and methods of producing and administering same
(62) 2020200874

(71) Oticon Medical A/S
(21) 2022252802 (22) 13.10.2022
(54) An Electromagnetic Vibrator for Generating a Vibration in Order to Transmit Sound Through a Bone of a Skull of a User to an Ear of the User and a Bone Anchored Hearing Device
(31) 21202663.7 (32) 14.10.21 (33) EP

(71) Oticon Medical A/S
(21) 2022252804 (22) 13.10.2022
(54) Implantable Hearing Device for Enhancing the Hearing Capability of a User
(31) 21202690.0 (32) 14.10.21 (33) EP

(71) Outwork Services Limited
(21) 2022246454 (22) 07.10.2022
(54) A TRANSPORT SYSTEM
(31) 781010 (32) 08.10.21 (33) NZ
786255 17.03.22 NZ

(71) Panduit Corp.
(21) 2022244308 (22) 04.10.2022
(54) Cable management system and method
(62) 2021234252

(71) Payapps Pty Ltd
(21) 2022252257 (22) 10.10.2022
(54) System and Method for Project Contract Management
(62) 2015282367

(71) PayPal, Inc.
(21) 2022246433 (22) 06.10.2022

(54) Machine learning based on post-transaction data
(62) 2019384537

(71) PayPal, Inc.
(21) 2022252716 (22) 11.10.2022
(54) Dynamic emoji modal actions
(62) 2017357764

(71) Pentair Water Pool and Spa, Inc.
(21) 2022252701 (22) 10.10.2022
(54) Variable speed pumping system and method
(31) 63/262,284 (32) 08.10.21 (33) US

PGI Drug Discovery LLC see Sunovion Pharmaceuticals Inc.
(21) 2022246388

(71) Phenix Real Time Solutions, Inc.
(21) 2022252735 (22) 12.10.2022
(54) METHOD AND APPARATUS FOR SYNCHRONIZING APPLICATIONS' CONSUMPTION OF REMOTE DATA
(62) 2018257929

(71) Primatope Therapeutics Inc.
(21) 2022241635 (22) 04.10.2022
(54) HUMANIZED ANTI-CD40 ANTIBODIES AND USES THEREOF
(62) 2016315873

(71) Probiotech LLC
(21) 2022246434 (22) 06.10.2022
(54) Probiotic Delivery Systems
(62) 2016353091

(71) Projectpay Ltd
(21) 2022241634 (22) 04.10.2022
(54) HIERARCHICAL PAYMENT STRUCTURES
(31) 2214314.3 (32) 29.09.22 (33) GB
2214431.5 30.09.22 GB

(71) Pywell, S.; Wyrewenaden, C.
(21) 2022241632 (22) 03.10.2022
(54) DOG COLLAR

(71) Qualitas Manufacturing Incorporated
(21) 2022246458 (22) 07.10.2022
(54) Rolling shutter retractable stop bar
(31) 17/958,588 (32) 03.10.22 (33) US

(71) QUOOKER INTERNATIONAL B.V.
(21) 2022246419 (22) 06.10.2022
(54) Mixing tap for dispensing water
(62) 2017206513

(71) Regeneron Pharmaceuticals, Inc.
(21) 2022246398 (22) 05.10.2022

Complete Applications Filed - Name Index cont'd

(54) Compositions and methods for detecting a biological contaminant
(62) 2016243498

(71) Regeneron Pharmaceuticals, Inc.
(21) 2022246414 (22) 06.10.2022
(54) METHODS FOR BREAKING IMMUNOLOGICAL TOLERANCE USING MULTIPLE GUIDE RNAS
(62) 2017268458

(71) Regeneron Pharmaceuticals, Inc.
(21) 2022246438 (22) 06.10.2022
(54) METHODS AND SYSTEMS FOR CHROMATOGRAPHY DATA ANALYSIS
(62) 2017350807

(71) RemeGen Co., Ltd.
(21) 2022252734 (22) 11.10.2022
(54) Use of anti-HER2 antibody-drug conjugate in treating urothelial carcinoma
(62) 2019330680

(71) Renaissance Patio Products Inc.
(21) 2022246479 (22) 08.10.2022
(54) Louver Roof Structure
(31) 17/566,791 (32) 31.12.21 (33) US
17/895,568 25.08.22 US

(71) Repligen Corporation
(21) 2022252704 (22) 10.10.2022
(54) Tangential flow filtration systems and methods
(62) 2019273030

(71) Rhino Rack Australia Pty Limited
(21) 2022252733 (22) 11.10.2022
(54) ARTICLE CARRIER MOUNTING LEG
(31) 2021903304 (32) 14.10.21 (33) AU

(71) rielly, j.
(21) 2022246413 (22) 05.10.2022
(54) Weed removal tool

(71) Rite-Hite Holding Corporation; Dibiase, J.
(21) 2022246428 (22) 06.10.2022
(54) Maneuverable ergonomic trailer stands
(62) 2019249267

(71) Rowe, B.
(21) 2022252744 (22) 12.10.2022
(54) Watercraft Tethering Assembly

(71) Royal Melbourne Institute of Technology; Meat & Livestock Australia Limited
(21) 2022241614 (22) 30.09.2022
(54) Gas sensor nanocomposite membranes
(62) 2020220100

(71) Safe Direction Pty Ltd
(21) 2022246373 (22) 04.10.2022
(54) Mounting bracket and barrier system
(31) 2021903216 (32) 07.10.21 (33) AU

(71) Schneider Electric (Australia) Pty Limited
(21) 2022252756 (22) 12.10.2022
(54) CONNECTION SYSTEM AND METHOD FOR ELECTRICAL OUTLETS
(62) 2020239687

(71) Schneider Electric Industries SAS
(21) 2022241609 (22) 30.09.2022
(54) Power control circuit, monitoring apparatus, monitoring system
(31) 21306415.7 (32) 08.10.21 (33) EP

(71) SciRhom GmbH; New York Society for the Relief of the Ruptured and Crippled, Maintaining the Hospital for Special Surgery
(21) 2022252731 (22) 11.10.2022
(54) Protein Binders For iRhom2
(62) 2020271402

(71) Seagen, Inc.
(21) 2022246407 (22) 05.10.2022
(54) Quaternized nicotinamide adenine dinucleotide salvage pathway inhibitor conjugates
(62) 2018258687

(71) Security Services Northwest, Inc.
(21) 2022252742 (22) 12.10.2022
(54) Location based security alert system
(62) 2017218895

(71) Seiko Epson Corporation
(21) 2022246375 (22) 04.10.2022
(54) Ink refill container, ink refill system, and ink refill adapter
(62) 2017279290

(71) Seminis Vegetable Seeds, Inc.
(21) 2022241610 (22) 30.09.2022
(54) Tomato hybrid SVTM9030 and parents thereof
(31) 17/494,623 (32) 05.10.21 (33) US

(71) SharkNinja Operating LLC
(21) 2022252800 (22) 13.10.2022
(54) COOKING DEVICE AND COMPONENTS THEREOF
(62) 2020314733

(71) Shell Internationale Research Maatschappij B.V.
(21) 2022245466 (22) 04.10.2022

(54) Safety device
(62) 2019373289

(71) Shinagawa Refractories Australasia Pty Ltd
(21) 2022252777 (22) 13.10.2022
(54) Refractory blaster nozzle

(71) SmartWash Solutions, LLC
(21) 2022246393 (22) 05.10.2022
(54) System for controlling water used for industrial food processing
(62) 2017338763

(71) Snap-on Incorporated
(21) 2022252764 (22) 12.10.2022
(54) Electronic torque wrench with interchangeable battery
(62) 2020217407

(71) SNIPR Technologies Limited
(21) 2022246439 (22) 06.10.2022
(54) Selectively altering microbiota for immune modulation
(62) 2022202339

(71) So-Ken Corporation
(21) 2022246475 (22) 07.10.2022
(54) Method for manufacturing gimmick expression medium, and data processing method for gimmick expression medium
(62) 2018416042

(71) Sonos, Inc.
(21) 2022246446 (22) 07.10.2022
(54) Systems and methods of operating media playback systems having multiple voice assistant services
(62) 2019395022

(71) Sonos, Inc.
(21) 2022246448 (22) 07.10.2022
(54) Systems and methods for playback device management
(62) 2020351811

(71) Southern Eye Equipment Pty Ltd
(21) 2022246473 (22) 07.10.2022
(54) Expression vector and method
(62) 2019211465

(71) Stryker Corporation
(21) 2022246442 (22) 07.10.2022
(54) Powered surgical handpiece with a chuck that facilitates alignment of the cutting accessory fitted to the tool
(62) 2020202806

(71) Stryker Corporation
(21) 2022252726 (22) 11.10.2022

Complete Applications Filed - Name Index cont'd

(54) Surgical helmet including hair management system
(31) 63/254,304 (32) 11.10.21 (33) US

(71) Stryker European Holdings I, LLC
(21) 2022252708 (22) 11.10.2022
(54) Cutting assembly for surgical instrument with clog-reducing hub
(62) 2017294760

(71) Studman Innovations Pty Ltd
(21) 2022252706 (22) 10.10.2022
(54) WIND POWERED GENERATION SYSTEM
(31) 2022902021 (32) 20.07.22 (33) AU

(71) Sunovion Pharmaceuticals Inc.; PGI Drug Discovery LLC
(21) 2022246388 (22) 05.10.2022
(54) Compounds and compositions and uses thereof
(62) 2017301769

(71) SUPERSONIC IMAGINE
(21) 2022246394 (22) 05.10.2022
(54) Method and system for determining a physical characteristic of a medium
(31) EP 21315228.3 (32) 29.10.21 (33) EP

(71) Syndax Pharmaceuticals, Inc.
(21) 2022246409 (22) 05.10.2022
(54) Selection of patients for combination therapy
(62) 2016318136

(71) Syros Pharmaceuticals, Inc.
(21) 2022246416 (22) 06.10.2022
(54) Inhibitors of cyclin-dependent kinase 7 (CDK7)
(62) 2017295863

(71) Taiwan Mercury Medical Corporation
(21) 2022252762 (22) 12.10.2022
(54) ORAL DRUG TABLET MANUFACTURING DEVICE AND MANUFACTURING METHOD THEREOF
(31) 110140270 (32) 29.10.21 (33) TW

(71) Taiwan Mercury Medical Corporation
(21) 2022252763 (22) 12.10.2022
(54) MAGNETIC POWDER DISPENSING STRUCTURE FOR TABLET PRINTING
(31) 111110086 (32) 18.03.22 (33) TW

(71) Tao Mining Co., Ltd.
(21) 2022241615 (22) 30.09.2022
(54) DEVICE, BODY, METHOD AND SYSTEM FOR HEALTH-CARE
(62) 2020445121

(71) Tao Mining Co., Ltd.
(21) 2022241617 (22) 30.09.2022
(54) DEVICE, BODY, METHOD AND SYSTEM FOR HEALTH-CARE
(62) 2020445121

(71) Tao Mining Co., Ltd.
(21) 2022241618 (22) 30.09.2022
(54) DEVICE, BODY, METHOD AND SYSTEM FOR HEALTH-CARE
(62) 2020445121

(71) TBI Innovations, LLC; Thornhill Research, Inc.
(21) 2022241613 (22) 30.09.2022
(54) Devices and systems to mitigate traumatic brain and other injuries caused by concussive or blast forces
(62) 2020203283

(71) Tchibo GmbH
(21) 2022252798 (22) 13.10.2022
(54) Method for operating a beverage preparation machine, beverage preparation machine and method for operating an operating device
(62) 2017384522

(71) Techtronic Floor Care Technology Limited
(21) 2022252692 (22) 10.10.2022
(54) Floor Cleaner
(62) 2019327393

(71) The Board of Trustees of the Leland Stanford Junior University
(21) 2022246420 (22) 06.10.2022
(54) Immolative cell-penetrating complexes for nucleic acid delivery
(62) 2017302361

The Board of Trustees of the University of Illinois see Kimberly-Clark Worldwide, Inc.
(21) 2022252228

The Board of Trustees of the University of Illinois see Kimberly-Clark Worldwide, Inc.
(21) 2022252249

(71) The Boeing Company
(21) 2022252754 (22) 12.10.2022
(54) Pliable structures and associated methods and systems for replicating a contour of a surface
(31) 17/548,822 (32) 13.12.21 (33) US

(71) The General Hospital Corporation
(21) 2022246445 (22) 07.10.2022
(54) Variants of Cpf1 (CAS12a) with altered PAM specificity
(62) 2018254619

(71) The General Hospital Corporation
(21) 2022252788 (22) 13.10.2022
(54) RNA-GUIDED TARGETING OF GENETIC AND EPIGENOMIC REGULATORY PROTEINS TO SPECIFIC GENOMIC LOCI
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(54) A DRAIN APPARATUS FOR A SUBSEA PIPELINE
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(71) Valsch Dynamic Mechatronics Ltd.
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(54) REAR AXLE MOVEMENT DEVICE FOR TRUCK WITH LOWERABLE BED
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(54) Machine learning using simulated cardiograms
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(54) Biophotonic compositions for treating skin and soft tissue wounds having

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(54) Semantic abort of unmanned aerial vehicle deliveries
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(54) Unmanned aerial vehicle trajectories for nudging and un-nudging
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(54) Method for semantic localization of an unmanned aerial vehicle
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(31) CN (32) 05.08.22 (33) CN
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(54) NOVEL ELECTRIC HEATING COVERING DEVICE
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(71) Zoetis Services LLC
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Applications listed below were processed through the Patent Office Canberra during the period ending 11 Oct 2022 .
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

(71) Copia Corporation Pty Ltd
(21) 2022100146 (22) 18.10.2022
(54) ANIMAL ENCLOSURE
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(21) 2022100147 (22) 18.10.2022
(54) A door stop
(62) 2017205774

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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:

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1	Application Lapsed Section 142(2)(a)
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6	Application Lapsed Section 142(2)(f)/Reg. 13.5A(2)/Reg. 8.3(3)
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21	Patent Ceased Section 101C(b)/Section 143A(c)/Reg. 9A.4
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A	Applications on which examination has not been requested or directed
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2022

2022100008 (21F) 2022206824 (7AN) 2022206831 (7AN)
 2022209291 (7AN) 2022901167 (12AN)

Complete Specifications Treated as Provisional Specifications, Section 37

2021

2021250980 **Luong, Q.; Phi, Q.** Provisional Number: 2021904300

Assignments before Grant, Section 113

2017

2017209083 Merck Sharp & Dohme Corp.; Adimab, LLC The application has been assigned to **Merck Sharp & Dohme LLC; Adimab, LLC**

2017246999 SG Ventures Pty Limited The application has been assigned to **CoLabs Int'l., Corp.**

2017356784 CR Development AB The application has been assigned to **Random Walk Imaging AB**

2017356785 CR Development AB The application has been assigned to **Random Walk Imaging AB**

2018

2018224390 Merck Sharp & Dohme Corp.; Teijin Pharma Limited The application has been assigned to **Merck Sharp & Dohme LLC; Teijin Pharma Limited**

2018260459 Joby Elevate, Inc. The application has been assigned to **Joby Aero, Inc.**

2018266881 Memorial Sloan Kettering Cancer Center; Icahn School of Medicine at Mount Sinai; Merck Sharp & Dohme Corp. The application has been assigned to **Merck Sharp & Dohme LLC; Icahn School of Medicine at Mount Sinai; Memorial Sloan Kettering Cancer Center**

2018328035 Abeygunawardana, Chitrananda; Porambo, Richard; Kosinski, Michael; Musey, Luwy; Cui, Yadong; Merck Sharp & Dohme Corp. The application has been assigned to **Merck Sharp & Dohme LLC; Porambo, Richard; Abeygunawardana, Chitrananda; Musey, Luwy; Kosinski, Michael; Cui, Yadong**

2018329432 CR Development AB The application has been assigned to **Random Walk Imaging AB**

2019

2019215013 Merck Sharp & Dohme Corp.; Zymeworks Inc. The application has been assigned to **Merck Sharp & Dohme LLC; Zymeworks Inc.**

2019216427 R.I.P., LLC The application has been assigned to **Odin Sleep, LLC**

2019257606 Merck Sharp & Dohme Corp.; MSD Werthenstein BioPharma GmbH The application has been assigned to **Merck Sharp & Dohme LLC; MSD Werthenstein BioPharma GmbH**

2019259340 Joby Elevate, Inc. The application has been assigned to **Joby Aero, Inc.**

2019312125 DDP Specialty Electronic Materials US, LLC The application has been assigned to **Accelerated Filtration, Inc.**

2019317549 Merck Sharp & Dohme Corp.; MSD International GmbH The application has been assigned to **Merck Sharp & Dohme LLC; MSD International GmbH**

Assignments before Grant, Section 113

2020

2020210233 Merck Sharp & Dohme Corp.; Adimab, LLC The application has been assigned to **Merck Sharp & Dohme LLC; Adimab, LLC**

2020264065 CR Development AB The application has been assigned to **Random Walk Imaging AB**

2021

2021200984 Merck Sharp & Dohme B.V.; Merck Sharp & Dohme Corp. The application has been assigned to **Merck Sharp & Dohme LLC; Merck Sharp & Dohme B.V.**

2021205873 Coats & Clark, Inc. The application has been assigned to **J. & P. Coats Limited**

2022

2022900309 The New Zealand Institute for Plant and Food Research Limited; Li, Dawei; Wuhan Botanical Garden; Zhong, Caihong; Liu, Xiaoying; Bulley, Sean; Xie, Xiaodong The application has been assigned to **THE NEW ZEALAND INSTITUTE FOR PLANT AND FOOD RESEARCH LIMITED; WUHAN BOTANICAL GARDEN**

Extensions of Time, Section 223

Applications Received

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

2013

2013213886 **See-Out Pty Ltd.** An application to extend the time from 01 Feb 2022 to 01 Oct 2022 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2015

2015214638 **Random Walk Imaging AB** An application to extend the time from 10 Feb 2022 to 10 Oct 2022 in which to pay a renewal fee has been filed . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2015226950 **Davis, T.; Nemir, D.** An application to extend the time from 06 Mar 2022 to 06 Oct 2022 in which to pay a renewal fee has been filed . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2017

2017201850 **Adhar, V.** An application to extend the time from 17 Mar 2022 to 17 Oct 2022 in which to pay a renewal fee has been filed . Address for service - Vireshwar Kumar Adhar 32 Arthur St Ryde NSW 2112 AU

2018

2018329438 **MEDOS INTERNATIONAL SARL; WANG, Michael** An application to extend the time from 07 Apr 2020 to 07 Aug 2022 in which to enter the National Phase has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

Extensions of Time, Section 223**Applications Allowed - Section 223(2)****2007**

2007289452 **Arc Innovations Limited** The time in which to pay a renewal fee has been extended to 30 Jun 2022 . Address for service - AJ PARK Level 24, Tower 2, Darling Park 201 Sussex St Sydney NSW 2000 AU

2012

2012327167 **Metabolic Pharmaceuticals Pty Ltd** The time in which to pay a renewal fee has been extended to 07 Jun 2022 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2017

2017339047 **Tyco Building Services Products Limited; Macron Safety Systems (UK) Limited** The time in which to pay a continuation fee has been extended to 04 May 2022 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2018

2018332987 **4Morr Enterprises IP, LLC** The time in which to request examination has been extended to 15 Sep 2022 . Address for service - Stellar Law Pty Ltd Level 5, 115 Pitt Street Sydney NSW 2000 AU

2021

2021202583 **American Express Travel Related Services Company, Inc.** The time in which to pay a continuation fee has been extended to 19 May 2022 . Address for service - FB Rice Pty Ltd Level 23, 44 Market Street Sydney NSW 2000 AU

2021226603 **THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA** The time in which to enter the National Phase has been extended to 28 Oct 2022 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2021228287 **THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA** The time in which to enter the National Phase has been extended to 28 Oct 2022 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2022

2022201926 **Cripps Clark, J.** The time in which to make a further application for a divisional patent has been extended to 03 Apr 2022 . Address for service - Julianne Mary Cripps Clark Kearsley Rd Kearsley NSW 2325 AU

2022203396 **METROMAX AMERICA CORPORATION** The time in which to claim the convention priority date has been extended to 14 Jun 2022 . Address for service - AJ PARK GPO Box 2513 Sydney NSW 2001 AU

2022204675 **ICahn School of Medicine at Mount Sinai** The time in which to request examination has been extended to 12 Oct 2022 . Address for service - James & Wells Intellectual Property GPO Box 1301 CANBERRA ACT 2601 AU

2022224848 **Royal Melbourne Institute of Technology** The time in which to extend the grace period has been extended to 13 Aug 2022 .

Extensions of Time, Section 223

Address for service - FB Rice Pty Ltd Level 33 477 Collins Street Melbourne VIC 3000 AU

Section 223(1) Allowances**2021**

2021100637 **SDIP Holdings Pty Ltd** The time in which to gain certification has been extended to 09 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.

2010

2010311299 Androgen receptor modulating compounds **Ori-on Corporation** The nature of the amendment is as shown in the statement(s) filed 11 Oct 2022 . Address for service - Phillips Ormonde Fitzpatrick L 16 333 Collins St Melbourne VIC 3000 AU

2013

2013287176 Substituted tricyclic compounds as FGFR inhibitors **IN-CYTE HOLDINGS CORPORATION** The nature of the amendment is as shown in the statement(s) filed 06 Oct 2022 . Address for service - Houlihan² Pty Ltd Level 1 70 Doncaster Road BALWYN NORTH VIC 3104 AU

2014

2014336638 Labeled inhibitors of prostate specific membrane antigen (PSMA), their use as imaging agents and pharmaceutical agents for the treatment of prostate cancer **Ruprecht-Karls-Universitat Heidelberg ; Deutsches Krebsforschungszentrum** The nature of the amendment is: Amend the name of the inventor to add Kliem, Hans-Christian and Kratochwil, Clemens . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2015

2015292889 Molecules that selectively activate regulatory T cells for the treatment of autoimmune diseases **Delinia, Inc.** The nature of the amendment is as shown in the statement(s) filed 18 Sep 2022 . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2017

2017201858 Hinge **Polaris IP Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 30 Aug 2022 . Address for service - GLMR PO Box Q1615 Queen Victoria Building NSW 1230 AU

2017210106 Systems and methods for providing network connectivity and remote monitoring, optimization, and control of pool/spa equipment **Hayward Industries, Inc.** The nature of the amendment is: Amend the name of the inventors to delete Denkwicz, Ray; Willis, Vance; Sawyer Jr., Douglas; Wiseman, Kristopher Robert and to add Horrocks,

Amendments

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

2017233068 Cyclic di-nucleotide compounds and methods of use **Immune Sensor, LLC ; The Board of Regents of the University of Texas System** The nature of the amendment is as shown in the statement(s) filed 11 Oct 2022 . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2017323873 Graphene-based composite flame retardants **The University of Adelaide** The nature of the amendment is as shown in the statement(s) filed 11 Oct 2022 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2017340775 Low-convergence spectacles **Neurolens, Inc.** The nature of the amendment is: Amend the name of the inventors to delete Zimanyi, Gergely T. . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2018

2018200419 Labeled inhibitors of prostate specific membrane antigen (PSMA), their use as imaging agents and pharmaceutical agents for the treatment of prostate cancer **Deutsches Krebsforschungszentrum ; Ruprecht-Karls-Universität Heidelberg** The nature of the amendment is: Amend the name of the inventor to add inventors KRATOCHWIL, Clemens and KLIEM, Hans-Christian . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2018215660 Multi-site mimo communications system with hybrid beamforming in L1-split architecture **AltioStar Networks, Inc.** The nature of the amendment is as shown in the statement(s) filed 07 Oct 2022 . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd Level 2, Woden Plaza Offices WODEN ACT 2606 AU

2019

2019314282 Anti-HIV compounds **Gilead Sciences, Inc.** The nature of the amendment is as shown in the statement(s) filed 06 Oct 2022 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2019401968 Flexible hardgoods with enhanced peel removability **3M Innovative Properties Company** The nature of the amendment is as shown in the statement(s) filed 06 Oct 2022 . Address for service - Davies Collison Cave Pty Ltd Level 14 255 Elizabeth St Sydney NSW 2000 AU

2020

2020201086 Labeled inhibitors of prostate specific membrane antigen (PSMA), their use as imaging agents and pharmaceutical agents for the treatment of prostate cancer **Deutsches Krebsforschungszentrum ; Ruprecht-Karls-Universität Heidelberg** The nature of the amendment is: Amend the name of the inventors to add Kliem, Hans-Christian . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2020202350 ELECTRICAL POWER DELIVERY SYSTEM AND MOUNTING SYSTEM THEREOF **Transportation IP Holdings, LLC** The nature of the amendment is as shown in the statement(s) filed 04 Oct 2022 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2020281015 COMPOSITIONS AND METHODS FOR TREATMENT OF PRE-CANCEROUS SKIN LESIONS **Washington University**

Amendments

The nature of the amendment is as shown in the statement(s) filed 01 Oct 2022 . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

Amendments Made

2015

2015249072 **Alnylam Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement filed 13 May 2022

2015280721 **Orica International Pte Ltd** The nature of the amendment is as shown in the statement filed 24 Jun 2022

2017

2017204788 **Illinois Tool Works Inc.** The nature of the amendment is: Amend addition details to remove 2015252101

2017240150 **Kite Pharma, Inc.** The nature of the amendment is as shown in the statement filed 07 Jul 2022

2017280000 **Energizer Brands, LLC** The nature of the amendment is: Amend the name of the inventor to read ARMACANQUI, M. Edgar; ROSZKOWSKI, Andrew J.; IMHOFF, Casey; CROWE, Donald Raymond; EVANS, Matthew; HADLEY, John; HENNEK, Matthew; TURBA, Tim F. and ZHU, Enqing

2017319306 **Wayne State University** The nature of the amendment is: Add the names of co-inventors GANJAWALA, Tushar; LU, Qi and ABRAMS, Gary

2017330374 **University of Vermont and State Agricultural College** The nature of the amendment is as shown in the statement(s) filed 26 Jun 2022

2018

2018270926 **Nektar Therapeutics** The nature of the amendment is as shown in the statement(s) filed 29 Jun 2022

2018318695 **Avalon Polytom (HK) Limited** The nature of the amendment is: Amend the name of the inventor to read LAU, Johnson; LAU, Johnson Yiu-Nam; LEUNG, Yun Chung; YU, Kuo-Ming; YEUNG, Yuk-Keung; PANG, Pui Shi and CHOO, Qui-Lim

2018330033 **CarryGenes Bioengineering** The nature of the amendment is as shown in the statement filed 21 Jun 2022

2018353722 **ILAb** The nature of the amendment is as shown in the statements filed 12 Apr 2022 and 31 May 2022

2018361703 **SELBY, M.** The nature of the amendment is: Application is to proceed under the number 2018102245

2018366644 **Osaka University** The nature of the amendment is: Amend the invention title to read COGNITIVE IMPAIRMENT DIAGNOSTIC APPARATUS AND COGNITIVE IMPAIRMENT DIAGNOSTIC PROGRAM

Amendments

2018369233 **Nichiha Corporation** The nature of the amendment is: Amend the invention title to read REPAIR SEAL, METHOD FOR MANUFACTURING REPAIR SEAL, AND REPAIR STRUCTURE

2019

2019230247 **JFE Steel Corporation** The nature of the amendment is as shown in the statement filed 03 Jun 2022

2019267678 **Coulter Ventures LLC** The nature of the amendment is as shown in the statement filed 21 Jul 2022

2019373245 **Gilead Sciences, Inc.** The nature of the amendment is as shown in the statements filed 05 Jul 2022 and 15 Jul 2022 (x2)

2019421939 **Wisteria Co., Ltd.** The nature of the amendment is as shown in the statement filed 06 Jul 2022

2020

2020257041 **BioMed Valley Discoveries, Inc.; Vertex Pharmaceuticals Incorporated** The nature of the amendment is as shown in the statement(s) filed 09 Jun 2022

2020294352 **Geopyörä Oy** The nature of the amendment is: Amend the invention title to read Test arrangement and method for testing breakage and mechanical properties of rock particles

2020327338 **China University of Mining and Technology** The nature of the amendment is: Amend the priority details to read 201911301527.7 17 Dec 2019 CN

2020424270 **DEBx Medical Holding B.V.** The nature of the amendment is as shown in the statement filed 25 Aug 2022

2021

2021203642 **Generic Crop Science LLC; McClinton, S.R.** The nature of the amendment is: Amend the name of the inventor to read SHARMA, Shiv D; MIDDIONE Jr., Joe and McCLINTON, Samuel Robert

2021216117 **ROSEN Swiss AG** The nature of the amendment is: Amend the name of the inventor to read DANILOV, Andrey; BOSSE, Ben and ROSEN, Patrick

2021217288 **Nippon Beet Sugar Manufacturing Co.,Ltd.; Toppan Inc.; National Agriculture and Food Research Organization; Goyo Paper Working Co., Ltd.** The nature of the amendment is: Amend the invention title to read Nursery pot body with temporal stability and decomposition accelerating method therefor

2021218151 **Juul Labs, Inc.** The nature of the amendment is: Amend the name of the inventor to read Bowen, Adam; Monsees, James; Atkins, Ariel; Ingebretsen, Bradley and Leon Duque, Esteban

2021221554 **KILCOY PASTORAL COMPANY LIMITED** The nature of the amendment is: Application is to proceed under the number 2021107671

2021225098 **Advanced Biofuel Solutions Ltd** The nature of the amendment is: Amend the name of the inventor to read GRIGGS, Kevin and TAYLOR, Richard

Amendments

2021235234 **CMR Surgical Limited** The nature of the amendment is: Add the names of co-inventors PIOTROWSK, Michal and HEARN, Gareth Stephen

2021238794 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read DATA TRANSMISSION METHOD AND APPARATUS

2021240487 **Shanghai Quicktron Intelligent Technology Co., Ltd** The nature of the amendment is: Amend the invention title to read WAREHOUSING APPARATUS AND SYSTEM AND CONTROL METHOD

2021242116 **CJ CheilJedang Corporation** The nature of the amendment is: Amend the invention title to read Glutamate-Cysteine Ligase Variant And Method Of Producing Glutathione Using The Same

2021246527 **Vertex Pharmaceuticals Incorporated** The nature of the amendment is: Amend the invention title to read Modulators of alpha-1 antitrypsin

2021247282 **Vertex Pharmaceuticals Incorporated** The nature of the amendment is: Amend the invention title to read Modulators of alpha-1 antitrypsin

2021247285 **Vertex Pharmaceuticals Incorporated** The nature of the amendment is: Amend the invention title to read Modulators of alpha-1 antitrypsin

2021248641 **Vertex Pharmaceuticals Incorporated** The nature of the amendment is: Amend the invention title to read Modulators of alpha-1 antitrypsin

2021266084 **F. Hoffmann-La Roche AG** The nature of the amendment is: Amend the name of the inventor to read CINQUALBRE, Joséphine Eliette Françoise; HILDBRAND, Stefan; TOSATTI, Paolo; PUENTENER, Kurt; WETZL, Dennis; IDING, Hans; STOCKER, Patrick; FÉDOU, Nicolas Mickael and SPURR, Paul

2021323388 **TScan Therapeutics, Inc.** The nature of the amendment is as shown in the statement filed 15 Jul 2022

2022

2022100131 **Hurst, M.** The nature of the amendment is: Application is to proceed under number 2022252765

2022204874 **B. Braun Melsungen AG** The nature of the amendment is: Add the name of co-inventor TEOH, Hui Kuun

Alteration of Name(s) of Applicant(s)/Patentee(s)**2002**

2002360824 **Merck Sharp & Dohme Corp.** The name of the patentee has been altered to **Merck Sharp & Dohme LLC**

2003

2003208888 **Merck Sharp & Dohme Corp.** The name of the patentee has been altered to **Merck Sharp & Dohme LLC**

Amendments

2003213142 Merck Sharp & Dohme Corp. The name of the patentee has been altered to **Merck Sharp & Dohme LLC**

2003251902 Merck Sharp & Dohme Corp. The name of the patentee has been altered to **Merck Sharp & Dohme LLC**

2004

2004224335 Merck Sharp & Dohme Corp. The name of the patentee has been altered to **Merck Sharp & Dohme LLC**

2004245522 Merck Sharp & Dohme Corp. The name of the patentee has been altered to **Merck Sharp & Dohme LLC**

2004253889 Merck Sharp & Dohme Corp. The name of the patentee has been altered to **Merck Sharp & Dohme LLC**

2004268024 Merck Sharp & Dohme Corp. The name of the patentee has been altered to **Merck Sharp & Dohme LLC**

2004277934 Merck Sharp & Dohme Corp. The name of the patentee has been altered to **Merck Sharp & Dohme LLC**

2004286261 Merck Sharp & Dohme Corp. The name of the patentee has been altered to **Merck Sharp & Dohme LLC**

2004290032 Merck Sharp & Dohme Corp. The name of the patentee has been altered to **Merck Sharp & Dohme LLC**

2004290044 Merck Sharp & Dohme Corp. The name of the patentee has been altered to **Merck Sharp & Dohme LLC**

2005

2005212237 Merck Sharp & Dohme LLC The name of the patentee has been altered to **Merck Sharp & Dohme LLC**

2005230907 Merck Sharp & Dohme LLC The name of the patentee has been altered to **Merck Sharp & Dohme LLC**

2005292323 Merck Sharp & Dohme Corp. The name of the patentee has been altered to **Merck Sharp & Dohme LLC**

2005311671 Merck Sharp & Dohme Corp. The name of the patentee has been altered to **Merck Sharp & Dohme LLC**

2005327308 Merck Sharp & Dohme Corp. The name of the patentee has been altered to **Merck Sharp & Dohme LLC**

2005336513 Merck Sharp & Dohme Corp. The name of the patentee has been altered to **Merck Sharp & Dohme LLC**

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2006249440 Merck Sharp & Dohme Corp. The name of the patentee has been altered to **Merck Sharp & Dohme LLC**

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2006302435 Merck Sharp & Dohme Corp. The name of the patentee has been altered to **Merck Sharp & Dohme LLC**

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2006318773 Merck Sharp & Dohme Corp. The name of the patentee has been altered to **Merck Sharp & Dohme LLC**

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2008209623 Merck Sharp & Dohme Corp. The name of the patentee has been altered to **Merck Sharp & Dohme LLC**

2008226974 Merck Sharp & Dohme Corp. The name of the patentee has been altered to **Merck Sharp & Dohme LLC**

2008241527 Merck Sharp & Dohme Corp. The name of the patentee has been altered to **Merck Sharp & Dohme LLC**

2008246139 Merck Sharp & Dohme Corp. The name of the patentee has been altered to **Merck Sharp & Dohme LLC**

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2008269154 Merck Sharp & Dohme Corp. The name of the patentee has been altered to **Merck Sharp & Dohme LLC**

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2010303591 Merck Sharp & Dohme Corp. The name of the patentee has been altered to **Merck Sharp & Dohme LLC**

2010313571 Merck Sharp & Dohme Corp. The name of the patentee has been altered to **Merck Sharp & Dohme LLC**

2010315304 Merck Sharp & Dohme Corp. The name of the patentee has been altered to **Merck Sharp & Dohme LLC**

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2011

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2012

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2012236479 Merck Sharp & Dohme Corp. The name of the patentee has been altered to **Merck Sharp & Dohme LLC**

2012244278 Merck Sharp & Dohme Corp. The name of the patentee has been altered to **Merck Sharp & Dohme LLC**

2012272788 Merck Sharp & Dohme Corp. The name of the patentee has been altered to **Merck Sharp & Dohme LLC**

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2012304783 Merck Sharp & Dohme Corp. The name of the patentee has been altered to **Merck Sharp & Dohme LLC**

2013

2013361188 PurpleSun Solutions, Inc. The name of the patentee has been altered to **Leviant, Inc.**

2014

2014346554 Memorial Sloan-Kettering Cancer Center; Generon (Shanghai) Corporation, Ltd. The name of the patentee has been altered to **Evive Biotechnology (Shanghai) Ltd; Memorial Sloan-Kettering Cancer Center**

2017

2017213522 PurpleSun Solutions, Inc. The name of the patentee has been altered to **Leviant, Inc.**

2017369603 CleveXel Pharma; Institut Gustave Roussy The name of the patentee has been altered to **CleveXel Pharma; Institut Gustave Roussy; Université Paris Saclay**

2018

2018263385 AEXOS Inc. The name of the applicant has been altered to **Kapsul Tech Corp.**

2018388665 The Chamberlain Group, Inc. The name of the applicant has been altered to **The Chamberlain Group LLC**

2019

2019204237 PurpleSun Solutions, Inc. The name of the patentee has been altered to **Leviant, Inc.**

2020

2020221384 Les Laboratoires Servier SAS The name of the applicant has been altered to **Les Laboratoires Servier**

2020227014 Memorial Sloan-Kettering Cancer Center; Generon (Shanghai) Corporation, Ltd. The name of the applicant has been altered to **Memorial Sloan-Kettering Cancer Center; Evive Biotechnology (Shanghai) Ltd**

2021

2021225057 Faunaphotonics Agriculture & Environmental A/S The name of the applicant has been altered to **FaunaPhotonics Agriculture & Environmental A/S**

2022

2022902806 Kegland Distribution Pty Ltd The name of the applicant has been altered to **Kegland Holdings PTY LTD**

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(71) Abbott Rapid Diagnostics International Unlimited Company; Hu, H.
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 (54) Assay Device
 (51) Int. Cl.
G01N 33/543 (2006.01)
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 (72) HU, Hyde; CHEN, Jet; GOU, Larkin; WANG, Jianfeng; GAO, Amasong
 (74) WRAYS PTY LTD

(71) AbbVie Inc.
 (11) AU-A-2022241500
 (21) 2022241500 (22) 28.09.2022
 (54) Topical formulation
 (51) Int. Cl.
A61K 9/00 (2006.01)
A61K 8/81 (2006.01)
A61K 9/06 (2006.01)
A61K 47/06 (2006.01)
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 (72) LIPARI, John M.; ZOCHARSKI, Philip D.
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 (54) S-ENANTIOMERICALLY ENRICHED COMPOSITIONS OF BETA BLOCKERS FOR TREATING MUSCLE WEAKNESS
 (51) Int. Cl.
A61K 31/138 (2006.01)
A61P 21/00 (2006.01)
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 (72) Anker, Stefan; Coats, Andrew J. S.
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(71) Acuitas Therapeutics, Inc.
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 (54) Novel carbonyl lipids and lipid nanoparticle formulations for delivery of nucleic acids
 (51) Int. Cl.
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 (74) Davies Collison Cave Pty Ltd

(71) Acutus Medical, Inc.
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 (21) 2022241612 (22) 30.09.2022
 (54) Cardiac mapping system with efficiency algorithm
 (51) Int. Cl.
A61B 5/318 (2021.01)
A61B 5/05 (2021.01)
A61B 5/107 (2006.01)
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 (74) Griffith Hack

(71) AHF, LLC
 (11) AU-A-2022241589
 (21) 2022241589 (22) 30.09.2022
 (54) UV CURABLE ABRASION RESISTANT COATING
 (51) Int. Cl.
C09D 5/00 (2006.01)
B32B 5/16 (2006.01)
C08J 3/28 (2006.01)
C08K 3/04 (2006.01)
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 (72) Sigel, Gary A.; Tian, Dong; Baker, Daniel P.
 (74) Houlihan2 Pty Ltd

(71) Alcon Inc.
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 (72) Milanovic, Zoran; Wei, Xin; Hong, Xin
 (74) PHILLIPS ORMONDE FITZPATRICK

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 (74) WRAYS PTY LTD

(71) Ampersand Biopharmaceuticals, LLC; Sand, B.
 (11) AU-A-2022241559
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 (54) PARENTERAL NON-SYSTEMIC ADMINISTRATION OF BUFFERING AGENTS FOR INHIBITING METASTASIS OF SOLID TUMORS, HYPERPIGMENTATION AND GOUT
 (51) Int. Cl.
A61P 35/04 (2006.01)
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 (72) Sand, Bruce J.
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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 (54) Game token management system
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 (72) Shigeta, Yasushi
 (74) Davies Collison Cave Pty Ltd

(71) Apple Inc.
 (11) AU-A-2022241590
 (21) 2022241590 (22) 30.09.2022
 (54) Methods and interfaces for home media control
 (51) Int. Cl.
H04N 21/40 (2011.01)
G06F 3/048 (2013.01)
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 (74) FPA Patent Attorneys Pty Ltd

(71) Arbutus Biopharma Corporation
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 (21) 2022241505 (22) 28.09.2022
 (54) LIVER SCREENING METHOD
 (51) Int. Cl.
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 (72) DE FOUGEROLLES, Antonin; NOVOBRANTSEVA, Tatiana; BORODOVSKY, Anna; AKINC, Akin; TRACY, Mark
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 (54) Controlled-release CNP agonists with reduced side-effects
 (51) Int. Cl.
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 (72) Cleemann, Felix; Rasmussen, Caroline Elisabeth; Hersel, Ulrich; Rau, Harald; Sprogøe, Kennett
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Aurigene Discovery Technologies Limited
 (11) AU-A-2022241543
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 (54) 1,2,4-oxadiazole derivatives as immunomodulators
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C07D 271/06 (2006.01)
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 (72) Sasikumar, Pottayil Govindan Nair; Ramachandra, Muralidhara; Naremadepalli, Seetharamaiah Setty Sudarshan
 (74) Adrian M Trioli Patent and Trade Mark Attorney

(71) Australian Valve Group Pty Ltd
 (11) AU-A-2022202320
 (21) 2022202320 (22) 06.04.2022
 (54) VALVE CARTRIDGE, VALVE CARTRIDGE KIT, VALVE INCORPORATING A VALVE CARTRIDGE OR VALVE CARTRIDGE KIT AND A METHOD OF ASSEMBLING A VALVE
 (51) Int. Cl.
F16K 27/02 (2006.01)
F16K 1/32 (2006.01)
F16K 17/02 (2006.01)
F16K 17/04 (2006.01)
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 (72) Ullrot, Marcus Eric; Morris, Peter John
 (74) Golja Haines & Friend

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 (54) Skid-Steer Loader Attachment Assemblies and Methods for Performing Earth Augering Using a Skid-Steer Loader
 (51) Int. Cl.
E02F 3/36 (2006.01)
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E02F 5/04 (2006.01)
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 (72) Stephens, Nate
 (74) Pipers Intellectual Property

(71) Becton, Dickinson and Company
 (11) AU-A-2022241532
 (21) 2022241532 (22) 29.09.2022
 (54) Methods for expression profile classification
 (51) Int. Cl.
G06F 16/22 (2019.01)
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 (72) Fan, Jue; Zhang, Jesse; Hu, Jing
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Becton, Dickinson and Company
 (11) AU-A-2022241611
 (21) 2022241611 (22) 30.09.2022
 (54) Multi-use blood control safety catheter assembly
 (51) Int. Cl.
A61M 25/00 (2006.01)
A61M 25/06 (2006.01)
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A61M 25/18 (2006.01)
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 (72) HARDING, Weston; SHEVGOOR, Sidarth; TRAINER, Lawrence; MA, Yiping; BALASUBRAMANIAN, Sivaramakrishnan; DOWNIE, Patrick; BURKHOLZ, Jon; ISAACSON, Shawn; O'BRYAN, Jeff
 (74) FB Rice Pty Ltd

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 (21) 2022246402 (22) 05.10.2022
 (54) Multiple use disposable injection pen
 (51) Int. Cl.
A61M 5/20 (2006.01)
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 (72) QUINN, Michael; CRONENBERG, Richard
 (74) FB Rice Pty Ltd

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 (11) AU-A-2021363110
 (21) 2021363110 (22) 07.04.2021
 (54) Method and system for personalized prediction of infection and sepsis
 (51) Int. Cl.
G16H 10/00 (2018.01)
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 (72) SELVARAJ, Nandakumar; PETTINATI, Michael Joseph; SHAH, Milan; RAJPUT, Kuldeep Singh
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 (54) Pharmaceutical composition comprising empagliflozin and uses thereof
 (51) Int. Cl.
A61K 31/7048 (2006.01)
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A61K 45/06 (2006.01)
A61P 9/04 (2006.01)
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 (72) BROEDL, Uli; SALSALI, Afshin; WOERLE, Hans-Juergen
 (74) Spruson & Ferguson

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 (11) AU-A-2022241511
 (21) 2022241511 (22) 28.09.2022
 (54) Systems and techniques for generating, infusing, and controlling radioisotope delivery
 (51) Int. Cl.
 G21G 1/00 (2006.01)
 A61K 51/12 (2006.01)
 (43) 27.10.2022
 (62) 2017332261
 (72) NUNN, Adrian; MOYERS, Clif; SCHIMMOELLER, Andrew; CHERUNDOLO, Brian; BOLAS, Tarah
 (74) Spruson & Ferguson

(71) BrainChip, Inc.
 (11) AU-A-2022241541
 (21) 2022241541 (22) 29.09.2022
 (54) EVENT-BASED CLASSIFICATION OF FEATURES IN A RECONFIGURABLE AND TEMPORALLY CODED CONVOLUTIONAL SPIKING NEURAL NETWORK
 (51) Int. Cl.
 G06G 7/00 (2006.01)
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 (72) VAN DER MADE, Peter AJ; MANKAR, Anil S.; CARLSON, Kristofer D.; CHENG, Marco
 (74) Milind Joshi

(71) Brellock Enterprises Pty Ltd
 (11) AU-A-2022241601
 (21) 2022241601 (22) 30.09.2022
 (54) Locking Device
 (51) Int. Cl.
 E04H 12/22 (2006.01)
 A45B 25/00 (2006.01)
 E04H 12/34 (2006.01)
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 (72) Finlayson, Malcolm
 (74) Sandercock & Cowie

(71) Breville USA, Inc.
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 (54) Food preparation control system
 (51) Int. Cl.
 G06Q 50/12 (2012.01)
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 (74) GLMR

(71) BRNC Industries Pty Ltd
 (11) AU-A-2022241593
 (21) 2022241593 (22) 30.09.2022
 (54) Magnetic Camera Mount
 (51) Int. Cl.

G03B 17/00 (2021.01)
 F16M 11/00 (2006.01)
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 (72) BOXER, Mark
 (74) Arceo IP

Butler Technology Pty Ltd see Cohen, B.
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(71) Canon Kabushiki Kaisha
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 (21) 2021202140 (22) 07.04.2021
 (54) Grouped feature map quantisation
 (51) Int. Cl.
 H04N 19/124 (2014.01)
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 (72) Rosewarne, Christopher James; Gan, Jonathan
 (74) Spruson & Ferguson

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 (54) 4:2:0 packing of feature maps
 (51) Int. Cl.
 H04N 19/102 (2014.01)
 G06N 3/02 (2006.01)
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 (21) 2021202142 (22) 07.04.2021
 (54) Tool selection for feature map encoding vs regular video encoding
 (51) Int. Cl.
 H04N 19/102 (2014.01)
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 (72) Rosewarne, Christopher James
 (74) Spruson & Ferguson

(71) CareFusion 303, Inc.
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 (21) 2022241565 (22) 29.09.2022
 (54) Reconstitution device for IV fluids and method of use
 (51) Int. Cl.
 A61J 1/10 (2006.01)
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 G16C 10/00 (2019.01)

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 (62) 2017299427
 (72) Tribble, Dennis Anthony; Utech, Thomas
 (74) FB Rice Pty Ltd

(71) Caterpillar Underground Mining Pty Ltd
 (11) AU-A-2021202152
 (21) 2021202152 (22) 08.04.2021
 (54) System, apparatus, and method to select and apply route properties of a mine site
 (51) Int. Cl.
 G01C 21/34 (2006.01)
 G01C 21/36 (2006.01)
 G05D 1/00 (2006.01)
 G06Q 10/04 (2012.01)
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 (72) Hemanth, Pradeep Kumar Penagaram; Shanker, Karthikeyan
 (74) FPA Patent Attorneys Pty Ltd

(71) Catttron North America, Inc.
 (11) AU-A-2022202269
 (21) 2022202269 (22) 05.04.2022
 (54) KEY FOBS AND MENU ACCESS LEVEL AUTHORIZATION FOR CONTROL PANELS VIA PAIRING WITH USER DEVICES
 (51) Int. Cl.
 G06F 3/01 (2006.01)
 G06F 3/02 (2006.01)
 G06F 3/041 (2006.01)
 G06F 9/00 (2006.01)
 G06F 17/00 (2019.01)
 G06F 17/40 (2006.01)
 G06F 21/46 (2013.01)
 G07C 9/23 (2020.01)
 H04L 12/22 (2006.01)
 H04W 4/80 (2018.01)
 H04W 12/50 (2021.01)
 H04W 88/00 (2009.01)
 (31) 63/171,913 (32) 07.04.21 (33) US
 17/707,700 29.03.22 US
 (43) 27.10.2022
 (72) Davis, Brett Allen
 (74) Michael Buck IP

(71) Cell Cure Neurosciences Ltd.
 (11) AU-A-2022241570
 (21) 2022241570 (22) 29.09.2022
 (54) Preparation of photoreceptors for the treatment of retinal diseases
 (51) Int. Cl.
 C12N 5/079 (2010.01)
 A61K 35/30 (2015.01)
 (43) 27.10.2022
 (62) 2016303631
 (72) Bohana-Kashtan, Osnat
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) CHASE PHARMACEUTICALS CORPORATION
 (11) AU-A-2022246374

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 (54) Method and composition for treating Alzheimer-type dementia
 (51) Int. Cl.
C12N 15/09 (2006.01)
 (43) 27.10.2022
 (62) 2020203741
 (72) CHASE, Thomas N.; CLARENCE-SMITH, Kathleen E.
 (74) Griffith Hack

(71) Chevron U.S.A. Inc.
 (11) AU-A-2022246395
 (21) 2022246395 (22) 05.10.2022
 (54) Systems and methods utilizing glycol for hydrate prevention with glycol regeneration by variable concentration control
 (51) Int. Cl.
C07C 7/20 (2006.01)
F17D 1/02 (2006.01)
 (43) 27.10.2022
 (62) 2021202289
 (72) Titley, Andrew Mark
 (74) FPA Patent Attorneys Pty Ltd

(71) CloudSeq Pte Ltd
 (11) AU-A-2022241571
 (21) 2022241571 (22) 29.09.2022
 (54) Methods and systems for generating workflows for analysing large data sets
 (51) Int. Cl.
G06Q 10/06 (2012.01)
 (43) 27.10.2022
 (62) 2015414467
 (72) SINGH, Dadabhai T.
 (74) FB Rice Pty Ltd

(71) CNH Industrial America LLC
 (11) AU-A-2022202358
 (21) 2022202358 (22) 08.04.2022
 (54) Agricultural header with swath gate for spreading and converging crop material
 (51) Int. Cl.
A01D 47/00 (2006.01)
 (31) 17/226,548 (32) 09.04.21 (33) US
 (43) 27.10.2022
 (72) Ritchey, Frederick; Fay II, Jeffrey B.; Wangsgard, Scott; Moyer, Terry S.; Cordes, Kevin; Eavenson, Jeffrey A.; Ingalls, Garin R.
 (74) Griffith Hack

(71) CNH Industrial America LLC
 (11) AU-A-2022241554
 (21) 2022241554 (22) 29.09.2022
 (54) System and method for destroying seeds in crop residue prior to discharge from agricultural harvester
 (51) Int. Cl.
A01D 41/00 (2006.01)
 (43) 27.10.2022
 (62) 2018204474
 (72) Isaac, Nathan; Roberge, Martin J.; Henry, Jim; Dilts, Mark
 (74) Griffith Hack

(71) Cohen, B.; Butler Technology Pty Ltd
 (11) AU-A-2021221498
 (21) 2021221498 (22) 24.08.2021
 (54) A drop tray
 (51) Int. Cl.
A47D 1/00 (2006.01)
A47D 15/00 (2006.01)
B65D 5/30 (2006.01)
 (31) 2021901051 (32) 11.04.21 (33) AU
 (43) 27.10.2022
 (72) Cohen, Bradley
 (74) Intelpro

(71) ConMed Corporation
 (11) AU-A-2022241568
 (21) 2022241568 (22) 29.09.2022
 (54) LIGAMENT REVISION SYSTEM
 (51) Int. Cl.
A61B 17/88 (2006.01)
 (43) 27.10.2022
 (62) 2019295521
 (72) KOHLER, Adam; KAM, Andrew; WOLF, Brian R.; LAHEY, Philip; WHITLOCK, Danielle L.
 (74) Griffith Hack

(71) Contemporary Amperex Technology Co., Limited
 (11) AU-A-2021435254
 (21) 2021435254 (22) 13.04.2021
 (54) Fan assembly, power supply device, and method for manufacturing power supply device
 (51) Int. Cl.
F04D 25/08 (2006.01)
H05K 7/20 (2006.01)
 (43) 27.10.2022
 (72) SU, Haibin
 (74) James & Wells Intellectual Property

(71) Coulter Ventures LLC
 (11) AU-A-2022246383
 (21) 2022246383 (22) 04.10.2022
 (54) Adjustable carriage assembly for pivotable arm for weight rack
 (51) Int. Cl.
A63B 21/062 (2006.01)
A63B 17/00 (2006.01)
A63B 21/055 (2006.01)
A63B 21/06 (2006.01)
A63B 21/065 (2006.01)
A63B 21/072 (2006.01)
A63B 21/078 (2006.01)
A63B 21/08 (2006.01)
A63B 21/16 (2006.01)
A63B 23/035 (2006.01)
A63B 23/04 (2006.01)
 (43) 27.10.2022
 (62) 2019231690
 (72) JONES, Ahmik; CARMICHAEL, James; HENNIGER, Bill; ROBERTO, Anthony; SERGAKIS, Emmanuel; ADAMS, Bryan; SCOTT, Austin
 (74) Griffith Hack

(71) Cripps Clark, J.
 (11) AU-A-2022228135

(21) 2022228135 (22) 07.09.2022
 (54) DaoCanRock – methods, systems and devices exploiting advanced digital technologies where accountability and governance in collaborative environments is important either to participants, communities or sovereignties including peer-to-peer organizations and where there may be resourcing or safety risks.
 (51) Int. Cl.
G06Q 10/06 (2012.01)
G06Q 50/18 (2012.01)
G06Q 50/26 (2012.01)
 (31) 2022900007 (32) 03.01.22 (33) AU
 (43) 27.10.2022
 (62) 2022201926,2022203235
 (72) Cripps Clark, Julianne
 (74) Julianne Mary Cripps Clark

(71) CSL Limited
 (11) AU-A-2022241636
 (21) 2022241636 (22) 04.10.2022
 (54) METHOD OF TREATING ATHEROSCLEROSIS
 (51) Int. Cl.
A61K 38/57 (2006.01)
A61K 39/395 (2006.01)
A61P 9/10 (2006.01)
C07K 14/745 (2006.01)
C07K 14/81 (2006.01)
C07K 16/36 (2006.01)
 (43) 27.10.2022
 (62) 2017247004
 (72) Panousis, Con; Peter, Karlheinz; Hosseini, Hamid; Chen, Yung-Chih
 (74) FB Rice Pty Ltd

(71) Cytroniq Co., Ltd.
 (11) AU-A-2022241564
 (21) 2022241564 (22) 29.09.2022
 (54) SYSTEM AND METHOD FOR PROVIDING INFORMATION ON FUEL SAVINGS, SAFE OPERATION, AND MAINTENANCE BY REAL-TIME PREDICTIVE MONITORING AND PREDICTIVE CONTROLLING OF AERODYNAMIC AND HYDRODYNAMIC ENVIRONMENTAL INTERNAL/EXTERNAL FORCES, HULL STRESSES, MOTION WITH SIX DEGREES OF FREEDOM, AND THE LOCATION OF MARINE STRUCTURE
 (51) Int. Cl.
B63B 49/00 (2006.01)
B63B 71/10 (2020.01)
B63B 79/10 (2020.01)
B63B 79/15 (2020.01)
B63B 79/30 (2020.01)
B63B 79/40 (2020.01)
G01B 11/16 (2006.01)
G01L 1/24 (2006.01)
 (43) 27.10.2022
 (62) 2020204051
 (72) Lee, Michael Myung Sub
 (74) LAMINAR IP PTY LTD

(71) Dart Industries Inc.
 (11) AU-A-2022201956
 (21) 2022201956 (22) 22.03.2022

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(54) FREEZABLE AND REUSABLE BOTTLE AND METHOD OF MAKING THE BOTTLE
 (51) Int. Cl.
B65D 1/02 (2006.01)
B65D 25/20 (2006.01)
B65D 85/00 (2006.01)
 (31) 17/227,498 (32) 12.04.21 (33) US
 (43) 27.10.2022
 (72) Avalos, Norma Angelica; Haggerty, Keith
 (74) Phillips Ormonde Fitzpatrick

(71) Dexcom, Inc.
 (11) AU-A-2022246382
 (21) 2022246382 (22) 04.10.2022
 (54) Systems and methods for providing sensitive and specific alarms
 (51) Int. Cl.
A61B 5/00 (2006.01)
A61B 5/145 (2006.01)
 (43) 27.10.2022
 (62) 2021201309
 (72) BHAVARAJU, Naresh C.; COBELLI, Claudio; FACCHINETTI, Andrea; HAMPURAM, Hari; KAMATH, Apurv Ullas; RACK-GOMER, Anna Leigh; SPARACINO, Giovanni; ZECCHIN, Chiara
 (74) FB Rice Pty Ltd

(71) Dexcom, Inc.
 (11) AU-A-2022246384
 (21) 2022246384 (22) 04.10.2022
 (54) User interfaces for continuous glucose monitoring
 (51) Int. Cl.
G06F 19/00 (2018.01)
 (43) 27.10.2022
 (62) 2020257103
 (72) KOEHLER, Katherine Yerre; CABRERA, Esteban; COHEN, Eric; DERVAES, Mark; DRAEGER, Rian; GAANO, Sheryl Sadsarin; HALL, Thomas; KRAMER, Paul; LARVENZ, Shawn; MENSINGER, Michael Robert; NOBLE-CAMPBELL, Paul; PAL, Andrew Attila; REIHMANN, Eli; SMITH, Brian Christopher; TRAVEN, Angela Marie
 (74) FB Rice Pty Ltd

(71) Dolby International AB
 (11) AU-A-2022241538
 (21) 2022241538 (22) 29.09.2022
 (54) Complex Exponential Modulated Filter Bank for High Frequency Reconstruction or Parametric Stereo
 (51) Int. Cl.
H03H 17/02 (2006.01)
 (43) 27.10.2022
 (62) 2021204773
 (72) Ekstrand, Per
 (74) Chrysiliou IP

(71) Dolby International AB
 (11) AU-A-2022241544
 (21) 2022241544 (22) 29.09.2022

(54) Efficient combined harmonic transposition
 (51) Int. Cl.
G10L 21/02 (2013.01)
G10L 21/04 (2013.01)
 (43) 27.10.2022
 (62) 2021200726
 (72) Ekstrand, Per; Villemoes, Lars; Hedelin, Per
 (74) Chrysiliou IP

(71) Dolby International AB
 (11) AU-A-2022241555
 (21) 2022241555 (22) 29.09.2022
 (54) Pitch Filter for Audio Signals and Method for Filtering an Audio Signal with a Pitch Filter
 (51) Int. Cl.
G10L 19/02 (2013.01)
G10L 19/26 (2013.01)
G10L 19/107 (2013.01)
G10L 19/20 (2013.01)
 (43) 27.10.2022
 (62) 2021204569
 (72) RESCH, Barbara; KJORLING, Kristofer; VILLEMoes, Lars
 (74) Chrysiliou IP

(71) Dowsing (NSW) Pty Ltd
 (11) AU-A-2021245113
 (21) 2021245113 (22) 05.10.2021
 (54) A MODULAR DUST EXTRACTION UNIT
 (51) Int. Cl.
E21C 35/22 (2006.01)
B08B 15/00 (2006.01)
E01C 23/088 (2006.01)
E02F 3/00 (2006.01)
E02F 9/00 (2006.01)
E21F 5/20 (2006.01)
B01D 46/00 (2006.01)
B01D 46/02 (2006.01)
 (31) 2021901049 (32) 09.04.21 (33) AU
 (43) 27.10.2022
 (72) MCLEAN, Michael Paul
 (74) Griffith Hack

(71) Duke University
 (11) AU-A-2022209223
 (21) 2022209223 (22) 26.07.2022
 (54) NON-REGULAR ELECTRICAL STIMULATION PATTERNS FOR TREATING NEUROLOGICAL DISORDERS
 (51) Int. Cl.
A61N 1/00 (2006.01)
 (43) 27.10.2022
 (62) 2020213383
 (72) GRILL, Warren M.; DORVAL, Alan D.
 (74) Maxwells Patent & Trade Mark Attorneys Pty Ltd

(71) Epizyme, Inc.
 (11) AU-A-2022242157
 (21) 2022242157 (22) 04.10.2022
 (54) INHIBITORS OF HUMAN EZH2, AND METHODS OF USE THEREOF
 (51) Int. Cl.

C07D 473/34 (2006.01)
A61K 38/17 (2006.01)
A61P 35/00 (2006.01)
G01N 33/50 (2006.01)
G01N 33/53 (2006.01)
G01N 33/68 (2006.01)
 (43) 27.10.2022
 (62) 2020203245
 (72) Copeland, Robert Allen; Richon, Victoria Marie; Scott, Margaret Davis; Sneeringer, Christopher John; Kuntz, Kevin Wayne; Knutson, Sarah Kathleen; Pollock, Roy Macfarlane
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Etex Australia Pty Ltd
 (11) AU-A-2021202162
 (21) 2021202162 (22) 08.04.2021
 (54) Interior wall system
 (51) Int. Cl.
E04F 13/08 (2006.01)
E04B 2/58 (2006.01)
E04B 1/24 (2006.01)
E04B 2/72 (2006.01)
E04B 2/74 (2006.01)
 (43) 27.10.2022
 (72) Sherbat Bataghva, Alireza
 (74) Phillips Ormonde Fitzpatrick

(71) F. Hoffmann-La Roche AG
 (11) AU-A-2022241561
 (21) 2022241561 (22) 29.09.2022
 (54) Dosage form compositions comprising an inhibitor of Bruton's tyrosine kinase
 (51) Int. Cl.
A61K 31/4985 (2006.01)
A61K 9/14 (2006.01)
A61K 9/20 (2006.01)
A61K 47/12 (2006.01)
A61P 35/00 (2006.01)
A61P 37/00 (2006.01)
 (43) 27.10.2022
 (62) 2017227929
 (72) Mao, Chen; Kou, Dawen; Chiang, Po-Chang
 (74) Spruson & Ferguson

(71) Fisher & Paykel Healthcare Limited
 (11) AU-A-2022241569
 (21) 2022241569 (22) 29.09.2022
 (54) A patient interface
 (51) Int. Cl.
A61M 16/08 (2006.01)
A61M 16/06 (2006.01)
 (43) 27.10.2022
 (62) 2020257153
 (72) MILNE, Robert Andrew David; JOHNSON, Chelsea Erin; SHEARER, Riki Zane; RONAYNE, Michael Paul; WILSON, Daniel Charles; STANLEY, Leon Tyler
 (74) AJ PARK

(71) FISHER & PAYKEL HEALTHCARE LIMITED
 (11) AU-A-2022245015

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 (54) INTERFACE COMPRISING A NASAL SEALING PORTION
 (51) Int. Cl.
A61M 16/06 (2006.01)
 (43) 27.10.2022
 (62) 2021202567
 (72) BEARNE, Peter David Alexander; PATEL, Roheet; MIDDELKOOP, Kristin Elizabeth; COX, Michael John Henri; MASHAL, Fadi; OLSEN, Gregory James; MASON, Isaac Tristram Tane; STEPHENSON, Matthew Roger
 (74) AJ PARK

(71) FOOKS, R.
 (11) AU-A-2022202419
 (21) 2022202419 (22) 12.04.2022
 (54) Thermal Bridging Skylight System
 (51) Int. Cl.
E04D 13/03 (2006.01)
E06B 7/14 (2006.01)
 (31) 2021901063 (32) 12.04.21 (33) AU
 (43) 27.10.2022
 (72) FOOKS, Rodric Lindsay
 (74) Wallington-Dummer

(71) FORMA Therapeutics, Inc.
 (11) AU-A-2022241506
 (21) 2022241506 (22) 28.09.2022
 (54) Pyrrolopyrrole compositions as pyruvate kinase (PKR) activators
 (51) Int. Cl.
C07D 487/04 (2006.01)
A61K 31/407 (2006.01)
A61P 7/00 (2006.01)
C07D 519/00 (2006.01)
 (43) 27.10.2022
 (62) 2021201244
 (72) ERICSSON, Anna; GREEN, Neal; GUSTAFSON, Gary; HAN, Bingsong; LANCIA Jr., David R.; MITCHELL, Lorna; RICHARD, David; SHELEKHIN, Tatiana; SMITH, Chase C.; WANG, Zhongguo; ZHENG, Xiaozhang
 (74) Spruson & Ferguson

(71) Frank's International, LLC
 (11) AU-A-2022202321
 (21) 2022202321 (22) 06.04.2022
 (54) Offshore Pipelaying System Using Friction Stir Welding
 (51) Int. Cl.
B23K 20/12 (2006.01)
B63B 35/03 (2006.01)
F16L 1/12 (2006.01)
 (31) 63,171,733 (32) 07.04.21 (33) US
 17/712,348 04.04.22 US
 (43) 27.10.2022
 (72) LAKEY, Nigel; DOMEK, Brennan; ANGELLE, Jeremy R.; WEBER, Matthew
 (74) WRAYS PTY LTD

(71) GROWOP WORLD LTD.
 (11) AU-A-2022202306
 (21) 2022202306 (22) 06.04.2022

(54) SYSTEM FOR SATURATING A MEDIUM
 (51) Int. Cl.
A01G 27/00 (2006.01)
 (31) 282247 (32) 11.04.21 (33) IL
 63/306,118 03.02.22 US
 (43) 27.10.2022
 (72) CHAMAMI, Ziv
 (74) LAMINAR IP PTY LTD

(71) Hewlett-Packard Development Company, L.P.
 (11) AU-A-2022241616
 (21) 2022241616 (22) 30.09.2022
 (54) Integrated circuits including memory cells
 (51) Int. Cl.
B41J 2/045 (2006.01)
B41J 2/14 (2006.01)
 (43) 27.10.2022
 (62) 2019428064
 (72) LINN, Scott A.; GARDNER, James Michael; CUMBIE, Michael W.
 (74) FB Rice Pty Ltd

Hu, H. see Abbott Rapid Diagnostics International Unlimited Company
 (21) 2021359041

(71) Hürlimann Railtec AG
 (11) AU-A-2022246378
 (21) 2022246378 (22) 04.10.2022
 (54) Device for discharging multi-component adhesives onto a granular mixture, discharging method, and use of the device
 (51) Int. Cl.
B60F 1/00 (2006.01)
B05B 1/20 (2006.01)
B05B 12/12 (2006.01)
B05B 12/14 (2006.01)
B61D 15/00 (2006.01)
 (43) 27.10.2022
 (62) 2017294925
 (72) Huerlimann, Adrian
 (74) SPICER SPICER PTY LTD

(71) Hydrokinetic Energy Corp
 (11) AU-A-2022241572
 (21) 2022241572 (22) 29.09.2022
 (54) Hydroelectric/Hydrokinetic Turbine And Methods For Making And Using Same
 (51) Int. Cl.
F03B 17/06 (2006.01)
F03B 11/02 (2006.01)
H02K 7/18 (2006.01)
 (43) 27.10.2022
 (62) 2020220064
 (72) SCHURTENBERGER, Walter
 (74) WRAYS PTY LTD

(71) Illinois Tool Works Inc.
 (11) AU-A-2022202335
 (21) 2022202335 (22) 07.04.2022
 (54) Post bracket and system for forming same
 (51) Int. Cl.

E04B 1/26 (2006.01)
 (31) 2021901008 (32) 07.04.21 (33) AU
 (43) 27.10.2022
 (72) Kennelly, Bernard Joseph; Robinson, Frazer Brad
 (74) Davies Collison Cave Pty Ltd

(71) InCube Labs, LLC
 (11) AU-A-202241560
 (21) 2022241560 (22) 29.09.2022
 (54) Systems and methods for patient-enabled bladder control
 (51) Int. Cl.
A61N 1/00 (2006.01)
A61N 1/05 (2006.01)
A61N 1/36 (2006.01)
A61N 1/372 (2006.01)
A61N 1/375 (2006.01)
A61N 1/378 (2006.01)
 (43) 27.10.2022
 (62) 2021204010
 (72) IMRAN, Mir
 (74) Spruson & Ferguson

(71) Innovative Building Technologies, LLC
 (11) AU-A-2022246377
 (21) 2022246377 (22) 04.10.2022
 (54) Manufactured interior finish system
 (51) Int. Cl.
E04B 9/00 (2006.01)
E04B 9/06 (2006.01)
E04B 9/18 (2006.01)
E04B 9/24 (2006.01)
E04B 9/28 (2006.01)
E04F 13/08 (2006.01)
 (43) 27.10.2022
 (62) 2019381637
 (72) COLLINS, Arlan; WOERMAN, Mark; MADRIAGA, Gilbert
 (74) Spruson & Ferguson

(71) Interscope, Inc.
 (11) AU-A-2022241598
 (21) 2022241598 (22) 30.09.2022
 (54) SURGICAL CONSOLE, SPECIMEN RECEIVER, AND INSERTABLE ENDOSCOPIC INSTRUMENT FOR TISSUE REMOVAL
 (51) Int. Cl.
A61B 1/31 (2006.01)
A61B 1/015 (2006.01)
A61B 1/12 (2006.01)
A61M 1/00 (2006.01)
 (43) 27.10.2022
 (62) 2017235541
 (72) Furlong, Cosme; Marcoux, Michael W.; Wisdom, Richard Stephen; Rebh, William R.; Costa, Evan; Evans, Stephen C.
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) JM & ZC HOLDINGS PTY LTD
 (11) AU-A-2022202354
 (21) 2022202354 (22) 08.04.2022
 (54) TOW HITCH APPARATUS
 (51) Int. Cl.
B60D 1/06 (2006.01)

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B60D 1/14 (2006.01)
B60D 1/52 (2006.01)
(31) 2021901023 **(32)** 08.04.21 **(33)** AU
(43) 27.10.2022
(72) Cannan, Zoe; Mills, Jake
(74) Michael Buck IP

(71) Joy Global Underground Mining LLC
(11) AU-A-2022241519
(21) 2022241519 **(22)** 28.09.2022
(54) Spray nozzle for underground roof support
(51) Int. Cl.
E21F 5/02 (2006.01)
E21C 35/22 (2006.01)
E21D 23/00 (2006.01)
E21F 13/08 (2006.01)
(43) 27.10.2022
(62) 2016259352
(72) Fairhurst, Andrew G.
(74) Griffith Hack

(71) Kamstrup A/S
(11) AU-A-2022202036
(21) 2022202036 **(22)** 24.03.2022
(54) METHOD FOR LOCATING A LEAK IN A WATER SUPPLY NETWORK
(51) Int. Cl.
G01F 1/66 (2022.01)
G01F 1/56 (2006.01)
G01F 1/76 (2006.01)
G01M 3/26 (2006.01)
(31) 21167496.5 **(32)** 08.04.21 **(33)** EP
(43) 27.10.2022
(72) Dupont, Sune Hoveroust
(74) Madderns Pty Ltd

(71) Kerkhoff, S.
(11) AU-A-2021218057
(21) 2021218057 **(22)** 17.08.2021
(54) SAFETY HELMET
(51) Int. Cl.
A42B 3/04 (2006.01)
F16B 2/08 (2006.01)
F16B 2/10 (2006.01)
F16B 2/18 (2006.01)
(31) 2021901040 **(32)** 09.04.21 **(33)** AU
(43) 27.10.2022
(72) Kerkhoff, Stefan
(74) Mann IP

(71) Kyocera Corporation; The University of Tokyo
(11) AU-A-2022241515
(21) 2022241515 **(22)** 28.09.2022
(54) Estimation apparatus, estimation system, and estimation program
(51) Int. Cl.
A61B 6/00 (2006.01)
(43) 27.10.2022
(62) 2019339090
(72) MORO, Toru; TANAKA, Sakae; HONDA, Shintaro; KYOMOTO, Masayuki; WATANABE, Kenichi
(74) FB Rice Pty Ltd

(71) L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procedes Georges Claude
(11) AU-A-2022201770
(21) 2022201770 **(22)** 15.03.2022
(54) ELECTROLYSIS ARRANGEMENT FOR ALKALINE ELECTROLYSIS
(51) Int. Cl.
C25B 15/02 (2021.01)
C25B 1/04 (2021.01)
C25B 15/08 (2006.01)
(31) 21020193.5 **(32)** 09.04.21 **(33)** EP
(43) 27.10.2022
(72) Tadiello, Jean-Philippe; Do, Nga Thi Quynh
(74) Madderns Pty Ltd

(71) L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procedes Georges Claude
(11) AU-A-2022201771
(21) 2022201771 **(22)** 15.03.2022
(54) ELECTROLYSIS ARRANGEMENT FOR ALKALINE ELECTROLYSIS AND METHOD THEREFOR
(51) Int. Cl.
C25B 15/02 (2021.01)
C25B 1/04 (2021.01)
C25B 15/029 (2021.01)
C25B 15/033 (2021.01)
C25B 15/08 (2006.01)
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(74) Madderns Pty Ltd

(71) Lashify, Inc.
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(21) 2022235619 **(22)** 23.09.2022
(54) Artificial lash extensions
(51) Int. Cl.
A41G 5/02 (2006.01)
A41G 5/00 (2006.01)
A45D 2/48 (2006.01)
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(72) LOTTI, Sahara
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(71) Lashify, Inc.
(11) AU-A-2022246369
(21) 2022246369 **(22)** 04.10.2022
(54) Applicators and cases for artificial lash extensions
(51) Int. Cl.
A41G 5/02 (2006.01)
A45D 26/00 (2006.01)
B25B 9/02 (2006.01)
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(54) A METHOD, SYSTEM AND PORTABLE DEVICE FOR ENABLING REPORTING OF USER LOCATIONS
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G01S 1/02 (2010.01)
G08B 7/06 (2006.01)
G08B 21/02 (2006.01)
H04W 4/029 (2018.01)
H04W 4/33 (2018.01)
H04W 4/80 (2018.01)
H04W 88/02 (2009.01)
G08C 17/02 (2006.01)
H04W 4/021 (2018.01)
H04W 84/12 (2009.01)
(31) 2021901077 **(32)** 13.04.21 **(33)** AU
(43) 27.10.2022
(72) GOMES, Steve Mike
(74) Griffith Hack

(71) LG ELECTRONICS INC.
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(21) 2022202406 **(22)** 12.04.2022
(54) WATER PURIFYING APPARATUS AND REFRIGERATOR INCLUDING THE SAME
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B01D 35/30 (2006.01)
B01D 27/09 (2006.01)
F16K 27/12 (2006.01)
F16L 21/00 (2006.01)
F25D 23/12 (2006.01)
(31) 10-2021-0047919 **(32)** 13.04.21 **(33)** KR
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(72) KIM, Youngjae; YOON, Changhwan
(74) Dentons Patent Attorneys Australasia Limited

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(21) 2022202423 **(22)** 12.04.2022
(54) WATER PURIFIER
(51) Int. Cl.
A47J 31/60 (2006.01)
A47J 31/34 (2006.01)
A47J 31/46 (2006.01)
A47J 31/54 (2006.01)
A47J 31/58 (2006.01)
B01D 35/30 (2006.01)
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(74) Dentons Patent Attorneys Australasia Limited

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(54) Wind-powered Computing Buoy
(51) Int. Cl.
F03D 1/06 (2006.01)
B63B 22/24 (2006.01)
F03D 9/10 (2016.01)
F03D 9/11 (2016.01)
F03D 9/20 (2016.01)
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 F21V 8/00 (2006.01)

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(71) Mahfouz, M.
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 A61F 2/30 (2006.01)

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 (74) FPA Patent Attorneys Pty Ltd

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 G01P 21/00 (2006.01)

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 (54) Systems for a robotic-assisted revision
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 A61K 33/00 (2006.01)
 A61P 9/12 (2006.01)
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 MOVING ITEMS

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 A47B 46/00 (2006.01)
 A47B 77/10 (2006.01)
 B60P 1/44 (2006.01)
 B60R 11/00 (2006.01)
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 (74) Ahearn Fox

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 (54) Non-invasive agent applicator
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 A61M 37/00 (2006.01)
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 GELIER, Sean Michael
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 maceutical Company Limited
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 (54) A method for measuring the concentra-
 tion of a chemical species using a re-
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 H04L 67/125 (2022.01)
 A62C 3/02 (2006.01)
 G05B 19/048 (2006.01)
 G06Q 50/10 (2012.01)
 G08B 17/10 (2006.01)
 G08B 17/12 (2006.01)
 G08B 27/00 (2006.01)
 H04L 67/025 (2022.01)
 H04Q 9/02 (2006.01)
 G05B 19/04 (2006.01)
 H04W 4/38 (2018.01)
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 (72) Ng, Fan
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 (74) FPA Patent Attorneys Pty Ltd

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 (54) Apparatus and methods of spectacle
 solutions for myopia
 (51) Int. Cl.

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(74) FPA Patent Attorneys Pty Ltd

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(54) MINIMALLY DISRUPTIVE RETRACT-
 OR AND ASSOCIATED METHODS
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A61B 1/32 (2006.01)
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(54) Rod lock out clamp
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E21B 43/12 (2006.01)
E21B 33/03 (2006.01)
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(71) Okletsplay Incorporated
(11) AU-A-2022246379
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(54) Method, device, and computer-readable
 medium for wagering on a skills-based
 digital gaming competition with an out-
 of-game peer wagering module
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A63F 9/24 (2006.01)
G07F 17/32 (2006.01)
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E04B 7/24 (2006.01)
E04B 1/343 (2006.01)
E04B 1/344 (2006.01)
E04H 1/12 (2006.01)
B65D 90/00 (2006.01)
B65D 90/06 (2006.01)
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B65D 19/04 (2006.01)
B29C 45/00 (2006.01)
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(71) Panduit Corp.
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G09F 3/00 (2006.01)
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 PASSING SUTURE THROUGH SOFT
 TISSUE
(51) Int. Cl.
A61B 17/062 (2006.01)
A61B 17/00 (2006.01)
A61B 17/03 (2006.01)
A61B 17/04 (2006.01)
A61B 17/06 (2006.01)
A61B 17/29 (2006.01)
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 Pharmaceuticals Inc.**
(21) 2022246388

(71) Popeye Marine Biotechnology Limited
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 AND PRODUCT THEREOF
(51) Int. Cl.
A01K 61/00 (2017.01)
(31) 110112541 **(32)** 07.04.21 **(33)** TW
 111111279 25.03.22 TW
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(74) Maddersn Pty Ltd

(71) Rosemount Inc.
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H04W 4/02 (2018.01)
G01S 5/00 (2006.01)
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 KARSCHNIA, Robert J.; ROBINSON,
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 GER, Robert; LOVEGREN, Eric Rus-
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 SON, James A.; NEUHARTH, Jared
(74) Maddersn Pty Ltd

(71) Royal Melbourne Institute of Techno-
 logy; Meat & Livestock Australia Limited
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 branes
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G01N 27/407 (2006.01)
B01D 53/22 (2006.01)
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 als, LLC**
(21) 2022241559

(71) Seagen Inc.
(11) AU-A-2022241509
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(54) Treatment of HER2 positive cancers
(51) Int. Cl.
A61K 39/395 (2006.01)
A61K 31/517 (2006.01)
A61K 31/7068 (2006.01)
A61P 35/00 (2006.01)
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F16K 31/00 (2006.01)
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 Peter; KRUIJER, Alfred; VAN RIJS,
 Willem
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 (51) Int. Cl.
C02F 1/50 (2006.01)
C02F 1/00 (2006.01)
C02F 1/44 (2006.01)
C02F 1/66 (2006.01)
C02F 1/68 (2006.01)
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 (54) Flexible head joints for cordless ratchet tools
 (51) Int. Cl.
B25B 21/00 (2006.01)
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 (31) 17/229,179 (32) 13.04.21 (33) US
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 (72) BEER, Joshua M.
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 (21) 2022241556 (22) 29.09.2022
 (54) METHOD, SYSTEM AND CONTROLLER FOR PROVIDING GOODS AND/OR SERVICES TO CONSUMERS
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G06Q 30/00 (2012.01)
G06Q 30/02 (2012.01)
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 (54) WALL AND CEILING CONSTRUCTION
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E04B 2/74 (2006.01)
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 (72) Xiao, Lei
 (74) Patent Attorney Services

(71) Sunovion Pharmaceuticals Inc.; PGI Drug Discovery LLC
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 (54) Compounds and compositions and uses thereof
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C07D 491/056 (2006.01)

C07D 311/76 (2006.01)
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 (74) FPA Patent Attorneys Pty Ltd

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 (74) Davies Collison Cave Pty Ltd

(71) Takeda Pharmaceutical Company Limited; Myovant Sciences GmbH
 (11) AU-A-2022241582
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 (54) Methods of treating uterine fibroids and endometriosis
 (51) Int. Cl.
A61K 31/513 (2006.01)
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 (74) FPA Patent Attorneys Pty Ltd

(71) Tao Mining Co., Ltd.
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 (54) DEVICE, BODY, METHOD AND SYSTEM FOR HEALTH-CARE
 (51) Int. Cl.
A61H 39/04 (2006.01)
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 (72) TSAI, Ching-Fu
 (74) Wynnes Patent and Trade Mark Attorneys Pty Ltd

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 (51) Int. Cl.

A61H 39/04 (2006.01)
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 (72) TSAI, Ching-Fu
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(71) Tao Mining Co., Ltd.
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 (54) DEVICE, BODY, METHOD AND SYSTEM FOR HEALTH-CARE
 (51) Int. Cl.
A61H 39/04 (2006.01)
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 (72) TSAI, Ching-Fu
 (74) Wynnes Patent and Trade Mark Attorneys Pty Ltd

(71) TARIS Biomedical LLC
 (11) AU-A-2022241586
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 (54) Drug delivery devices and methods
 (51) Int. Cl.
A61M 31/00 (2006.01)
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B60D 1/28 (2006.01)
B60D 1/52 (2006.01)
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 (72) Taylor, Seamus
 (74) Taylored Automotive Services PTY LTD

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 (54) Devices and systems to mitigate traumatic brain and other injuries caused by concussive or blast forces
 (51) Int. Cl.
A61B 17/132 (2006.01)
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(71) Techtronic Cordless GP
 (11) AU-A-2022202334

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 (51) Int. Cl.
 B25H 3/04 (2006.01)
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 (72) JENKINS, J. Luke; PATRICK, Robert
 Andrew
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(71) Terra Lana Products Limited
 (11) AU-A-2022202110
 (21) 2022202110 (22) 29.03.2022
 (54) METHOD FOR SECURING INSULATION AND TOOL FOR CARRYING OUT THE METHOD
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 E04F 15/18 (2006.01)
 B27F 7/17 (2006.01)
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 E04C 3/12 (2006.01)
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 A61P 11/00 (2006.01)
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 A61L 2/16 (2006.01)
 A61L 2/18 (2006.01)
 A61L 9/00 (2006.01)
 B65D 81/15 (2006.01)
 B65D 81/22 (2006.01)
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 C07D 401/04 (2006.01)
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 (21) 2022202171 (22) 30.03.2022
 (54) FIRE NOTIFICATION SYSTEM WITH WIRELESS VOICE POSITIONING ALARM
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 (54) Device for extracting a swimming pool cleaning apparatus
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 (54) LINK RECOVERY IN WIRELESS COMMUNICATIONS
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<u>E02F 9 /-</u> 2021245113	<u>F03B 11 /-</u> 2022241572	<u>G01C 21 /-</u> 2021202152	<u>G06Q 10 /-</u> 2021202152 2022228135 2022241549 2022241571	<u>H04L 12 /-</u> 2022202269	
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<u>E04B 2 /-</u> 2021202162 2022241551	<u>F03D 1 /-</u> 2022241584	<u>G01K 13 /-</u> 2022201723	<u>G06Q 50 /-</u> 2021202152 2022202375 2022228135 2022241549	<u>H04N 19 /-</u> 2021202140 2021202141 2021202142	
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 B60K 15/067 (2006.01)
 B62J 35/00 (2006.01)
 B62J 40/00 (2020.01)
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A61P 3/10 (2006.01)
C12N 9/10 (2006.01)
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preventing pulmonary edema
(51) Int. Cl.
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A61P 11/00 (2006.01)
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for maintaining airway patency
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(11) AU-A-2021241518
(21) 2021241518 (22) 23.03.2021
(54) On-demand hydrostatic/hydraulic trig-
ger system
(51) Int. Cl.
E21B 7/06 (2006.01)
E21B 29/06 (2006.01)
E21B 34/10 (2006.01)
(87) WO2021/195030
(31) 16/829,068 (32) 25.03.20 (33) US
(43) 30.09.2021
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WOODRUFF, Alexander; YATES,
Chad; SHAIKH, Farhat
(74) FPA Patent Attorneys Pty Ltd
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- (71) Baker Hughes Oilfield Operations LLC
(11) AU-A-2021241519
(21) 2021241519 (22) 23.03.2021
(54) Casing exit anchor with redundant ac-
tivation system
(51) Int. Cl.
E21B 7/06 (2006.01)
E21B 23/01 (2006.01)
(87) WO2021/195033
(31) 16/829,049 (32) 25.03.20 (33) US
(43) 30.09.2021
(72) NGUYEN, Tuan; GREGUREK, Philip
M.
(74) FPA Patent Attorneys Pty Ltd
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(11) AU-A-2021244350
(21) 2021244350 (22) 23.03.2021
(54) Casing exit anchor with redundant ac-
tivation system
(51) Int. Cl.
E21B 7/06 (2006.01)
E21B 23/01 (2006.01)
E21B 29/06 (2006.01)
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(31) 16/829,056 (32) 25.03.20 (33) US
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(72) NGUYEN, Tuan; GREGUREK, Philip
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(11) AU-A-2021244353
(21) 2021244353 (22) 23.03.2021
(54) Casing exit anchor with redundant set-
ting system
(51) Int. Cl.
E21B 7/06 (2006.01)
E21B 23/01 (2006.01)
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(51) Int. Cl.
F16K 5/06 (2006.01)
F16K 31/12 (2006.01)
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(43) 07.10.2021
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(74) Patent Attorney Services
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(21) 2021270884 (22) 12.05.2021
(54) Cooling tower control system
(51) Int. Cl.
G05D 11/02 (2006.01)
C02F 1/50 (2006.01)
F25B 39/04 (2006.01)
- (87) WO2021/231551
(31) 63/023,467 (32) 12.05.20 (33) US
(43) 18.11.2021
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(74) Murray Trento & Associates Pty Ltd
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(11) AU-A-2021272362
(21) 2021272362 (22) 12.05.2021
(54) Carrycot to be detachably mounted on a base being dismountably attached in a vehicle or on a stroller frame
(51) Int. Cl.
B60N 2/28 (2006.01)
- (87) WO2021/228941
(31) 202010406407.X (32) 14.05.20 (33) CN
(43) 18.11.2021
(72) CHEN, Yingzhong
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(21) 2021272714 (22) 14.05.2021
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B60N 2/28 (2006.01)
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E02D 29/12 (2006.01)
B66F 19/00 (2006.01)
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F16B 13/06 (2006.01)
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C07D 471/04 (2006.01)
A01N 43/90 (2006.01)
C07D 487/04 (2006.01)
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(51) Int. Cl.
A61K 47/60 (2017.01)
A61K 9/00 (2006.01)
A61K 9/19 (2006.01)
A61K 38/22 (2006.01)
A61P 9/08 (2006.01)
A61P 11/08 (2006.01)
- (87) WO2021/198328
(31) 20168075.8 (32) 03.04.20 (33) EP
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(74) Davies Collison Cave Pty Ltd
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- (71) Beckman Coulter, Inc.
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(21) 2021247281 (22) 02.04.2021
(54) Electromagnetic assemblies for processing fluids
(51) Int. Cl.
B03C 1/01 (2006.01)
B03C 1/28 (2006.01)
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(31) 63/004,913 (32) 03.04.20 (33) US
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- (54) Methods for spirits refining
(51) Int. Cl.
A23L 27/10 (2016.01)
A47J 31/40 (2006.01)
C12C 5/02 (2006.01)
C12G 3/06 (2006.01)
C12G 3/07 (2006.01)
C12H 1/20 (2006.01)
C12H 1/22 (2006.01)
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(43) 10.09.2021
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(74) RnB IP Pty Ltd
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(21) 2021231989 (22) 04.03.2021
(54) Cartridge structure
(51) Int. Cl.
C12C 11/11 (2019.01)
C12G 3/08 (2006.01)
C12H 1/07 (2006.01)
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(11) AU-A-2021231993
(21) 2021231993 (22) 04.03.2021
(54) Systems and methods for refining spirits
(51) Int. Cl.
C12H 1/00 (2006.01)
C12G 3/00 (2019.01)
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(31) 62/985,657 (32) 05.03.20 (33) US
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(11) AU-A-2021264838
(21) 2021264838 (22) 25.04.2021
(54) Modified immunoglobulins
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
C07K 16/46 (2006.01)
C12N 15/13 (2006.01)
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(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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 (54) A shock absorbing container to protect cryopreserved biological material
 (51) Int. Cl.
A01N 1/02 (2006.01)
 (87) WO2021/207381
 (31) 16/843,514 (32) 08.04.20 (33) US
 (43) 14.10.2021
 (72) MCCORMICK, Bruce
 (74) Adams Pluck

(71) Bioneer Corporation; siRNAgen Therapeutics Corporation; Soonchunhyang University Industry Academy Cooperation Foundation
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 (21) 2021252813 (22) 12.04.2021
 (54) Composition using urine sample for diagnosis of kidney disease
 (51) Int. Cl.
G01N 33/68 (2006.01)
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 (31) 10-2020-0043706 (32) 10.04.20 (33) KR
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 (11) AU-A-2021250695
 (21) 2021250695 (22) 24.03.2021
 (54) Phytoecdysones and derivatives thereof for use in treating disordered respiratory function on viral infection
 (51) Int. Cl.
A61K 31/575 (2006.01)
A61K 36/28 (2006.01)
A61P 11/00 (2006.01)
A61P 31/14 (2006.01)
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 (74) Griffith Hack

(71) Biosigns Pte. Ltd.
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 (54) Method and system for personalized prediction of infection and sepsis
 (51) Int. Cl.
G16H 10/00 (2018.01)
G16H 80/00 (2018.01)
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 (54) Pharmaceutical formulations
 (51) Int. Cl.
A61K 51/04 (2006.01)
A61K 101/02 (2006.01)
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 (72) BEJOT, Romain; HAKA, Michael; ANZELLOTTI, Atilio
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 (11) AU-A-2021277244
 (21) 2021277244 (22) 19.05.2021
 (54) Head and neck full motion testing system
 (51) Int. Cl.
A61B 5/107 (2006.01)
A61B 5/11 (2006.01)
G01B 3/56 (2006.01)
G01L 3/02 (2006.01)
 (87) WO2021/236743
 (31) 63/027,458 (32) 20.05.20 (33) US
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(71) Boston Scientific Scimed, Inc.
 (11) AU-A-2021242202
 (21) 2021242202 (22) 12.03.2021
 (54) Methods for crystallization of drugs
 (51) Int. Cl.
C07D 498/18 (2006.01)
 (87) WO2021/194772
 (31) 63/000,861 (32) 27.03.20 (33) US
 (43) 30.09.2021
 (72) ZENG, Hongxia; CHAKY, Jonathan Pascal; CHEN, Yen-Lane
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 (11) AU-A-2021257269
 (21) 2021257269 (22) 16.04.2021
 (54) Hemostatic compositions and related methods
 (51) Int. Cl.
A61L 26/00 (2006.01)
 (87) WO2021/212017
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 (21) 2021253745 (22) 10.03.2021
 (54) A turbocharged engine system and a method of controlling boost pressure

(51) Int. Cl.
F02D 41/00 (2006.01)
F02B 37/00 (2006.01)
F02B 37/013 (2006.01)
F02B 37/04 (2006.01)
F02B 37/10 (2006.01)
F02B 37/16 (2006.01)
F02B 37/20 (2006.01)
F02B 39/10 (2006.01)
F02D 23/00 (2006.01)
 (87) WO2021/205139
 (31) 2005315.3 (32) 09.04.20 (33) GB
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 (72) DOUGLAS, Keith
 (74) Michael Buck IP

(71) BRAWO SYSTEMS GmbH
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 (21) 2021247131 (22) 01.04.2021
 (54) Device for pulling in, and in particular curing, a pipeline liner
 (51) Int. Cl.
F16L 55/165 (2006.01)
F16L 55/18 (2006.01)
 (87) WO2021/198472
 (31) 10 2020 109 411.6 (32) 03.04.20 (33) DE
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 (72) SCHMITT, Christopher; FRITZ, Maximilian
 (74) Griffith Hack

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 (21) 2021247132 (22) 01.04.2021
 (54) Device for curing a pipeline lining
 (51) Int. Cl.
F16L 55/165 (2006.01)
B29C 63/34 (2006.01)
B29C 63/36 (2006.01)
F16L 55/18 (2006.01)
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 (31) 10 2020 109 410.8 (32) 03.04.20 (33) DE
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(71) Bristol-Myers Squibb Company
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 (21) 2021263408 (22) 29.04.2021
 (54) Methods of treating cytokine-related adverse events
 (51) Int. Cl.
A61K 31/454 (2006.01)
A61K 31/4545 (2006.01)
A61K 31/496 (2006.01)
A61K 31/517 (2006.01)
A61K 31/5377 (2006.01)
A61K 45/06 (2006.01)
A61P 35/02 (2006.01)
A61P 37/02 (2006.01)
C07K 16/28 (2006.01)
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 (31) 20172322.8 (32) 30.04.20 (33) EP
 (43) 04.11.2021
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 (54) Methods for designing an orthodontic appliance
 (51) Int. Cl.
A61C 7/00 (2006.01)
A61C 7/28 (2006.01)
 (87) WO2021/225916
 (31) 62/704,293 (32) 02.05.20 (33) US
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 (43) 11.11.2021
 (72) ROEIN PEIKAR, Seyed Mehdi; WRATTEN, James Sylvester
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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 (11) AU-A-2021268217
 (21) 2021268217 (22) 27.04.2021
 (54) Dental appliances and associated systems and methods of use
 (51) Int. Cl.
A61C 7/10 (2006.01)
A61C 7/14 (2006.01)
A61C 7/20 (2006.01)
A61C 7/22 (2006.01)
A61C 7/28 (2006.01)
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 (72) ROEIN PEIKAR, Seyed Mehdi; WRATTEN, James Sylvester Jr.
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 (11) AU-A-2021248881
 (21) 2021248881 (22) 24.03.2021
 (54) Biocapacitance sensor
 (51) Int. Cl.
A61B 5/00 (2006.01)
A61B 5/05 (2021.01)
A61B 5/053 (2021.01)
A61B 5/1455 (2006.01)
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 (31) 63/004,822 (32) 03.04.20 (33) US
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 (51) Int. Cl.
A61K 31/45 (2006.01)
C07D 401/04 (2006.01)
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 (74) Davies Collison Cave Pty Ltd
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- (71) Capital One Services, LLC
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 (54) Application-based point of sale system in mobile operating systems
 (51) Int. Cl.
G06F 16/955 (2019.01)
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- (71) Cargill, Incorporated
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 (21) 2021247066 (22) 25.03.2021
 (54) Seaweed cultivation method and system
 (51) Int. Cl.
A01G 33/00 (2006.01)
A23L 29/256 (2016.01)
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 (31) 20167539.4 (32) 01.04.20 (33) EP
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 (72) CACERES VILLEGAS, Julian Hermoyner; TAPIA, Emilio Antonio Mercado; ALLARD-LATOUR, Aurélie Marie; JAN, Sébastien Bernard Marie
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 (21) 2021244174 (22) 19.03.2021
 (54) Software-based time rollover detection
 (51) Int. Cl.
G04R 20/02 (2013.01)
G04G 5/00 (2013.01)
 (87) WO2021/194864
 (31) 16/827,318 (32) 23.03.20 (33) US
 (43) 30.09.2021
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 (74) FPA Patent Attorneys Pty Ltd
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 (11) AU-A-2021246722
 (21) 2021246722 (22) 26.03.2021
 (54) Crimp retained hydraulic cylinder head and cap
 (51) Int. Cl.
F15B 15/14 (2006.01)
 (87) WO2021/202252
 (31) 16/834,426 (32) 30.03.20 (33) US
 (43) 07.10.2021
 (72) DAVIS, Tony Barton; YEUNG, Thomas Kwok Fai; MARSH, Richard Griffith
 (74) FPA Patent Attorneys Pty Ltd
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 (21) 2021246949 (22) 12.03.2021
 (54) Tool for a hydraulic hammer
 (51) Int. Cl.
B25D 17/02 (2006.01)
B23P 15/00 (2006.01)
 (87) WO2021/202081
 (31) 16/836,209 (32) 31.03.20 (33) US
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 (72) MOORE, Cody; HENNING, Curtis A.
 (74) FPA Patent Attorneys Pty Ltd
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 (54) Perception-based alignment system and method for a loading machine
 (51) Int. Cl.
E02F 9/26 (2006.01)
E02F 3/43 (2006.01)
G05D 1/02 (2020.01)
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 (72) BERRY, Jeffrey K.; SPIELMAN, Michael A.
 (74) FPA Patent Attorneys Pty Ltd
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 (54) Genetically modified immune cells expressing a chimeric antigen receptor and having reduced proinflammatory cytokine signaling
 (51) Int. Cl.
C07K 16/24 (2006.01)
C12N 5/00 (2006.01)
 (87) WO2021/207150
 (31) 63/005,684 (32) 06.04.20 (33) US
 (43) 14.10.2021
 (72) HU, Biliang
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 (11) AU-A-2021229979
 (21) 2021229979 (22) 05.03.2021
 (54) Crystal of tricyclic compound acting on CRBN protein and preparation method therefor
 (51) Int. Cl.
C07D 413/14 (2006.01)
A61K 31/42 (2006.01)
C07D 413/00 (2006.01)
A61P 35/00 (2006.01)
 (87) WO2021/175317
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- (51) Int. Cl.
G06Q 10/10 (2012.01)
G06Q 50/00 (2012.01)
- (87) WO2021/199004
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H04L 12/46 (2006.01)
H04L 1/18 (2006.01)
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H04L 45/64 (2022.01)
H04L 47/2425 (2022.01)
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C12N 9/00 (2006.01)
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C12N 15/74 (2006.01)
C12P 21/02 (2006.01)
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C12M 1/00 (2006.01)
A61B 5/00 (2006.01)
A61M 37/00 (2006.01)
A61N 5/06 (2006.01)
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G06T 17/00 (2006.01)
A61B 5/00 (2006.01)
A61B 5/02 (2006.01)
A61B 5/026 (2006.01)
G16H 50/50 (2018.01)
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C03C 23/00 (2006.01)
B23K 26/08 (2014.01)
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F04D 25/08 (2006.01)
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A01N 43/54 (2006.01)
A01N 43/56 (2006.01)
A01N 43/653 (2006.01)
A01N 43/84 (2006.01)
A01N 45/02 (2006.01)
A01N 47/14 (2006.01)
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B62D 7/04 (2006.01)
B61F 5/52 (2006.01)
B61G 1/28 (2006.01)
B61G 5/02 (2006.01)
B62D 7/20 (2006.01)
B62D 47/02 (2006.01)
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C12N 15/79 (2006.01)
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A61F 2/38 (2006.01)
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A61F 2/30 (2006.01)
A61B 5/07 (2006.01)
A61F 2/36 (2006.01)
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A01G 9/14 (2006.01)
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A01N 57/32 (2006.01)
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A01P 5/00 (2006.01)
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 (74) Maxwells Patent & Trade Mark Attorneys Pty Ltd
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 (51) Int. Cl.
A61K 9/16 (2006.01)
A61K 9/20 (2006.01)
A61K 9/28 (2006.01)
A61K 9/48 (2006.01)
A61K 31/4439 (2006.01)
A61P 1/00 (2006.01)
A61P 37/06 (2006.01)
A61P 43/00 (2006.01)
C07D 401/12 (2006.01)
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A23L 33/135 (2016.01)
A61K 35/741 (2015.01)
A61P 3/04 (2006.01)
A61P 3/08 (2006.01)
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C12N 1/20 (2006.01)
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B62B 3/02 (2006.01)
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 (51) Int. Cl.
A61K 39/215 (2006.01)
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 (51) Int. Cl.
F42D 99/00 (2009.01)
F42D 1/08 (2006.01)
F42D 3/04 (2006.01)
F42D 5/00 (2006.01)
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F25B 30/02 (2006.01)

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(21) 2021260469 **(22)** 22.02.2021
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(51) Int. Cl.
F25D 11/02 (2006.01)
F25D 27/00 (2006.01)
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(31) 16/856,484 **(32)** 23.04.20 **(33)** US
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(74) Halfords IP
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(51) Int. Cl.
F25D 27/00 (2006.01)
F25D 29/00 (2006.01)
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(31) 16/861,319 **(32)** 29.04.20 **(33)** US
(43) 04.11.2021
(72) SMALL, William L.
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(54) Disk cutter
(51) Int. Cl.
E21C 25/16 (2006.01)
B28D 1/12 (2006.01)
E02F 3/24 (2006.01)
E02F 5/08 (2006.01)
E21C 25/18 (2006.01)
E21C 35/183 (2006.01)
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(11) AU-A-2021246654
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F25D 11/00 (2006.01)
F25B 21/02 (2006.01)
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C12N 5/00 (2006.01)
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(54) Direct In Vivo reprogramming using transcription factor ETV2 gene for endothelial cell and vessel formation
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A61K 35/34 (2015.01)
A61K 38/10 (2006.01)
A61K 47/42 (2017.01)
A61P 9/10 (2006.01)
C12N 5/071 (2010.01)
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(31) 63/038,215 **(32)** 12.06.20 **(33)** US
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(54) Ion exchange membrane and method of manufacturing an ion exchange membrane
(51) Int. Cl.
C08J 5/22 (2006.01)
H01M 8/1023 (2016.01)
H01M 8/1039 (2016.01)
H01M 8/1072 (2016.01)
H01M 8/1088 (2016.01)
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(54) Intramedullary canal sparing humeral implant and related methods
(51) Int. Cl.
A61F 2/40 (2006.01)
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A61B 17/15 (2006.01)
A61B 17/16 (2006.01)
A61B 17/17 (2006.01)
A61F 2/30 (2006.01)
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(54) Compositions and methods for the treatment of intracellular bacterial infections
(51) Int. Cl.
A61K 35/76 (2015.01)
A61P 31/04 (2006.01)
C12N 7/00 (2006.01)
C12N 7/02 (2006.01)
C12Q 1/70 (2006.01)
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(54) Compositions and methods for the treatment of intracellular bacterial infections
(51) Int. Cl.
A61K 35/76 (2015.01)
A61P 31/04 (2006.01)
C12N 7/00 (2006.01)
C12N 7/02 (2006.01)
C12Q 1/70 (2006.01)
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(54) Apparatus, systems and methods for oil and gas operations
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E21B 33/035 (2006.01)
E21B 43/013 (2006.01)
E21B 43/017 (2006.01)
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(31) 2005412.8 **(32)** 14.04.20 **(33)** GB
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H04J 3/06 (2006.01)
H04L 12/28 (2006.01)
H04L 12/46 (2006.01)
H04L 67/56 (2022.01)
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 (54) Lens with surface microstructures encapsulated by a thick low refractive index hard coat
 (51) Int. Cl.
G02B 3/00 (2006.01)
G02B 1/14 (2015.01)
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 (43) 21.10.2021
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 (21) 2021258459 (22) 22.04.2021
 (54) Lens with surface microstructures encapsulated by a self-stratified hard coat
 (51) Int. Cl.
G02B 1/14 (2015.01)
C09D 5/00 (2006.01)
G02C 7/02 (2006.01)
G02C 7/06 (2006.01)
 (87) WO2021/214197
 (31) 20305401.0 (32) 23.04.20 (33) EP
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 (54) Contraceptive compositions with reduced adverse effects
 (51) Int. Cl.
A61K 31/565 (2006.01)
A61K 9/00 (2006.01)
A61K 31/585 (2006.01)
A61P 15/18 (2006.01)
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C07K 14/52 (2006.01)
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 (54) EEG headset
 (51) Int. Cl.
A61B 5/291 (2021.01)
A61B 5/256 (2021.01)
A61B 5/369 (2021.01)
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 (31) 763054 (32) 30.03.20 (33) NZ
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 (72) ALMESFER, Faisal; LITTLE, Richard
 (74) James & Wells Intellectual Property
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- (71) Faron Pharmaceuticals Oy
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 (21) 2021258516 (22) 19.04.2021
 (54) Treatment of diseases with CLEVER-1 inhibition in combination with an interleukin inhibitor
 (51) Int. Cl.
C07K 16/24 (2006.01)
A61K 38/17 (2006.01)
A61K 39/395 (2006.01)
A61P 31/04 (2006.01)
A61P 31/12 (2006.01)
A61P 31/14 (2006.01)
A61P 31/16 (2006.01)
A61P 35/00 (2006.01)
A61P 37/04 (2006.01)
C07K 16/28 (2006.01)
C12N 15/113 (2010.01)
C12Q 1/68 (2018.01)
G01N 33/50 (2006.01)
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 (31) 20205400 (32) 20.04.20 (33) FI
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 (72) JALKANEN, Juho; MANDELIN, Jami; KARVONEN, Matti
 (74) Griffith Hack
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- (71) Fong, S.
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 (21) 2021229920 (22) 04.03.2021
 (54) Method and system for making a packaged confectionery product
 (51) Int. Cl.
B65B 25/00 (2006.01)
A23G 1/48 (2006.01)
A23G 1/50 (2006.01)
A23G 3/48 (2006.01)
A23G 3/50 (2006.01)
A23L 33/105 (2016.01)
A23P 30/10 (2016.01)
B65D 85/60 (2006.01)
 (87) WO2021/174361
 (31) 62/985,173 (32) 04.03.20 (33) US
 (43) 10.09.2021
 (72) FONG, Sonny
 (74) Wynnes Patent and Trade Mark Attorneys Pty Ltd
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 (54) Lid for a disposable cup
 (51) Int. Cl.
B65D 43/02 (2006.01)
A47G 19/22 (2006.01)
B65D 43/08 (2006.01)
B65D 43/10 (2006.01)
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 (87) WO2021/206579
 (31) 2020113034 (32) 07.04.20 (33) RU
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 (72) RASTORGUEV, Dmitrii Sergeevich; NIKITENKO, Sergei Sergeevich; TSIRKULEV, Mikhail Valerevich
 (74) Baxter Patent Attorneys Pty Ltd
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 (11) AU-A-2021259244
 (21) 2021259244 (22) 15.03.2021
 (54) Processing aid for extrudable food composition
 (51) Int. Cl.
A23P 30/20 (2016.01)
A21D 2/26 (2006.01)
A23L 2/39 (2006.01)
A23L 2/68 (2006.01)
A23L 7/161 (2016.01)
A23L 7/17 (2016.01)
A23L 29/10 (2016.01)
A23P 10/43 (2016.01)
A23P 10/47 (2016.01)
B29C 48/285 (2019.01)
C12J 1/00 (2006.01)
 (87) WO2021/216221
 (31) 16/857,977 (32) 24.04.20 (33) US
 (43) 28.10.2021
 (72) QUINTERO-FUENTES, Ximena; LITRELL, Carl
 (74) James & Wells Intellectual Property
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 (11) AU-A-2021243588
 (21) 2021243588 (22) 23.03.2021
 (54) Method for operating an inverter and inverter for carrying out the method
 (51) Int. Cl.
H02M 1/42 (2007.01)
H02M 1/00 (2007.01)
H02M 3/156 (2006.01)
H02M 3/158 (2006.01)
H02M 7/48 (2007.01)
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 (72) GRASBÖCK, Richard; METZNER, Wolfgang; RITZBERGER, Gerald; WIESER, Stefan
 (74) Davies Collison Cave Pty Ltd

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(54) Antitumor agent	(72) ASOKAN, Anantha Krishnan; GOK- ULAKANNAN, Balaji; JAYARAMAN, Sabariganesh; JAYARAGHAVENDRAN, Vidhyasimhan			22.12.20
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A61K 9/127 (2006.01)				(74) FPA Patent Attorneys Pty Ltd
A61K 47/24 (2006.01)				
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(31) 63/004,733	(11) AU-A-2021230341			
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(43) 07.10.2021	(54) Compositions and methods for detect- ing SARS-CoV-2 nucleic acid			
(72) MATSUMOTO Takeshi; KAKINUMA Chihaya; MAKITA Keiko	(51) Int. Cl.			
(74) Griffith Hack	C12Q 1/70 (2006.01)			
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	(71) Ginsburg, L.; Crawford, N.			
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	(54) Dynamic health records			
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	(72) GINSBURG, Leonard H.; CRAWFORD, Nancy Wilson			
	(74) FB Rice Pty Ltd			
	(71) GK8 Ltd			
	(11) AU-A-2021230454			
	(21) 2021230454	(22) 03.03.2021		
	(54) Updating digital assets transactions in isolated devices			
	(51) Int. Cl.			
	G06Q 20/36 (2012.01)			
	G06F 3/023 (2006.01)			
	G06F 21/57 (2013.01)			
	G06F 21/62 (2013.01)			
	G06Q 20/38 (2012.01)			
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	H04L 9/08 (2006.01)			
	H04L 9/30 (2006.01)			
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	(72) SHAMAI, Shahar; LAMESH, Lior			
	(74) Davies Collison Cave Pty Ltd			
	(71) Genesys Cloud Services Holdings II, LLC			
	(11) AU-A-2021249203			
	(21) 2021249203	(22) 19.02.2021		
	(54) System and method for conducting an automated interview session			
	(51) Int. Cl.			
	G06Q 10/06 (2012.01)			
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	G06Q 10/10 (2012.01)			
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	(74) Spruson & Ferguson			
	(71) Gilead Sciences, Inc.			
	(11) AU-A-2021265110			
	(21) 2021265110	(22) 28.04.2021		
	(54) Macrocyclic inhibitors of peptidylargin- ine deiminases			
	(51) Int. Cl.			
	C07D 471/18 (2006.01)			
	A61P 3/10 (2006.01)			
	A61P 7/02 (2006.01)			
	A61P 19/02 (2006.01)			
	A61P 35/00 (2006.01)			
	C07D 471/22 (2006.01)			
	C07D 487/08 (2006.01)			
	C07D 491/22 (2006.01)			
	C07D 498/18 (2006.01)			
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(72) LU, Chuntao; YAN, An			(51) Int. Cl.	A23C 9/152 (2006.01)
(74) Madderns Pty Ltd			A01H 15/00 (2006.01)	A23C 9/20 (2006.01)
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(71) Globe (Jiangsu) Co., Ltd.			A01N 45/02 (2006.01)	(31) FR2002706 (32) 19.03.20 (33) FR
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(51) Int. Cl.			C12N 15/80 (2006.01)	
H02J 7/00 (2006.01)			C12P 17/18 (2006.01)	
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(74) Madderns Pty Ltd				
			(71) GreenFlux Assets B.V.	
			(11) AU-A-2021233754	
			(21) 2021233754 (22) 04.03.2021	
			(54) Method and system for allocating charging resources to a plurality of charging stations	
			(51) Int. Cl.	
			B60L 53/67 (2019.01)	
			B60L 53/63 (2019.01)	
			(87) WO2021/182948	
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			(43) 16.09.2021	
			(72) DE BOER, Johannes André; SPOEL-STRAN, Nico; VERHEIJEN, Lennart Frans	
			(74) Griffith Hack	
			(71) Grenzebach BSH GmbH; Petrurgia Eood	
			(11) AU-A-2020433321	
			(21) 2020433321 (22) 03.03.2020	
			(54) Integrated plant for refuse incineration and for producing rock wool, and method for operating the plant	
			(51) Int. Cl.	
			F23G 5/46 (2006.01)	
			C03B 5/00 (2006.01)	
			C03B 37/01 (2006.01)	
			C03B 37/06 (2006.01)	
			C03C 1/00 (2006.01)	
			C03C 13/06 (2006.01)	
			F23G 5/00 (2006.01)	
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			F26B 3/00 (2006.01)	
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			(72) ULRICH, Maik; TODOROV, Todor; GAITANSKI-YOUNG, Roumen	
			(74) Davies Collison Cave Pty Ltd	
			(71) Groupe Lactalis	
			(11) AU-A-2021237770	
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			(71) Hackensack Meridian Health, Inc.	
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			(54) CDI Enhanced COVID-19 Test	
			(51) Int. Cl.	
			C12Q 1/70 (2006.01)	
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			(71) Halliburton Energy Services, Inc.	
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			(21) 2020450939 (22) 28.05.2020	
			(54) Electrical telemetry system	
			(51) Int. Cl.	
			E21B 47/12 (2012.01)	
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			G01V 1/40 (2006.01)	
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			(74) Spruson & Ferguson	
			(71) Heptares Therapeutics Limited	
			(11) AU-A-2021240344	
			(21) 2021240344 (22) 25.03.2021	
			(54) 5-amino-8-(4-pyridyl)-(1,2,4)triazolo(4,3-c)pyrimidin-3-one compounds for use against cancer	
			(51) Int. Cl.	
			C07D 487/04 (2006.01)	
			A61K 31/519 (2006.01)	
			A61P 35/00 (2006.01)	
			(87) WO2021/191378	
			(31) 62/994,908 (32) 26.03.20 (33) US	
			(43) 30.09.2021	
			(72) BROWN, Giles Albert; RICHARDSON, Christine Mary; CONGREVE, Miles Stuart; PAUL, Rebecca; ANDREWS, Stephen Philippe; MASON, Jonathan Stephen	
			(74) FPA Patent Attorneys Pty Ltd	

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 (21) 2021241886 (22) 25.03.2021
 (54) Triazolone compounds
 (51) Int. Cl.
 C07D 487/04 (2006.01)
 A61K 31/519 (2006.01)
 A61P 35/00 (2006.01)
 (87) WO2021/191380
 (31) 62/994,954 (32) 26.03.20 (33) US
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 (74) FPA Patent Attorneys Pty Ltd
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- (71) Heptares Therapeutics Limited
 (11) AU-A-2021243725
 (21) 2021243725 (22) 25.03.2021
 (54) 5-amino-8-(4-pyridyl)-(1,2,4)triazolo(4,3-c)pyrimidin-3-one compounds for use against cancer
 (51) Int. Cl.
 C07D 487/04 (2006.01)
 A61K 31/501 (2006.01)
 A61K 31/506 (2006.01)
 A61K 31/519 (2006.01)
 A61K 31/5377 (2006.01)
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 A61P 35/00 (2006.01)
 (87) WO2021/191379
 (31) 62/994,970 (32) 26.03.20 (33) US
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 (72) BROWN, Giles Albert; CONGREVE, Miles Stuart; RICHARDSON, Christine Mary; PAUL, Rebecca; ANDREWS, Stephen Philippe; MASON, Jonathan Stephen; DEFLORIAN, Francesca; SWAIN, Nigel Alan
 (74) FPA Patent Attorneys Pty Ltd
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- (71) Heritage Industries, LLC
 (11) AU-A-2021229376
 (21) 2021229376 (22) 24.02.2021
 (54) Lube skid
 (51) Int. Cl.
 F16N 9/00 (2006.01)
 F16N 1/00 (2006.01)
 F16N 11/08 (2006.01)
 F16N 31/00 (2006.01)
 (87) WO2021/178167
 (31) 16/806,419 (32) 02.03.20 (33) US
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 (72) HATCH, Marshall
 (74) FPA Patent Attorneys Pty Ltd
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 (21) 2021257800 (22) 13.04.2021
 (54) Torque augmentation device
 (51) Int. Cl.
 H02K 49/10 (2006.01)
 (87) WO2021/211545
 (31) 16/847,739 (32) 14.04.20 (33) US
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 (72) HERRIN, Robert; KHANT, Sean
 (74) BRM Patent Attorneys Pty Ltd
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- (71) Hilti Aktiengesellschaft
 (11) AU-A-2021270822
 (21) 2021270822 (22) 06.05.2021
 (54) Multi-component inorganic capsule anchoring system based on ground-granulated blast-furnace slag
 (51) Int. Cl.
 C04B 28/00 (2006.01)
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 (31) 20174887.8 (32) 15.05.20 (33) EP
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 (74) Spruson & Ferguson
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 (11) AU-A-2020436767
 (21) 2020436767 (22) 20.03.2020
 (54) Markerless motion capture of hands with multiple pose estimation engines
 (51) Int. Cl.
 G06T 7/00 (2017.01)
 G06T 1/40 (2006.01)
 G06T 7/292 (2017.01)
 (87) WO2021/186222
 (43) 23.09.2021
 (72) BROWN, Colin Joseph; ZHANG, Wenxin; WANG, Dalei
 (74) RnB IP Pty Ltd
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- (71) Hinge Health, Inc.
 (11) AU-A-2020436768
 (21) 2020436768 (22) 20.03.2020
 (54) Joint rotation inferences based on inverse kinematics
 (51) Int. Cl.
 G06T 13/00 (2011.01)
 G06N 3/02 (2006.01)
 G06N 3/08 (2006.01)
 (87) WO2021/186223
 (43) 23.09.2021
 (72) CHO, Dongwook; BROWN, Colin Joseph
 (74) RnB IP Pty Ltd
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- (71) Histosonics, Inc.
 (11) AU-A-2021232090
 (21) 2021232090 (22) 08.03.2021
 (54) Minimally invasive histotripsy systems and methods
 (51) Int. Cl.
 A61N 7/02 (2006.01)
 A61B 17/22 (2006.01)
 A61B 17/225 (2006.01)
 A61B 34/30 (2016.01)
 A61N 7/00 (2006.01)
 (87) WO2021/178961
 (31) 62/986,410 (32) 06.03.20 (33) US
 (43) 10.09.2021
 (72) STOPEK, Joshua
 (74) Davies Collision Cave Pty Ltd
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- (71) HitIQ Limited
 (11) AU-A-2021233383
 (21) 2021233383 (22) 10.03.2021
 (54) Technology adapted to facilitate user-specific calibration of instrumented mouthguard devices, including calibration methods for instrumented mouthguard devices
 (51) Int. Cl.
 A61B 5/00 (2006.01)
 A61B 5/11 (2006.01)
 A63B 71/08 (2006.01)
 (87) WO2021/179041
 (31) 2020900733 (32) 10.03.20 (33) AU
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 (72) VEGAR, Mike; NIZETTE, Ben
 (74) FORWARD INTELLECTUAL PROPERTY PTY LTD
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 (21) 2021252515 (22) 05.04.2021
 (54) Adeno-associated virus compositions for IDS gene transfer and methods of use thereof
 (51) Int. Cl.
 A61K 38/46 (2006.01)
 C12N 5/10 (2006.01)
 C12N 9/16 (2006.01)
 C12N 15/09 (2006.01)
 C12N 15/52 (2006.01)
 C12N 15/861 (2006.01)
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 (31) 63/005,833 (32) 06.04.20 (33) US
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 (72) GINGRAS, Jacinthe; PATEL, Kruti; SMITH, Laura Jane; WHITE, Yvonne; DOLLIVE, Serena Nicole; VAN LIESHOUT, Laura; BURNHAM, Brenda
 (74) Davies Collision Cave Pty Ltd
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- (71) Howmet Aerospace Inc.
 (11) AU-A-2021280268
 (21) 2021280268 (22) 26.05.2021
 (54) Multi-piece fastener comprising a tapered threaded portion and method of fastening
 (51) Int. Cl.
 F16B 35/04 (2006.01)
 F16B 5/02 (2006.01)
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 (87) WO2021/242828
 (31) 63/030,504 (32) 27.05.20 (33) US
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 (72) BRANCH, Justin S.; WILCOX, Robert B.
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) Huawei Technologies Co., Ltd.
 (11) AU-A-2021238794
 (21) 2021238794 (22) 15.03.2021
 (54) Data transmission method and device
 (51) Int. Cl.

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(43) 23.09.2021
(72) GAN, Ming; HUANG, Guogang; LIANG, Dandan; YU, Jian; LI, Yunbo; GUO, Yuchen; HU, Mengshi
(74) Spruson & Ferguson
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- (71)** Huawei Technologies Co., Ltd.
(11) AU-A-2021243081
(21) 2021243081 **(22)** 25.03.2021
(54) Communication method applied to multi-link device in wireless local area network, and device
(51) Int. Cl.
H04W 76/11 (2018.01)
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(51) Int. Cl.
E21B 19/09 (2006.01)
B66C 13/10 (2006.01)
B66D 1/50 (2006.01)
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C07K 16/28 (2006.01)
A61K 39/00 (2006.01)
A61P 29/00 (2006.01)
A61P 37/04 (2006.01)
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(51) Int. Cl.
A61K 38/21 (2006.01)
- A61P 31/14** (2006.01)
C07K 14/44 (2006.01)
C07K 14/56 (2006.01)
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(51) Int. Cl.
C12Q 1/6869 (2018.01)
C12Q 1/6825 (2018.01)
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G16B 30/00 (2019.01)
G16B 30/10 (2019.01)
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(54) Quality score compression
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G16B 50/50 (2019.01)
H03M 7/30 (2006.01)
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(11) AU-A-2021253624
(21) 2021253624 **(22)** 07.04.2021
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(51) Int. Cl.
A61K 39/12 (2006.01)
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(11) AU-A-2021253184
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(54) Nucleic acids encoding human fus protein and use in the treatment of amyotrophic lateral sclerosis (ALS)
(51) Int. Cl.
A61K 31/7088 (2006.01)
A61K 48/00 (2006.01)
A61P 25/28 (2006.01)
C12N 15/86 (2006.01)
C12N 15/861 (2006.01)
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(54) Real-time detection and correction of shadowing in hyperspectral retinal images
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A61B 3/12 (2006.01)
G06K 9/62 (2006.01)
G06T 7/00 (2017.01)
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(54) Fabrication of semiconductor structures
(51) Int. Cl.

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(54) First-order logical neural networks with bidirectional inference
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G06N 3/04 (2006.01)
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(51) Int. Cl.
G06F 30/20 (2020.01)
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(51) Int. Cl.
G06Q 50/02 (2012.01)
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(54) Optimizing capacity and learning of weighted real-valued logic
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G05B 19/418 (2006.01)
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(51) Int. Cl.
H04L 9/32 (2006.01)
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(51) Int. Cl.
H01L 45/00 (2006.01)
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G06N 99/00 (2019.01)
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(54) Generating a hybrid sensor to compensate for intrusive sampling
(51) Int. Cl.
G06N 3/04 (2006.01)
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(54) Mode-selective couplers for frequency collision reduction
(51) Int. Cl.
G06N 10/00 (2019.01)
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H01L 45/00 (2006.01)
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 (11) AU-A-2021296187
 (21) 2021296187 (22) 10.06.2021
 (54) Suppressing undesired programming at half-selected devices in a crosspoint array of 3-terminal resistive memory
 (51) Int. Cl.
G06N 3/063 (2006.01)
G06N 3/08 (2006.01)
 (87) WO2021/259072
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 (21) 2021297101 (22) 22.06.2021
 (54) Block ID encoding in erasure coded storage system
 (51) Int. Cl.
G06F 11/07 (2006.01)
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F22B 37/38 (2006.01)
F22B 37/56 (2006.01)
F23J 3/02 (2006.01)
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 (43) 04.11.2021
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E04H 17/08 (2006.01)
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E06B 9/40 (2006.01)
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 (51) Int. Cl.
C07H 1/00 (2006.01)
C07H 19/067 (2006.01)
C07H 19/167 (2006.01)
C07H 21/02 (2006.01)
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 (54) Endoxifen for the treatment of bipolar I disorder
 (51) Int. Cl.
A61K 31/138 (2006.01)
A61P 25/18 (2006.01)
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 (31) 63/008,141 (32) 10.04.20 (33) US
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 (74) FPA Patent Attorneys Pty Ltd
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A61P 25/18 (2006.01)
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B65G 45/12 (2006.01)
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B62K 3/00 (2006.01)
B62J 17/08 (2020.01)
B62K 3/04 (2006.01)
B62M 1/38 (2013.01)
B62M 11/06 (2006.01)
F16H 1/20 (2006.01)
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C12N 5/074 (2010.01)
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 (31) 63/002,063 (32) 30.03.20 (33) US
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A47C 7/42 (2006.01)
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(51) Int. Cl.
A61M 5/142 (2006.01)
A61J 15/00 (2006.01)
A61M 5/00 (2006.01)
A61M 5/168 (2006.01)
A61M 31/00 (2006.01)
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C10G 1/00 (2006.01)
C10G 1/06 (2006.01)
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B25C 1/04 (2006.01)
B25C 1/14 (2006.01)
B25C 5/13 (2006.01)
B25D 11/00 (2006.01)
B25D 17/00 (2006.01)
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C12N 15/13 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
A61P 37/02 (2006.01)
A61P 37/08 (2006.01)
A61P 43/00 (2006.01)
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- C07K 16/00 (2006.01)
C07K 16/18 (2006.01)
C12N 1/15 (2006.01)
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C12N 5/10 (2006.01)
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C07F 9/09 (2006.01)
A61K 9/08 (2006.01)
A61K 47/12 (2006.01)
A61K 47/24 (2006.01)
C07C 53/08 (2006.01)
C07C 53/126 (2006.01)
C07C 57/12 (2006.01)
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C12N 9/04 (2006.01)
C12N 9/00 (2006.01)
C12N 9/02 (2006.01)
C12P 5/00 (2006.01)
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G01R 22/06 (2006.01)
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C02F 7/00 (2006.01)
C02F 3/16 (2006.01)
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(51) Int. Cl.
C08G 18/10 (2006.01)
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C08G 18/76 (2006.01)
C09D 175/04 (2006.01)
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(51) Int. Cl.
C08B 37/00 (2006.01)
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(21) 2021243329 (22) 16.03.2021
(54) Packed dough product and related methods
(51) Int. Cl.
A21D 10/02 (2006.01)
A21D 13/10 (2017.01)
A21D 13/11 (2017.01)
A21D 13/41 (2017.01)
B65D 85/36 (2006.01)
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A21D 10/02 (2006.01)
A21D 13/10 (2017.01)
A21D 13/11 (2017.01)
A21D 13/41 (2017.01)
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 (31) 20315069.3 (32) 27.03.20 (33) EP
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 (54) Laundry dryer and method for controlling laundry dryer
 (51) Int. Cl.
D06F 58/45 (2020.01)
D06F 33/69 (2020.01)
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 (72) BYOUN, Youngmin; KIM, Daehyun
 (74) Dentons Patent Attorneys Australasia Limited
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D06F 58/45 (2020.01)
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H01L 31/05 (2014.01)
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 (54) Method for removing coatings from surfaces
 (51) Int. Cl.
B08B 7/00 (2006.01)
B64C 21/10 (2006.01)
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A61K 31/77 (2006.01)
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A61L 27/18 (2006.01)
A61L 27/44 (2006.01)
A61L 27/50 (2006.01)
A61L 27/52 (2006.01)
C07C 69/54 (2006.01)
C08F 2/48 (2006.01)
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C08F 122/38 (2006.01)
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C08J 3/075 (2006.01)
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B63B 27/14 (2006.01)
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G01S 19/25 (2010.01)
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 (54) Ventricular assist device
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A61M 60/13 (2021.01)
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 G01N 31/22 (2006.01)
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 (54) Device for implanting an inflatable intra-gastric balloon and system for treating obesity in an individual comprising such an implantation device
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 A61F 5/00 (2006.01)
 (87) WO2021/198618
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 (54) Methods of generating midbrain dopamine neurons, midbrain neurons and uses thereof
 (51) Int. Cl.
 C12N 5/0735 (2010.01)
 A61P 25/16 (2006.01)
 C07K 14/475 (2006.01)
 C12N 5/0797 (2010.01)
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 (51) Int. Cl.
 B01D 46/00 (2006.01)
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 B60H 3/06 (2006.01)
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 C07D 471/14 (2006.01)
 A61K 31/4162 (2006.01)
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 A61K 47/68 (2017.01)
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 B04C 5/04 (2006.01)
 B01D 53/24 (2006.01)
 B01J 8/00 (2006.01)
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 B04C 5/081 (2006.01)
 B04C 5/103 (2006.01)
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 F23J 15/02 (2006.01)
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 C12N 9/12 (2006.01)
 C12N 15/10 (2006.01)
 C12Q 1/6806 (2018.01)
 C12Q 1/6869 (2018.01)
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 (54) Expandable washer
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 F16B 39/24 (2006.01)
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 (31) 63/011,544 (32) 17.04.20 (33) US
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 (54) Nonwoven fabric laminate, cover sheet, and absorbent article
 (51) Int. Cl.
 D04H 3/16 (2006.01)
 B32B 5/02 (2006.01)
 B32B 5/26 (2006.01)
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 (72) IIHAMA, Sho; SHIMADA, Koichi
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 (11) AU-A-2021265269
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 (54) Protein polyurethane alloys and layered materials including the same
 (51) Int. Cl.
 C08L 9/00 (2006.01)
 A61L 27/14 (2006.01)
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 (54) Nano-bubble generating apparatus and
 method
 (51) Int. Cl.
A47K 3/10 (2006.01)
A61H 33/00 (2006.01)
B01F 23/20 (2022.01)
B01F 25/313 (2022.01)
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 risk of Alzheimer's disease using a cir-
 culating-free mRNA profiling assay
 (51) Int. Cl.
C12Q 1/68 (2018.01)
C12Q 1/6886 (2018.01)
C40B 30/04 (2006.01)
G01N 33/48 (2006.01)
G01N 33/50 (2006.01)
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 duced extensional flow
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C01B 32/158 (2017.01)
C01B 32/16 (2017.01)
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C23C 16/26 (2006.01)
D01F 11/10 (2006.01)
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 (74) Houlihan2 Pty Ltd
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 tional University Hospital (Singapore)
 Pte Ltd
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 ized naturally designed mitral prosthes-
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G06T 17/00 (2006.01)
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 (54) Fusion proteins for immunotherapy
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C07K 16/28 (2006.01)
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 (54) Kits to convert single-speed bicycles to
 multi-speed bicycles
 (51) Int. Cl.
B62K 13/00 (2006.01)
B62K 3/00 (2006.01)
B62K 19/30 (2006.01)
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B62M 1/36 (2013.01)
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 (54) Layered walls for rigidizing devices
 (51) Int. Cl.
A61M 1/00 (2006.01)
A61M 25/01 (2006.01)
A61M 25/02 (2006.01)
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A61M 39/12 (2006.01)
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 spout thereof
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A01G 25/02 (2006.01)
F16L 41/08 (2006.01)
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 (74) Griffith Hack
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 tracker having such a beam
 (51) Int. Cl.
H02S 20/10 (2014.01)
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 (54) Expandable wheel
 (51) Int. Cl.
B60B 19/04 (2006.01)
B60B 15/00 (2006.01)
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 (43) 24.02.2022
 (72) BOYER, Jesse
 (74) Spruson & Ferguson
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 (11) AU-A-2021247762
 (21) 2021247762 (22) 24.03.2021
 (54) Method for producing carbide, and
 equipment for producing carbide
 (51) Int. Cl.
C10B 1/10 (2006.01)
C10B 47/30 (2006.01)
F27B 7/32 (2006.01)
F27D 3/00 (2006.01)
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 (51) Int. Cl.
B01J 39/20 (2006.01)
B01J 41/14 (2006.01)
H01M 8/10 (2016.01)
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 (51) Int. Cl.
E04F 13/00 (2006.01)
E04B 9/30 (2006.01)
E04B 9/32 (2006.01)
 (87) WO2021/191566
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 (72) SCHERRER, Jean-Marc
 (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) Northrop Grumman Systems Corporation
 (11) AU-A-2021268311
 (21) 2021268311 (22) 21.03.2021
 (54) Vehicle capture assemblies and related devices, systems, and methods
 (51) Int. Cl.
B64G 1/64 (2006.01)
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 (31) 63/019,891 (32) 04.05.20 (33) US
 (43) 11.11.2021
 (72) MICHEL, Matthew Alan; TOSTO, Michael Alfred; TEBBE, Kevin David; INOYAMA, Daisaku; PAPAYANO-POULOS, John Francis
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 (51) Int. Cl.
B64G 1/64 (2006.01)
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 (51) Int. Cl.
A21D 8/04 (2006.01)
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 (21) 2021249399 (22) 19.03.2021
 (54) Integrated hermetically sealed turboexpander-generator with an electric generator at an end of a common shaft line
 (51) Int. Cl.
F02C 1/10 (2006.01)
F01D 25/24 (2006.01)
F02C 7/06 (2006.01)
 (87) WO2021/197665
 (31) 102020000006727 (32) 31.03.20 (33) IT
 (43) 07.10.2021
 (72) CANGIOLI, Francesco; BILIOTTI, Davide; ORTIZ NERI, Massimiliano; SANANELLI, Giuseppe; MICHELASSI, Vittorio
 (74) Patent Attorney Services
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 (51) Int. Cl.
F02C 1/10 (2006.01)
F01D 25/24 (2006.01)
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B01J 19/00 (2006.01)
B01L 3/00 (2006.01)
C07H 21/04 (2006.01)
C12M 1/00 (2006.01)
C12M 1/24 (2006.01)
C12M 1/34 (2006.01)
C12M 1/36 (2006.01)
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 (21) 2021251041 (22) 26.03.2021
 (54) Nuts: flexible hierarchy object graphs
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G06F 21/78 (2013.01)
H04L 9/06 (2006.01)
H04L 9/08 (2006.01)
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E21B 23/04 (2006.01)
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 (54) Cardiomyocyte purification method
 (51) Int. Cl.
C12N 5/077 (2010.01)
A61K 35/34 (2015.01)
A61L 27/38 (2006.01)
A61P 9/10 (2006.01)
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 (54) Conjugates
 (51) Int. Cl.
 A61K 47/68 (2017.01)
 A61K 39/00 (2006.01)
 A61P 35/00 (2006.01)
 C07D 401/04 (2006.01)
 C07D 401/14 (2006.01)
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 (31) 63/003,190 (32) 31.03.20 (33) US
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 (72) FISHKIN, Nathan; PARK, Peter U.
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 (54) Neodegrader conjugates
 (51) Int. Cl.
 A61K 47/68 (2017.01)
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 A61P 35/00 (2006.01)
 C07D 401/04 (2006.01)
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 (74) FPA Patent Attorneys Pty Ltd

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 (51) Int. Cl.
 A61K 38/17 (2006.01)
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 (54) Peptide synthesis and system thereof
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 C07K 1/04 (2006.01)
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 (11) AU-A-2021259495
 (21) 2021259495 (22) 20.04.2021
 (54) Transdermal and/or topical pharmaceutical formulations comprising cannabidiol and/or tetrahydrocannabinol for the treatment of chronic pain
 (51) Int. Cl.
 A61K 31/352 (2006.01)
 A61K 9/00 (2006.01)
 A61K 31/05 (2006.01)
 A61P 21/00 (2006.01)
 A61P 25/28 (2006.01)
 A61P 29/00 (2006.01)
 C07C 39/23 (2006.01)
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 (74) Eagar & Associates Pty Ltd

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 (51) Int. Cl.
 G10L 17/00 (2013.01)
 G06F 21/32 (2013.01)
 G10L 15/22 (2006.01)
 G10L 17/04 (2013.01)
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 (54) Thermal insulating container
 (51) Int. Cl.
 B65D 81/38 (2006.01)

B32B 5/02 (2006.01)
B32B 19/04 (2006.01)
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 (51) Int. Cl.
 A61K 39/00 (2006.01)
 A61K 35/17 (2015.01)
 A61K 39/395 (2006.01)
 A61P 35/02 (2006.01)
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 (31) 63/009,569 (32) 14.04.20 (33) US
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 (72) OSTERTAG, Eric M.; SPEAR, Matthew
 (74) FPA Patent Attorneys Pty Ltd

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 (54) Use of a thienopyridone derivative in the treatment of adrenoleukodystrophy or adrenomyeloneuropathy
 (51) Int. Cl.
 A61K 31/4365 (2006.01)
 A61K 31/4436 (2006.01)
 A61K 31/444 (2006.01)
 A61P 25/00 (2006.01)
 A61P 25/28 (2006.01)
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 (31) 20166035.4 (32) 26.03.20 (33) EP
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 (72) BOLZE, Sébastien; FOUQUERAY, Pascale; HALLAKOU-BOZEC, Sophie
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 (54) Use of a thienopyridone derivative in the treatment of autosomal dominant polycystic kidney disease (ADPKD)
 (51) Int. Cl.
 A61K 31/4365 (2006.01)
 A61P 13/12 (2006.01)
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(71) Premier1Filtration
 (11) AU-A-2021247582
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 (54) Apparatus for filtering cooking fluids
 (51) Int. Cl.
 A47J 37/12 (2006.01)
 B01D 29/07 (2006.01)

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B01D 35/027 (2006.01)
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(11) AU-A-2021253118
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(54) Process for synthesizing sulfonated tri-aryl methane compounds
(51) Int. Cl.
C07C 303/22 (2006.01)
C07C 213/08 (2006.01)
C07C 303/06 (2006.01)
C07C 309/49 (2006.01)
C09B 11/10 (2006.01)
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(54) Acoustic transducer with balanced properties
(51) Int. Cl.
H04R 11/02 (2006.01)
B06B 1/04 (2006.01)
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- (71) Pulmonem Inc.
(11) AU-A-2021249053
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(54) Dapsone formulations and methods of using same
(51) Int. Cl.
A61K 31/145 (2006.01)
A61K 9/00 (2006.01)
A61K 9/10 (2006.01)
A61K 9/72 (2006.01)
A61P 31/14 (2006.01)
C07C 317/36 (2006.01)
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A01K 89/027 (2006.01)
A01K 89/033 (2006.01)
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A01K 67/027 (2006.01)
C12N 9/10 (2006.01)
G01N 33/48 (2006.01)
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(54) Methods for characterizing low-abundance host cell proteins
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G01N 33/68 (2006.01)
C07K 16/00 (2006.01)
G01N 30/00 (2006.01)
- (87) WO2021/202554
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63/031,336 28.05.20 US
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(54) Diels-alder conjugation methods
(51) Int. Cl.
A61K 47/68 (2017.01)
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(54) Rod weeder having ground following functionality
(51) Int. Cl.
A01B 39/19 (2006.01)
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(21) 2021254744 (22) 14.04.2021
(54) Systems and methods for heater control in fluid heating systems
(51) Int. Cl.
F24H 1/10 (2006.01)
F24H 9/20 (2006.01)
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(51) Int. Cl.
B63H 20/00 (2006.01)
B63H 25/02 (2006.01)
B63H 25/04 (2006.01)
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(31) 63/000,773 (32) 27.03.20 (33) US
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(54) Novel crystalline form of pyroxasulfone, methods for its preparation and use of the same
(51) Int. Cl.
C07D 413/12 (2006.01)
A01N 43/80 (2006.01)
A01P 13/00 (2006.01)
- (87) WO2022/170871
(31) GB2101909.6 (32) 11.02.21 (33) GB
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(74) Madderns Pty Ltd
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(51) Int. Cl.
C07D 221/20 (2006.01)
- (87) WO2021/191062
(31) 20166480.2 (32) 27.03.20 (33) EP
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 (51) Int. Cl.
A61B 5/021 (2006.01)
A61B 5/1455 (2006.01)
 (87) WO2021/211634
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 (54) Self-circularized RNA structure
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C12N 15/113 (2010.01)
C12N 15/63 (2006.01)
 (87) WO2022/191642
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 (54) Systems and methods for analysis of a fluid
 (51) Int. Cl.
G01N 33/04 (2006.01)
A01J 5/007 (2006.01)
G01N 29/00 (2006.01)
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 (31) 762276 (32) 03.03.20 (33) NZ
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 (54) System for controlling an internal state of a tumbling mill
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B02C 17/18 (2006.01)
B02C 25/00 (2006.01)
G01H 1/00 (2006.01)
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 (31) 2050412-2 (32) 09.04.20 (33) SE
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 (51) Int. Cl.
C07K 19/00 (2006.01)
A61K 38/02 (2006.01)
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C12N 15/62 (2006.01)
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B24D 15/08 (2006.01)
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 (54) Combination of a sheath and a knife
 (51) Int. Cl.
B24D 15/08 (2006.01)
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 (72) PLICHON, Stéphane; SUCHET, Stéphane
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 (54) Sharpening sheath adapted to receive a knife, and combination of such a sheath and a knife
 (51) Int. Cl.
B24D 15/08 (2006.01)
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G01N 33/53 (2006.01)
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G01N 33/569 (2006.01)
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 (51) Int. Cl.
G07D 7/06 (2006.01)
B42D 25/30 (2014.01)
G01N 23/00 (2006.01)
G07D 7/202 (2016.01)
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C07K 14/435 (2006.01)
A61Q 19/00 (2006.01)
A61Q 19/08 (2006.01)
D01D 5/00 (2006.01)
D01F 1/10 (2006.01)
D01F 4/00 (2006.01)
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A24B 15/167 (2020.01)
A24F 40/05 (2020.01)
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A61M 11/00 (2006.01)
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A61K 38/05 (2006.01)
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A61K 49/00 (2006.01)
A61K 49/04 (2006.01)
A61K 51/04 (2006.01)
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A61P 35/00 (2006.01)
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C07F 13/00 (2006.01)
C07K 5/037 (2006.01)
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B65G 1/137 (2006.01)
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C22B 3/24 (2006.01)
B01D 15/08 (2006.01)
C07D 257/02 (2006.01)
C22B 3/28 (2006.01)
C22B 3/36 (2006.01)
C22B 3/42 (2006.01)
C22B 9/02 (2006.01)
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A61P 31/14 (2006.01)
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H01R 31/06 (2006.01)
E21B 33/038 (2006.01)
H01R 13/52 (2006.01)
H01R 13/523 (2006.01)
H01R 13/621 (2006.01)
H01R 24/86 (2011.01)
H02G 1/10 (2006.01)
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G06Q 30/06 (2012.01)
E04B 1/24 (2006.01)
E04B 1/26 (2006.01)
G01B 11/02 (2006.01)
G06K 9/00 (2006.01)
G06V 10/10 (2022.01)
G06V 30/14 (2022.01)
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B60D 1/155 (2006.01)
B60D 1/06 (2006.01)
B60D 1/36 (2006.01)
B60D 1/42 (2006.01)
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 (51) Int. Cl.
A61B 17/02 (2006.01)
A61B 34/20 (2016.01)
A61B 90/00 (2016.01)
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C08L 71/02 (2006.01)
B01D 53/14 (2006.01)
B31F 1/26 (2006.01)
C09K 3/18 (2006.01)
C09K 5/04 (2006.01)
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C12N 9/00 (2006.01)
C12Q 1/6876 (2018.01)
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A62C 99/00 (2010.01)
B08B 3/08 (2006.01)
B08B 9/08 (2006.01)
B08B 9/093 (2006.01)
B65D 90/44 (2006.01)
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H02J 7/00 (2006.01)
H02J 7/04 (2006.01)
H02J 50/10 (2016.01)
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A61K 9/00 (2006.01)
A61K 9/127 (2006.01)
A61K 39/39 (2006.01)
A61P 5/48 (2006.01)
A61P 11/06 (2006.01)
A61P 31/04 (2006.01)
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A62C 3/00 (2006.01)
A62C 27/00 (2006.01)
A62C 29/00 (2006.01)
A62C 31/05 (2006.01)
A62C 37/00 (2006.01)
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B64C 39/02 (2006.01)
B64D 1/16 (2006.01)
G01W 1/10 (2006.01)
G05D 1/00 (2006.01)
G06N 20/00 (2019.01)
G06Q 10/06 (2012.01)
G08B 17/00 (2006.01)
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H04W 4/90 (2018.01)
H04W 76/50 (2018.01)
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B29D 11/00 (2006.01)
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H02H 7/122 (2006.01)
H02H 1/04 (2006.01)
H02J 3/38 (2006.01)
H02S 50/00 (2014.01)
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(51) Int. Cl.
C07C 229/16 (2006.01)
A61K 9/127 (2006.01)
A61K 48/00 (2006.01)
C07C 229/24 (2006.01)
C07C 233/36 (2006.01)
C07C 237/12 (2006.01)
C07C 271/20 (2006.01)
C07C 275/14 (2006.01)
C07D 205/04 (2006.01)
C07D 207/12 (2006.01)
C07D 211/46 (2006.01)
C07D 211/58 (2006.01)
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C07D 487/10 (2006.01)
A61P 35/02 (2006.01)
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F27B 14/08 (2006.01)
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(54) Wound dressing control and activation
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A61L 15/18 (2006.01)
A61L 15/20 (2006.01)
A61L 15/44 (2006.01)
A61L 15/58 (2006.01)
A61L 26/00 (2006.01)
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(54) Dual mode negative pressure source operation for provision of negative pressure wound therapy
(51) Int. Cl.
A61M 1/00 (2006.01)
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B65B 13/32 (2006.01)
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(51) Int. Cl.
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A61K 9/20 (2006.01)
A61K 9/28 (2006.01)
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(51) Int. Cl.
C12N 9/64 (2006.01)
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C07C 45/63 (2006.01)
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C08J 3/075 (2006.01)
A61K 8/04 (2006.01)
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A61L 27/20 (2006.01)
A61L 27/26 (2006.01)
A61L 27/52 (2006.01)
A61L 27/54 (2006.01)
A61Q 19/08 (2006.01)
C08B 37/00 (2006.01)
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(54) Pongamia oil compositions, and methods for producing and using thereof
(51) Int. Cl.
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(51) Int. Cl.
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C02F 101/10 (2006.01)
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G06Q 30/00 (2012.01)
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<p>(71) The Trustees of the University of Pennsylvania (11) AU-A-2021226603 (21) 2021226603 (22) 28.02.2021 (54) Treating autosomal recessive bestrophinopathies and methods for evaluating same (51) Int. Cl. C12N 15/86 (2006.01) C12N 15/87 (2006.01) (87) WO2021/174175 (31) 62/983,046 (32) 28.02.20 (33) US 62/983,052 28.02.20 US (43) 02.09.2021 (72) GUZIEWICZ, Karina E.; CIDECIYAN, Artur V.; BELTRAN, William A.; JACOBSON, Samuel G.; AGUIRRE, Gustavo D. (74) WRAYS PTY LTD</p>	<p>(71) TotalEnergies OneTech; Centre national de la recherche scientifique; Universite De Reims Champagne-Ardenne (11) AU-A-2021240338 (21) 2021240338 (22) 25.03.2021 (54) Drone for measuring data representative of the content of at least two gases present in the atmosphere away from the ground and associated measurement method (51) Int. Cl. G01N 21/85 (2006.01) G01N 21/31 (2006.01) G01N 21/35 (2014.01) G01N 21/3504 (2014.01) (87) WO2021/191360 (31) FR2003027 (32) 27.03.20 (33) FR (43) 30.09.2021 (72) DONNAT, Ludovic; MAUNOURY, Abel; JOLY, Lilian; DECARPENTER-IE, Thomas; BURGALAT, Jérémie; CHAUVIN, Nicolas; ALBORA, Grégory; DUMELIE, Nicolas; COUSIN, Julien (74) Davies Collison Cave Pty Ltd</p>	<p>(71) UChicago Argonne, LLC (11) AU-A-2021255610 (21) 2021255610 (22) 15.04.2021 (54) Technetium-99M generator for enriched molybdenum (51) Int. Cl. G21G 4/08 (2006.01) (87) WO2021/211870 (31) 16/850,783 (32) 16.04.20 (33) US (43) 21.10.2021 (72) BROWN, Michael A.; BETTINARDI, David J.; TKAC, Peter (74) Spruson & Ferguson</p>
<p>(71) The Trustees of the University of Pennsylvania (11) AU-A-2021244303 (21) 2021244303 (22) 10.03.2021 (54) Automatically facilitating travel routes based upon travel scenarios (51) Int. Cl. G05D 1/00 (2006.01) G01C 21/00 (2006.01) G01C 21/28 (2006.01) G01C 21/32 (2006.01) G05D 1/02 (2020.01) (87) WO2021/194745 (31) 63/000,765 (32) 27.03.20 (33) US (43) 30.09.2021 (72) CIVITELLA, Antonio (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD</p>	<p>(71) Transfinder Corporation (11) AU-A-2021244303 (21) 2021244303 (22) 10.03.2021 (54) Automatically facilitating travel routes based upon travel scenarios (51) Int. Cl. G05D 1/00 (2006.01) G01C 21/00 (2006.01) G01C 21/28 (2006.01) G01C 21/32 (2006.01) G05D 1/02 (2020.01) (87) WO2021/194745 (31) 63/000,765 (32) 27.03.20 (33) US (43) 30.09.2021 (72) CIVITELLA, Antonio (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD</p>	<p>(71) UDP Labs, Inc. (11) AU-A-2020440130 (21) 2020440130 (22) 04.12.2020 (54) Systems and methods for remote patient screening and triage (51) Int. Cl. A61B 5/00 (2006.01) A61B 5/0205 (2006.01) A61B 5/024 (2006.01) A61B 5/08 (2006.01) G16H 50/70 (2018.01) (87) WO2021/201924 (31) 63/003,551 (32) 01.04.20 (33) US (43) 07.10.2021 (72) SAYADI, Omid; YOUNG, Steven Jay; HEWITT, Carl (74) Spruson & Ferguson</p>
<p>(71) The Trustees of the University of Pennsylvania (11) AU-A-2021228287 (21) 2021228287 (22) 28.02.2021 (54) Treating autosomal dominant bestrophinopathies and methods for evaluating same (51) Int. Cl. A61P 27/02 (2006.01) C12N 15/63 (2006.01) C12N 15/861 (2006.01) (87) WO2021/174173 (31) 62/983,046 (32) 28.02.20 (33) US 62/983,052 28.02.20 US (43) 02.09.2021 (72) CIDECIYAN, Artur V.; JACOBSON, Samuel G.; GUZIEWICZ, Karina E.; BELTRAN, William A.; AGUIRRE, Gustavo D. (74) WRAYS PTY LTD</p>	<p>(71) Tse, H. (11) AU-A-2020416664 (21) 2020416664 (22) 11.12.2020 (54) Pod vehicle (51) Int. Cl. B60R 21/0134 (2006.01) B60R 21/0136 (2006.01) B60R 21/02 (2006.01) B62D 24/04 (2006.01) B62D 33/06 (2006.01) (87) WO2021/137069 (31) 2002936.9 (32) 01.03.20 (33) GB 2003360.1 09.03.20 GB 2003571.3 12.03.20 GB 2004142.2 21.03.20 GB 2005517.4 16.04.20 GB 2005963.0 23.04.20 GB 202010359207.3 29.04.20 CN</p>	<p>(71) UDP Labs, Inc. (11) AU-A-2020440233 (21) 2020440233 (22) 04.12.2020 (54) Speech-controlled health monitoring systems and methods (51) Int. Cl. A61B 5/00 (2006.01) A61B 5/08 (2006.01) A61B 5/11 (2006.01) A61B 7/00 (2006.01) G10L 25/66 (2013.01) (87) WO2021/201925 (31) 63/003,551 (32) 01.04.20 (33) US (43) 07.10.2021 (72) SAYADI, Omid; YOUNG, Steven Jay; HEWITT, Carl; LUCKOW, Alan (74) Spruson & Ferguson</p>
<p>(71) ThisCap, Inc. (11) AU-A-2020440231 (21) 2020440231 (22) 31.10.2020 (54) Cap for container</p>	<p>(71) Uni-Pharma Kleon Tsetis Pharmaceutical Laboratories S.A.; Tseti, I. (11) AU-A-2021258544 (21) 2021258544 (22) 15.04.2021 (54) Pharmaceutical composition comprising L-triiodothyronine (T3) for use in the treatment of tissue hypoxemia and sepsis (51) Int. Cl. A61K 31/195 (2006.01) A61P 29/00 (2006.01) A61P 31/14 (2006.01)</p>	<p>(71) Uni-Pharma Kleon Tsetis Pharmaceutical Laboratories S.A.; Tseti, I. (11) AU-A-2021258544 (21) 2021258544 (22) 15.04.2021 (54) Pharmaceutical composition comprising L-triiodothyronine (T3) for use in the treatment of tissue hypoxemia and sepsis (51) Int. Cl. A61K 31/195 (2006.01) A61P 29/00 (2006.01) A61P 31/14 (2006.01)</p>

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- (71)** Universitat Politecnica de Catalunya; Comercial Quimica Massó, SA
(11) AU-A-2021240899
(21) 2021240899 **(22)** 17.03.2021
(54) Method, system and computer programs for the automatic counting of the number of insects in a trap
(51) Int. Cl.
G06K 9/00 (2006.01)
G06T 7/136 (2017.01)
G06T 7/155 (2017.01)
G06T 7/60 (2017.01)
G06V 10/10 (2022.01)
G06V 10/28 (2022.01)
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(74) James & Wells Intellectual Property
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- (71)** University of Florida Research Foundation, Incorporated
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(21) 2021247035 **(22)** 24.03.2021
(54) Targeted degradation of the oncogenic microRNA 17-92 cluster by structure-targeting ligands
(51) Int. Cl.
A61K 31/496 (2006.01)
A61K 38/14 (2006.01)
A61P 35/00 (2006.01)
C07D 235/18 (2006.01)
C07K 9/00 (2006.01)
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(72) DISNEY, Matthew D.
(74) Griffith Hack
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- (71)** University of Maryland, College Park
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(21) 2021261364 **(22)** 22.04.2021
(54) Moldable and molded cellulose-based structural materials, and systems and methods for forming and use thereof
(51) Int. Cl.
C08B 3/06 (2006.01)
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C08L 23/06 (2006.01)
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(74) Michael Buck IP
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A61K 31/005 (2006.01)
A61K 31/513 (2006.01)
A61K 47/10 (2017.01)
A61P 17/14 (2006.01)
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(72) PEYRAVIAN, Nadia; DAUNERT, Sylvia; JIMENEZ, Joaquin J.; HAMDAN, Suzana; ISSA, Naiem; DEO, Sapna K.; LENS, Assuan
(74) Catalyst Intellectual Property
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(21) 2021231776 **(22)** 02.03.2021
(54) Acoustic evaluation of wood properties
(51) Int. Cl.
G01N 3/32 (2006.01)
G01H 15/00 (2006.01)
G01M 7/08 (2006.01)
G01N 3/04 (2006.01)
G01N 3/40 (2006.01)
G01N 33/46 (2006.01)
(87) WO2021/178453
(31) 62/984,287 **(32)** 02.03.20 **(33)** US
(43) 10.09.2021
(72) ANTTILA, Ake J.
(74) Spruson & Ferguson
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- (71)** Vallourec Tube-Alloy, LLC
(11) AU-A-2021245929
(21) 2021245929 **(22)** 31.03.2021
(54) Assembly with tightly controlled axial gap for threaded connector insulation on vacuum insulated tubing
(51) Int. Cl.
E21B 17/20 (2006.01)
E21B 17/08 (2006.01)
F16L 19/00 (2006.01)
F16L 19/02 (2006.01)
F16L 59/14 (2006.01)
(87) WO2021/202733
(31) 63/003,424 **(32)** 01.04.20 **(33)** US
(43) 07.10.2021
(72) ROUSSIE, Gabriel
(74) AJ PARK
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(21) 2021251423 **(22)** 09.04.2021
(54) Natural antibodies in prophylaxis and therapy
(51) Int. Cl.
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A61P 9/10 (2006.01)
A61P 11/00 (2006.01)
A61P 25/28 (2006.01)
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C07K 16/00 (2006.01)
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(72) ÜBELHART, Rudolf; SCHALLER, Torsten; ARNDT, Michaela
(74) Spruson & Ferguson
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(11) AU-A-2020435457
(21) 2020435457 **(22)** 04.08.2020
(54) Technology configured to enable fault detection and condition assessment of underground stormwater and sewer pipes
(51) Int. Cl.
G01N 21/88 (2006.01)
E03F 7/00 (2006.01)
G06K 9/62 (2006.01)
G06N 3/02 (2006.01)
G06T 7/00 (2017.01)
(87) WO2021/179033
(31) 2020900724 **(32)** 09.03.20 **(33)** AU
(43) 16.09.2021
(72) AGUILAR, Michelle; SIQUEIRA, Amanda
(74) FORWARD INTELLECTUAL PROPERTY PTY LTD
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(54) 7- or 8-hydroxy-isoquinoline and 7- or 8-hydroxy-quinoline derivatives as alpha-1 -antitrypsin modulators for treating alpha-1 -antitrypsin deficiency (AATD)
(51) Int. Cl.
C07D 215/20 (2006.01)
A61K 31/47 (2006.01)
A61K 31/4709 (2006.01)
A61K 31/472 (2006.01)
A61K 31/4725 (2006.01)
A61P 1/00 (2006.01)
A61P 1/14 (2006.01)
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A61P 11/00 (2006.01)
A61P 11/08 (2006.01)
C07D 215/22 (2006.01)
C07D 215/24 (2006.01)
C07D 215/38 (2006.01)
C07D 217/24 (2006.01)
C07D 217/26 (2006.01)
C07D 401/04 (2006.01)
C07D 401/12 (2006.01)
C07D 405/14 (2006.01)
C07D 413/12 (2006.01)
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(43) 07.10.2021
(72) GIROUX, Simon; CLARK, Michael Philip; BRODNEY, Michael Aaron; JONES, Peter; DENINNO, Michael Paul; GU, Wenxin; TANG, Qing; STONE, Steven David; SENTER, Timothy J.; GALE-DAY, Zachary; BOUCHER, Diane Marie; FANNING, Lev T.D.; HALL, Amy B.; HURLEY, Dennis James; JOHNSON, JR., Mac Arthur; MAXWELL, John Patrick; SWETT, Rebecca Jane; TAPLEY, Timothy Lewis; THOMSON, Stephen A.; DAMAGNEZ, Veronique; COTTRELL, Kevin Michael
(74) AJ PARK
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- (71) Vertex Pharmaceuticals Incorporated
(11) AU-A-2021247282
(21) 2021247282 (22) 02.04.2021
(54) Pyrrolo(2,3-f)indazole and 2,4,5,10-tetraza-tricyclo(7.3.0.0.3,7)dodeca-1,3(7),5,8,11-pentaene derivatives as alpha-1-antitrypsin modulators for treating alpha-1-antitrypsin deficiency (AATD)
(51) Int. Cl.
C07D 487/04 (2006.01)
A61K 31/407 (2006.01)
A61K 31/4162 (2006.01)
A61K 31/437 (2006.01)
A61P 1/00 (2006.01)
A61P 1/14 (2006.01)
A61P 1/16 (2006.01)
A61P 11/00 (2006.01)
A61P 11/08 (2006.01)
A61P 11/10 (2006.01)
A61P 17/00 (2006.01)
A61P 31/00 (2006.01)
A61P 31/02 (2006.01)
A61P 35/00 (2006.01)
C07D 471/14 (2006.01)
- (87) WO2021/203010
(31) 63/004,636 (32) 03.04.20 (33) US
(43) 07.10.2021
(72) GIROUX, Simon; BOYD, Michael John; FIMOGNARI Jr., Robert Francis; ZAKY, Mariam; GREY Jr., Ronald Lee; XU, Jinwang; KESAVAN, Sarathy; NUHANT, Philippe Marcel; GARCIA BARRANTES, Pedro Manuel; JONES, Peter; BRODNEY, Michael Aaron; BOUCHER, Diane Marie; FANNING, Lev T. D.; HALL, Amy B.; HURLEY, Dennis James; JOHNSON, Jr., Mac Arthur; MAXWELL, John Patrick; SWETT, Rebecca Jane; TAPLEY, Timothy Lewis; THOMSON, Stephen A.; DAMAGNEZ, Veronique; COTTRELL, Kevin Michael
(74) AJ PARK
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- (71) Vertex Pharmaceuticals Incorporated
(11) AU-A-2021247285
(21) 2021247285 (22) 02.04.2021
- (54) 1 H-pyrazolo(4,3-g)isoquinoline and 1 H-pyrazolo(4,3-g)quinoline derivatives as alpha-1-antitrypsin modulators for treating alpha-1-antitrypsin deficiency (AATD)
(51) Int. Cl.
C07D 471/04 (2006.01)
A61K 31/4745 (2006.01)
A61P 1/00 (2006.01)
A61P 1/14 (2006.01)
A61P 1/16 (2006.01)
A61P 11/00 (2006.01)
A61P 11/08 (2006.01)
A61P 11/10 (2006.01)
A61P 17/00 (2006.01)
A61P 31/00 (2006.01)
A61P 31/02 (2006.01)
A61P 35/00 (2006.01)
- (87) WO2021/203025
(31) 63/004,719 (32) 03.04.20 (33) US
(43) 07.10.2021
(72) GIROUX, Simon; NUHANT, Philippe Marcel; BANDARAGE, Upul Keerthi; GARCIA BARRANTES, Pedro Manuel; LIAO, Yusheng; GALE-DAY, Zachary; GU, Wenxin; KARNs, Alexander S.; ZHANG, Hu; ALLEN, Emily Elizabeth; XU, Jinwang; DENINNO, Michael Paul; TANG, Qing; BOUCHER, Diane Marie; FANNING, Lev T.D.; HALL, Amy B.; HURLEY, Dennis James; JOHNSON Jr., Mac Arthur; MAXWELL, John Patrick; SWETT, Rebecca Jane; TAPLEY, Timothy Lewis; THOMSON, Stephen A.; DAMAGNEZ, Veronique; COTTRELL, Kevin Michael
(74) AJ PARK
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- (71) Vertex Pharmaceuticals Incorporated
(11) AU-A-2021248641
(21) 2021248641 (22) 02.04.2021
(54) Pyrano(4,3-b)ndole derivatives as alpha-1-antitrypsin modulators for treating alpha-1-antitrypsin deficiency (AATD)
(51) Int. Cl.
C07D 491/04 (2006.01)
A61K 31/407 (2006.01)
A61P 1/00 (2006.01)
A61P 1/14 (2006.01)
A61P 1/16 (2006.01)
A61P 11/00 (2006.01)
A61P 11/08 (2006.01)
A61P 11/10 (2006.01)
A61P 17/00 (2006.01)
A61P 31/00 (2006.01)
A61P 31/02 (2006.01)
A61P 35/00 (2006.01)
- (87) WO2021/203014
(31) 63/004,702 (32) 03.04.20 (33) US
(43) 07.10.2021
(72) CLARK, Michael Philip; GIROUX, Simon; COLLIER, Philip Noel; TANG, Qing; WAAL, Nathan D.; KESAVAN, Sarathy; JONES, Peter; BRODNEY, Michael Aaron; GU, Wenxin; BOUCHER, Diane Marie; FANNING, Lev T.D.; HALL, Amy B.; HURLEY, Dennis James; JOHNSON, JR., Mac Arthur; MAXWELL, John Patrick; SWETT, Rebecca Jane; TAPLEY, Timothy Lewis;
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- THOMSON, Stephen A.; DAMAGNEZ, Veronique; COTTRELL, Kevin Michael
(74) AJ PARK
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- (71) Vetco Gray Scandinavia AS
(11) AU-A-2021240803
(21) 2021240803 (22) 17.03.2021
(54) Self-propelled valve actuator on a rail transport system for manifolds and sub-sea trees
(51) Int. Cl.
E21B 33/035 (2006.01)
B25J 5/02 (2006.01)
E21B 4/00 (2006.01)
E21B 34/02 (2006.01)
E21B 41/00 (2006.01)
E21B 41/04 (2006.01)
- (87) WO2021/190787
(31) 20200365 (32) 27.03.20 (33) NO
(43) 30.09.2021
(72) BIERNACIK, Dawid
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71) Vigeo Technologies, Inc.
(11) AU-A-2021261394
(21) 2021261394 (22) 23.04.2021
(54) Systems, devices and methods for the dynamic generation of dialog-based interactive content
(51) Int. Cl.
G06F 40/00 (2020.01)
- (87) WO2021/216953
(31) 63/014,348 (32) 23.04.20 (33) US
(43) 28.10.2021
(72) GAO, Victor; BERGER, Adam
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) Visterra, Inc.; Plante, O.; Koch, T.
(11) AU-A-2021248643
(21) 2021248643 (22) 02.04.2021
(54) Antibody molecule-drug conjugates and uses thereof
(51) Int. Cl.
A61K 47/68 (2017.01)
A61P 31/04 (2006.01)
C07K 14/00 (2006.01)
C07K 16/00 (2006.01)
- (87) WO2021/203024
(31) 63/004,946 (32) 03.04.20 (33) US
(43) 07.10.2021
(72) PLANTE, Obadiah Joseph; KOCH, Tyree J.; VISWANATHAN, Karthik; JOHNSON, Kenneth Douglas; DELANEY, James C.; TISSIRE, Hamid; WOLLACOTT, Andrew M.; RAMAKRISHNAN, Boopathy
(74) K&L Gates
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- (71) VKR Holding A/S
(11) AU-A-2021234658
(21) 2021234658 (22) 10.03.2021
(54) A packaging for roof window installation products, a packed kit of window installation products, and the use of a packaging for roof window installation products

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- (51) Int. Cl.
B65D 5/42 (2006.01)
B65D 5/46 (2006.01)
B65D 5/54 (2006.01)
B65D 85/48 (2006.01)
B65D 85/64 (2006.01)
(87) WO2021/180288
(31) PA 2020 70162 (32) 10.03.20 (33) DK
(43) 16.09.2021
(72) ØSTERGAARD, Leif Schack
(74) Allens Patent & Trade Mark Attorneys
-
- (71) W. L. Gore & Associates, Inc.
(11) AU-A-2021248824
(21) 2021248824 (22) 31.03.2021
(54) Articles containing expanded poly (tetramethyl-p-silphenylenesiloxane) and methods for producing the same
(51) Int. Cl.
C08J 9/16 (2006.01)
(87) WO2021/202628
(31) 63/004,601 (32) 03.04.20 (33) US
(43) 07.10.2021
(72) GUPTA, Ravi; SBRIGLIA, Guy A.
(74) Griffith Hack
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- (71) Walking Fish Therapeutics
(11) AU-A-2021249123
(21) 2021249123 (22) 31.03.2021
(54) Modified B cells and methods of use thereof
(51) Int. Cl.
C12N 15/85 (2006.01)
A61K 35/17 (2015.01)
C07K 16/28 (2006.01)
C12N 15/87 (2006.01)
(87) WO2021/202810
(31) 63/003,120 (32) 31.03.20 (33) US
(43) 07.10.2021
(72) BOYLE, Kathleen; PARK, Hangil; KOTHAKOTA, Srinivas; SELBY, Mark; BRENNAN, Thomas; WILLIAMS, Lewis T.
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) Weatherford Technology Holdings, LLC
(11) AU-A-2021246951
(21) 2021246951 (22) 12.03.2021
(54) A running tool for a liner string
(51) Int. Cl.
E21B 23/04 (2006.01)
E21B 33/04 (2006.01)
E21B 33/12 (2006.01)
E21B 34/10 (2006.01)
(87) WO2021/202086
(31) 16/837,034 (32) 01.04.20 (33) US
(43) 07.10.2021
(72) TURLEY, Rocky A.; MURRAY, Mark J.; LUKE, Mike A.
(74) WRAYS PTY LTD
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- (71) West.Neder.Land. Sandwich Panelen B.V.
(11) AU-A-2021260423
(21) 2021260423 (22) 16.04.2021
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- (54) Building panel and coupling system for such building panels
(51) Int. Cl.
E04D 3/35 (2006.01)
E04C 2/292 (2006.01)
(87) WO2021/215910
(31) 2025373 (32) 20.04.20 (33) NL
(43) 28.10.2021
(72) HOLLAAR, Gerrit Jan; VAN DE GROENENDAAL, Michiel
(74) FPA Patent Attorneys Pty Ltd
-
- (71) WestRock Packaging Systems, LLC
(11) AU-A-2021242318
(21) 2021242318 (22) 26.03.2021
(54) Article carrier and blank therefor
(51) Int. Cl.
B65D 71/42 (2006.01)
(87) WO2021/195454
(31) 63/000,158 (32) 26.03.20 (33) US
63/062,989 07.08.20 US
(43) 30.09.2021
(72) MERZEAU, Julien D.; AVRIL, Fabrice; THEROND, Alexandre; TEILLLOL, Nicolas; DAVAILLON, Emmanuel
(74) Spruson & Ferguson
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- (71) Who's Shout Pty Ltd
(11) AU-A-2021230395
(21) 2021230395 (22) 02.03.2021
(54) Multi-instance, multi-user ordering method and system
(51) Int. Cl.
G06Q 30/04 (2012.01)
G06Q 20/08 (2012.01)
G06Q 20/14 (2012.01)
G06Q 50/12 (2012.01)
(87) WO2021/174297
(31) 2020900640 (32) 03.03.20 (33) AU
(43) 10.09.2021
(72) ELLIS, Anthony; KASBARIAN, John; CURRAN, Steven; BEALE, Howard
(74) Blackwattle IP
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- (71) Wintermute Biomedical, Inc.
(11) AU-A-2021248831
(21) 2021248831 (22) 31.03.2021
(54) Therapeutic compositions
(51) Int. Cl.
A61K 9/00 (2006.01)
A61K 31/198 (2006.01)
A61K 31/201 (2006.01)
A61P 31/04 (2006.01)
A61P 31/12 (2006.01)
(87) WO2021/202644
(31) 16/836,881 (32) 31.03.20 (33) US
16/836,893 31.03.20 US
(43) 07.10.2021
(72) RAU, Thomas F.; ROGERS, Geoffrey W.
(74) RNB IP PTY LTD
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- (71) Zebra Technologies Corporation
(11) AU-A-2021254419
(21) 2021254419 (22) 08.04.2021
(54) Media cartridge
(51) Int. Cl.
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- B41J 15/04** (2006.01)
(87) WO2021/207456
(31) 16/844,755 (32) 09.04.20 (33) US
(43) 14.10.2021
(72) CHOW, Steve Ting Kei; ROSALES, Angel B.; CARROLL, Daniel V.; HACKETT, Edward Anthony
(74) Spruson & Ferguson
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- (71) Zhongkenongfu (Beijing) Biotechnology Co., Ltd
(11) AU-A-2020434699
(21) 2020434699 (22) 10.08.2020
(54) Use of flavonoid glycoside substance and glycosyltransferase gene therefor in regulating resistance of plant to weeds
(51) Int. Cl.
C02F 1/50 (2006.01)
A01N 43/16 (2006.01)
A01P 13/00 (2006.01)
C12N 9/10 (2006.01)
C12N 9/24 (2006.01)
C12N 15/09 (2006.01)
(87) WO2021/179530
(31) 202010169781.2 (32) 12.03.20 (33) CN
202010169977.1 12.03.20 CN
(43) 16.09.2021
(72) QI, Xiaoquan; MA, Aimin; SONG, Bo
(74) Spruson & Ferguson
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- (71) Zorion Medical, Inc.
(11) AU-A-2021251858
(21) 2021251858 (22) 07.04.2021
(54) Bio-alloy braided self-expanding biodegradable stent
(51) Int. Cl.
A61F 2/90 (2013.01)
(87) WO2021/207366
(31) 63/006,565 (32) 07.04.20 (33) US
(43) 14.10.2021
(72) PAQUIN, Mark; BROECKER, David
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) Zylo Therapeutics, Inc.
(11) AU-A-2020296106
(21) 2020296106 (22) 19.06.2020
(54) Sulfur functionalized monoliths and particles derived from the same as nitric oxide carriers for pharmaceutical and cosmetic applications
(51) Int. Cl.
A61K 33/00 (2006.01)
A61K 47/10 (2017.01)
A61K 47/12 (2006.01)
(87) WO2020/257641
(31) 62/863,503 (32) 19.06.19 (33) US
(43) 24.12.2020
(72) DRAGANSKI, Andrew
(74) Spruson & Ferguson

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2020256848	Speedx Pty Ltd	2021231916	Endolytix Technology, Inc.
2020296106	Zylo Therapeutics, Inc.	2021231973	Bespoken Spirits, Inc.
2020416664	Tse, H.	2021231989	Bespoken Spirits, Inc.
2020432893	Lanshen Group Corp., Ltd.	2021231993	Bespoken Spirits, Inc.
2020432916	Garwood Medical Devices, LLC	2021232060	University of Miami
2020433321	Grenzebach BSH GmbH; Petrurgia Eood	2021232090	Histosonics, Inc.
2020434022	4C Medical Technologies, Inc.	2021232205	360 Knee Systems Pty Ltd
2020434031	Metso Outotec Finland Oy	2021232209	AS Innovative Holdings Pty Ltd
2020434699	Zhongkenongfu (Beijing) Biotechnology Co., Ltd	2021232521	Nelson, W.
2020435457	Vapar Pty Ltd	2021232601	Aditxt, Inc.; The Board of Trustees of the Leland Stanford Junior University
2020436767	Hinge Health, Inc.	2021232880	Teh Yor Co., Ltd.
2020436768	Hinge Health, Inc.	2021233383	HitIQ Limited
2020438739	PS Audio Design Oy	2021233754	GreenFlux Assets B.V.
2020438783	Dow Global Technologies LLC	2021234252	Panduit Corp.
2020439299	ICON Engineering Pty Ltd	2021234307	SolvCor Technologies, LLC.
2020440130	UDP Labs, Inc.	2021234658	VKR Holding A/S
2020440231	ThisCap, Inc.	2021234984	Simpson Strong-Tie A/S
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2020440406	Odffjell Partners Invest Ltd	2021236673	G2 Power, Inc.
2020440680	I Seek Blinds Pty Ltd	2021236680	Molecular Stethoscope, Inc.
2020440893	Shenzhen Shokz Co., Ltd.	2021236811	Techfields Inc.
2020441195	Forpet S.A.R.L.	2021237732	Steris Instrument Management Services, Inc.
2020446650	Nohms Technologies, Inc.	2021237770	Groupe Lactalis
2020448642	Longi Solar Technology (Taizhou) Co., Ltd.	2021238321	Dynamic Motion, LLC; Zehfuss, M.
2020450939	Halliburton Energy Services, Inc.	2021238794	Huawei Technologies Co., Ltd.
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2020469155	TASZ, Inc.	2021239654	Orizuru Therapeutics, Inc.
2021225330	Depuy Ireland Unlimited Company	2021239829	PeptiSystems AB
2021226471	Barrco, Inc.	2021240092	Mission Bio, Inc.
2021226601	Ginsburg, L.; Crawford, N.	2021240338	TotalEnergies OneTech; Centre national de la recherche scientifique; Universite De Reims Champagne-Ardenne
2021226603	The Trustees of the University of Pennsylvania	2021240344	Heptares Therapeutics Limited
2021228287	The Trustees of the University of Pennsylvania	2021240487	Shanghai Quicktron Intelligent Technology Co., Ltd
2021228566	Cisco Technology, Inc.	2021240803	Vetco Gray Scandinavia AS
2021229376	Heritage Industries, LLC	2021240899	Universitat Politècnica de Catalunya; Comercial Química Massó, SA
2021229388	Computational Life Inc.	2021241095	Kyushu University, National University Corporation
2021229611	Active Biotech AB; The Wistar Institute of Anatomy and Biology	2021241337	Novadelta - Comércio e Indústria de Cafés, Lda
2021229668	Magellan Systems Japan, Inc.	2021241518	Baker Hughes Oilfield Operations LLC
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2021229743	Stephen, C.; Dimmock, M.; Aitchison, G.	2021241609	Baker Hughes Oilfield Operations LLC
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2021229920	Fong, S.	2021242202	Boston Scientific Scimed, Inc.
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2021230410	360 Knee Systems Pty Ltd	2021243725	Heptares Therapeutics Limited
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2021247132	BRAWO SYSTEMS GmbH	2021253184	Inserm - Institut National de la Santé et de la Recherche Médicale; Université de Strasbourg
2021247191	SHINE Technologies, LLC	2021253484	Technische Universiteit Delft
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2021248266	Grasslanz Technology Limited	2021254419	Zebra Technologies Corporation
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2021248635	Mersana Therapeutics, Inc.	2021254787	Pindrop Security, Inc.
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2021248643	Visterra, Inc.; Plante, O.; Koch, T.	2021255482	Mitek Holdings, Inc.
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2021248725	Cimpress Schweiz GmbH	2021255711	Regeneron Pharmaceuticals, Inc.
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2021248831	Wintermute Biomedical, Inc.	2021255908	Estetra SRL
2021248881	Bruin Biometrics, LLC	2021256006	Enpro Subsea Limited
2021249053	Pulmonem Inc.	2021256265	SEB S.A.
2021249123	Walking Fish Therapeutics	2021256864	SEB S.A.
2021249203	Genesys Cloud Services Holdings II, LLC	2021256968	RubyElf LLC
2021249317	Planet Protector Packaging Pty Ltd	2021257050	Statens Serum Institut
2021249344	Mitsui Chemicals, Inc.	2021257269	Boston Scientific Scimed, Inc.
2021249399	Nuovo Pignone Technologie - S.r.l.	2021257389	National University of Singapore; National University Hospital (Singapore) Pte Ltd
2021249532	Orum Therapeutics, Inc.	2021257539	SEB S.A.
2021249547	Security Matters Ltd.	2021257800	Herrin, R.; Khant, S.
2021249556	The E. Wolfson Medical Center	2021257801	Amgen Inc.
2021249888	Kyowa Kirin Co., Ltd.	2021258255	The Board of Regents of the University of Texas System
2021249949	Fujifilm Corporation	2021258459	Essilor International
2021250459	T.J.Smith and Nephew, Limited	2021258516	Faron Pharmaceuticals Oy
2021250655	Poxel	2021258544	Uni-Pharma Kleon Tsetis Pharmaceutical Laboratories S.A.; Tseti, I.
2021250672	Nuovo Pignone Technologie - S.r.l.		
2021250695	Biophytis; Sorbonne Université		
2021251041	NUTS Holdings, LLC		
2021251113	Cellect LLC		

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2021259244	Frito-Lay North America, Inc.	2021285952	International Business Machines Corporation
2021259332	Atriva Therapeutics GmbH	2021286514	International Business Machines Corporation
2021259475	Avent, Inc.	2021286720	Emory University
2021259495	Pike Therapeutics, Inc.	2021287803	Acucela Inc.
2021259571	Nutcracker Therapeutics, Inc.	2021288002	International Business Machines Corporation
2021259692	Seevix Material Sciences Ltd.	2021291946	Standard Energy Co., Ltd.
2021260105	Arch UK Biocides Ltd	2021291976	International Business Machines Corporation
2021260423	West.Neder.Land. Sandwich Panelen B.V.	2021293580	Encore Medical, LP DBA DJO Surgical
2021260469	Electrolux Home Products, Inc.	2021296187	International Business Machines Corporation
2021260856	Dr. Falk Pharma GmbH	2021297101	International Business Machines Corporation
2021260928	IGM Biosciences, Inc.	2021302918	Systems Spray-Cooled, Inc.
2021261364	University of Maryland, College Park	2021320569	Alteogen, Inc
2021261394	Vigeo Technologies, Inc.	2021344965	llumina, Inc.
2021261539	Mercedes-Benz Group AG	2021359041	Abbott Rapid Diagnostics International Unlimited Com- pany; Hu, H.
2021261566	T.J.Smith and Nephew,Limited	2021363110	Biosigns Pte. Ltd.
2021263354	Avanir Pharmaceuticals Inc.	2021364621	Kim, M.H.; Kim, S.G.
2021263408	Bristol-Myers Squibb Company	2021376411	llumina, Inc.
2021263735	Armata Pharmaceuticals, Inc.	2021390617	CRRC Nanjing Puzhen Co., Ltd.
2021263813	Amgen Inc.	2021412285	De' Longhi Appliances S.r.l.
2021263997	International Paper Company	2021427503	Rotam Agrochem International Company Limited
2021264463	Smith & Nephew, Inc.; Smith & Nephew Orthopaedics AG; Smith & Nephew Asia Pacific Pte. Limited	2021435254	Contemporary Amperex Technology Co., Limited
2021264599	Electrolux Home Products, Inc.	2022234607	Rznomics Inc.
2021264838	Biocytogen Pharmaceuticals (Beijing) Co., Ltd.	2022235027	Limacorporate S.p.A.
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2021265108	Amgen Inc.		
2021265110	Gilead Sciences, Inc.		
2021265189	Merck Patent GmbH		
2021265269	Modern Meadow, Inc.		
2021265789	Avent, Inc.		
2021266444	International Business Machines Corporation		
2021267488	Brius Technologies, Inc.		
2021267838	Kyocera Senco Industrial Tools, Inc.		
2021267918	International Business Machines Corporation		
2021267947	Iron Hedge, LLC		
2021268094	Merck Patent GmbH; Cancer Research Technology Ltd.		
2021268217	Brius Technologies, Inc.		
2021268263	Genus PLC		
2021268311	Northrop Grumman Systems Corporation		
2021268545	Northrop Grumman Systems Corporation		
2021268555	Echogen Power Systems (Delaware), Inc.		
2021268603	llumina, Inc.		
2021268885	Navicure Biopharmaceuticals Limited		
2021269556	llumina, Inc.		
2021269906	International Business Machines Corporation		
2021269911	International Business Machines Corporation		
2021270822	Hilti Aktiengesellschaft		
2021270884	Baltimore Aircoil Company, Inc.		
2021270888	International Business Machines Corporation		
2021271153	Corteva Agriscience LLC		
2021271230	International Business Machines Corporation		
2021271726	Google LLC		
2021271951	AKI, Inc.		
2021272362	Bambino Prezioso Switzerland AG		
2021272639	Kill-Frech, C.		
2021272714	Bambino Prezioso Switzerland AG		
2021272726	International Business Machines Corporation		
2021273997	AKI, Inc.		
2021274482	Capital One Services, LLC		
2021274544	International Business Machines Corporation		
2021276012	KPR U.S., LLC		
2021276638	International Business Machines Corporation		
2021277244	Bon Secours Mercy Health, Inc.		
2021277315	Dyno Nobel Inc.		
2021278702	Smart Patents AS		
2021278875	Abbott Diabetes Care Inc.		
2021279026	Abbott Diabetes Care Inc.		
2021280268	Howmet Aerospace Inc.		
2021280972	Lumendo AG		
2021281393	Siemens Energy AS; Siemens Energy Limited		
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<u>B60R 21 /-</u>	<u>B63H 25 /-</u>	<u>B65D 90 /-</u>	<u>C04B 28 /-</u>	2021254312	
2020416664	2021244230	2021251679	2021270822	<u>C07D 211 /-</u>	
<u>B61F 5 /-</u>	<u>B64C 21 /-</u>	<u>B65G 1 /-</u>	<u>C04B 40 /-</u>	2021254312	<u>C07D 487 /-</u>
2021390617	2021246883	2021240487	2021270822	<u>C07D 213 /-</u>	2021240344 2021241886 2021243725 2021247282

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2021251335	2021263408	<u>C09B 11/-</u>	2021249888	2021257801	
2021252552	2021264838			2021258516	<u>E03F 7/-</u>
2021265110	2021268885	2021253118	<u>C12N 15/-</u>	2021268263	
2021268094				2021268603	2020435457
	<u>C07K 19/-</u>	<u>C09D 11/-</u>	2020434699	2021269556	
<u>C07D 491/-</u>			2021226603		<u>E04B 1/-</u>
	2021231327	2021231217	2021228287	<u>C12R 1/-</u>	
2021248641		2021271951	2021231327		2021234984
2021265110	<u>C07K 5/-</u>		2021232601	2021248266	
		<u>C09D 175/-</u>	2021240092		<u>E04B 9/-</u>
<u>C07D 498/-</u>	2021229984		2021242116	<u>C22B 3/-</u>	
		2021231858	2021246024		2021245069
2021242202	<u>C07K 9/-</u>		2021248266	2021247191	
2021265110		<u>C09D 5/-</u>	2021249123		<u>E04C 2/-</u>
2021268094	2021247035		2021249888	<u>C22B 59/-</u>	
		2021258459	2021252110		2021260423
<u>C07D 513/-</u>	<u>C08B 3/-</u>	<u>C09D 7/-</u>	2021252515	2021247191	<u>E04D 3/-</u>
			2021253184	<u>C22B 9/-</u>	
2021265110	2021261364	2021271951	2021258516		2021260423
2021268094	<u>C08B 37/-</u>	<u>C09K 3/-</u>	2021264838	2021247191	<u>E04F 13/-</u>
			2021268263	<u>C23C 16/-</u>	
	2021229679	2021234307	2021320569		2021245069
2021268094	2021252157		2022234607	2021252546	
	<u>C08F 122/-</u>	<u>C09K 5/-</u>	<u>C12N 5/-</u>		<u>E04H 17/-</u>
<u>C07F 13/-</u>				<u>C40B 30/-</u>	
	2021280972	2021234307	2021239654		2021267947
2021229984			2021248640	2021236680	
<u>C07F 9/-</u>	<u>C08F 2/-</u>	<u>C10B 1/-</u>	2021248799		<u>E06B 9/-</u>
			2021249888	<u>D01D 5/-</u>	
2021241095	2021280972	2021247762	2021251113		2020440680
			2021251255	2021259692	2021232880
<u>C07H 1/-</u>	<u>C08F 290/-</u>	<u>C10B 47/-</u>	2021252515		
			2021286720	<u>D01F 1/-</u>	<u>E21B 17/-</u>
2021246815	2021280972	2021247762			
2021247043			<u>C12N 7/-</u>	2021259692	2021232209
	<u>C08G 18/-</u>	<u>C10G 1/-</u>			2021245929
<u>C07H 19/-</u>			2021231086	<u>D01F 11/-</u>	
	2021231858	2021255899	2021231916		<u>E21B 19/-</u>
2021246815	<u>C08J 3/-</u>	<u>C12C 11/-</u>	<u>C12N 9/-</u>	2021252546	
2021247043					2020439299
	2021252157	2021231989	2020256848	<u>D01F 4/-</u>	2020450939
<u>C07H 21/-</u>	2021280972		2020434699		
		<u>C12C 5/-</u>	2021231783	2021259692	<u>E21B 23/-</u>
2021247043	<u>C08J 5/-</u>		2021232601		
2021259571		2021231973	2021240092	<u>D04H 3/-</u>	2020440406
	2021251404		2021242116		2021241519
<u>C07K 1/-</u>		<u>C12G 3/-</u>	2021248679	2021249344	2021244350
	<u>C08J 9/-</u>		2021252041	<u>D06F 33/-</u>	2021244353
2021239829		2021231973	2021252041		2021246951
	2021248824	2021231989	2021252515	2021229880	<u>E21B 29/-</u>
<u>C07K 14/-</u>		2021231993	2021320569	2021229883	
	<u>C08L 23/-</u>	<u>C12H 1/-</u>	<u>C12P 17/-</u>		2021241518
2021238925				<u>D06F 58/-</u>	2021244353
2021245348	2021261364		2021248266		
2021248640		2021231973		2021229880	<u>E21B 33/-</u>
2021248643	<u>C08L 25/-</u>	2021231989		2021229883	
2021253641		2021231993	<u>C12P 21/-</u>		2021232209
2021254272	2021261364			<u>E02D 29/-</u>	2021240803
2021259692		<u>C12J 1/-</u>	2021242116		2021246951
2021268263	<u>C08L 5/-</u>			2021226471	2021256006
		2021259244	<u>C12P 5/-</u>		2021281393
<u>C07K 16/-</u>	2021252157			<u>E02F 3/-</u>	
		<u>C12M 1/-</u>	2021252041		<u>E21B 34/-</u>
2021229611	<u>C08L 71/-</u>			2021247074	
2021231327		2021241620	<u>C12Q 1/-</u>	2021251381	2021240803
2021248643	2021234307	2021259571			2021241518
2021248795			2020256848	<u>E02F 5/-</u>	2021241609
2021249123	<u>C08L 9/-</u>	<u>C12N 1/-</u>	2021230341		2021246951
2021249888			2021231086	2021251381	
2021251113	2021265269	2021241620	2021231803		<u>E21B 4/-</u>
2021251423		2021242116	2021231916	<u>E02F 9/-</u>	
2021258516		2021246535	2021236680		2021240803
2021260928		2021248266	2021240092	2021247074	

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<u>E21B 41 /-</u>	<u>F16B 33 /-</u>	<u>F16N 9 /-</u>	<u>F27B 14 /-</u>	<u>G01N 29 /-</u>	<u>G05D 1 /-</u>
2021240803	2021280268	2021229376	2021302918	2021231630	2021229743 2021244303 2021247074
<u>E21B 43 /-</u>	<u>F16B 35 /-</u>	<u>F22B 37 /-</u>	<u>F27B 7 /-</u>	<u>G01N 3 /-</u>	<u>G05D 11 /-</u>
2021241609 2021252827 2021256006	2021280268	2021263997	2021247762	2021231776	2021270884
<u>E21B 47 /-</u>	<u>F16B 39 /-</u>	<u>F23D 14 /-</u>	<u>F27D 3 /-</u>	<u>G01N 30 /-</u>	<u>G06F 11 /-</u>
2020450939	2021255482	2021236673	2021247762	2021248795	2021297101
<u>E21B 7 /-</u>	<u>F16B 43 /-</u>	<u>F23G 5 /-</u>	<u>F27D 9 /-</u>	<u>G01N 31 /-</u>	<u>G06F 16 /-</u>
2021241518 2021241519 2021244350 2021244353	2021255482	2020433321	2021302918	2021255033	2021265189 2021274482 2021276638
<u>E21C 25 /-</u>	<u>F16B 5 /-</u>	<u>F23G 7 /-</u>	<u>F42D 1 /-</u>	<u>G01N 33 /-</u>	<u>G06F 21 /-</u>
2021251381	2021280268	2020433321	2021277315	2021231630 2021231776 2021231783 2021236680 2021244045 2021248795 2021252813 2021258516 2021259332 2021359041	2021230454 2021251041 2021254787
<u>E21C 35 /-</u>	<u>F16H 1 /-</u>	<u>F23J 15 /-</u>	<u>F42D 3 /-</u>	<u>G01R 22 /-</u>	<u>G06F 3 /-</u>
2021251381	2021364621	2020434031	2021277315	2021246668	2021230454 2021284512
<u>F01D 25 /-</u>	<u>F16K 1 /-</u>	<u>F23J 3 /-</u>	<u>F42D 5 /-</u>	<u>G01R 31 /-</u>	<u>G06F 30 /-</u>
2021249399 2021250672	2021244158	2021263997	2021277315	2021246668	2021269911
<u>F02B 37 /-</u>	<u>F16K 25 /-</u>	<u>F23L 7 /-</u>	<u>F42D 99 /-</u>	<u>G01S 19 /-</u>	<u>G06F 40 /-</u>
2021253745	2021244158	2021236673	2021277315	2021229668	2021261394
<u>F02B 39 /-</u>	<u>F16K 31 /-</u>	<u>F24H 1 /-</u>	<u>G01B 11 /-</u>	<u>G01V 1 /-</u>	<u>G06K 9 /-</u>
2021253745	2021244158 2021248560	2021254744	2021234984	2020450939	2020435457 2021234984 2021235756 2021240899 2021246276 2021266444
<u>F02C 1 /-</u>	<u>F16K 35 /-</u>	<u>F24H 9 /-</u>	<u>G01B 3 /-</u>	<u>G01W 1 /-</u>	<u>G06N 10 /-</u>
2021249399 2021250672	2021244158	2021254744	2021277244	2021229743	2021288002
<u>F02C 7 /-</u>	<u>F16K 5 /-</u>	<u>F25B 21 /-</u>	<u>G01C 21 /-</u>	<u>G02B 1 /-</u>	<u>G06N 20 /-</u>
2021249399 2021250672	2021248560	2021246654	2021244303	2021255892 2021258459	2021229743
<u>F02D 23 /-</u>	<u>F16L 19 /-</u>	<u>F25B 30 /-</u>	<u>G01H 1 /-</u>	<u>G02B 3 /-</u>	<u>G06N 3 /-</u>
2021253745	2021245929	2021268555	2021252831	2021255892	2020435457 2020436768 2021269906 2021271230 2021276638 2021285952 2021286514 2021296187
<u>F02D 41 /-</u>	<u>F16L 41 /-</u>	<u>F25B 39 /-</u>	<u>G01H 15 /-</u>	<u>G02C 7 /-</u>	<u>G06N 99 /-</u>
2021253745	2021249399 2021250672	2021268555 2021270884	2021231776	2021244174	2021285952
<u>F04D 13 /-</u>	<u>F16L 55 /-</u>	<u>F25D 9 /-</u>	<u>G01L 3 /-</u>	<u>G04G 5 /-</u>	<u>G06Q 10 /-</u>
2021241609	2021243760	2021268555	2021277244	2021244174	2021229743
<u>F04D 25 /-</u>	<u>F16L 59 /-</u>	<u>F25D 11 /-</u>	<u>G01M 7 /-</u>	<u>G02R 20 /-</u>	
2021435254	2021245929	2021260469	2021231776	2021244174	
<u>F15B 15 /-</u>	<u>F16N 1 /-</u>	<u>F25D 27 /-</u>	<u>G01N 21 /-</u>	<u>G05B 19 /-</u>	
2021229376	2021249399 2021250672	2021246654 2021260469	2020435457 2021240338 2021246276 2021255033	2021258459 2021287803	
<u>F16B 13 /-</u>	<u>F16N 11 /-</u>	<u>F25D 29 /-</u>	<u>G01N 23 /-</u>	<u>G04R 20 /-</u>	
2021226471	2021229376	2021264599	2021249547	2021244174	
	<u>F16N 31 /-</u>	<u>F26B 3 /-</u>	<u>G01N 27 /-</u>	<u>G05D 19 /-</u>	
	2021229376	2020433321	2021278875	2021272726	
					2021229743 2021248725

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2021249203		<u>H01L 33 /-</u>	<u>H02M 7 /-</u>	<u>H04W 4 /-</u>
<u>G06Q 20 /-</u>	<u>G10L 17 /-</u>	2021267918	2021243588	2021229743
2021230395	2021254787	<u>H01L 45 /-</u>	<u>H02S 20 /-</u>	<u>H04W 40 /-</u>
2021230454	<u>G10L 25 /-</u>	2021281966	2021252168	2021271726
<u>G06Q 30 /-</u>	2020440233	2021291976	<u>H02S 40 /-</u>	<u>H04W 72 /-</u>
2021230395	<u>G16B 25 /-</u>	<u>H01M 10 /-</u>	2021253484	2021251496
2021234984	2021251264	2021244766	<u>H02S 50 /-</u>	<u>H04W 76 /-</u>
2021258255	<u>G16B 30 /-</u>	<u>H01M 8 /-</u>	2021255244	2021229743
<u>G06Q 50 /-</u>	2021344965	2020446650	<u>H03M 7 /-</u>	2021243081
2021230395	<u>G16B 40 /-</u>	2021251404	<u>H01R 13 /-</u>	<u>H04W 80 /-</u>
2021248725	2021251264	<u>H01R 13 /-</u>	2021376411	2021271726
2021270888	<u>G16B 50 /-</u>	2021281393	<u>H04B 7 /-</u>	<u>H04W 84 /-</u>
<u>G06T 1 /-</u>	2021376411	<u>H01R 24 /-</u>	2021251496	2021271726
2020436767	<u>G16H 10 /-</u>	2021281393	<u>H04J 3 /-</u>	<u>H04W 88 /-</u>
<u>G06T 13 /-</u>	2021226601	<u>H01R 29 /-</u>	2021244556	2021271726
2020436768	2021363110	2021239252	<u>H04L 1 /-</u>	<u>H05K 7 /-</u>
<u>G06T 17 /-</u>	<u>G16H 20 /-</u>	<u>H01R 31 /-</u>	2021228566	2021435254
2021229388	2021279026	2021281393	<u>H04L 12 /-</u>	
2021257389	<u>G16H 30 /-</u>	<u>H02G 1 /-</u>	2021228566	
<u>G06T 7 /-</u>	2021230394	2021281393	2021244556	
2020435457	2021230410	<u>H02G 13 /-</u>	2021271726	
2020436767	2021232205	2021229743	<u>H04L 45 /-</u>	
2021230394	<u>G16H 40 /-</u>	<u>H02H 1 /-</u>	2021231671	
2021230410	2021226601	2021255244	<u>H04L 47 /-</u>	
2021232205	<u>G16H 50 /-</u>	<u>H02H 7 /-</u>	2021231671	
2021240899	2020440130	2021255244	<u>H04L 5 /-</u>	
2021246276	2021229388	2021255244	2021251496	
2021266444	<u>G16H 80 /-</u>	<u>H02J 3 /-</u>	<u>H04L 67 /-</u>	
<u>G06V 10 /-</u>	2021363110	2021255244	2021244556	
2021234984	<u>G21G 1 /-</u>	<u>H02J 50 /-</u>	<u>H04L 69 /-</u>	
2021240899	2021247191	2021291946	2021271726	
<u>G06V 30 /-</u>	<u>G21G 4 /-</u>	<u>H02J 7 /-</u>	<u>H04L 9 /-</u>	
2021234984	2021255610	2021239252	2021230454	
<u>G07D 7 /-</u>	<u>H01H 9 /-</u>	2021244766	2021251041	
2021249547	2021239252	2021291946	2021274544	
<u>G08B 17 /-</u>	<u>H01L 27 /-</u>	<u>H02K 49 /-</u>	<u>H04R 1 /-</u>	
2021229743	2021281966	2021257800	2020440893	
<u>G08B 27 /-</u>	<u>H01L 31 /-</u>	<u>H02M 1 /-</u>	<u>H04R 11 /-</u>	
2021229743	2020448642	2021243588	2020438739	
<u>G08G 1 /-</u>	2020455471	<u>H02M 3 /-</u>	<u>H04W 28 /-</u>	
2021235756	2021253484	2021243588	2021238794	
<u>G09F 3 /-</u>				
2021234252				
<u>G10L 15 /-</u>				
2021254787				

Applications Accepted

Name Index

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 (11) AU-B-2020220097
 (21) 2020220097 (22) 19.08.2020
 (54) FLUIDIC DEVICES, SYSTEMS, AND METHODS FOR ENCAPSULATING AND PARTITIONING REAGENTS, AND APPLICATIONS OF SAME
 (51) Int. Cl.
B01L 3/00 (2006.01)
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 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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 (54) Method and apparatus for direct recovery of mineral values as a bubble-solids aggregate
 (51) Int. Cl.
C02F 1/24 (2006.01)
B03D 1/02 (2006.01)
C10G 1/04 (2006.01)
C22B 1/00 (2006.01)
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 (74) Phillips Ormonde Fitzpatrick
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 (54) Wearable cardiovascular monitoring device
 (51) Int. Cl.
A61B 5/021 (2006.01)
A61B 5/022 (2006.01)
 (87) WO2020/104945
 (31) 16/197,192 (32) 20.11.18 (33) US
 (43) 28.05.2020
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 (74) FPA Patent Attorneys Pty Ltd
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 (51) Int. Cl.
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 (54) Dataflow graph configuration
 (51) Int. Cl.
G06F 8/34 (2018.01)
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 62/516,396 07.06.17 US
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 (74) RnB IP Pty Ltd
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 (21) 2021201637 (22) 16.03.2021
 (54) Device and method for handling reference signals in an unlicensed band
 (51) Int. Cl.
H04W 56/00 (2009.01)
H04L 5/00 (2006.01)
H04W 24/04 (2009.01)
H04W 52/02 (2009.01)
H04W 72/12 (2009.01)
 (31) 62/991,597 (32) 19.03.20 (33) US
 17/170,719 08.02.21 US
 (43) 07.10.2021
 (44) 27.10.2022
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 (74) Griffith Hack
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- (71) Agence Francaise pour le Developpement d'AI Ula
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 (54) Moringa peregrina seed extract rich in 2,5-diformylfuran, process for obtaining same and use thereof in cosmetic compositions
 (51) Int. Cl.
A61P 17/00 (2006.01)
A61K 36/185 (2006.01)
A61Q 19/00 (2006.01)
 (87) WO2021/234159
 (31) FR2005429 (32) 21.05.20 (33) FR
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 (74) Armour IP
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 (21) 2020364109 (22) 08.10.2020
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 (51) Int. Cl.
H01Q 1/28 (2006.01)
H01Q 3/46 (2006.01)
H01Q 15/14 (2006.01)
H01Q 19/17 (2006.01)
H01Q 25/00 (2006.01)
 H01Q 9/04 (2006.01)
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 (74) Davies Collison Cave Pty Ltd
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 (11) AU-B-2021200263
 (21) 2021200263 (22) 18.01.2021
 (54) SYSTEM AND METHOD FOR RECONDENSING BOIL-OFF GAS FROM A LIQUEFIED NATURAL GAS TANK
 (51) Int. Cl.
F25J 1/02 (2006.01)
F17C 13/00 (2006.01)
 (31) 16/750,534 (32) 23.01.20 (33) US
 (43) 12.08.2021
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 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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 (21) 2020289775 (22) 16.12.2020
 (54) System for managing and scheduling containers
 (51) Int. Cl.
G06F 9/50 (2006.01)
 (43) 01.04.2021
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 (74) Davies Collison Cave Pty Ltd
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C12P 21/00 (2006.01)
C07K 16/00 (2006.01)

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C02F 1/00 (2006.01)
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G06T 7/00 (2017.01)
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G06V 10/25 (2022.01)
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A61M 25/01 (2006.01)
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B66D 1/30 (2006.01)
B66D 1/72 (2006.01)
F16G 15/12 (2006.01)
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A61P 35/00 (2006.01)
A61P 37/00 (2006.01)
C07D 403/14 (2006.01)
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B28B 1/00 (2006.01)
B29C 67/00 (2006.01)
B33Y 70/00 (2015.01)
C04B 28/00 (2006.01)
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 (54) Channel measurement configuration and reporting
 (51) Int. Cl.
 H04W 52/02 (2009.01)
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 (87) WO2020/034369
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 (72) NIU, Li; ZHAO, Yajun
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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2016263198	The General Hospital Corporation	2017343628	Dow Global Technologies LLC
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2016331021	Keygene N.V.	2017361424	Magic Leap, Inc.
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2016334875	Sangui Bio Pty. Ltd	2017364303	Interventek Subsea Engineering Limited
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2016335968	Huizenga, J.	2017374052	DrinkSavvy, Inc.
2016341306	Novartis AG	2017381815	Assa Abloy Entrance Systems AB
2016368424	Out and Out Chemistry SPRL	2017382307	FMC Corporation
2016383059	Novozymes BioAg A/S; Monsanto Technology LLC	2017382880	Magic Leap, Inc.
2016387567	Kapoor, A.	2017383528	Wix.com Ltd.
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2016427826	Kimberly-Clark Worldwide, Inc.	2017387363	Becton Dickinson Rowa Germany GmbH
2017201217	TGUK Holdings Ltd.	2017388217	Auris Health, Inc.
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2017203650	Fujitsu General Limited	2017412458	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
2017203830	ANTSY LABS, LLC	2017421179	Certis Cisco Security Pte Ltd
2017207745	Leading Biosciences, Inc.	2018203161	Otis Elevator Company
2017209368	Zoetis Denmark ApS; CHR. Hansen A/S	2018210006	The Sherwin-Williams Company
2017212036	Sedacor-Sociedade Exportadora de Artigos de Cortiça, LDA; Têxteis Penedo S.A.	2018210147	K2M, Inc.
2017224938	Kenwood Limited	2018210251	Meredian, Inc.
2017228214	Gento AS	2018211835	Japan Medical Device Technology Co., Ltd.; Fuji Light Metal Co., Ltd.
2017229193	Henkel AG & Co. KGaA	2018213181	Vyaire Medical, Inc.
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2017246462	Gojo Industries, Inc.	2018248130	Attenti Electronic Monitoring Ltd.
2017247619	Single Buoy Moorings Inc.	2018248800	Sandvik Mining and Construction Oy
2017249988	Eli Lilly and Company	2018282168	Ab Initio Technology LLC
2017251842	Medtronic Holding Company Sàrl	2018282218	Ancestry.com Operations Inc.
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2017261137	RESEARCH INSTITUTE OF THE PHYSICAL CHEMICAL PROBLEMS; Double Bond Pharmaceutical AB	2018290800	Qualcomm Incorporated
2017261340	ESCO Group LLC	2018291000	Dow Global Technologies LLC; Rohm and Haas Company; Georgia Tech Research Corporation; Georgia State University Research Foundation, Inc.
2017265839	SK Biopharmaceuticals Co., Ltd.	2018291010	SnowShoeFood Inc.
2017267260	De' Longhi Appliances S.r.l.	2018291366	Taiho Pharmaceutical Co., Ltd.
2017281065	Yale University	2018297272	Memorial Sloan Kettering Cancer Center
2017281744	Fundación Para La Investigación Biomédica Del Hospital Gregorio Marañón	2018300165	BP Corporation North America Inc.
2017289325	Marel Ltd	2018301696	Board of Regents, The University of Texas System
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2017290156	Black & Decker Inc.	2018326844	Mitsubishi Gas Chemical Company, Inc.
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2017294305	Norsk Titanium AS	2018329202	Atossa Therapeutics, Inc.
2017297977	Fisher and Paykel Healthcare Limited	2018330560	Bridgestone Corporation
2017298545	Berkeley Lights, Inc.	2018334617	Yoshino Gypsum Co., Ltd.
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2019230713	Ultizyme International Ltd.; i-SENS, Inc	2020294224	The United States of America, as represented by the Secretary, Department of Health and Human Services
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2019239155	Qualcomm Incorporated	2020364109	Airbus Defence and Space Limited
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2020232012	The NOCO Company		
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2020277149	Symbol Technologies, LLC		
2020279597	Howmedica Osteonics Corp.		
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<u>C07K 14 /-</u>	2019230713	2017261340	<u>F04C 29 /-</u>	2021232746	2019230713
2016331021	2020204967	<u>E03D 1 /-</u>	2017254808	<u>F25D 23 /-</u>	<u>G01S 17 /-</u>
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2017260610	<u>C12N 15 /-</u>	<u>E04C 5 /-</u>	2016368424	<u>F25D 25 /-</u>	<u>G01S 19 /-</u>
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<u>C07K 16 /-</u>	2017363278	2020397483	<u>F16G 15 /-</u>	<u>F28F 1 /-</u>	2017382880
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2019230713	2020260443	2017364303	2021200263	<u>G01J 3 /-</u>	<u>G05D 1 /-</u>
<u>C08B 37 /-</u>	<u>C12P 7 /-</u>	<u>E21B 34 /-</u>	<u>F24C 13 /-</u>	2017343368	2019396077
2021200256	2020204967	2017364303	2019201170	<u>G01L 7 /-</u>	<u>G05D 9 /-</u>
<u>C08F 255 /-</u>	<u>C12Q 1 /-</u>	2017355273	<u>F24C 15 /-</u>	2018238373	2017297977
2017343628	2016323575	2021209152	2019201170	<u>G01L 9 /-</u>	<u>G06F 13 /-</u>
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2020223598	2020403786	<u>E21B 43 /-</u>	2017203650	<u>G01M 17 /-</u>	<u>G06F 16 /-</u>
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<u>G06F 21 /-</u>	<u>G06T 19 /-</u>	<u>H01B 13 /-</u>		2019385245	<u>H05K 5 /-</u>
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	2016341306	2020425837	<u>H02J 1 /-</u>	<u>H04W 12 /-</u>	
<u>G06F 3 /-</u>	2018289400		2018443944	2021203680	
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2022224789	2018289400	2017235920	<u>H02K 1 /-</u>	<u>H04W 36 /-</u>	
<u>G06F 30 /-</u>	2018289402	2018326844	2018215133	2019378221	
	2019200458	<u>H01M 4 /-</u>	<u>H02K 15 /-</u>	<u>H04W 4 /-</u>	
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<u>G06F 8 /-</u>			<u>H02K 3 /-</u>	<u>H04W 48 /-</u>	
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2019397405	<u>G07G 1 /-</u>	<u>H01Q 15 /-</u>	2021200520	<u>H04W 56 /-</u>	
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<u>G06N 20 /-</u>	2019411655	2020364109		2021201637	
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<u>G06Q 50 /-</u>	<u>G16H 40 /-</u>	2020231409			
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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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 (54) A POWER SAFETY DEVICE CONFIGURED FOR OUTDOOR USE
 (51) Int. Cl.
 H01R 13/52 (2006.01)
 H01R 13/58 (2006.01)
 H02G 3/08 (2006.01)
 H01R 13/506 (2006.01)
 H01R 13/639 (2006.01)
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 (72) Kratzer, Oliver
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 (51) Int. Cl.
 C11D 3/48 (2006.01)
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 (62) 2021221648
 (72) Vousden, Peter
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 (21) 2021106428 (22) 22.08.2021
 (54) Receptacle for disposal of medical and/or other contaminated or potentially contaminated waste
 (51) Int. Cl.
 A61B 50/36 (2016.01)
 B65F 1/16 (2006.01)
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 (31) 2021900107 (32) 19.01.21 (33) AU
 (45) 27.10.2022
 (72) Woods, Lachlan; Woods, Simon; Woods, Kathryn
 (74) PHILLIPS ORMONDE FITZPATRICK

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 (54) Treated backer rod
 (51) Int. Cl.
 A01N 25/16 (2006.01)
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 (74) FB Rice Pty Ltd

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 (11) AU-B-2019101322
 (21) 2019101322 (22) 31.10.2019
 (54) Alarm Communicator, Signalling Service and Method of Operation
 (51) Int. Cl.
 G08B 25/10 (2006.01)
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 (72) Behr, Paul; Chen, Wei Bin; Griffiths, Gregory; Harvey, Duncan; Traithavil, Santit; Lu, Yongbin; Li, Hewen
 (74) Adams Pluck

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 (11) AU-B-2022100104
 (21) 2022100104 (22) 05.08.2022
 (54) An ingredient
 (51) Int. Cl.
 A23L 29/25 (2016.01)
 A23L 29/206 (2016.01)
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 A61K 49/04 (2006.01)
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 (72) Tristram, Michael; Mossel, Brenda; Skarszewski, Peter
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Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Lodged

- 2018225662 **Mars, Incorporated** (Societe des Produits Nestle S.A.)
- 2018282427 **Glaxo Group Limited** (Robb, J.)

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2022201609	2022203733	2022203736	2022203738

Innovation Patents

2022100112	2022100135	2022100137
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Revocation

It is hereby notified that the offer by the Patentee **The Procter & Gamble Company** to surrender Patent 2013334861 which was advertised in the Official Journal of 08.09.2022 has been accepted and the Patent has been revoked in accordance with Section 137 of the Patents Act.

Assignments Registered

2002337840 MSD Italia S.r.l.; Merck Sharp & Dohme Corp. The patent has been assigned to **MSD Italia S.r.l.; Merck Sharp & Dohme LLC**

2005247434 Merck Sharp & Dohme Corp.; Merck Sharp & Dohme de Espana, S. A. The patent has been assigned to **Merck Sharp & Dohme LLC; Merck Sharp & Dohme de Espana, S. A.**

2006251143 Peters, Jean-Pierre The patent has been assigned to **P&R Medical BV**

2007212021 Shire Human Genetic Therapies, Inc. The patent has been assigned to **Takeda Pharmaceutical Company Limited**

Assignments Registered

2007231692 Merck Sharp & Dohme Corp.; MSD Italia S.r.l. The patent has been assigned to **MSD Italia S.r.l.; Merck Sharp & Dohme LLC**

2007238666 Advanced Vision Research, Inc. The patent has been assigned to **Medtech Products Inc.**

2008277377 MSD Italia S.r.l.; Merck Sharp & Dohme Corp. The patent has been assigned to **MSD Italia S.r.l.; Merck Sharp & Dohme LLC**

2009274190 Merck Sharp & Dohme Corp.; MSD Italia S.r.l. The patent has been assigned to **Merck Sharp & Dohme LLC; MSD Italia S.r.l.**

2010242866 ADVANCED VISION RESEARCH, INC. The patent has been assigned to **Medtech Products Inc.**

2010250136 CR Development AB The patent has been assigned to **Random Walk Imaging AB**

2010300930 Merck Sharp & Dohme Corp.; Merck Sharp & Dohme (UK) Limited The patent has been assigned to **Merck Sharp & Dohme (UK) Limited; Merck Sharp & Dohme LLC**

2010331927 Merck Canada Inc.; Merck Sharp & Dohme Corp. The patent has been assigned to **Merck Canada Inc.; Merck Sharp & Dohme LLC**

2012204063 Merck Sharp & Dohme Corp.; Merck Canada Inc. The patent has been assigned to **Merck Canada Inc.; Merck Sharp & Dohme LLC**

2012229997 Lawrence Livermore National Security, LLC; Merck Sharp & Dohme Corp. The patent has been assigned to **Lawrence Livermore National Security, LLC; Merck Sharp & Dohme LLC**

2013224728 Shire Human Genetic Therapies, Inc. The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2013257305 CR Development AB The patent has been assigned to **Random Walk Imaging AB**

2013257306 CR Development AB The patent has been assigned to **Random Walk Imaging AB**

2013281266 CR Development AB The patent has been assigned to **Random Walk Imaging AB**

2013293161 eBay Inc. The patent has been assigned to **StubHub, Inc.**

2013370512 eBay Inc. The patent has been assigned to **StubHub, Inc.**

2014200138 Merck Canada Inc.; Merck Sharp & Dohme Corp. The patent has been assigned to **Merck Canada Inc.; Merck Sharp & Dohme LLC**

2014295912 SG Ventures Pty Limited The patent has been assigned to **CoLabs Int'l., Corp.**

2014318838 Lawrence Livermore National Security, LLC; Merck Sharp & Dohme Corp. The patent has been assigned to **Lawrence Livermore National Security, LLC; Merck Sharp & Dohme LLC**

2015213679 Seagen Inc. The patent has been assigned to **Sentinel Oncology Limited**

2015214638 CR Development AB The patent has been assigned to **Random Walk Imaging AB**

Assignments Registered

2015216702 Karus Therapeutics Ltd The patent has been assigned to **Convalife (Shanghai) Co. Limited**

2015276141 De Nora Ozone S.r.l. The patent has been assigned to **De NoraWater TechnologiesItaly S.r.l.**

2015372421 Cyclonas Pty Limited The patent has been assigned to **Air Pour Pty Ltd**

2016244282 eBay Inc. The patent has been assigned to **StubHub, Inc.**

2016328303 Merck Sharp & Dohme Corp.; Merck Sharp & Dohme (UK) Limited The patent has been assigned to **Merck Sharp & Dohme (UK) Limited; Merck Sharp & Dohme LLC**

2016344202 Lorain County Community College Innovation Foundation The patent has been assigned to **ADVANCED DRESSINGS, LLC**

2016362285 R.I.P., LLC The patent has been assigned to **Odin Sleep, LLC**

2017286432 Merck Sharp & Dohme Corp.; Adimab, LLC The patent has been assigned to **Adimab, LLC; Merck Sharp & Dohme LLC**

2017331380 Merck Sharp & Dohme Corp.; Merck Sharp & Dohme B.V. The patent has been assigned to **Merck Sharp & Dohme B.V.; Merck Sharp & Dohme LLC**

2018209041 Aqseptence Group GmbH The patent has been assigned to **Passavant-Geiger GmbH**

2018236896 CR Development AB The patent has been assigned to **Random Walk Imaging AB**

2018258656 Anonos Inc. The patent has been assigned to **Anonos IP LLC**

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.

2013261127 **Novartis AG**

The earliest first regulatory approval date provided by the patentee 15 Jul 2022

For the goods SCEMBLIX asciminib

Corrigenda

In Vol 36 , No 35 , Page(s) 4883 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Impel NeuroPharma, Inc., Application No. 2021207626, under INID (71) correct the applicant name to Impel Pharmaceuticals Inc.

In Vol 36 , No 39 , Page(s) 5487 under the heading **Applications Accepted - Name Index** Under the name Panduit Corp., Application No. 2021234252, under INID (72) correct the co-inventor to KELLY, Brian L.

In Vol 36 , No 40 , Page(s) 5532 under the heading **Amendments - Amendments Made** Under the name Shenyang Sinochem Agrochemicals R&D Co., Ltd., Application No. 2021234584, under INID (71) add co-applicants Jiangsu Yangnong Chemical Co., Ltd.

In Vol 36 , No 40 , Page(s) 5571 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name

Corrigenda

EyeCool Therapeutics, Inc., Application No. 2021242350, under INID (72) correct the co-inventor to STRYJEWSKI, Tomasz Pawel

In Vol 36 , No 40 , Page(s) 5576 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Inversago Pharma Inc., Application No. 2021242808, under INID (54) correct the title to Solid dispersions of amorphous 3, 4-diphenyl-4, 5-dihydro- 1H-pyrazole derivatives, compositions comprising them and uses thereof as cannabinoid CB1 receptor inhibitors

In Vol 36 , No 40 , Page(s) 5588 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Shanghai Institute of Materia Medica, Chinese Academy of Sciences; Wuhan Institute of Virology, Chinese Academy of Science; Xinjiang Technical Institute of Physics And Chemistry, Chinese Academy of Sciences; Vigonvita Life Sciences Co., Ltd., Application No. 2021260618, under INID (72) add co-inventor AISA, Haji Akber

In Vol 36 , No 40 , Page(s) 5590 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Starfire Energy, Application No. 2021224746, under INID (54) correct the title to Systems and methods for microwave removal of NH3 from Adsorbent Material

In Vol 36 , No 42 , Page(s) 5784 under the heading **Amendments - Application for Amendments** Under the name Wear Systems Solutions Pty Ltd, Innovation Patent No. 2018101509 correct the date of the statements to read 28 Jun 2022 and 19 Sep 2022

Specifications Republished

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

- 2019210506 **Westinghouse Air Brake Technologies Corporation**
- 2019375823 **Huawei Technologies Co., Ltd.**
- 2019386646 **Huawei Technologies Co., Ltd.**
- 2020224218 **Wuxi Hisky Medical Technologies Co., Ltd.**
- 2021200497 **Day, L.**
- 2021200531 **Mitac Information Technology Corp.**
- 2021200532 **Mitac Information Technology Corp.**
- 2021200533 **Mitac Information Technology Corp.**
- 2021200537 **Chevron U.S.A. Inc**
- 2021200539 **BLOCKAID PTY LTD**
- 2021218023 **Apparatus LLC**
- 2021221602 **Metso Sweden AB**
- 2021225223 **Paloma Co., Ltd.**
- 2021257979 **Burgis, W.; Burgis, A.; Vo, T.**
- 2021258064 **Syncproto Co., Ltd.**
- 2021266203 **Shandong Alesmart Intelligent Technology Co., Ltd.**
- 2021282384 **ENSIGN INFOSECURITY PTE. LTD.**
- 2021286243 **KUBOTA CORPORATION**
- 2021290203 **Taskpower NZ Limited**
- 2021290357 **Deere & Company**
- 2022200070 **CATERPILLAR INC.**
- 2022200194 **Prysmian S.p.A.**
- 2022200198 **CATERPILLAR INC.**
- 2022200271 **Wonderland Switzerland AG**
- 2022200294 **Snap-on Incorporated**
- 2022200319 **Samsung Electronics Co., Ltd.**
- 2022200325 **Snap-on Incorporated**
- 2022200327 **STEVE LEIGH & ASSOCIATES LTD.**
- 2022200334 **Panosian, M.H.; Keeler, J.M.**
- 2022200339 **Alchin Long Group IP Pty Limited**
- 2022200387 **Terra Quantum AG**
- 2022200396 **TRANSDEV GROUP INNOVATION**

Specifications Republished

- 2022200401 **TRANSDEV GROUP INNOVATION**
- 2022200404 **Mack Rides GmbH & Co. KG**
- 2022200420 **Panosian, M.H.; Keeler, J.M.**
- 2022200429 **Innovation Fishing Pty Ltd**
- 2022200438 **Sentinel Roof Mounted Systems Pty Ltd**
- 2022200447 **WONDERLAND SWITZERLAND AG**
- 2022200460 **Bambino Prezioso Switzerland AG**
- 2022200468 **Nanjing Chervon Industry Co., Ltd.**
- 2022200473 **Bôme S.r.l.**
- 2022200539 **Hydrogen Partners Pty Ltd**
- 2022205258 **Institut National de la Sante et de la Recherche Medicale (INSERM); Sorbonne Université; Centre National de la Recherche Scientifique; Gensight Biologics**