



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

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General Information

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

Editorial enquiries

Contact information

Freedom of Information ACT

Professional Standards Board

Sales

Requests for Information under Section 194 (c)

Country Codes

Trade Mark and Designs Hearing Sessions

INID (Internationally agreed Numbers for the Identification of Data)

GUIDE TO THE USE OF THIS JOURNAL

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

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

(i) FILING -

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

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

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

(iii) ACCEPTANCE –

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

(iv) OPPOSITION –

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

(v) GRANTING –

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

(vi) CERTIFICATION

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

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

How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

How Australian Patent Documents are Numbered

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

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

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

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

See Examples:

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

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

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

Arrangement of Information in the Journal

For each of the categories

- (i) Provisional Applications Filed,
- (ii) Complete Applications Filed,
- iii) Applications Open to Public Inspection
- (iv) Applications Accepted, and
- (v) Innovation Patent Certified.

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

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

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

Using the Indices

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

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

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

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

<u>ITEM</u>	<u>INID</u> <u>No.</u>
E) Patents Certified – Name Index	
The <u>name</u> of the applicant	(71)
The <u>number</u> of the accepted document	(10)
The <u>number</u> assigned to the application	(21)
The <u>date</u> of filing	(22)
The <u>title</u>	(54)
The <u>classification marks</u>	(51)
Priority document <u>number</u>	(31)
<u>Date</u> of filing of priority document(s)	(32)
<u>Country</u> in which priority document filed	(33)
Publication <u>date</u> of granted patent	(45)
Inventors <u>names</u>	(72)
<u>Patent Attorneys</u>	(74)
Related by division	(62)

You will notice at each stage of following application through that all applications are in alphabetical order of **Applicant**, not inventor.

2. To Find Information About a Patent Application if You Know its Number.

Use the appropriate numerical index. This will give you the name of the applicant from the number. You will then need to use the appropriate Name Index as above to find out other information about the Patent Application you are interested in.

The following Numerical Indices are available:

- A) **Provisional** Applications filed.
- B) **Complete** Applications filed.
- C) Innovation Applications filed.
- D) Applications **Open to Public Inspection**.
- E) Applications **Accepted**.
- F) Innovation Patent Certified

3. To Find Information About Patent Documents in the Area of Technology in which You are Interested if You Know the International Patent Classification Mark for that Area.

All patent applications are classified according to their subject matter using the International Patent Classification (IPC). Although the system is very detailed and covers all technologies, knowledge of the IPC marks of the technologies you are interested in will allow you to find patent documents in these technologies quite easily. To identify the IPC marks of technologies you are interested in, you can inspect relevant documentation in any of AIPO's state offices.

The indices to use are

- A) Applications **OPI** - IPC Index
- B) Applications **accepted** - IPC Index.

These indices give you the numbers of the applications which are either OPI or Accepted and are listed in order of their IPC marks.

Once you have the numbers of the documents that interest you, consult the relevant Number Index (see 2. above) to find the applicant's name, and then the Name Index (see 1. above) to find out the details of that application.

'INID' NUMBERS in use on Australian Patent Documents

'INID' is an acronym for 'Internationally agreed Numbers for the Identification of Data'.

(10) Document identification

- (11) Number of the document
- (12) Plain language designation of the kind of document
- (19) WIPO country code, or other identification, of the country publishing the document.

(20) Document filing data

- (21) Number(s) assigned to the application(s).
- (22) Date(s) of filing application(s)
- (23) Other date(s) of filing, including exhibition filing date and date of filing complete specification following provisional specification.
- (24) Date from which industrial property rights may have effect.

(30) Priority data

- (31) Number(s) assigned to priority application(s)
- (32) Date(s) of filing priority application(s)
- (33) Country (countries) in which the priority application(s) was (were) filed.

(40) Date(s) of making available to the public

- (43) Date of publication by printing or similar process of an unexamined document, on which no grant has taken place on or before the said date.
- (44) Date of publication by printing or similar process of an examined document, on which no grant has taken place on or before the said date.
- (45) Date of publication by printing or similar process of a document, on which grant or certification has taken place on or before the said date.

(50) Technical Information

- (51) International Patent Classification
- (52) Domestic or national classification
- (54) Title of invention
- (56) List of prior art documents, if separate from descriptive text
- (57) Abstract or claim

(60) Reference(s) to other legally related domestic document(s)

- (60) Related by cognate(s).
- (61) Related by addition(s).
- (62) Related by division(s).

(70) Identification of parties concerned with the document

- (71) Name(s) of applicant(s)
- (72) Name(s) of inventor(s) if known to be such
- (74) Name(s) of attorney(s) or agent(s)
- (75) Name(s) of inventor(s) who is (are) also applicant(s)

(80) Identification of data related to International Conventions other than the Paris Convention

- (86) PCT Application Number
- (87) PCT Publication Number

NOTE

- (1) Australian patent documents published on or after 26 October 1978 should be referred to by the application number preceded by the prefix AU-A or AU-B.

AU-A = Pre-examination

AU-B = Post-examination

- (2) The classification used is the International Patent Classification and is identified by the INID code (51). Further editions of the classification are identified as (51)₂, (51)₃, (51)₄ and (51)₅.
- (3) INID code 74 provides for the name of the patent attorney, or firm of attorneys, prosecuting an application.

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

Action Composites Hightech GmbH v Mubea Carbo Tech GmbH [2022] APO 62

Patent Application: 2015340539

Title: Wheel for a vehicle

Patent Applicant: Mubea Carbo Tech GmbH

Opponent: Action Composites Hightech GmbH

Delegate: Xavier Gisz

Decision Date: 8 September 2022

Hearing Date: 17 May 2022, in Video Conference

Catchwords: PATENTS - section 59 – opposition to the grant of a patent – grounds of novelty, inventive step, utility, support, sufficient disclosure – claims 1-3, 10-15, 17, 18 and 19 lack novelty – costs awarded against the applicant

Representation: Counsel for the applicant: Ben Fitzpatrick
Patent attorney for the applicant: William Hird of Davies Collison Cave
Patent attorney for the opponent: Christian Schieber of Griffith Hack

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

Troy Andison [2022] APO 63

Patent Application: 2020257067

Title: Location-based Collection of Recyclable or Reusable Items

Patent Applicant: Troy Andison

Delegate: Dr N. R. Madsen – Deputy Commissioner of Patents

Decision Date: 12 September 2022

Hearing Date: Written submissions period completed 13 July 2022

Catchwords: PATENTS – section 45 – examiner’s objection – method and system for arranging for collection and deposit of recyclable items – invention in substance directed to a mere scheme – alleged invention not a manner of manufacture – application refused

Representation: Patent attorneys for the applicant: Wallington-Dummer

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 6 Sep 2022 .

(71) Addison, P. (21) 2022902595 (22) 08.09.2022 (54) Sealing and Connecting Device for Overlapping Roof Sheeting	(71) Blackmagic Design Pty Ltd (21) 2022902565 (22) 06.09.2022 (54) Input device	Commonwealth Scientific and Industrial Research Organisation see Nourish Ingredients Pty Ltd (21) 2022902578
(71) Alarivean Incorporated (21) 2022902585 (22) 08.09.2022 (54) A system for the treatment of a marine ecosystem	(71) Brennan, T. (21) 2022902564 (22) 06.09.2022 (54) PROTECTIVE CLOSURE ASSEMBLY	Commonwealth Scientific and Industrial Research Organisation see Nourish Ingredients Pty Ltd (21) 2022902579
(71) A NEW WAY OF LIVING PTY LTD (21) 2022902636 (22) 13.09.2022 (54) PARTICLE TREATMENT APPARATUS AND METHOD	(71) Brickworks Building Products Pty Ltd (21) 2022902606 (22) 09.09.2022 (54) LIGHTWEIGHT CONCRETE COMPOSITIONS AND USES OF SAME	Commonwealth Scientific and Industrial Research Organisation see Nourish Ingredients Pty Ltd (21) 2022902580
(71) APBSF Ltd (21) 2022902637 (22) 13.09.2022 (54) Method of applying an insecticide	(71) Brickworks Building Products Pty Ltd (21) 2022902607 (22) 09.09.2022 (54) A BUILDING BLOCK AND A BUILDING BLOCK INSTALLATION	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2022902587 (22) 08.09.2022 (54) METHOD OF PRODUCING ZEOLITE FROM AN ACID-REFRACTORY MINERAL COMPOSITION
(71) Ascend Biopharmaceuticals Ltd (21) 2022902622 (22) 12.09.2022 (54) Methods for Treating Advanced Basal Cell Carcinoma	(71) CHINI GROUP PTY LTD; Lama, P. (21) 2022902634 (22) 12.09.2022 (54) Private labelling marketplace system	Commonwealth Scientific and Industrial Research Organisation see Nourish Ingredients Pty Ltd (21) 2022902593
(71) AUTO INNOVATIONS GROUP LIMITED (21) 2022902635 (22) 13.09.2022 (54) AN ACCIDENT PREVENTION SYSTEM FOR A VEHICLE	(71) Ciucci, F. (21) 2022902597 (22) 08.09.2022 (54) CONCRETE SLEEPER RETAINING WALL INSTALLATION ASSEMBLY	Commonwealth Scientific and Industrial Research Organisation see Nourish Ingredients Pty Ltd (21) 2022902594
(71) A-WORK SERVICES PTY LTD (21) 2022902535 (22) 02.09.2022 (54) LAUNDRY INVENTORY AND PRODUCTION SYSTEM AND METHOD	(71) Cohen, J. (21) 2022902592 (22) 08.09.2022 (54) An Emergency Tourniquet and Method of Use	Commonwealth Scientific and Industrial Research Organisation see Nourish Ingredients Pty Ltd (21) 2022902597
(71) Bernardini, F. (21) 2022902630 (22) 12.09.2022 (54) A RAINWATER HARVESTING SYSTEM	Commonwealth Scientific and Industrial Research Organisation see Nourish Ingredients Pty Ltd (21) 2022902576	(71) comper, w. (21) 2022902638 (22) 13.09.2022 (54) Therapeutic maneuvers to address nephrotic proteinuria
	Commonwealth Scientific and Industrial Research Organisation see Nourish Ingredients Pty Ltd (21) 2022902577	(71) Conomos, P. (21) 2022902633 (22) 12.09.2022 (54) BAG FILLING MACHINE

Provisional Applications Filed - Name Index cont'd

(71) Core IP Pty Ltd
(21) 2022902609 (22) 09.09.2022
(54) A low-emissions system for the production of natural gas and its derivatives

(71) Creative Therapeutic Solutions
(21) 2022902639 (22) 13.09.2022
(54) ASD Software

(71) Crisp, S.
(21) 2022902584 (22) 08.09.2022
(54) Earring where hoop detaches from the bar when impacted

CROWLEY, G. see McMAHON, C.
(21) 2022902586

(71) Eagle Innovations Pty Ltd
(21) 2022902632 (22) 12.09.2022
(54) ANIMAL PROCESSING APPARATUS

(71) Eagle Innovations Pty Ltd
(21) 2022902641 (22) 13.09.2022
(54) TREATMENT METHODS, APPARATUS AND ADDITIVE

(71) Fensom, G.
(21) 2022902542 (22) 04.09.2022
(54) A STABLE VERTICAL SUPPORT PLATFORM FOR GROWING PLANTS

(71) FISHER & PAYKEL APPLIANCES LIMITED
(21) 2022902623 (22) 12.09.2022
(54) METHOD FOR CONTROL OF LAUNDRY MACHINE MOTOR AND APPARATUS

(71) Green Eco International Pty Ltd
(21) 2022902620 (22) 12.09.2022
(54) System and method for organic material processing

(71) Grippls Global Pty Ltd
(21) 2022902581 (22) 07.09.2022
(54) A void mat for stopping gaps around floor penetrations

(71) Guignard, P.
(21) 2022902583 (22) 08.09.2022
(54) Employee views, data acquisition, analysis, reporting and follow on

(71) Hayes, J.
(21) 2022902643 (22) 13.09.2022
(54) A nesting adjustable weight barbell system

(71) HC-ATM GROUP PTY LTD
(21) 2022902566 (22) 06.09.2022
(54) VEHICULAR ENGINE MOUNT ASSEMBLY

(71) HID Projects Pty Ltd
(21) 2022902615 (22) 09.09.2022
(54) TIE DOWN DEVICE

(71) Insight AG Pty Ltd
(21) 2022902570 (22) 06.09.2022
(54) Metering and Flushing Tool

Klopper, B. see McFarlane, D.
(21) 2022902605

(71) Kormax Limited
(21) 2022902603 (22) 09.09.2022
(54) A COUPLING SYSTEM

Lama, P. see CHINI GROUP PTY LTD
(21) 2022902634

(71) LAW, S.; O'DONNELL, S.
(21) 2022902561 (22) 05.09.2022
(54) Disposable cup seeding insert

Marshall, L. see Sereno, L.
(21) 2022902568

(71) McFarlane, D.; Klopper, B.; Theodoropoulos, M.
(21) 2022902605 (22) 09.09.2022
(54) SYSTEM AND METHOD OF RECORDING VOICE COMMUNICATIONS

(71) McMAHON, C.; CROWLEY, G.
(21) 2022902586 (22) 08.09.2022
(54) Enclosures

(71) Medill, S.
(21) 2022902573 (22) 07.09.2022
(54) INSERT APPARATUS AND METHOD

(71) Meechan, B.
(21) 2022902608 (22) 09.09.2022
(54) THERAPEUTIC BODY COVER

(71) Mobile Business Devices
(21) 2022902629 (22) 12.09.2022
(54) Process for requiring identity verification prior to access of authentication application.

(71) MODULAR PLACES LIMITED
(21) 2022902600 (22) 09.09.2022
(54) A BUILDING CONSTRUCTION SYSTEM

(71) Monash University
(21) 2022902631 (22) 12.09.2022
(54) A Cementitious Composite and a Preparation Method Thereof

(71) NEIGHBOURS, G.
(21) 2022902589 (22) 08.09.2022
(54) HANDLING ASSEMBLY FOR HANDLING SECTIONS OF A STRUCTURE

(71) Nelson, P.
(21) 2022902582 (22) 07.09.2022
(54) SYSTEM AND METHOD

(71) Nexus Audio Visual PTY LTD
(21) 2022902628 (22) 12.09.2022
(54) A METHOD OF STREAMING SYNCHRONIZED AUDIO OVER A NETWORK

(71) NFID Pty Ltd
(21) 2022902613 (22) 09.09.2022
(54) Non-Fungible Token for Personal Image

(71) NFID Pty Ltd
(21) 2022902614 (22) 09.09.2022
(54) Non-Fungible Token for Voice Print

(71) Nosedá, L.
(21) 2022902563 (22) 06.09.2022
(54) SYSTEM AND METHOD OF FACILITATING SOFTWARE GAME INVESTMENT

(71) Nourish Ingredients Pty Ltd; Commonwealth Scientific and Industrial Research Organisation
(21) 2022902576 (22) 07.09.2022
(54) Compositions and methods for producing aromas

(71) Nourish Ingredients Pty Ltd; Commonwealth Scientific and Industrial Research Organisation
(21) 2022902577 (22) 07.09.2022
(54) Compositions and methods for producing meat-like aromas

(71) Nourish Ingredients Pty Ltd; Commonwealth Scientific and Industrial Research Organisation
(21) 2022902578 (22) 07.09.2022
(54) Compositions and methods for producing meat-like aromas

Provisional Applications Filed - Name Index cont'd

(71) Nourish Ingredients Pty Ltd; Commonwealth Scientific and Industrial Research Organisation

(21) 2022902579 (22) 07.09.2022

(54) Compositions and methods for producing food products with meat-like aromas

(71) Nourish Ingredients Pty Ltd; Commonwealth Scientific and Industrial Research Organisation

(21) 2022902580 (22) 07.09.2022

(54) Cells and modified lipid preparations, and uses thereof

(71) Nourish Ingredients Pty Ltd; Commonwealth Scientific and Industrial Research Organisation

(21) 2022902593 (22) 08.09.2022

(54) COMPOSITIONS AND METHODS FOR PRODUCING MEAT-LIKE AROMAS

(71) Nourish Ingredients Pty Ltd; Commonwealth Scientific and Industrial Research Organisation

(21) 2022902594 (22) 08.09.2022

(54) COMPOSITIONS AND METHODS FOR PRODUCING MEAT-LIKE AROMAS

(71) Noxopharm Limited

(21) 2022902590 (22) 08.09.2022

(54) Functionalised benzopyran compounds and uses thereof

(71) Noxopharm Limited

(21) 2022902591 (22) 08.09.2022

(54) Methods of treating fibrosis using functionalised benzopyran compounds

(71) NTHALMIC HOLDING PTY LTD

(21) 2022902601 (22) 09.09.2022

(54) An Asymmetrically Apodised Contact Lens for Myopia Management

(71) O'Connell, M.

(21) 2022902621 (22) 12.09.2022

(54) A STAND FOR A POWER TOOL OR APPLIANCE

O'DONNELL, S. see LAW, S.

(21) 2022902561

(71) Paradigm BioPharmaceuticals Ltd

(21) 2022902567 (22) 06.09.2022

(54) Treatment of psoriasis, psoriatic arthritis and dermatitis

(71) Process Development Centre Pty Ltd

(21) 2022902626 (22) 12.09.2022

(54) CYCLONIC SEPARATION DEVICE

(71) Quinn, B.

(21) 2022902642 (22) 13.09.2022

(54) A bicycle-mounted noisemaking device

(71) Random Concepts Pty Ltd

(21) 2022902569 (22) 06.09.2022

(54) Pump system

(71) ResMed Pty Ltd

(21) 2022902604 (22) 09.09.2022

(54) HEAT AND MOISTURE EXCHANGERS

(71) Safadi, T.

(21) 2022902616 (22) 10.09.2022

(54) A table tennis table designed to speed up training and increase body-mind coordination.

(71) Scarrott, M.

(21) 2022902619 (22) 12.09.2022

(54) NON-ELECTRIC PHOTOLUMINESCENT PET TAG, MILITARY DOG TAG, PRODUCT LABEL, AND DISPLAY

(71) Scolaro, A.

(21) 2022902599 (22) 09.09.2022

(54) A Concept for a Power Drive

(71) Sereno, L.; Marshall, L.

(21) 2022902568 (22) 06.09.2022

(54) SYSTEM AND METHOD FOR FACILITATING INDIVIDUALS TO SECURE EMPLOYMENT OPPORTUNITIES WHILST TRAVELLING

(71) Smith, B.

(21) 2022902625 (22) 12.09.2022

(54) An automated vehicle exhaust fluid dosing system flushing system

(71) Stilla Group Pty Ltd

(21) 2022902588 (22) 08.09.2022

(54) Modular Shed

(71) SVW TECHNOLOGIES PTY LTD

(21) 2022902598 (22) 09.09.2022

(54) Wool scouring pressure vessel

(71) THE AUSTRALIAN NATIONAL UNIVERSITY

(21) 2022902611 (22) 09.09.2022

(54) REFLECTOR PANEL ASSEMBLY

(21) 2022902605

(71) The University of Sydney; Westmead Institute of Medical Research; Western Sydney Local Health District; Victor Chang Cardiac Research Institute Limited

(21) 2022902612 (22) 09.09.2022

(54) Novel platelet derived growth factor peptide mimetic

(71) The University of Sydney

(21) 2022902627 (22) 12.09.2022

(54) Systems and methods for determining moisture content of soil

(71) Tietz, C.

(21) 2022902572 (22) 07.09.2022

(54) Magnetic Automobile Crutch Clip

(71) Underwood, P.

(21) 2022902617 (22) 10.09.2022

(54) A Fastening System

Victor Chang Cardiac Research Institute Limited see The University of Sydney

(21) 2022902612

(71) Vlepis Solutions Pty Ltd

(21) 2022902602 (22) 09.09.2022

(54) Cardiovascular monitoring device, and related methods and systems

(71) WalkEye Limited

(21) 2022902575 (22) 07.09.2022

(54) Personal Safety System, and Method and System for Enhancing the Safety of a Mobile Phone User While Walking

(71) Wallis, D.

(21) 2022902640 (22) 13.09.2022

(54) Security Cabinet

(71) Wang, Z.

(21) 2022902571 (22) 06.09.2022

(54) QUANTUM DOTS CERAMIC NANO MEMBRANE FOR HEAVY METALS REMOVAL

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(21) 2022902612

Westmead Institute of Medical Research see The University of Sydney

(21) 2022902612

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(71) WINDCRAFT REPAIR PTY LTD
(21) 2022902618 (22) 11.09.2022
(54) An extractor for trumpet mouthpieces

(71) Work Air Technologies Pty Ltd
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(54) Air Pressuriser

(71) Xero Limited
(21) 2022902574 (22) 07.09.2022
(54) Graphical user interfaces and systems,
methods, and computer-readable me-
dia for providing graphical user inter-
faces

(71) Xorro Pty Ltd
(21) 2022902596 (22) 08.09.2022
(54) Drain Sensor

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Applications listed below were processed through the Patent Office Canberra during the period ending 6 Sep 2022 .

. (*) Title not in Roman characters

. (**) Title not given

<hr/> <p>(71) 4C Medical Technologies, Inc. (21) 2022224830 (22) 02.09.2022 (54) Heart chamber prosthetic valve implant with base, spring and dome sections with single chamber anchoring for preservation, supplementation and/or replacement of native valve function (62) 2017311575</p> <hr/> <p>(71) 8ME NOVA, LLC (21) 2022224727 (22) 30.08.2022 (54) METHOD FOR DETERMINING AND MANAGING POTENTIAL ELECTRICAL OUTPUT OF INTEGRATED RENEWABLE ENERGY SOURCE AND ENERGY STORAGE SYSTEM FACILITY (62) 2021218240</p> <hr/> <p>(71) ABS Global, Inc. (21) 2022228097 (22) 06.09.2022 (54) Microfluidic system and method with focused energy apparatus (62) 2021200818</p> <hr/> <p>(71) Acuitas Therapeutics, Inc. (21) 2022224779 (22) 31.08.2022 (54) Novel carbonyl lipids and lipid nanoparticle formulations for delivery of nucleic acids (62) 2018256877</p> <hr/> <p>(71) AECOM (Delaware Corporation) (21) 2022224744 (22) 30.08.2022 (54) Use of electrochemical oxidation for treatment of per-and polyfluoroalkyl substances (PFAS) in waste generated from sorbent and resin regeneration processes (62) 2017366425</p> <hr/> <p>(71) Air Diffusion Agencies Pty Ltd (21) 2022224750 (22) 30.08.2022 (54) MOUNTING IMPROVEMENTS FOR LED LIGHT PANELS (62) 2020267192</p> <hr/> <p>(71) ALDI SÜD Dienstleistung-SE & Co. oHG (21) 2022224784 (22) 31.08.2022 (54) Till system for goods (31) EP22166521.9 (32) 04.04.22 (33) EP</p> <hr/>	<p>(71) Amgen Inc. (21) 2022224838 (22) 02.09.2022 (54) Drug delivery device and method of manufacture (62) 2017217994</p> <hr/> <p>(71) Angel Group Co., Ltd. (21) 2022224728 (22) 30.08.2022 (54) Game management system (62) 2021215222</p> <hr/> <p>(71) Angel Group Co., Ltd. (21) 2022224730 (22) 30.08.2022 (54) Game management system (62) 2021215222</p> <hr/> <p>(71) Angel Group Co., Ltd. (21) 2022224825 (22) 01.09.2022 (54) A METHOD FOR ADMINISTRATING A PACKAGE OF SHUFFLED PLAYING CARDS (62) 2021200820</p> <hr/> <p>(71) Angel Group Co., Ltd. (21) 2022224841 (22) 02.09.2022 (54) Gaming chip and method for manufacturing the same (62) 2021202338</p> <hr/> <p>(71) Angel Group Co., Ltd. (21) 2022224843 (22) 02.09.2022 (54) CHIP RECOGNITION SYSTEM (62) 2018211648</p> <hr/> <p>(71) Angel Group Co., Ltd. (21) 2022224853 (22) 02.09.2022 (54) Gaming chip and management system (62) 2021202629</p> <hr/> <p>(71) Apple Inc. (21) 2022224726 (22) 30.08.2022 (54) Portable multifunction device with interface reconfiguration mode (62) 2021201687</p> <hr/> <p>(71) Apple Inc. (21) 2022224773 (22) 31.08.2022 (54) Voice trigger for a digital assistant (62) 2022203177</p> <hr/> <p>(71) Apple Inc. (21) 2022224789 (22) 31.08.2022</p>	<p>(54) Voice trigger for a digital assistant (62) 2022203177</p> <hr/> <p>(71) Apple Inc. (21) 2022224855 (22) 02.09.2022 (54) Device, method, and graphical user interface for synchronizing two or more displays (62) 2021201449</p> <hr/> <p>(71) Aristocrat Technologies, Inc. (21) 2022224758 (22) 31.08.2022 (54) SYSTEMS AND METHODS FOR SUPPORTING ONE OR MORE EXTERNAL APPLICATIONS AT A GAMING DEVICE (31) 17/817,616 (32) 04.08.22 (33) US 63/239,055 31.08.21 US</p> <hr/> <p>(71) Aristocrat Technologies, Inc. (21) 2022224761 (22) 31.08.2022 (54) ELECTRONIC GAMING MACHINES WITH NOTCHED SCREENS (31) 17/865,198 (32) 14.07.22 (33) US 63/239,118 31.08.21 US</p> <hr/> <p>(71) Aristocrat Technologies, Inc. (21) 2022224840 (22) 02.09.2022 (54) SYSTEMS AND METHODS FOR CONTROLLING A PROGRESSIVE JACKPOT AND DISPLAYED DIGITAL CONTENT (31) 17/865,184 (32) 14.07.22 (33) US 63/240,201 02.09.21 US</p> <hr/> <p>(71) Ascendis Pharma Growth Disorders A/S (21) 2022224732 (22) 30.08.2022 (54) Controlled-release CNP agonists with reduced side-effects (62) 2017205273</p> <hr/> <p>(71) ATI Properties LLC (21) 2022224763 (22) 31.08.2022 (54) CREEP RESISTANT TITANIUM ALLOYS (62) 2019350496</p> <hr/> <p>(71) B. Braun Medical Inc. (21) 2022224870 (22) 02.09.2022 (54) Compounding device, system, kit, software, and method (62) 2022200587</p>
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<p>(71) BASF SE (21) 2022224796 (22) 31.08.2022 (54) Stabilized polyolefin compositions comprising benzofuranones and hindered amine light stabilizers (62) 2018297119</p>	<p>(54) Cultivator (31) 3152333 (32) 14.03.22 (33) CA</p>	<p>(71) Chuang-Kang Machinery Technology Co., Ltd. (21) 2022224835 (22) 02.09.2022 (54) Coffee Bean Grinder (31) 111126356 (32) 13.07.22 (33) TW</p>
<p>(71) Belcanto Group Limited (21) 2022228082 (22) 05.09.2022 (54) Balconies, Balcony Connection Systems and Methods of Use Thereof (31) 779751 (32) 03.09.21 (33) NZ</p>	<p>(71) Bullfrog International, LC (21) 2022224852 (22) 02.09.2022 (54) Adjustable Exercise Bar Device for Spa and Methods of Use (31) 17/467,106 (32) 03.09.21 (33) US</p>	<p>(71) City of Hope (21) 2022224866 (22) 02.09.2022 (54) Administration Of Administered T Cells For Treatment Of Cancers In The Central Nervous System (62) 2017213661</p>
<p>(71) Belcanto Group Limited (21) 2022228083 (22) 05.09.2022 (54) Balconies, Balcony Connection Systems and Methods of Use Thereof (31) 779751 (32) 03.09.21 (33) NZ</p>	<p>(71) CareFusion 303, Inc. (21) 2022224833 (22) 02.09.2022 (54) Ultrasonic infusion monitoring (31) 63/240,324 (32) 02.09.21 (33) US</p>	<p>(71) CMR Surgical Limited (21) 2022224765 (22) 31.08.2022 (54) Camera control (62) 2019224647</p>
<p>Bertolino, M. see Equifax, Inc. (21) 2022224756</p>	<p>(71) Case Western Reserve University (21) 2022224729 (22) 30.08.2022 (54) Therapy Delivery Devices and Methods for Non-damaging Neural Tissue Conduction Block (62) 2020204580</p>	<p>(71) CMR Surgical Limited (21) 2022224785 (22) 31.08.2022 (54) Camera Control (62) 2019224647</p>
<p>BioMed Valley Discoveries, Inc. see Vertex Pharmaceuticals Incorporated (21) 2022228084</p>	<p>(71) Caterpillar Global Mining Equipment LLC (21) 2022224805 (22) 01.09.2022 (54) SYSTEM AND METHOD FOR AUTOMATIC TILTING OF OPERATOR CABIN (31) 17/474,184 (32) 14.09.21 (33) US</p>	<p>(71) CNH Industrial America LLC (21) 2022224738 (22) 30.08.2022 (54) Internal drive system for weed seed mill of combine harvester (31) 17/462,657 (32) 31.08.21 (33) US</p>
<p>(71) Bioverativ Therapeutics Inc. (21) 2022228110 (22) 06.09.2022 (54) Factor IX polypeptide formulations (62) 2019208273</p>	<p>(71) CATERPILLAR INC. (21) 2022224809 (22) 01.09.2022 (54) MONITORING SYSTEM FOR IDENTIFYING AN ENGINE BANK WITH A MALFUNCTIONING FUEL INJECTOR (31) 17/448,477 (32) 22.09.21 (33) US</p>	<p>(71) Colhoun, G. (21) 2022224786 (22) 31.08.2022 (54) Systems and methods for facilitating secure electronic transactions (62) 2016340055</p>
<p>(71) Block, Inc. (21) 2022224849 (22) 02.09.2022 (54) Transaction information collection for mobile payment experience (62) 2020230303</p>	<p>(71) Caterpillar Underground Mining Pty Ltd (21) 2022224736 (22) 30.08.2022 (54) Underground mine energy management system</p>	<p>(71) Colhoun, G. (21) 2022224820 (22) 01.09.2022 (54) Systems and Methods for Facilitating Secure Electronic Transactions (62) 2016340055</p>
<p>Bloomquist, E. see Equifax, Inc. (21) 2022224756</p>	<p>(71) Cell Cure Neurosciences Ltd.; Hadasit Medical Research Services and Development Ltd. (21) 2022224821 (22) 01.09.2022 (54) Preparation of retinal pigment epithelium cells (62) 2016347652</p>	<p>(71) COLLABORATIVE RESEARCH IN ENGINEERING, SCIENCE & TECHNOLOGY CENTER (CREST) (21) 2022224741 (22) 30.08.2022 (54) AN UNMANNED AERIAL VEHICLE CAPABLE OF VERTICAL TAKE OFF AND LANDING (31) PI2021005122 (32) 06.09.21 (33) MY</p>
<p>(71) BlueScope Steel Limited (21) 2022224751 (22) 30.08.2022 (54) Solar Roof Panel (62) 2020210256</p>	<p>(71) CFPH, LLC (21) 2022224724 (22) 30.08.2022 (54) TRADING BASED ON FILL RATE (62) 2020227062</p>	<p>(71) Creatics LLC (21) 2022224782 (22) 31.08.2022 (54) Methods and compositions for detecting pancreatic cancer (62) 2020202066</p>
<p>(71) Board of Supervisors of Louisiana State University and Agricultural and Mechanical College; University of Southern California (21) 2022224802 (22) 01.09.2022 (54) COMPOUNDS, COMPOSITIONS, AND METHODS FOR THE TREATMENT OF INFLAMMATORY, DEGENERATIVE, AND NEURODEGENERATIVE DISEASES (62) 2020202648</p>	<p>(71) Charles Sturt University (21) 2022224834 (22) 02.09.2022 (54) Novel, heavy vitamin B12 derivatives (62) 2021201778</p>	<p>(71) Cricut, Inc. (21) 2022224857 (22) 02.09.2022 (54) Crafting apparatus assemblies, systems, devices, kits, mechanisms and methodologies for utilizing the same (62) 2018308148</p>
<p>(71) Brandt Industries Canada Ltd. (21) 2022224769 (22) 31.08.2022</p>		

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(71) Cripps Clark, J.
 (21) 2022224795 (22) 31.08.2022
 (54) SingleMake : Systems with devices using advanced digital technologies including block chain suitable at small to large scales including outdoor or home based products and services with access to higher-volume digital trade. Online AI-learning functions help develop business documentation, models, administration schemes and interpretative reading tools for inwards processing, production and dispatch with assisted selling strategies for digital and "normal" products and services as well as an inward and outward Product - Time And Place" digital inquiry negotiation protocol.
 (62) 2022203235

(71) Crush Dynamics Inc.
 (21) 2022227271 (22) 05.09.2022
 (54) SYSTEM, PROCESS, USE AND FOOD PRODUCT OR INGREDIENT DERIVED FROM FRUIT WINE DERIVATIVES
 (62) 2019266964

(71) CTS System Co., Ltd.; Um, T.J.
 (21) 2022224774 (22) 31.08.2022
 (54) Triaxial dome-type surveillance camera
 (62) 2019266964

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 (21) 2022224844

(71) Deep Isolation, Inc.
 (21) 2022224850 (22) 02.09.2022
 (54) STORING HAZARDOUS MATERIAL IN A SUBTERRANEAN FORMATION
 (62) 2018282167

(71) Deere & Company
 (21) 2022224876 (22) 05.09.2022
 (54) Dual gas pressure accumulator system
 (31) 17/489,918 (32) 30.09.21 (33) US

(71) Dekker Industries Pty Ltd
 (21) 2022224739 (22) 30.08.2022
 (54) On-board weighing system
 (62) 2016312954

(71) Diality Inc.
 (21) 2022228106 (22) 06.09.2022
 (54) Hemodialysis system with variable dialysate flow rate
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(71) Diehl Defence GmbH & Co. KG
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 (54) Pulse generator for an HPEM pulse
 (31) 10 2021 004 465.5 (32) 02.09.21 (33) DE

(71) Diogenes Limited
 (21) 2022224831 (22) 02.09.2022
 (54) Wagering apparatus, methods and systems
 (62) 2021204221

(71) Dometic Sweden AB
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 (54) Positive pressure vent for a vehicle
 (62) 2017227050

(71) Duke University
 (21) 2022224766 (22) 31.08.2022
 (54) Compositions and methods for robust dynamic metabolic control
 (62) 2018224036

(71) Equifax, Inc.; Bloomquist, E.; Whittenberg, C.; Bertolino, M.
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 (54) Managing verification repositories to facilitate real-time servicing of verification queries
 (62) 2017410919

(71) Factor Bioscience Inc.
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 (54) Methods and products for transfecting cells
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(71) Fisher & Paykel Healthcare Limited
 (21) 2022224771 (22) 31.08.2022
 (54) NASAL SEAL AND RESPIRATORY INTERFACE
 (62) 2017283771

(71) FISHER & PAYKEL HEALTHCARE LIMITED
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 (62) 2020257102

(71) Focus Valves Pty Ltd
 (21) 2022224826 (22) 01.09.2022
 (54) Vent valve, vent valve insert and method of operation of a vent valve
 (62) 2020281123

(71) Foundation Medicine, Inc.
 (21) 2022224814 (22) 01.09.2022
 (54) Novel NTRK1 fusion molecules and uses thereof
 (62) 2020202544

(71) Foundation Medicine, Inc.
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(54) Novel fusion molecules and uses thereof
 (62) 2020202555

(71) Fuji Clean Co., Ltd.
 (21) 2022224798 (22) 01.09.2022
 (54) WATER TREATMENT APPARATUS
 (31) JP 2021-178217 (32) 29.10.21 (33) JP

(71) FUJIFILM Cellular Dynamics, Inc.
 (21) 2022224800 (22) 01.09.2022
 (54) GENERATING MATURE LINEAGES FROM INDUCED PLURIPOTENT STEM CELLS WITH MECP2 DISRUPTION
 (62) 2017340634

(71) Fulcrum Global Technologies Inc.
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 (62) 2020233750

(71) Genentech, Inc.
 (21) 2022224860 (22) 02.09.2022
 (54) Multispecific antigen-binding proteins
 (62) 2016252773

(71) Gilead Sciences, Inc.
 (21) 2022224846 (22) 02.09.2022
 (54) Antibodies that target HIV gp120 and methods of use
 (62) 2019297324

(71) Gliknik Inc.
 (21) 2022224791 (22) 31.08.2022
 (54) Fusion proteins of human protein fragments to create orderly multimerized immunoglobulin Fc compositions with enhanced complement binding
 (62) 2016297862

(71) Goodspace
 (21) 2022224777 (22) 31.08.2022
 (54) Novel therapeutic chewing gum for reducing stress and anxiety

(71) Grant-Drew, B.
 (21) 2022224808 (22) 01.09.2022
 (54) A Safety Light Apparatus for Headwear
 (62) 2017248497

(71) Greyling, F.P.
 (21) 2022224740 (22) 30.08.2022
 (54) Ferroalloy smelting process
 (31) 2030140 (32) 15.12.21 (33) NL

(71) Griffith University
 (21) 2022224759 (22) 31.08.2022

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(54) Diagnostic methods
(62) 2016257772

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(21) 2022224821

(71) Hanwha Corporation
(21) 2022224749 (22) 30.08.2022
(54) Device and method for managing registration and arrangement of detonator
(62) 2020289842

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(21) 2022224787

(71) Hitachi, Ltd.
(21) 2022224775 (22) 31.08.2022
(54) Construct information management system and method
(62) 2018411591

(71) HUNG TA GARDEN ENTERPRISE CO., LTD.
(21) 2022224859 (22) 02.09.2022
(54) Hose-Joint Combination

(71) Hunter Douglas Inc.
(21) 2022224734 (22) 30.08.2022
(54) Methods and apparatus for controlling architectural opening coverings in more than one mode
(62) 2017206965

(71) Huyck Licensco Inc.
(21) 2022224770 (22) 31.08.2022
(54) MULTI-LAYER WARP BOUND PAPERMAKER'S FORMING FABRICS
(62) 2020349460

(71) Icahn School of Medicine at Mount Sinai
(21) 2022224869 (22) 02.09.2022
(54) Apparatus, method and system for providing customizable bone implants
(62) 2017248357

(71) Idea Invent Evolve Pty Ltd
(21) 2022224818 (22) 01.09.2022
(54) ENERGY STORAGE DEVICE WITH A VARIABLE VOLUME CHAMBER
(31) 2022900802 (32) 30.03.22 (33) AU

(71) IGT
(21) 2022224752 (22) 31.08.2022
(54) SETTTLING OUTSTANDING DEBT RESPONSIVE TO GAMING EVENT
(31) 17/464,305 (32) 01.09.21 (33) US

(71) IGT
(21) 2022224810 (22) 01.09.2022
(54) Electronic Gaming Machines and Electronic Games Using Mixed Reality Headsets
(62) 2017232131

(71) Implantica Patent Ltd
(21) 2022224745 (22) 30.08.2022
(54) A Device For Treatment Of Aneurysm
(62) 2020250306

(71) Indian Ocean Engineering Pty Ltd
(21) 2022224837 (22) 02.09.2022
(54) SYSTEM FOR POWERING AND CONTROLLING AN ELECTRIC MOTOR
(62) 2021201628

(71) INOSYSTEMS
(21) 2022224827 (22) 02.09.2022
(54) HOSPITAL CART FOR TRANSPORTING A CYLINDER OF GAS, IN PARTICULAR OF MEDICAL NO
(31) 2110265 (32) 29.09.21 (33) FR

(71) Jaytech Industries Limited
(21) 2022224757 (22) 31.08.2022
(54) Sample Port for Packaging
(31) 778854 (32) 06.09.21 (33) NZ

(71) Joy Global Underground Mining Llc
(21) 2022224762 (22) 31.08.2022
(54) Systems and methods for tensioning a conveyor in a mining system
(62) 2017250380

(71) Joy Global Underground Mining LLC
(21) 2022228085 (22) 05.09.2022
(54) SUPPORT FOR DRILLING AND BOLT-ING TOOL
(31) 63/241,517 (32) 07.09.21 (33) US

(71) Kabushiki Kaisha Toshiba
(21) 2022224824 (22) 01.09.2022
(54) CARBON DIOXIDE ELECTROLYTIC DEVICE
(31) 2022-039143 (32) 14.03.22 (33) JP

(71) Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation
(21) 2022224836 (22) 02.09.2022
(54) Novel amine compound, acid gas absorbent, method for removing acid gas, and acid gas removal apparatus
(31) 2021-150538 (32) 15.09.21 (33) JP

(71) Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation
(21) 2022227148 (22) 05.09.2022

(54) ELECTROCHEMICAL REACTION DEVICE AND ELECTROCHEMICAL REACTION METHOD
(31) 2022-011964 (32) 28.01.22 (33) JP
2022-118767 26.07.22 JP

(71) Kalypton International Limited
(21) 2022224731 (22) 30.08.2022
(54) Distributed transaction processing and authentication system
(62) 2017293405

(71) KANGATECH PTY LTD
(21) 2022224863 (22) 02.09.2022
(54) A Testing and Training Apparatus
(62) 2020250237

(71) Karim, K.S.; Cunningham, I.A.
(21) 2022224844 (22) 02.09.2022
(54) Method and apparatus for improved detective quantum efficiency in an X-ray detector
(62) 2017220486

(71) Karuna Therapeutics, Inc.
(21) 2022224813 (22) 01.09.2022
(54) COMPOSITIONS AND METHODS FOR TREATING DISORDERS AMELIORATED BY MUSCARINIC RECEPTOR ACTIVATION
(62) 2019346626

Keeler, J.M. see Panosian, M.H.

(21) 2022224858

(71) Kite Pharma, Inc.; The United States of America, as represented by the Secretary, Department of Health and Human Services
(21) 2022224754 (22) 31.08.2022
(54) METHODS OF CONDITIONING PATIENTS FOR T CELL THERAPY
(62) 2016268864

(71) Kite Pharma, Inc.; The United States of America, as represented by the Secretary, Department of Health and Human Services
(21) 2022224780 (22) 31.08.2022
(54) Methods for producing autologous T cells useful to treat B cell malignancies and other cancers and compositions thereof
(62) 2020201292

(71) Kunming University of Science and Technology
(21) 2022224725 (22) 30.08.2022
(54) Preparation method of in-situ synthesized zirconia toughened alumina (ZTA) ceramic particles-reinforced steel matrix structural composite
(31) 202111011847.6 (32) 31.08.21 (33) CN

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<p>(71) L & M Radiator, Inc. (21) 2022224776 (22) 31.08.2022 (54) Heat exchanger with tanks, tubes and retainer (62) 2017212498</p>	<p>(71) Mettler Packaging Pty. Ltd. (21) 2022224772 (22) 31.08.2022 (54) Side gusset paper container, method for producing the side gusset paper container and use of the side gusset paper container (31) 21194672.8 (32) 02.09.21 (33) EP</p>	<p>(71) Panosian, M.H.; Keeler, J.M. (21) 2022224858 (22) 02.09.2022 (54) Compact tape measure retraction mechanism (31) 17/471,078 (32) 09.09.21 (33) US</p>
<p>(71) Lakewood Amedex, Inc. (21) 2022224829 (22) 02.09.2022 (54) Bisphosphocin gel formulations and uses thereof (62) 2018282905</p>	<p>(71) Mizuho Orthopedic Systems, Inc. (21) 2022224753 (22) 31.08.2022 (54) SYSTEM, APPARATUS AND METHOD FOR PATIENT POSITIONING PRIOR TO, DURING AND/OR AFTER MEDICAL PROCEDURES (62) 2018256445</p>	<p>(71) Paua Trading Limited (21) 2022224812 (22) 01.09.2022 (54) A Case Or Cover For Hobby Equipment (62) 2016341499</p>
<p>(71) LG Electronics Inc. (21) 2022228087 (22) 05.09.2022 (54) Ceiling type indoor unit of air conditioner (62) 2018330128</p>	<p>(71) Monsanto Technology LLC (21) 2022224806 (22) 01.09.2022 (54) Solid herbicidal concentrate compositions (62) 2017308847</p>	<p>(71) Philips Medical Systems Technologies Ltd (21) 2022224856 (22) 02.09.2022 (54) Medical image workflow system and method (62) 2017285309</p>
<p>(71) M & J SCIENTIFIC, LLC (21) 2022224868 (22) 02.09.2022 (54) Light Scattering Detectors And Sample Cells For The Same (62) 2019333835</p>	<p>(71) NGM Biopharmaceuticals, Inc. (21) 2022224794 (22) 31.08.2022 (54) Binding proteins and methods of use thereof (62) 2017241161</p>	<p>(71) Powerhouse Distribution Pty Ltd (21) 2022224747 (22) 30.08.2022 (54) IMPROVED ELECTRICAL CABLE (31) 2021902823 (32) 31.08.21 (33) AU</p>
<p>(71) Magic Leap, Inc. (21) 2022224768 (22) 31.08.2022 (54) Dynamic field of view variable focus display system (62) 2018240367</p>	<p>(71) Nicoventures Trading Limited (21) 2022224875 (22) 05.09.2022 (54) Mouthpiece (62) 2020204124</p>	<p>(71) PPG Industries Ohio, Inc. (21) 2022224737 (22) 30.08.2022 (54) 3D printing of seal caps (62) 2020221901</p>
<p>(71) Magic Leap, Inc. (21) 2022224790 (22) 31.08.2022 (54) Interactions with 3D virtual objects using poses and multiple-DOF controllers (62) 2017244109</p>	<p>(71) Novartis AG (21) 2022224735 (22) 30.08.2022 (54) Method of scoring a sample comprising tumor tissue (62) 2016341307</p>	<p>(71) Proteostasis Therapeutics, Inc. (21) 2022228100 (22) 06.09.2022 (54) Compounds, compositions, and methods for increasing CFTR activity (62) 2020256305</p>
<p>(71) Magic Leap, Inc. (21) 2022224797 (22) 31.08.2022 (54) Dynamic display calibration based on eye-tracking (62) 2021202036</p>	<p>(71) OCEAN VISION ENVIRONMENTAL RESEARCH PTY LTD (21) 2022224803 (22) 01.09.2022 (54) Waterproof enclosure (62) 2020210166</p>	<p>(71) Purdue Research Foundation (21) 2022224743 (22) 30.08.2022 (54) Fibroblast activation protein (FAP) targeted imaging and therapy in fibrosis (62) 2019360944</p>
<p>(71) Manitou Italia S.r.l. (21) 2022224746 (22) 30.08.2022 (54) Telehandler with improved winch (31) 102021000022928 (32) 06.09.21 (33) IT</p>	<p>(71) Oncoceutics, Inc. (21) 2022228096 (22) 06.09.2022 (54) 7-BENZYL-4-(2-METHYLBENZYL)-2,4,6,7,8,9-HEXAHYDROIMIDAZO [1,2-A]PYRIDO[3,4-E]PYRIMIDIN-5(1H)-ONE, ANALOGS AND SALTS THEREOF AND THEIR USE IN THERAPY (62) 2020286168</p>	<p>(71) Qingdao Hairun Longtai Power Technology Co Ltd (21) 2022224801 (22) 01.09.2022 (54) Magnetic coupler and use method thereof (31) CN202210700992.3(32) 20.06.22 (33) CN</p>
<p>(71) MannKind Corporation (21) 2022224822 (22) 01.09.2022 (54) DRY POWDER INHALER (62) 2017211410</p>	<p>(71) Oticon Medical A/S (21) 2022224793 (22) 31.08.2022 (54) Antenna for a Bone-Anchored Hearing Aid (31) 21194390.7 (32) 01.09.21 (33) EP</p>	<p>(71) Qualcomm Incorporated (21) 2022224742 (22) 30.08.2022 (54) CHANNELIZATION FOR UPLINK TRANSMISSIONS (62) 2017334871</p>
<p>(71) MARICI Holdings The Netherlands B.V. (21) 2022224778 (22) 31.08.2022 (54) A multi-channel inverter for a photovoltaic apparatus (62) 2017258855</p>	<p>(71) Oticon Medical A/S (21) 2022224793 (22) 31.08.2022 (54) Antenna for a Bone-Anchored Hearing Aid (31) 21194390.7 (32) 01.09.21 (33) EP</p>	<p>(71) Qualcomm Incorporated (21) 2022224854 (22) 02.09.2022 (54) MAPPING BETWEEN A CONTROL BEAM AND A DATA CHANNEL BEAM (62) 2017317207</p>
		<p>(71) Reddy, S. (21) 2022224851 (22) 02.09.2022</p>

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(54) A PORTABLE HEALTHCARE SYSTEM
INSTALLED AT A REMOTE LOCATION
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(31) 17/694,819 (32) 15.03.22 (33) US

(71) Roche Innovation Center Copenhagen
A/S
(21) 2022224819 (22) 01.09.2022
(54) Alpha-synuclein antisense oligonuc-
leotides and uses thereof
(62) 2019207859

(71) Rokt Pte Ltd
(21) 2022224867 (22) 02.09.2022
(54) A system and methods relating thereto
(62) 2020204353

(71) Sabre Therapeutics LLC
(21) 2022228098 (22) 06.09.2022
(54) Autotaxin inhibitors and uses thereof
(62) 2020239656

(71) Sagun, F.
(21) 2022231667 (22) 12.09.2022
(54) Method for treating sewage or waste
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(62) 2015261733

(71) Samsung Electronics Co., Ltd.
(21) 2022224872 (22) 02.09.2022
(54) Method and apparatus for partial re-
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(62) 2017366070

(71) SCHLUMBERGER NORGE AS
(21) 2022228086 (22) 05.09.2022
(54) Automated drilling fluid analyzer
(62) 2020200588

(71) Schneider Electric IT Corporation
(21) 2022224871 (22) 02.09.2022
(54) Modular Data Center

(71) Seminis Vegetable Seeds, Inc.
(21) 2022224760 (22) 31.08.2022
(54) Tomato Hybrid DRT1025 and Parents
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(31) 17/464,640 (32) 01.09.21 (33) US

(71) Snap-on Incorporated
(21) 2022224865 (22) 02.09.2022
(54) Non-conductive magnetic retrieval tool
(62) 2020244553

(71) Storyteller Overland, LLC
(21) 2022224847 (22) 02.09.2022
(54) RV Retrofit System
(62) 2020235850

(71) Stryker Corporation
(21) 2022224864 (22) 02.09.2022
(54) Control console including a transformer
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(62) 2017275474

(71) STRYKER EUROPEAN OPERATIONS
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(21) 2022224764 (22) 31.08.2022
(54) SPINAL FIXATION ASSEMBLY
(62) 2017204876

(71) Sullivan, D.; Heenan, J.; Wellisch, A.;
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(21) 2022224787 (22) 31.08.2022
(54) A system and method for a media plat-
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(62) 2016331934

(71) Synlogic Operating Company, Inc.
(21) 2022224792 (22) 31.08.2022
(54) Bacteria engineered to treat disorders
involving the catabolism of a branched
chain amino acid
(62) 2016276973

(71) The Chinese University of Hong Kong
(21) 2022224861 (22) 02.09.2022
(54) Analysis of fragmentation patterns of
cell-free DNA
(62) 2016295616

(71) The Governing Council of the University
of Toronto
(21) 2022224748 (22) 30.08.2022
(54) Compositions And Methods For Detect-
ing And Treating Insulin Resistance
(62) 2018321610

(71) The Mosaic Company
(21) 2022224783 (22) 31.08.2022
(54) Granulated feed phosphate composi-
tion including feed enzymes
(62) 2020267154

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ted by the Secretary, Department of Health
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(21) 2022224754

**The United States of America, as represen-
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(21) 2022224780

(71) TINNUS ENTERPRISES, LLC
(21) 2022224815 (22) 01.09.2022

(54) APPARATUS, SYSTEM AND METH-
OD FOR FILLING CONTAINERS WITH
FLUIDS
(62) 2020250223

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(21) 2022224836

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(21) 2022227148

(71) TRACKD, INC.
(21) 2022224845 (22) 02.09.2022
(54) INTELLIGENT VULNERABILITY LIFE-
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(31) 63/260,869 (32) 02.09.21 (33) US

(71) TransDerm, Inc.
(21) 2022224839 (22) 02.09.2022
(54) Moisture-responsive films
(62) 2021200536

(71) Transocean Innovation Labs Ltd
(21) 2022224816 (22) 01.09.2022
(54) Methods for assessing the reliability of
hydraulically-actuated devices and re-
lated systems
(62) 2017273551

(71) Trudgett, C.A.
(21) 2022224807 (22) 01.09.2022
(54) Vehicle window covering device
(31) 2022900915 (32) 07.04.22 (33) AU

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(21) 2022224774

(71) Unison Industries, LLC
(21) 2022224828 (22) 02.09.2022
(54) AIR TURBINE STARTER WITH DE-
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(31) 202211029491 (32) 23.05.22 (33) IN

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al College**
(21) 2022224802

(71) UNL Holdings LLC
(21) 2022224723 (22) 30.08.2022
(54) SYSTEMS AND METHODS FOR CON-
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(62) 2016364666

(71) V2 Innovations Pty Ltd
(21) 2022228081 (22) 05.09.2022

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(54) MACHINE OPERATIONS AND MANAGEMENT SYSTEMS
(31) 2021902877 (32) 06.09.21 (33) AU

(71) Vertex Pharmaceuticals Incorporated; BioMed Valley Discoveries, Inc.
(21) 2022228084 (22) 05.09.2022
(54) CRYSTALLINE FORMS OF C₂₁H₂₂Cl₂N₄O₂
(62) 2020257041

(71) Visa International Service Association
(21) 2022224799 (22) 01.09.2022
(54) METHODS FOR SECURE CRYPTOGRAM GENERATION
(62) 2021203815

(71) W. L. Gore & Associates, Inc.
(21) 2022224781 (22) 31.08.2022
(54) Epithelializing microporous biomaterial for use in avascular environments and in corneal implants
(62) 2019287735

(71) Waste Repurposing International, Inc.
(21) 2022224862 (22) 02.09.2022
(54) Waste identification systems and methods
(62) 2017246666

(71) Watergum Community inc.
(21) 2022224733 (22) 30.08.2022
(54) Process for luring Bufonidae family tadpoles into a container to enable removal from the waterbody

(71) Wave Swell Energy Limited
(21) 2022224873 (22) 02.09.2022
(54) APPARATUS AND METHOD FOR EXTRACTING ENERGY FROM A FLUID
(62) 2020204292

Wellisch, A. see Sullivan, D.
(21) 2022224787

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(21) 2022224756

(71) Willingdon Properties Pty Ltd
(21) 2022224817 (22) 01.09.2022
(54) An improved hoist pivot arrangement for a dump truck
(62) 2020203368

(71) Wing Aviation LLC
(21) 2022224804 (22) 01.09.2022

(54) Landing and payload loading structures
(62) 2020220083

(71) X Development LLC
(21) 2022224842 (22) 02.09.2022
(54) Ground fault detection in ungrounded power systems
(62) 2019386971

(71) Xefco Pty Ltd
(21) 2022224832 (22) 02.09.2022
(54) Insulated radiant barriers in apparel
(62) 2019275943

(71) Xenipro GmbH
(21) 2022228099 (22) 06.09.2022
(54) Enhancers of notch signaling and their use in the treatment of cancers and malignancies medicable by upregulation of notch
(62) 2017232391

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2022224723	UNL Holdings LLC	2022224784	ALDI SÜD Dienstleistung-SE & Co. oHG
2022224724	CFPH, LLC	2022224785	CMR Surgical Limited
2022224725	Kunming University of Science and Technology	2022224786	Colhoun, G.
2022224726	Apple Inc.	2022224787	Sullivan, D.; Heenan, J.; Wellisch, A.; Wellisch, J.
2022224727	8ME NOVA, LLC	2022224788	Factor Bioscience Inc.
2022224728	Angel Group Co., Ltd.	2022224789	Apple Inc.
2022224729	Case Western Reserve University	2022224790	Magic Leap, Inc.
2022224730	Angel Group Co., Ltd.	2022224791	Gliknik Inc.
2022224731	Kalypton International Limited	2022224792	Synlogic Operating Company, Inc.
2022224732	Ascendis Pharma Growth Disorders A/S	2022224793	Oticon Medical A/S
2022224733	Watergum Community inc.	2022224794	NGM Biopharmaceuticals, Inc.
2022224734	Hunter Douglas Inc.	2022224795	Cripps Clark, J.
2022224735	Novartis AG	2022224796	BASF SE
2022224736	Caterpillar Underground Mining Pty Ltd	2022224797	Magic Leap, Inc.
2022224737	PPG Industries Ohio, Inc.	2022224798	Fuji Clean Co., Ltd.
2022224738	CNH Industrial America LLC	2022224799	Visa International Service Association
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2022224740	Greyling, F.P.	2022224801	Qingdao Hairun Longtai Power Technology Co Ltd
2022224741	COLLABORATIVE RESEARCH IN ENGINEERING, SCIENCE & TECHNOLOGY CENTER (CREST)	2022224802	Board of Supervisors of Louisiana State University and Agricultural and Mechanical College; University of Southern California
2022224742	Qualcomm Incorporated	2022224803	OCEAN VISION ENVIRONMENTAL RESEARCH PTY LTD
2022224743	Purdue Research Foundation	2022224804	Wing Aviation LLC
2022224744	AECOM (Delaware Corporation)	2022224805	Caterpillar Global Mining Equipment LLC
2022224745	Implantica Patent Ltd	2022224806	Monsanto Technology LLC
2022224746	Manitou Italia S.r.l.	2022224807	Trudgett, C.A.
2022224747	Powerhouse Distribution Pty Ltd	2022224808	Grant-Drew, B.
2022224748	The Governing Council of the University of Toronto	2022224809	CATERPILLAR INC.
2022224749	Hanwha Corporation	2022224810	IGT
2022224750	Air Diffusion Agencies Pty Ltd	2022224811	Diehl Defence GmbH & Co. KG
2022224751	BlueScope Steel Limited	2022224812	Paua Trading Limited
2022224752	IGT	2022224813	Karuna Therapeutics, Inc.
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2022224756	Equifax, Inc.; Bloomquist, E.; Whittenberg, C.; Bertolino, M.	2022224817	Willingdon Properties Pty Ltd
2022224757	Jaytech Industries Limited	2022224818	Idea Invent Evolve Pty Ltd
2022224758	Aristocrat Technologies, Inc.	2022224819	Roche Innovation Center Copenhagen A/S
2022224759	Griffith University	2022224820	Colhoun, G.
2022224760	Seminis Vegetable Seeds, Inc.	2022224821	Cell Cure Neurosciences Ltd.; Hadasit Medical Research Services and Development Ltd.
2022224761	Aristocrat Technologies, Inc.	2022224822	MannKind Corporation
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2022224767	Fulcrum Global Technologies Inc.	2022224828	Unison Industries, LLC
2022224768	Magic Leap, Inc.	2022224829	Lakewood Amedex, Inc.
2022224769	Brandt Industries Canada Ltd.	2022224830	4C Medical Technologies, Inc.
2022224770	Huyck Licenco Inc.	2022224831	Diogenes Limited
2022224771	Fisher & Paykel Healthcare Limited	2022224832	Xefco Pty Ltd
2022224772	Mettler Packaging Pty. Ltd.	2022224833	CareFusion 303, Inc.
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2022224774	CTS System Co., Ltd.; Um, T.J.	2022224835	Chuang-Kang Machinery Technology Co., Ltd.
2022224775	Hitachi, Ltd.	2022224836	Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation
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2022224778	MARICI Holdings The Netherlands B.V.	2022224839	TransDerm, Inc.
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2022224780	Kite Pharma, Inc.; The United States of America, as represented by the Secretary, Department of Health and Human Services	2022224841	Angel Group Co., Ltd.
2022224781	W. L. Gore & Associates, Inc.	2022224842	X Development LLC
2022224782	Creatics LLC	2022224843	Angel Group Co., Ltd.
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		2022224845	TRACKD, INC.
		2022224846	Gilead Sciences, Inc.

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2022224849 Block, Inc.
2022224850 Deep Isolation, Inc.
2022224851 Reddy, S.
2022224852 Bullfrog International, LC
2022224853 Angel Group Co., Ltd.
2022224854 Qualcomm Incorporated
2022224855 Apple Inc.
2022224856 Philips Medical Systems Technologies Ltd
2022224857 Cricut, Inc.
2022224858 Panosian, M.H.; Keeler, J.M.
2022224859 HUNG TA GARDEN ENTERPRISE CO., LTD.
2022224860 Genentech, Inc.
2022224861 The Chinese University of Hong Kong
2022224862 Waste Repurposing International, Inc.
2022224863 KANGATECH PTY LTD
2022224864 Stryker Corporation
2022224865 Snap-on Incorporated
2022224866 City of Hope
2022224867 Rokt Pte Ltd
2022224868 M & J SCIENTIFIC, LLC
2022224869 Icahn School of Medicine at Mount Sinai
2022224870 B. Braun Medical Inc.
2022224871 Schneider Electric IT Corporation
2022224872 Samsung Electronics Co., Ltd.
2022224873 Wave Swell Energy Limited
2022224875 Nicoventures Trading Limited
2022224876 Deere & Company
2022227148 Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation
2022227271 Crush Dynamics Inc.
2022228081 V2 Innovations Pty Ltd
2022228082 Belcanto Group Limited
2022228083 Belcanto Group Limited
2022228084 Vertex Pharmaceuticals Incorporated; BioMed Valley Discoveries, Inc.
2022228085 Joy Global Underground Mining LLC
2022228086 SCHLUMBERGER NORGE AS
2022228087 LG Electronics Inc.
2022228096 Oncoceutics, Inc.
2022228097 ABS Global, Inc.
2022228098 Sabre Therapeutics LLC
2022228099 Xenipro GmbH
2022228100 Proteostasis Therapeutics, Inc.
2022228106 Diality Inc.
2022228110 Bioverativ Therapeutics Inc.
2022228161 Dometic Sweden AB
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Innovation Patent Applications Filed**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 6 Sep 2022 .
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

(71) Apple Inc.
(21) 2022100126 (22) 09.09.2022
(54) User interfaces for subscription applica-
 tions
(62) 2021107609

(71) Graeme, D.
(21) 2022100125 (22) 08.09.2022
(54) LIFTING DEVICE
(62) 2020201534

(71) MTC Contractors Pty Ltd
(21) 2022100127 (22) 09.09.2022
(54) Hose Loom Assembly
(62) 2021103296

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Applications Lapsed, Refused Or Withdrawn, Patents Ceased or Expired

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

The codes next to each number have the following meanings:

Code Meaning

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

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

- N Applications not Open to Public Inspection

2002

2002300806 (14) 2002300807 (14) 2002300820 (14)
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2019

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2020

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2021

2021100863 (22E) 2021200012 (4C) 2021200215 (4C)
 2021201194 (5C) 2021202270 (12AN) 2021204211 (4C)
 2021209210 (5C) 2021221912 (4C) 2021902931 (12AN)

Assignments before Grant, Section 113

2016

2016357731 AFI Licensing LLC The application has been assigned to **Braeside Mills Operations Pty Ltd**

2017

2017297781 Imperial College of Science, Technology and Medicine
 The application has been assigned to **Imperial College Innovations Limited**

2017302286 OrthoPediatrics Corp.; Kapstone Medical, LLC The application has been assigned to **OrthoPediatrics Corp.**

2017354078 Baylis Medical Company Inc. The application has been assigned to **Boston Scientific Medical Device Limited**

2017355939 Carpenter, Judith; The Cooper Health System The application has been assigned to **Stemplant, LLC**

2017357045 Amo WaveFront Sciences, LLC The application has been assigned to **AMO Development, LLC**

2017396763 Medallion Therapeutics, Inc. The application has been assigned to **Medtronic MiniMed, Inc.**

2017396764 The Alfred E. Mann Foundation for Scientific Research
 The application has been assigned to **Medtronic MiniMed, Inc.**

2018

2018228760 qonqave GmbH The application has been assigned to **Watson Marlow GmbH**

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

2018273603 Friedrich-Schiller-Universität Jena The application has been assigned to **Sartorius Xell GmbH**

2018315484 Baylis Medical Company Inc. The application has been assigned to **Boston Scientific Medical Device Limited**

2018372847 IHI Inc. The application has been assigned to **IHI Ter-rasun Solutions Inc.**

2019

2019247652 Progenity, Inc. The application has been assigned to **Enumera Molecular, Inc.**

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

Assignments before Grant, Section 113

2019265782 Baylis Medical Company Inc. The application has been assigned to **Boston Scientific Medical Device Limited**

2019265786 Baylis Medical Company Inc. The application has been assigned to **Boston Scientific Medical Device Limited**

2019283732 Healthcare Technology Innovation Centre The application has been assigned to **Indian Institute of Technology Madras; Healthcare Technology Innovation Centre**

2019283733 Healthcare Technology Innovation Centre The application has been assigned to **Indian Institute of Technology Madras; Healthcare Technology Innovation Centre**

2019283734 Healthcare Technology Innovation Centre The application has been assigned to **Indian Institute of Technology Madras; Healthcare Technology Innovation Centre**

2019283735 Healthcare Technology Innovation Centre The application has been assigned to **Indian Institute of Technology Madras; Healthcare Technology Innovation Centre**

2019285034 The Scripps Research Institute The application has been assigned to **University of Florida Research Foundation, Incorporated**

2019331776 UBE Industries, Ltd. The application has been assigned to **Mitsubishi UBE Cement Corporation**

2020

2020200444 BIOREGENTECH, INC. The application has been assigned to **The BioRegentech Institute, Inc.**

2020226290 Infinity Retractable Screens Pty Ltd The application has been assigned to **Freedom Screens Capital Pty Ltd**

2020239721 Clear Technology Holdings, LLC The application has been assigned to **Solaris Technology Ltd.**

2020248023 AFI Licensing LLC The application has been assigned to **Braeside Mills Operations Pty Ltd**

2020265573 Baylis Medical Company Inc. The application has been assigned to **Boston Scientific Medical Device Limited**

2020314650 Rovaxa The application has been assigned to **Zeta-gen Therapeutics, Inc.**

2020317077 Baylis Medical Company Inc. The application has been assigned to **Boston Scientific Medical Device Limited**

2020346951 Shanghai Jemincare Pharmaceuticals Co., Ltd; Jiangxi Jemincare Group Co., Ltd The application has been assigned to **Orion Corporation**

2020366719 Baylis Medical Company Inc. The application has been assigned to **Boston Scientific Medical Device Limited**

Assignments before Grant, Section 113

2020372327 Donio, Michael; Arch Oncology, Inc. The application has been assigned to **Arch Oncology, Inc.**

2020404892 SunPower Corporation The application has been assigned to **Maxeon Solar Pte. Ltd.**

2021

2021201436 AFI Licensing LLC The application has been assigned to **Braeside Mills Operations Pty Ltd**

2021201438 AFI Licensing LLC The application has been assigned to **Braeside Mills Operations Pty Ltd**

2021212088 Baylis Medical Company Inc. The application has been assigned to **Boston Scientific Medical Device Limited**

2021215216 Baylis Medical Company Inc. The application has been assigned to **Boston Scientific Medical Device Limited**

2021219259 TK Home Solutions GmbH The application has been assigned to **TK Airport Solutions, S.A.**

2021226469 Nottingham-Spirk Design Associates, Inc. The application has been assigned to **Pure Fishing, Inc.**

2021902937 David Bastians Family Trust, David Bastians Family Trust The application has been assigned to **Bastians, David**

2022

2022200159 AFI Licensing LLC The application has been assigned to **Braeside Mills Operations Pty Ltd**

2022203520 LSM Technologies Pty Ltd The application has been assigned to **Australian Mitigation Engineering Developments Pty Ltd**

2022204073 AFI LICENSING LLC The application has been assigned to **Braeside Mills Operations Pty Ltd**

2022204164 AFI Licensing LLC The application has been assigned to **Braeside Mills Operations Pty Ltd**

2022205212 ARC Medical Design Limited The application has been assigned to **KeyMed (Medical & Industrial Equipment) Limited**

Extensions of Time, Section 223

Applications Received

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

2009

2009243504 **Aldino s.r.l.** An application to extend the time from 03 Dec 2021 to 03 Jul 2022 in which to pay a renewal fee has been filed. Address for service - Phillips Ormonde Fitzpatrick L 16 333 Collins St Melbourne VIC 3000 AU

Extensions of Time, Section 223

2012

2012321049 **Novel Mining Limited** An application to extend the time from 04 Oct 2021 to 04 Sep 2022 in which to pay a renewal fee has been filed . Address for service - Acacia Law PO BOX 1279 Milton QLD 4064 AU

2013

2013305539 **Sun Pharmaceutical Industries Limited** An application to extend the time from 31 Jul 2020 to 31 Jul 2022 in which to request an Extension of Term - Pharmaceutical has been filed . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2014

2014278253 **Upreti, S.** An application to extend the time from 10 Jun 2020 to 10 Sep 2022 in which to pay a renewal fee has been filed . Address for service - FOUNDRY INTELLECTUAL PROPERTY PTY LTD PO Box Q1466 Queen Victoria Building NSW 1230 AU

2014363213 **Aveva Solutions Limited** An application to extend the time from 05 Dec 2021 to 05 Aug 2022 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2015

2015203890 **Adbri Masonry Pty Ltd** An application to extend the time from 23 Dec 2021 to 23 Aug 2022 in which to pay a renewal fee has been filed . Address for service - Summit IP PO Box 81 Hope Valley SA 5090 AU

2015349218 **Dalian Institute of Chemical Physics, Chinese Academy of Sciences** An application to extend the time from 16 Oct 2021 to 16 Sep 2022 in which to pay a renewal fee has been filed . Address for service - Madderns Pty Ltd GPO Box 2752 Adelaide SA 5001 AU

2015356676 **Axtone Spolka Akcyjna** An application to extend the time from 30 Nov 2021 to 30 Jun 2022 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2018

2018217309 **Upreti, S.** An application to extend the time from 10 Jun 2020 to 10 Sep 2022 in which to pay a renewal fee has been filed . Address for service - FOUNDRY INTELLECTUAL PROPERTY PTY LTD PO Box Q1466 Queen Victoria Building NSW 1230 AU

2018229482 **Singapore Health Services Pte Ltd; National University of Singapore** An application to extend the time from 16 Dec 2021 to 16 Jul 2022 in which to pay a renewal fee has been filed . Address for service - FB Rice Pty Ltd L 33 477 Collins Street Melbourne VIC 3000 AU

2018229484 **Singapore Health Services Pte Ltd; National University of Singapore** An application to extend the time from 16 Dec 2021 to 16 Jul 2022 in which to pay a renewal fee has been filed . Address for service - FB Rice Pty Ltd L 33 477 Collins Street Melbourne VIC 3000 AU

2018229485 **Singapore Health Services Pte Ltd; National University of Singapore** An application to extend the time from 16 Dec 2021 to 16 Jul 2022 in which to pay a renewal fee has been filed . Address for service - FB Rice Pty Ltd L 33 477 Collins Street Melbourne VIC 3000 AU

Extensions of Time, Section 223

2018229486 **Singapore Health Services Pte Ltd; National University of Singapore** An application to extend the time from 16 Dec 2021 to 16 Jul 2022 in which to pay a renewal fee has been filed . Address for service - FB Rice Pty Ltd L 33 477 Collins Street Melbourne VIC 3000 AU

2020

2020281070 **Cherimulla Itty, T.** An application to extend the time from 17 Sep 2022 to 17 Mar 2023 in which to gain acceptance has been filed . Address for service - Thomas Cherimulla Itty 17 Clonmore Street Kellyville Ridge NSW 2155 AU

2021

2021107527 **HITIQ LIMITED** An application to extend the time from 05 Feb 2022 to 05 Sep 2022 in which to pay a renewal fee has been filed . Address for service - FORWARD INTELLECTUAL PROPERTY PTY LTD U 3 127 Crown Rd Queenscliff NSW 2096 AU

2021240314 **Crossan, M.** An application to extend the time from 02 Oct 2021 to 02 Jun 2022 in which to comply with a direction under Reg 3.2A and associate has been filed . Address for service - CELTIC LEGAL PTY LTD 5/49 Sherwood Rd Toowong QLD 4066 AU

2022

2022206765 **Maximum Soil and Water Productivity Pty Ltd** An application to extend the time from 14 Aug 2020 to 14 Aug 2022 in which to make a further application for a divisional patent has been filed . Address for service - Patentec Patent Attorneys L11, 65 York Street Sydney NSW 2000 AU

Applications Allowed - Section 223(2)

2010

2010212451 **Elvin, J.** The time in which to pay a continuation fee has been extended to 19 Apr 2022 . Address for service - DAVIS IP PTY LTD PO Box 3066 Newstead QLD 4006 AU

2016

2016371032 **Arrow Mirror and Glass, Inc.** The time in which to pay the acceptance fee has been extended to 28 Sep 2022 . Address for service - Collison & Co Gpo Box 2556 Adelaide SA 5001 AU

2017

2017201558 **Australian Rain Technologies Pty Limited** The time in which to pay a continuation fee and gain acceptance has been extended to 02 Oct 2022 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2017238766 **Weisz, E.** The time in which to pay the acceptance fee has been extended to 19 Sep 2022 . Address for service - Evan WEISZ c/o KAnalysis, L 54 111 Eagle St Brisbane QLD 4000 AU

2017420382 **Johnson, A.** The time in which to request examination has been extended to 30 Jul 2022 . Address for service - Acacia Law PO Box 1279 Milton QLD 4064 AU

2018

2018333280 **Australian Nuclear Science and Technology Organisation; University of Wollongong** The time in which to request examin-

Extensions of Time, Section 223

ation has been extended to 21 Sep 2022 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2019

2019212596 **Hussain, A.** The time in which to gain acceptance has been extended to 08 Dec 2022 . Address for service - Ahmad Hussain Unit 2, 517 Hume Street Kerneys Spring QLD 4350 AU

2022

2022211893 **Voudouris, V.** The time in which to make a further application for a divisional patent has been extended to 20 Aug 2022 . Address for service - Vasiliou Voudouris Perth L 7 863 Hay St Perth WA 6000 AU

202221562 **Wood, C.** The time in which to make a further application for a divisional patent has been extended to 09 Sep 2022 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

202224863 **KANGATECH PTY LTD** The time in which to make a further application for a divisional patent has been extended to 20 Sep 2022 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

Section 223(1) Allowances

2017

2017202491 **NSA INVESTMENTS (AUST) PTY LTD** The time in which to request examination in the approved form has been extended to 01 Sep 2022

Amendments

Applications for Amendment

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

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

2016

2016297862 Fusion proteins of human protein fragments to create orderly multimerized immunoglobulin Fc compositions with enhanced complement binding **Gliknik Inc.** The nature of the amendment is as shown in the statement(s) filed 31 Aug 2022 . Address for service - Allens Patent & Trade Mark Attorneys Deutsche Bank Place Corner Hunter and Phillip Streets SYDNEY NSW 2000 AU

2016337275 Improvements in and relating to displays **BAE Systems PLC** The nature of the amendment is as shown in the statement(s) filed 13 Jul 2022 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2017

2017245933 Ergonomic integral handle assembly **Integrated Plastics Pty Limited** The nature of the amendment is as shown

Amendments

in the statement(s) filed 01 Sep 2022 . Address for service - Wallington-Dummer Se 1005 37 Bligh St Sydney NSW 2000 AU

2018

2018204474 System and method for destroying seeds in crop residue prior to discharge from agricultural harvester **CNH Industrial America LLC** The nature of the amendment is as shown in the statement(s) filed 01 Sep 2022 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2018210170 Shoulder implant components **Encore Medical, L.P. (d/b/a DJO Surgical)** The nature of the amendment is as shown in the statement(s) filed 31 Aug 2022 . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd Level 2, Woden Plaza Offices WODEN ACT 2606 AU

2018365901 System and methods for concept aware searching **Thomson Reuters Enterprise Centre GmbH** The nature of the amendment is as shown in the statement(s) filed 07 Sep 2022 . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2019

2019239968 Semiautomated robotic cochlear implant surgery **MED-EL Elektromedizinische Geraete GmbH** The nature of the amendment is as shown in the statement(s) filed 08 Sep 2022 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2019271875 Barrel for hair styling appliance **Jemella Limited** The nature of the amendment is as shown in the statement(s) filed 20 Jun 2022 . Address for service - Davies Collison Cave Pty Ltd Level 14 255 Elizabeth St Sydney NSW 2000 AU

2019279868 Vehicle restraints with a barrier having rotational and translational motion **Rite-Hite Holding Corporation** The nature of the amendment is as shown in the statement(s) filed 30 Aug 2022 . Address for service - WRAYS PTY LTD L 20 600 Bourke St Melbourne VIC 3000 AU

2019292289 Vacuum adiabatic body and refrigerator **LG Electronics Inc.** The nature of the amendment is as shown in the statement(s) filed 29 Aug 2022 . Address for service - Dentons Patent Attorneys Australasia Limited 18 Viaduct Harbour Avenue Auckland CBD 1142 NZ

2020

2020255319 Skin compatible silicone composition **Trio Healthcare Limited** The nature of the amendment is as shown in the statement(s) filed 19 Aug 2022 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2021

2021232759 ELEVATOR COMMUNICATION SYSTEM **Kone Corporation** The nature of the amendment is: Amend the name of the inventor to add inventor Staengler, Ferenc . Address for service - Collison & Co Gpo Box 2556 Adelaide SA 5001 AU

Amendments Made

Amendments**2009**

2009307677 **Alnylam Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement filed 13 May 2022

2013

2013355237 **Alnylam Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement filed 19 May 2022

2015

2015242363 **The University of Nottingham** The nature of the amendment is as shown in the statement filed 01 Jun 2022

2016

2016355236 **MedinCell** The nature of the amendment is as shown in the statements filed 20 May 2022 and 02 Jun 2022

2017

2017227612 **The Fynder Group, Inc.** The nature of the amendment is as shown in the statement(s) filed 17 May 2022

2017268244 **Integrated Nano-Technologies, Inc.** The nature of the amendment is: Amend the name of the inventor to read Westcott, Nathaniel E. and Aptekarev, Konstantin

2017269322 **Thomson Reuters Enterprise Centre GmbH** The nature of the amendment is: Amend the invention title to read Systems and Methods for Workflow and Practice Management

2018

2018215089 **Certa Therapeutics Pty. Ltd.** The nature of the amendment is as shown in the statement filed 10 Jun 2022

2018243203 **Waldemar Link GmbH & Co. KG** The nature of the amendment is as shown in the statement(s) filed 03 Jun 2022

2018272088 **Exelixis, Inc.** The nature of the amendment is as shown in the statement(s) filed 10 Jun 2022

2018297214 **Caventure Drug Discovery, Inc.** The nature of the amendment is: Amend the invention title to read A PERIPHERALLY-RESTRICTED DUAL-ACTING KAPPA AND DELTA OPIOID AGONIST FOR ANALGESIA IN PAIN STATES INVOLVING THE INFLAMMATORY RESPONSE

2018359558 **Takeda Vaccines, Inc.** The nature of the amendment is as shown in the statement filed 05 May 2022

2018371063 **4basebio SI** The nature of the amendment is: Amend the name of the inventor to read PICHER SERANTES, Angel Joaquin and BUDEUS, Bettina

2019

2019101832 **Shenzhen Merrytek Technology Co., Ltd.** The nature of the amendment is: Amend the applicant name to read Shenzhen Merrytek Technology Co., Ltd.

Amendments

2019219834 **BioSpecifics Technologies Corporation; Duke University** The nature of the amendment is as shown in the statement(s) filed 14 Jun 2022

2019261783 **2seventy bio, Inc.** The nature of the amendment is as shown in the statement(s) filed 08 Jun 2022

2019347855 **FMC Corporation** The nature of the amendment is as shown in the statement(s) filed 07 Jul 2022

2019358775 **StoneAge, Inc.** The nature of the amendment is as shown in the statement(s) filed 05 Mar 2022

2020

2020203251 **Fisher & Paykel Healthcare Limited** The nature of the amendment is as shown in the statement(s) filed 10 Jun 2022

2020220158 **MAX CO., LTD.** The nature of the amendment is as shown in the statement(s) filed 25 Aug 2022

2020230264 **Zymeworks Inc.** The nature of the amendment is as shown in the statement filed 16 May 2022

2020328061 **GE Nutrients, Inc.** The nature of the amendment is: Amend the name of a co-inventor to read VENKATESH, Ramasamy Varadarajan

2020334589 **McQuay Air Conditioning and Refrigeration (Wuhan) Co., Ltd.** The nature of the amendment is: Amend the invention title to read Refrigerant Distributor and Evaporator Comprising the Refrigerant Distributor

2020399208 **SuperSonic Imagine** The nature of the amendment is: Amend the name of the inventor to read ZHANG, Bo; TONG, Ling; DOLGOFF, Cyril; SPORTOUCHE, Hélène and HENRY, Jean-Pierre

2020432490 **Sener, Ingenieria Y Sistemas, S.A.** The nature of the amendment is: Application is to proceed under the number 2020104487

2021

2021107287 **Gardan Enterprises** The nature of the amendment is as shown in the statement(s) filed 07 Sep 2022

2021212364 **Netalux NV** The nature of the amendment is as shown in the statement(s) filed 19 Aug 2022

2021212882 **Spiral Turn Co., Ltd** The nature of the amendment is: Amend the invention title to read INSOLE

2021213804 **Research Triangle Institute** The nature of the amendment is: Amend the invention title to read Indazole derivatives as cannabinoid receptor partial agonists

2021213804 **Research Triangle Institute** The nature of the amendment is: Amend the name of a co-inventor to read MAITRA, Rangan

2021216452 **CompoSecure, LLC** The nature of the amendment is: Amend the invention title to read Di metal transaction devices and processes for the manufacture thereof

Amendments

2021218785 **Sherman + Reilly, Inc.** The nature of the amendment is: Amend the name of the inventor to read MacDonald, Douglas Bruce; Tran, Toni Corinne; Bellot, Carlos Albert; Hanson, Timothy Michael and Morton, John Jeremiah

2021236081 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read METHOD FOR DETERMINING DATA BUFFER STATUS, AND APPARATUS

2021239220 **Phase Scientific International, Ltd.** The nature of the amendment is: Add the names of co-inventors KITTUR, Harsha Madan; CHUNG, Cheuk Yiu Tenny and MOSLEY, Garrett Lee

2022

2022100082 **Metso Outotec Finland Oy** The nature of the amendment is as shown in the statement(s) filed 07 Sep 2022

2022203181 **Tornier** The nature of the amendment is: Amend the name of the inventor to read SIRVEAUX, Francois; CLAVERT, Philippe; KRISHNAN, Sumant; CHUINARD, Christopher R.; GABORIT, Vincent; FLEURY, Cyrille Aroun Koumar; FAVARD, Luc; BOILEAU, Pascal; KELLY, James and DERANSART, Pierric

2022204450 **Virginia Commonwealth University; Durect Corporation; The United States Government as represented by The Department of Veteran Affairs** The nature of the amendment is: Amend the invention title to read Uses of oxygenated cholesterol sulfates (OCS)

2022209201 **Cripps Clark, J.** The nature of the amendment is: Amend the priority details to add divisional 2022201926

2022209202 **Cripps Clark, J.** The nature of the amendment is: Amend the priority details to add divisional 2022201926

2022224722 **CFPH, LLC** The nature of the amendment is: Amend the name of a co-inventor to read Bahrampour, Robert F.

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

2003

2003246303 SK GLOBAL CHEMICAL CO., LTD. The name of the patentee has been altered to **SK Geo Centric Co., Ltd.**

2005

2005315530 SK GLOBAL CHEMICAL CO., LTD. The name of the patentee has been altered to **SK Geo Centric Co., Ltd.**

2007

2007338360 CureVac Real Estate GmbH The name of the patentee has been altered to **CureVac Manufacturing GmbH**

2008

2008208409 Nisshin Foods Inc.; Mama-Macaroni Co., Ltd The name of the patentee has been altered to **Mama-Macaroni Co., Ltd; Nisshin Seifun Welna Inc.**

Amendments

2009

2009243093 Daniel Measurement and Control, Inc. The name of the patentee has been altered to **EMERSON AUTOMATION SOLUTIONS MEASUREMENT SYSTEMS & SERVICES LLC**

2009275752 SK GLOBAL CHEMICAL CO., LTD. The name of the patentee has been altered to **SK Geo Centric Co., Ltd.**

2009287008 Allgemeine Gold- Und Silberscheideanstalt AG The name of the patentee has been altered to **Agosi AG**

2009308038 Daniel Measurement & Control, Inc. The name of the patentee has been altered to **EMERSON AUTOMATION SOLUTIONS MEASUREMENT SYSTEMS & SERVICES LLC**

2010

2010306700 Nocimed, Inc. The name of the patentee has been altered to **Aclarion, Inc.**

2012

2012208061 Nisshin Foods Inc. The name of the patentee has been altered to **Nisshin Seifun Welna Inc.**

2012323851 Daniel Measurement and Control, Inc. The name of the patentee has been altered to **EMERSON AUTOMATION SOLUTIONS MEASUREMENT SYSTEMS & SERVICES LLC**

2012354658 Nisshin Foods Inc. The name of the patentee has been altered to **Nisshin Seifun Welna Inc.**

2012379818 Nisshin Foods Inc. The name of the patentee has been altered to **Nisshin Seifun Welna Inc.**

2013

2013250594 Nisshin Foods Inc. The name of the patentee has been altered to **Nisshin Seifun Welna Inc.**

2013260835 Nisshin Foods Inc. The name of the patentee has been altered to **Nisshin Seifun Welna Inc.**

2013260836 Nisshin Foods Inc. The name of the patentee has been altered to **Nisshin Seifun Welna Inc.**

2013319538 Nisshin Foods Inc. The name of the patentee has been altered to **Nisshin Seifun Welna Inc.**

2013335746 Nisshin Foods Inc. The name of the patentee has been altered to **Nisshin Seifun Welna Inc.**

2014

2014240328 Daniel Measurement & Control, Inc. The name of the patentee has been altered to **EMERSON AUTOMATION SOLUTIONS MEASUREMENT SYSTEMS & SERVICES LLC**

2014246018 Nisshin Foods Inc. The name of the patentee has been altered to **Nisshin Seifun Welna Inc.**

Amendments

2014282131 Nisshin Foods Inc. The name of the patentee has been altered to **Nisshin Seifun Welna Inc.**

2014324207 Nisshin Foods Inc. The name of the patentee has been altered to **Nisshin Seifun Welna Inc.**

2014338355 Nisshin Foods Inc.; Nisshin Seifun Group Inc. The name of the patentee has been altered to **Nisshin Seifun Group Inc.; Nisshin Seifun Welna Inc.**

2014369649 SK GLOBAL CHEMICAL CO., LTD. The name of the patentee has been altered to **SK Geo Centric Co., Ltd.**

2014375404 CureVac Real Estate GmbH The name of the patentee has been altered to **CureVac Manufacturing GmbH**

2015

2015273933 CureVac Real Estate GmbH The name of the patentee has been altered to **CureVac Manufacturing GmbH**

2015405326 Nisshin Foods Inc. The name of the patentee has been altered to **Nisshin Seifun Welna Inc.**

2016

2016100958 QLD Metal Solutions The name of the patentee has been altered to **Queensland Metal Solutions Pty Ltd**

2016324524 Nisshin Foods Inc. The name of the patentee has been altered to **Nisshin Seifun Welna Inc.**

2016334413 Particle3D ApS The name of the applicant has been altered to **Ossiform ApS**

2017

2017271849 Nisshin Foods Inc. The name of the patentee has been altered to **Nisshin Seifun Welna Inc.**

2017299219 Life Molecular Imaging Limited; AC Immune S.A. The name of the applicant has been altered to **Life Molecular Imaging Limited; AC Immune SA**

2018

2018206357 Wong Pharmaceuticals (Hangzhou) Co., Ltd. The name of the patentee has been altered to **Wong Pharmaceuticals (Hangzhou) Co., Ltd.**

2018309168 ExxonMobil Research and Engineering Company; The Regents of the University of California The name of the applicant has been altered to **ExxonMobil Technology and Engineering Company; The Regents of the University of California**

2019

2019232919 The Regents of the University of California; Nocimed, Inc. The name of the patentee has been altered to **The Regents of the University of California; Aclarion, Inc.**

Amendments

2019252208 Andikang (Wuxi) Biological Technology Co., Ltd The name of the patentee has been altered to **JIAXING ANDICON BI-OTECH CO., LTD**

2019281942 Heliogen, Inc. The name of the applicant has been altered to **Heliogen Holdings, Inc.**

2020

2020201823 The Regents of the University of California; Nocimed, Inc. The name of the patentee has been altered to **The Regents of the University of California; Aclarion, Inc.**

2020203460 The United of America, as represented by the Secretary, Department of Health and Human Services ; The Research Foundation for the State University of New York The name of the applicant has been altered to **The United States of America, as represented by the Secretary, Department of Health and Human Services; The Research Foundation for the State University of New York**

2020208858 Track Straight Pty Ltd The name of the applicant has been altered to **Innovative Mining Services (Aust) Pty Ltd**

2020213345 BioGen MA Inc. The name of the applicant has been altered to **Biogen MA Inc.**

2020257792 University of Western Australia The name of the applicant has been altered to **The University of Western Australia**

2020262302 GPX Medical AB The name of the applicant has been altered to **Neola Medical AB**

2020396830 GPX Medical AB The name of the applicant has been altered to **Neola Medical AB**

2020406822 ProteomeTech Inc.; Yeoju-City The name of the applicant has been altered to **ProteomeTech Inc.**

2020421371 Anvy Technologies Inc. The name of the applicant has been altered to **Seapura Home Ltd.**

2021

2021207701 Inventprise, LLC The name of the applicant has been altered to **Inventprise, LLC; Bill & Melinda Gates Foundation**

2021234266 Adelwiggins Group, A Division of Transdigm Inc. The name of the applicant has been altered to **AdelWiggins Group, a Division of TransDigm Inc.**

2021254588 Nocimed, Inc.; The Regents of the University of California The name of the applicant has been altered to **Aclarion, Inc.; The Regents of the University of California**

2022

2022215265 A.R. Head Ventures LTD The name of the applicant has been altered to **MOTIVA CREATIVE LTD**

2022221548 BioGen MA Inc. The name of the applicant has been altered to **Biogen MA Inc.**

Applications Open to Public Inspection

Name Index

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

(71) 360 Knee Systems Pty Ltd
 (11) AU-A-2022221519
 (21) 2022221519 (22) 26.08.2022
 (54) Managing patients of knee surgeries
 (51) Int. Cl.
G06Q 50/22 (2018.01)

(43) 22.09.2022
 (62) 2016349941
 (72) BOGUE, Emily; TWIGGS, Joshua; THEODORE, Willy; MILES, Brad; O'CONNOR, Bede
 (74) FB Rice Pty Ltd

(71) 6 over 6 Vision Ltd.
 (11) AU-A-2022221512
 (21) 2022221512 (22) 25.08.2022
 (54) Apparatus, System and Method of Determining One or More Optical Parameters of a Lens
 (51) Int. Cl.
G01M 11/02 (2006.01)

(43) 22.09.2022
 (62) 2017210251
 (72) Limon, Ofer; Levy, Shahar; Zlotnik, Alexander; Aviv, Maya
 (74) James & Wells Intellectual Property

(71) 8ME NOVA, LLC
 (11) AU-A-202224727
 (21) 202224727 (22) 30.08.2022
 (54) METHOD FOR DETERMINING AND MANAGING POTENTIAL ELECTRICAL OUTPUT OF INTEGRATED RENEWABLE ENERGY SOURCE AND ENERGY STORAGE SYSTEM FACILITY
 (51) Int. Cl.

H02J 3/04 (2006.01)
G06Q 50/06 (2012.01)
H02J 3/00 (2006.01)
H02S 40/38 (2014.01)
 (43) 22.09.2022
 (62) 2021218240
 (72) GARNEAU-HALLIDAY, Philippe; AKYOL, Bora; MONDAL, Rahul; HANSEN, Lukas; RAMESH, Gautham; CARPENTER, Brandon
 (74) RnB IP Pty Ltd

(71) AECOM (Delaware Corporation)
 (11) AU-A-202224744
 (21) 202224744 (22) 30.08.2022
 (54) Use of electrochemical oxidation for treatment of per-and polyfluoroalkyl substances (PFAS) in waste generated from sorbent and resin regeneration processes
 (51) Int. Cl.

C02F 1/467 (2006.01)
C02F 1/28 (2006.01)

C02F 1/42 (2006.01)
C02F 101/36 (2006.01)
 (43) 22.09.2022
 (62) 2017366425
 (72) Chiang, Dora (Sheau-Yun); A. Casson, Rachael; Liang, Shangtao
 (74) Michael Buck IP

(71) AeroVironment, Inc.
 (11) AU-A-202224716
 (21) 202224716 (22) 29.08.2022
 (54) Dynamic transmission control for a wireless network
 (51) Int. Cl.
H04W 72/04 (2009.01)

(43) 22.09.2022
 (62) 2020273375
 (72) GRABOWSKY, John F.; TOKUMARU, Philip T.; KNISKERN, Robert Jay; CURRENS, Nicholas S.; LEVINE Jr., Allan Lester
 (74) Spruson & Ferguson

(71) AgeneBio, Inc.
 (11) AU-A-202221476
 (21) 202221476 (22) 25.08.2022
 (54) Extended release pharmaceutical compositions of levetiracetam
 (51) Int. Cl.
A61K 9/20 (2006.01)
A61K 31/4015 (2006.01)

(43) 22.09.2022
 (62) 2021204465
 (72) GALLAGHER, Michela; ROSENZWEIG-LIPSON, Sharon; MELSOPP, Elsie; JAMES, Jack Lawrence; PAYIE, Kenneth Garry
 (74) Spruson & Ferguson

(71) Air Diffusion Agencies Pty Ltd
 (11) AU-A-202224750
 (21) 202224750 (22) 30.08.2022
 (54) MOUNTING IMPROVEMENTS FOR LED LIGHT PANELS
 (51) Int. Cl.
F21V 21/02 (2006.01)
F21V 21/008 (2006.01)
F21V 21/088 (2006.01)
F21Y 115/10 (2016.01)

(43) 22.09.2022
 (62) 2020267192
 (72) Threadgold, William Trevor
 (74) Madderns Pty Ltd

(71) Air Products and Chemicals, Inc.
 (11) AU-A-2022201354
 (21) 2022201354 (22) 28.02.2022
 (54) METHOD AND APPARATUS FOR MONITORING OPERATIONAL CHAR-

ACTERISTICS OF AN INDUSTRIAL GAS PLANT COMPLEX
 (51) Int. Cl.
G06N 20/00 (2019.01)
 (31) 17/193,040 (32) 05.03.21 (33) US
 (43) 22.09.2022
 (72) Mehta, Sanjay; Misra, Pratik
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Air Products and Chemicals, Inc.
 (11) AU-A-2022201356
 (21) 2022201356 (22) 28.02.2022
 (54) METHOD AND APPARATUS FOR MANAGING PREDICTED POWER RESOURCES FOR AN INDUSTRIAL GAS PLANT COMPLEX
 (51) Int. Cl.

G06N 20/00 (2019.01)
G05B 17/02 (2006.01)
G05B 23/02 (2006.01)
 (31) 17/193,029 (32) 05.03.21 (33) US
 (43) 22.09.2022
 (72) Mehta, Sanjay; Misra, Pratik
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Air Products and Chemicals, Inc.
 (11) AU-A-2022201358
 (21) 2022201358 (22) 28.02.2022
 (54) METHOD AND APPARATUS FOR CONTROLLING AN INDUSTRIAL GAS PLANT COMPLEX
 (51) Int. Cl.

F02C 9/42 (2006.01)
F02C 9/40 (2006.01)
G05B 17/02 (2006.01)
G05B 23/02 (2006.01)
G06N 20/00 (2019.01)
 (31) 17/193,052 (32) 05.03.21 (33) US
 (43) 22.09.2022
 (72) Mehta, Sanjay; Misra, Pratik
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Amgen Inc.
 (11) AU-A-2022221560
 (21) 2022221560 (22) 26.08.2022
 (54) TREM2 antigen binding proteins and uses thereof
 (51) Int. Cl.
C07K 16/18 (2006.01)
A61K 39/00 (2006.01)
A61K 39/395 (2006.01)
C07K 16/28 (2006.01)

(43) 22.09.2022
 (62) 2018254600
 (72) FOLTZ, Ian; SAMBASHIVAN, Shilpa; CHEN, Irwin; HARRIS, Susie Miki;

Applications Open to Public Inspection - Name Index cont'd

TOLEDO WARSHAVIAK, Dora;
DRIVER, Ian; LU, Daniel
(74) Spruson & Ferguson

(71) Amgen Inc.
(11) AU-A-2022224699
(21) 2022224699 **(22)** 29.08.2022
(54) Methods For Harvesting Mammalian Cell Cultures
(51) Int. Cl.
C12P 21/00 (2006.01)
C12M 1/00 (2006.01)
C12N 5/00 (2006.01)
(43) 22.09.2022
(62) 2020294155
(72) GOUDAR, Chetan; THARMALINGAM, Tharmala; LULL, Jonathan; COLE, Sean; SABO, Nicole; LIN, Henry
(74) WRAYS PTY LTD

(71) AMO Development, LLC
(11) AU-A-2022221554
(21) 2022221554 **(22)** 26.08.2022
(54) Method and apparatus for patterned plasma-mediated laser trephination of the lens capsule and three dimensional phaco-segmentation
(51) Int. Cl.
A61B 18/18 (2006.01)
(43) 22.09.2022
(62) 2021201609
(72) Mordaunt, David H.; Blumenkranz, Mark S.; Palanker, Daniel V.; Andersen, Dan E.
(74) FPA Patent Attorneys Pty Ltd

(71) Angel Group Co., Ltd.
(11) AU-A-2022224728
(21) 2022224728 **(22)** 30.08.2022
(54) Game management system
(51) Int. Cl.
A63F 1/18 (2006.01)
A63F 9/24 (2006.01)
(43) 22.09.2022
(62) 2021215222
(72) Shigeta, Yasushi
(74) Davies Collison Cave Pty Ltd

(71) Angel Group Co., Ltd.
(11) AU-A-2022224730
(21) 2022224730 **(22)** 30.08.2022
(54) Game management system
(51) Int. Cl.
A63F 1/18 (2006.01)
A63F 9/24 (2006.01)
(43) 22.09.2022
(62) 2021215222
(72) Shigeta, Yasushi
(74) Davies Collison Cave Pty Ltd

(71) Apple Inc.
(11) AU-A-2022221466
(21) 2022221466 **(22)** 24.08.2022
(54) User interfaces for capturing and managing visual media
(51) Int. Cl.

G06F 3/048 (2013.01)
(43) 22.09.2022
(62) 2022202377
(72) Paul, Grant; Preston, Daniel Trent; Sorrentino III, William A.; Souza Dos Santos, Andre; Brasket, Jeffrey A.; Jensen, Rasmus R.; Manzari, Behkish J.; Broughton, Lee S.; McCormack, Jonathan; Hubel, Paul; Hankey, Martha E.; Girling, Lukas Robert Tom; Lupinetti, Nicholas; Federighi, Craig M.; Dye, Alan C.; Deshpande, Alok
(74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
(11) AU-A-2022224714
(21) 2022224714 **(22)** 29.08.2022
(54) Devices and methods for interacting with an application switching user interface
(51) Int. Cl.
G06F 3/0488 (2022.01)
G06F 3/0483 (2013.01)
(43) 22.09.2022
(62) 2021204178
(72) Kedia, Shubham; Walkin, Brandon M.; Alonso Ruiz, Marcos; Karunamuni, Chanaka G.
(74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
(11) AU-A-2022224726
(21) 2022224726 **(22)** 30.08.2022
(54) Portable multifunction device with interface reconfiguration mode
(51) Int. Cl.
G06F 3/048 (2013.01)
(43) 22.09.2022
(62) 2021201687
(72) HERZ, Scott; CHAUDHRI, Imran; CHRISTIE, Greg
(74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
(11) AU-A-2022224773
(21) 2022224773 **(22)** 31.08.2022
(54) Voice trigger for a digital assistant
(51) Int. Cl.
G10L 17/24 (2013.01)
G06F 3/16 (2006.01)
(43) 22.09.2022
(62) 2022203177
(72) BINDER, Justin G.; TACKIN, Onur; POST, Samuel D.; GRUBER, Thomas R.
(74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
(11) AU-A-2022224789
(21) 2022224789 **(22)** 31.08.2022
(54) Voice trigger for a digital assistant
(51) Int. Cl.
G10L 17/24 (2013.01)
G06F 3/16 (2006.01)

(43) 22.09.2022
(62) 2022203177
(72) BINDER, Justin G.; TACKIN, Onur; POST, Samuel D.; GRUBER, Thomas R.
(74) FPA Patent Attorneys Pty Ltd

(71) Applied Medical Resources Corporation
(11) AU-A-2022221430
(21) 2022221430 **(22)** 23.08.2022
(54) Simulated dissectible tissue
(51) Int. Cl.
G09B 23/30 (2006.01)
(43) 22.09.2022
(62) 2016358076
(72) Hofstetter, Gregory K.; Breslin, Tracy; Black, Katie; Felsing, Natasha
(74) Griffith Hack

(71) Applied Medical Resources Corporation
(11) AU-A-2022221544
(21) 2022221544 **(22)** 26.08.2022
(54) Systems and methods for tissue removal
(51) Int. Cl.
A61B 17/34 (2006.01)
A61B 17/00 (2006.01)
A61B 17/32 (2006.01)
A61B 17/02 (2006.01)
A61B 17/3211 (2006.01)

(43) 22.09.2022
(62) 2020281010
(72) WIXEY, Matthew A.; YOUNG, Wayne; CASTELO, Kevin B.; HOKE, Adam; HOFSTETTER, Greg; DEMARCHI, Jacqueline; GARCES, Amy; HOLMES, Heidi; SHEEHAN, Alexander; WACHLI, Serene; BRESLIN, Tracy; KESSLER, Steven C.; POULSEN, Nikolai; COLLINS, Nathan; DO, Alexandra; BOLANOS, Eduardo; PRAVONG, Boun; FILEK, Jacob; ELLIOTT, Patrick
(74) Griffith Hack

(71) Applied Medical Resources Corporation
(11) AU-A-2022221572
(21) 2022221572 **(22)** 26.08.2022
(54) Multifunctional surgical access system
(51) Int. Cl.
A61B 17/34 (2006.01)
A61B 17/02 (2006.01)

(43) 22.09.2022
(62) 2020201357
(72) JOHNSON, Gary M.; ALBRECHT, Jeremy J.; BECERRA, Matthew M.; BRUSTAD, John R.; SAKAKINE, Ghasan; NGUYEN, Eric
(74) Griffith Hack

(71) Aristocrat Technologies, Inc.
(11) AU-A-2022201432
(21) 2022201432 **(22)** 02.03.2022
(54) SYSTEMS AND METHODS FOR UTILIZING HISTORICAL GAME DATA FOR SUBSEQUENT GAMEPLAY
(51) Int. Cl.
G07F 17/32 (2006.01)

Applications Open to Public Inspection - Name Index cont'd

- (31) 17/679,578 (32) 24.02.22 (33) US (43) 22.09.2022
63/155,640 02.03.21 US (72) Molloy, Bryce Alan
(43) 22.09.2022 (74) Ellis Terry
-
- (71) Aristocrat Technologies, Inc.
(11) AU-A-2022201464
(21) 2022201464 (22) 03.03.2022
(54) SLOT TYPE GAMES WITH DYNAMIC PAYLINES AND DYNAMIC PAYLINE MODIFIERS
(51) Int. Cl.
G07F 17/34 (2006.01)
(31) 17/490,020 (32) 30.09.21 (33) US
63/156,805 04.03.21 US
(43) 22.09.2022
(72) MARKS, Daniel; XU, Hua; MARSH, David; ROELOFS, Karl; LAMB, William
(74) Griffith Hack
-
- (71) Aristocrat Technologies, Inc.
(11) AU-A-2022201473
(21) 2022201473 (22) 03.03.2022
(54) SYSTEMS AND METHODS FOR COLLECTING GAME PLAY ENHANCERS FOR ENHANCING A BONUS GAME
(51) Int. Cl.
G07F 17/32 (2006.01)
A63F 13/50 (2014.01)
(31) 17/679,899 (32) 24.02.22 (33) US
63/156,719 04.03.21 US
(43) 22.09.2022
(72) BOLLING Jr., T. Grant; TAYLOR, Eric
(74) Griffith Hack
-
- (71) Array BioPharma Inc.
(11) AU-A-202221514
(21) 202221514 (22) 25.08.2022
(54) PYRAZOLO[3,4-b]PYRIDINE COMPOUNDS AS INHIBITORS OF TAM AND MET KINASES
(51) Int. Cl.
C07D 471/04 (2006.01)
A61K 31/437 (2006.01)
A61P 35/00 (2006.01)
(43) 22.09.2022
(62) 2019330017
(72) ALLEN, Shelley; BARBOUR, Patrick; DAHLKE, Joshua; GAUDINO, John; MCNULTY, Oren T.; ZHAO, Qian; COOK, Adam; LAIRD, Ellen; HINKLIN, Ronald Jay
(74) Davies Collison Cave Pty Ltd
-
- (71) Assa Abloy New Zealand Limited
(11) AU-A-2022201516
(21) 2022201516 (22) 04.03.2022
(54) FURNITURE WITH A LATERALLY MOVABLE HAND-OPERABLE MEMBER FOR A MORTISE LOCK ASSEMBLY IN A SLIDING PANEL
(51) Int. Cl.
E05B 1/00 (2006.01)
E05B 63/08 (2006.01)
E05B 65/08 (2006.01)
(31) 2021900622 (32) 05.03.21 (33) AU
-
- (71) ATI Properties LLC
(11) AU-A-202224763
(21) 202224763 (22) 31.08.2022
(54) CREEP RESISTANT TITANIUM ALLOYS
(51) Int. Cl.
C22C 14/00 (2006.01)
C22F 1/18 (2006.01)
(43) 22.09.2022
(62) 2019350496
(72) BRYAN, David J.; MANTIONE, John V.; GARCIA-AVILA, Matias
(74) K&L Gates
-
- (71) AVI Pty Ltd
(11) AU-A-2022201460
(21) 2022201460 (22) 02.03.2022
(54) Modular RF Shielded Enclosure
(51) Int. Cl.
H05K 9/00 (2006.01)
E04B 1/61 (2006.01)
E04B 2/00 (2006.01)
E04B 1/343 (2006.01)
E04B 1/92 (2006.01)
E04C 2/08 (2006.01)
E04C 2/38 (2006.01)
(31) 2021900595 (32) 03.03.21 (33) AU
(43) 22.09.2022
(72) Wamsley, Timothy
(74) WRAYS PTY LTD
-
- (71) BASE BATHROOM PODS PTY LIMITED
(11) AU-A-2022201502
(21) 2022201502 (22) 03.03.2022
(54) Method & System for Installing a Plumbing Connection between a Prefabricated Building Structure and a Building Structure
(51) Int. Cl.
E03C 1/12 (2006.01)
E03F 5/04 (2006.01)
E04B 1/343 (2006.01)
E04B 1/348 (2006.01)
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(74) Caska Intellectual Property Pty Ltd
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(21) 202224796 (22) 31.08.2022
(54) Stabilized polyolefin compositions comprising benzofuranones and hindered amine light stabilizers
(51) Int. Cl.
C07F 9/655 (2006.01)
C08K 5/04 (2006.01)
C08K 5/529 (2006.01)
(43) 22.09.2022
(62) 2018297119
(72) HOELZL, Werner; KING III, Roswell E.
(74) Griffith Hack
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(21) 2022200999 (22) 15.02.2022
(54) Drum for Transporting and/or Storing Batteries and the Use of Such a Drum
(51) Int. Cl.
H01M 50/342 (2021.01)
H01M 50/24 (2021.01)
H01M 50/383 (2021.01)
(31) BE 2021/5165 (32) 04.03.21 (33) BE
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(72) Hendrickx, Hendrik
(74) Eagar & Associates Pty Ltd
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- (71) Beckman Coulter, Inc.
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(54) Polymer dye modification and applications
(51) Int. Cl.
C08G 61/12 (2006.01)
C08G 61/00 (2006.01)
C09K 11/06 (2006.01)
G01N 33/533 (2006.01)
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(74) Spruson & Ferguson
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(21) 2022218539 (22) 18.08.2022
(54) Universal cap for male and female connectors
(51) Int. Cl.
A61M 39/16 (2006.01)
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(43) 22.09.2022
(62) 2020214784
(72) RYAN, Kevin M.
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(51) Int. Cl.
G01V 1/28 (2006.01)
G01V 1/30 (2006.01)
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(43) 22.09.2022
(72) Xue, Aimin
(74) Madderns Pty Ltd
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(11) AU-A-202221446
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(54) Rho-associated protein kinase inhibitor, pharmaceutical composition comprising same, and preparation method and use thereof

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C07D 401/14 (2006.01)
A61K 31/416 (2006.01)
A61K 31/506 (2006.01)
A61P 29/00 (2006.01)
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C07D 409/14 (2006.01)
C07D 413/14 (2006.01)
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(74) FB Rice Pty Ltd
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B64D 11/02 (2006.01)
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(54) Imidazole-containing inhibitors of ALK2 kinase
(51) Int. Cl.
C07D 233/54 (2006.01)
A61K 31/417 (2006.01)
A61K 31/4184 (2006.01)
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C07D 239/12 (2006.01)
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(74) FB Rice Pty Ltd
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(51) Int. Cl.
A61K 39/05 (2006.01)
A61K 31/225 (2006.01)
A61K 39/09 (2006.01)
A61P 25/28 (2006.01)
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(72) VIGLIETTA, Vissia
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(54) COMBINATION THERAPY COMPOSITIONS AND METHODS FOR TREATING CANCERS
(51) Int. Cl.
A61K 45/06 (2006.01)
A61K 39/395 (2006.01)
A61K 48/00 (2006.01)
A61P 35/00 (2006.01)
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(21) 2022224751 (22) 30.08.2022
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H01L 31/042 (2014.01)
E04D 13/18 (2018.01)
H02S 20/23 (2014.01)
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(54) Power generation systems and methods regarding same
(51) Int. Cl.
C01B 3/00 (2006.01)
H01M 14/00 (2006.01)
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(54) Apparatus and method for filtering
(51) Int. Cl.
A61B 1/313 (2006.01)
A61B 17/34 (2006.01)
B01D 46/00 (2022.01)
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(62) 2019385568
(72) SHVETSOV, Kyrylo; PEPE, Gregory; BONANO, Samantha
(74) Griffith Hack
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E04F 15/02 (2006.01)
E04B 5/00 (2006.01)
E04F 13/21 (2006.01)
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A01B 63/32 (2006.01)
A01B 49/02 (2006.01)
A01B 49/06 (2006.01)
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(72) Richardson, Garry
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(54) Systems and methods for extracting text from portable document format data
(51) Int. Cl.
G06F 40/109 (2020.01)
G06F 40/279 (2020.01)
G06V 30/414 (2022.01)
G06V 30/416 (2022.01)
G06V 30/413 (2022.01)
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(72) Schwiebert, Stephan; Yanchina, Velislava; Iguaro, Henry; Bennett, Andrew
(74) FPA Patent Attorneys Pty Ltd
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(54) Systems and methods for extracting text from portable document format data
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G06F 40/268 (2020.01)
G06F 40/126 (2020.01)
G06F 40/189 (2020.01)
G06V 30/244 (2022.01)
G06V 30/414 (2022.01)
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(74) FPA Patent Attorneys Pty Ltd
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A61N 1/05 (2006.01)
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(74) ACROGON GROUP PTY LTD
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(11) AU-A-2022201258
(21) 2022201258 (22) 24.02.2022
(54) FUEL INJECTOR AND FUEL SYSTEM HAVING INTEGRAL FILTER SUPPORTED IN VALVE SEAT PLATE, AND VALVE SEAT PLATE AND FILTER ASSEMBLY
(51) Int. Cl.
F02M 61/16 (2006.01)
F02M 47/02 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd
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C07C 229/16 (2006.01)
C07F 7/10 (2006.01)
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(54) SYSTEM FOR MANAGING A WIRELESS LOTTERY
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A63F 9/24 (2006.01)
G06Q 20/32 (2012.01)
H04M 11/00 (2006.01)
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(72) Bahrapour, Robert; Asher, Joseph M.
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(11) AU-A-2022224724
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G06Q 40/00 (2012.01)
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(62) 2020227062
(72) Loveless, Jacob
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(51) Int. Cl.
G01V 1/28 (2006.01)
G01V 99/00 (2009.01)
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(62) 2019420619
(72) OSYPOV, Konstantin; LIU, Huafeng; HILL, Norman Ross; JOHNSON, Daniel
(74) FPA Patent Attorneys Pty Ltd
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(51) Int. Cl.
B65G 19/20 (2006.01)
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(74) Baxter Patent Attorneys Pty Ltd
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(51) Int. Cl.
C07K 14/195 (2006.01)
C12N 9/38 (2006.01)
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(62) 2018251967
(72) RAJ, Hans; SMITH, Pernille; ECKHARDT, Thomas; VOJINOVIC, Vojislav; SCHÖLLER, Charlotte Elisabeth Grüner; VAN DEN BRINK, Johannes Maarten
(74) Spruson & Ferguson
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(11) AU-A-2022206727
(21) 2022206727 (22) 19.07.2022
(54) Lactase enzymes with improved activity at low temperatures
(51) Int. Cl.
C07K 14/195 (2006.01)

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(11) AU-A-2022221384
(21) 2022221384 (22) 22.08.2022
(54) Use of Nicotinic acid Riboside or Nicotinamide Riboside derivatives, and reduced derivatives thereof, as nad+ increasing precursors
(51) Int. Cl.
A61K 31/706 (2006.01)
A61K 31/44 (2006.01)
A61K 31/7052 (2006.01)
A61P 43/00 (2006.01)
C07H 19/00 (2006.01)
C07H 19/04 (2006.01)
C07H 19/048 (2006.01)
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(74) PIPERS
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(21) 2022224765 (22) 31.08.2022
(54) Camera control
(51) Int. Cl.
A61B 34/30 (2016.01)
(43) 22.09.2022
(62) 2019224647
(72) DEANE, Gordon Thomas; MARSHALL, Keith; CUTHBERTSON, Rebecca Anne
(74) Griffith Hack
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(11) AU-A-2022224785
(21) 2022224785 (22) 31.08.2022
(54) Camera Control
(51) Int. Cl.
A61B 34/30 (2016.01)
(43) 22.09.2022
(62) 2019224647
(72) DEANE, Gordon Thomas; CUTHBERTSON, Rebecca Anne; MARSHALL, Keith
(74) Griffith Hack
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- (71) Colhoun, G.
(11) AU-A-2022224786
(21) 2022224786 (22) 31.08.2022
(54) Systems and methods for facilitating secure electronic transactions
(51) Int. Cl.
G06Q 20/08 (2012.01)
G06Q 20/40 (2012.01)
G06Q 30/06 (2012.01)

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 (72) Colhoun, Grant; Farago, David; Kendall, Noel
 (74) FB Rice Pty Ltd
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- (71) ConocoPhillips Company; University of Kansas
 (11) AU-A-2022221461
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 (54) DELAYED GELATION OF POLYMERS
 (51) Int. Cl.
C09K 8/588 (2006.01)
C09K 8/60 (2006.01)
E21B 43/22 (2006.01)
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 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) Contextflow GmbH
 (11) AU-A-2022221439
 (21) 2022221439 (22) 24.08.2022
 (54) Method and a system for creating a medical image database by means of a convolutional neural network
 (51) Int. Cl.
G06V 10/44 (2022.01)
G06F 16/55 (2019.01)
G16H 30/20 (2018.01)
G16H 30/40 (2018.01)
 (43) 22.09.2022
 (62) 2017365608
 (72) Donner, Rene
 (74) FB Rice Pty Ltd
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- (71) Coronado Aesthetics, LLC
 (11) AU-A-2022224698
 (21) 2022224698 (22) 29.08.2022
 (54) Methods of treating skin conditions using plasmonic nanoparticles
 (51) Int. Cl.
A61K 8/02 (2006.01)
A61K 8/19 (2006.01)
A61K 8/29 (2006.01)
A61Q 19/00 (2006.01)
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 (62) 2016354589
 (72) Paithankar, Dilip
 (74) Davies Collison Cave Pty Ltd
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- (71) Cosmos Solar Pty Ltd
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 (54) A HOTPLATE ASSEMBLY FOR AN ELECTRIC BARBEQUE
 (51) Int. Cl.
A47J 37/07 (2006.01)
H05B 3/68 (2006.01)
 (31) 2021900611 (32) 04.03.21 (33) AU
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 (72) Kimmins, Russell Wayne; Hurley, Peter Damien
 (74) Jogias Patent & Trade Marks Attorneys

- (71) Crane & Co., Inc.
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 (21) 2022221549 (22) 26.08.2022
 (54) Use of nanoparticles to tune index of refraction of layers of a polymeric matrix to optimize microoptic (MO) focus
 (51) Int. Cl.
B42D 25/29 (2014.01)
B42D 25/30 (2014.01)
B42D 25/351 (2014.01)
B42D 25/373 (2014.01)
G02B 27/10 (2006.01)
G02B 27/16 (2006.01)
 (43) 22.09.2022
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 (72) GETTENS, Nancy J.; GOSNELL, Jonathan D.; MCALLISTER, Michael; DICKERSON, Pearl N.
 (74) Spruson & Ferguson
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- (71) Creatics LLC
 (11) AU-A-2022224782
 (21) 2022224782 (22) 31.08.2022
 (54) Methods and compositions for detecting pancreatic cancer
 (51) Int. Cl.
G01N 33/574 (2006.01)
 (43) 22.09.2022
 (62) 2020202066
 (72) ROCKER, Jana; PANNELL, Lewis K.
 (74) Davies Collison Cave Pty Ltd
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- (71) Cripps Clark, J.
 (11) AU-A-2022224795
 (21) 2022224795 (22) 31.08.2022
 (54) SingleMake : Systems with devices using advanced digital technologies including block chain suitable at small to large scales including outdoor or home based products and services with access to higher-volume digital trade. Online AI-learning functions help develop business documentation, models, administration schemes and interpretative reading tools for inwards processing, production and dispatch with assisted selling strategies for digital and "normal" products and services as well as an inward and outward Product - Time And Place" digital inquiry negotiation protocol.
 (51) Int. Cl.
G16Y 30/10 (2020.01)
G06Q 10/10 (2012.01)
H04W 12/06 (2021.01)
G06F 11/30 (2006.01)
G06F 21/50 (2013.01)
H04L 43/10 (2022.01)
H04L 67/12 (2022.01)
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 (72) Cripps Clark, Julianne
 (74) Julianne Mary Cripps Clark
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- (71) Crop Enhancement, Inc.
 (11) AU-A-2022224721

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 (54) NONTOXIC COATING CONCENTRATES FOR AGRICULTURAL USES
 (51) Int. Cl.
A01N 25/02 (2006.01)
A01N 25/04 (2006.01)
A01N 25/24 (2006.01)
A01N 47/30 (2006.01)
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 (72) Flores, Jonathan; Hajduk, Damian; Newton, Turner; Rifai, Sandra; Mahoney, Robert P.; Soane, David S.; Portilla, Rosa Casado; Bosley, Matthew A.
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) CTS System Co., Ltd.; Um, T.J.
 (11) AU-A-2022224774
 (21) 2022224774 (22) 31.08.2022
 (54) Triaxial dome-type surveillance camera
 (51) Int. Cl.
H04N 7/18 (2006.01)
H04N 5/225 (2006.01)
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 (72) UM, Tae Jun
 (74) Eagar & Associates Pty Ltd
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 (11) AU-A-2022200697
 (21) 2022200697 (22) 03.02.2022
 (54) System and method for terrain based control of self-propelled work vehicles
 (51) Int. Cl.
G05D 1/02 (2020.01)
E02F 3/43 (2006.01)
E02F 9/20 (2006.01)
G05D 13/58 (2006.01)
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 (74) Davies Collison Cave Pty Ltd
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- (71) Deere & Company
 (11) AU-A-2022200732
 (21) 2022200732 (22) 04.02.2022
 (54) Row unit plugging detection and control system
 (51) Int. Cl.
A01C 7/10 (2006.01)
 (31) 17/194,736 (32) 08.03.21 (33) US
 (43) 22.09.2022
 (72) Bouffleur, Fabio P.; Christmann, Marlon L.; Hubner, Cary S.
 (74) Davies Collison Cave Pty Ltd
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 (54) Mobility device control system
 (51) Int. Cl.
G05B 13/04 (2006.01)

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(74) Griffith Hack

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(54) On-board weighing system
(51) Int. Cl.
G01G 19/14 (2006.01)
B60G 5/047 (2006.01)
B60G 5/053 (2006.01)
B60G 11/10 (2006.01)
F16C 11/12 (2006.01)
G01G 3/08 (2006.01)
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(62) 2016312954
(72) Dekker, Alexander; Dekker, Barry John
(74) WRAYS PTY LTD

(71) Devico AS
(11) AU-A-2021212011
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(54) SURVEY SYSTEM FOR BLAST HOLE DRILLING RIGS
(51) Int. Cl.
E21B 47/022 (2012.01)
(31) 2021900636 **(32)** 05.03.21 **(33)** AU
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(72) Ayris, Michael; Flam, John T.; Butler, Alexander; Lovo, Arnstein; Lindhjem, Rune
(74) WRAYS PTY LTD

(71) Dexcom, Inc.
(11) AU-A-202224705
(21) 202224705 **(22)** 29.08.2022
(54) Systems and methods for leveraging smartphone features in continuous glucose monitoring
(51) Int. Cl.
G06F 19/00 (2018.01)
(43) 22.09.2022
(62) 2020204473
(72) MENSINGER, Michael Robert; COHEN, Eric; ESTES, Michael J.; VALDES, Jorge; STEELE, Alexander; SIMPSON, Peter C.; SAN VICENTE, Kenneth; REIHMAN, Eli; PRYOR, Jack; MAHALINGAM, Aarthi; KAZALBASH, Murrad; RACK-GOMER, Anna Leigh; HAMPAPURAM, Hari; HALL, Thomas; HALL, Ashley; GAUBA, Indrawati; GARCIA, Arturo; DERENZY, David; CARLTON, Alexandra Lynn; BHAVARAJU, Naresh C.; BOWMAN, Leif N.
(74) FB Rice Pty Ltd

(71) DJO, LLC
(11) AU-A-202224710
(21) 202224710 **(22)** 29.08.2022

(54) BRACE HINGE WITH TELESCOPING PAD
(51) Int. Cl.
A61F 5/01 (2006.01)
(43) 22.09.2022
(62) 2017281226
(72) Simons, Isabel; Nathanson, Jeremy
(74) Michael Buck IP

(71) Dräger Safety AG & Co. KGaA
(11) AU-A-2022201394
(21) 2022201394 **(22)** 01.03.2022
(54) System for Analyzing Data as Well as Mobile Gas Measuring Device as Well as Data Processing Unit for Such a System
(51) Int. Cl.
G01N 1/22 (2006.01)
G01M 3/00 (2006.01)
G06Q 50/06 (2012.01)
G08B 21/12 (2006.01)
(31) 102021105015.4 **(32)** 02.03.21 **(33)** DE
(43) 22.09.2022
(72) BERNDT, Malte; RODEHORST, Christof; MAAS, Raphael
(74) Houlihan² Pty Ltd

(71) Dräger Safety AG & Co. KGaA
(11) AU-A-2022201395
(21) 2022201395 **(22)** 01.03.2022
(54) Process for Analyzing Data of at Least One Mobile Gas Measuring Device and of a Stationary Gas Measuring Device as Well as System for Monitoring at Least One Gas Concentration
(51) Int. Cl.
G01M 3/16 (2006.01)
F17D 3/18 (2006.01)
G08B 21/16 (2006.01)
(31) 102021105014.6 **(32)** 02.03.21 **(33)** DE
(43) 22.09.2022
(72) BERNDT, Malte; RODEHORST, Christof; MAAS, Raphael
(74) Houlihan² Pty Ltd

(71) Duke University
(11) AU-A-202224766
(21) 202224766 **(22)** 31.08.2022
(54) Compositions and methods for robust dynamic metabolic control
(51) Int. Cl.
C12N 1/00 (2006.01)
C12N 1/21 (2006.01)
C12N 15/09 (2006.01)
(43) 22.09.2022
(62) 2018224036
(72) LYNCH, Michael David; YE, Zhixia
(74) Spruson & Ferguson

(71) Ecolab USA Inc.
(11) AU-A-202221481
(21) 202221481 **(22)** 25.08.2022
(54) Stable percarboxylic acid compositions and uses thereof
(51) Int. Cl.
C02F 1/50 (2006.01)
C09K 3/32 (2006.01)

(43) 22.09.2022
(62) 2020223668
(72) LI, Junzhong; MCSHERRY, David; BREWSTER, Allison; STAUB, Richard; DE PAULA, Renato; BOLDUC, John Wilhelm; RYTHOR, Robert J.; KEASLER, Victor V.
(74) Spruson & Ferguson

(71) Emerging Compounds Treatment Technologies, Inc.
(11) AU-A-202221525
(21) 202221525 **(22)** 26.08.2022
(54) A SUSTAINABLE SYSTEM AND METHOD FOR REMOVING AND CONCENTRATING PER-AND POLY-FLUOROALKYL SUBSTANCES (PFAS) FROM WATER
(51) Int. Cl.
C02F 1/42 (2006.01)
C02F 1/58 (2006.01)
(43) 22.09.2022
(62) 2020213340
(72) Nickelsen, Michael G.; Woodard, Steven E.
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Emerging Compounds Treatment Technologies, Inc.
(11) AU-A-202221526
(21) 202221526 **(22)** 26.08.2022
(54) A SUSTAINABLE SYSTEM AND METHOD FOR REMOVING AND CONCENTRATING PER-AND POLY-FLUOROALKYL SUBSTANCES (PFAS) FROM WATER
(51) Int. Cl.
C02F 1/42 (2006.01)
C02F 1/58 (2006.01)
(43) 22.09.2022
(62) 2020213340
(72) Nickelsen, Michael G.; Woodard, Steven E.
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Emerging Compounds Treatment Technologies, Inc.
(11) AU-A-202221527
(21) 202221527 **(22)** 26.08.2022
(54) A SUSTAINABLE SYSTEM AND METHOD FOR REMOVING AND CONCENTRATING PER-AND POLY-FLUOROALKYL SUBSTANCES (PFAS) FROM WATER
(51) Int. Cl.
C02F 1/42 (2006.01)
C02F 1/58 (2006.01)
(43) 22.09.2022
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(72) Nickelsen, Michael G.; Woodard, Steven E.
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Envisics Ltd
(11) AU-A-2022200973
(21) 2022200973 **(22)** 14.02.2022
(54) Head-up display

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G02B 27/01 (2006.01)
G03H 1/02 (2006.01)
(31) 2103148.9 (32) 05.03.21 (33) GB
(43) 22.09.2022
(72) CHRISTMAS, Jamieson; MILLS, Gary;
SPURR, Michael; MOLINA, Daniel
(74) FB Rice Pty Ltd

(71) enVveno Medical Corporation
(11) AU-A-2022224694
(21) 2022224694 (22) 29.08.2022
(54) Implantable vein frame
(51) Int. Cl.
A61F 2/86 (2013.01)
A61F 2/04 (2013.01)
A61F 2/06 (2013.01)
A61F 2/24 (2006.01)
A61F 2/82 (2013.01)
(43) 22.09.2022
(62) 2017361085
(72) Glickman, Marc; Montoya, Susan I.;
Zhivilo, Yury
(74) Griffith Hack

(71) Epizyme, Inc.
(11) AU-A-2022221580
(21) 2022221580 (22) 29.08.2022
(54) METHOD FOR TREATING CANCER
(51) Int. Cl.
A61K 31/4412 (2006.01)
A61P 35/00 (2006.01)
A61P 37/04 (2006.01)
A61P 43/00 (2006.01)
(43) 22.09.2022
(62) 2021200995
(72) Keilhack, Heike
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Equifax, Inc.; Bloomquist, E.; Whittenberg, C.; Bertolino, M.
(11) AU-A-2022224756
(21) 2022224756 (22) 31.08.2022
(54) Managing verification repositories to facilitate real-time servicing of verification queries
(51) Int. Cl.
G06F 21/30 (2013.01)
G06F 21/60 (2013.01)
H04L 67/02 (2022.01)
H04L 67/06 (2022.01)
(43) 22.09.2022
(62) 2017410919
(72) Bloomquist, Eric; Whittenberg, Chad; Bertolino, Martin
(74) FB Rice Pty Ltd

(71) Factor Bioscience Inc.
(11) AU-A-2022224788
(21) 2022224788 (22) 31.08.2022
(54) Methods and products for transfecting cells
(51) Int. Cl.
A61K 48/00 (2006.01)
C07H 21/02 (2006.01)
C12N 15/00 (2006.01)

(43) 22.09.2022
(62) 2022204659
(72) Rohde, Christopher; Angel, Matthew
(74) ALLENS PATENT & TRADE MARK ATTORNEYS

(71) Fiber Sense Limited
(11) AU-A-2022221467
(21) 2022221467 (22) 24.08.2022
(54) Method and system for distributed acoustic sensing
(51) Int. Cl.
G01D 5/353 (2006.01)
G01H 9/00 (2006.01)
G01N 21/47 (2006.01)
G08B 13/186 (2006.01)
(43) 22.09.2022
(62) 2020204562
(72) Englund, Mark Andrew
(74) FPA Patent Attorneys Pty Ltd

(71) Fisher & Paykel Healthcare Limited
(11) AU-A-2022224771
(21) 2022224771 (22) 31.08.2022
(54) NASAL SEAL AND RESPIRATORY INTERFACE
(51) Int. Cl.
A61M 16/06 (2006.01)
A62B 18/02 (2006.01)
(43) 22.09.2022
(62) 2017283771
(72) Hocking, Jake Baker; Sng, Jonathan Tong Lok; Gardiola, Arvin San Jose; Heffernan, Stephen Francis; Lynch, Christine Marie; Huang, Wen Dong; Bornholdt, Melissa Catherine; Spear, Tony William; Young, Jeremy Owen
(74) AJ PARK

(71) FISHER & PAYKEL HEALTHCARE LIMITED
(11) AU-A-2022224755
(21) 2022224755 (22) 31.08.2022
(54) NASAL SEAL AND RESPIRATORY INTERFACE
(51) Int. Cl.
A61M 16/06 (2006.01)
A62B 18/02 (2006.01)
(43) 22.09.2022
(62) 2020257102
(72) SIEW, Silas Sao Jin; GALGALI, Amit; THOMPSON, Mark Andrew; GRAHAM, Ryan Anthony; SINTIVE, Bruno; ALLAN, Olivia Marie
(74) AJ PARK

(71) Foundation Medicine, Inc.
(11) AU-A-2022204826
(21) 2022204826 (22) 05.07.2022
(54) Multigene analysis of tumor samples
(51) Int. Cl.
C12Q 1/68 (2018.01)
A61K 39/395 (2006.01)
C40B 20/00 (2006.01)
C40B 20/04 (2006.01)
C40B 40/06 (2006.01)
C40B 50/00 (2006.01)

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(62) 2015357573
(72) Otto, Geoffrey Alan; Nahas, Michelle; Lipson, Doron
(74) FB Rice Pty Ltd

(71) Fusetec 3D Pty Ltd
(11) AU-A-2022204897
(21) 2022204897 (22) 04.03.2022
(54) Surgical airway mask
(51) Int. Cl.
A61M 16/06 (2006.01)
(31) 2021900634 (32) 05.03.21 (33) AU
(43) 22.09.2022
(72) ROE, Mark; SOBEY, Samuel
(74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD

(71) Genzyme Corporation
(11) AU-A-2022221495
(21) 2022221495 (22) 25.08.2022
(54) Methods and systems for processing a cell culture
(51) Int. Cl.
C12M 1/00 (2006.01)
(43) 22.09.2022
(62) 2020202568
(72) Konstantinov, Konstantin; Yin, Jin; Yu, Marcella; Wright, Benjamin; Zhou, Hang
(74) Griffith Hack

(71) Geo-Pro-Teq IP Pty Ltd
(11) AU-A-202221569
(21) 202221569 (22) 26.08.2022
(54) A COMPUTER SYSTEM AND A COMPUTER IMPLEMENTED METHOD FOR PROCESSING GAMING DATA
(51) Int. Cl.
G06Q 50/34 (2012.01)
(43) 22.09.2022
(62) 2018241249
(72) TE WANI, Bryan; KLANDER, Lars; MCQUEEN, Jason
(74) Baxter Patent Attorneys Pty Ltd

(71) Gooden, A.
(11) AU-A-2022200372
(21) 2022200372 (22) 20.01.2022
(54) Heat shield
(51) Int. Cl.
B60J 1/20 (2006.01)
(31) 2021900615 (32) 04.03.21 (33) AU
(43) 22.09.2022
(72) Gooden, Andrew
(74) LESICAR MAYNARD ANDREWS PTY LTD

(71) Google LLC
(11) AU-A-202221389
(21) 202221389 (22) 22.08.2022
(54) ATTENTION-BASED SEQUENCE TRANSDUCTION NEURAL NETWORKS
(51) Int. Cl.
G06N 3/04 (2006.01)
G06N 3/08 (2006.01)

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 (62) 2020213317
 (72) Vaswani, Ashish Teku; Polosukhin, Illia; Parmar, Niki J.; Jones, Liion Owen; Uszkoreit, Jakob D.; Kaiser, Lukasz Mieczyslaw; Shazeer, Noam M.; Gomez, Aidan Nicholas
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Google LLC
 (11) AU-A-2022221524
 (21) 2022221524 (22) 26.08.2022
 (54) TAILORING AN INTERACTIVE DIALOG APPLICATION BASED ON CREATOR PROVIDED CONTENT
 (51) Int. Cl.
 G06F 9/451 (2018.01)
 G06F 17/00 (2019.01)
 G10L 15/22 (2006.01)
 G10L 17/22 (2013.01)

(43) 22.09.2022
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 (72) First, Uri; Williams, Joshua; Nicholls, Leon; Stocker, Nandini
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Griffith University
 (11) AU-A-2022224759
 (21) 2022224759 (22) 31.08.2022
 (54) Diagnostic methods
 (51) Int. Cl.
 C12Q 1/68 (2018.01)
 (43) 22.09.2022
 (62) 2016257772
 (72) MARSHALL-GRADISNIK, Sonya M.; STAINES, Donald R.; SMITH, Peter Kenneth
 (74) Spruson & Ferguson

(71) Halliburton Energy Services, Inc.
 (11) AU-A-2022221502
 (21) 2022221502 (22) 25.08.2022
 (54) PASSIVE RANGING TO A TARGET WELL USING A FIBER OPTIC RANGING ASSEMBLY
 (51) Int. Cl.
 E21B 47/022 (2012.01)
 E21B 47/0224 (2012.01)
 E21B 47/07 (2012.01)
 E21B 49/08 (2006.01)
 (43) 22.09.2022
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 (72) Cramm, Carl J.; Cuthbert, Andrew John
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Hanwha Corporation
 (11) AU-A-2022224749
 (21) 2022224749 (22) 30.08.2022
 (54) Device and method for managing registration and arrangement of detonator
 (51) Int. Cl.
 F42D 1/045 (2006.01)

(43) 22.09.2022
 (62) 2020289842
 (72) HWANG, Ki Won
 (74) WRAYS PTY LTD

(71) Harpur, L.
 (11) AU-A-2022200926
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 (54) A SEALING INSERT FOR A WATER SUPPLY ASSEMBLY
 (51) Int. Cl.
 F16K 1/46 (2006.01)
 E03C 1/02 (2006.01)
 F16K 1/04 (2006.01)
 F16K 1/42 (2006.01)
 (31) 2021900575 (32) 03.03.21 (33) AU
 (43) 22.09.2022
 (72) Harpur, Leigh
 (74) Leigh Andrew Harpur

Heenan, J. see Sullivan, D.
 (21) 2022224787

(71) Hitachi, Ltd.
 (11) AU-A-2022224775
 (21) 2022224775 (22) 31.08.2022
 (54) Construct information management system and method
 (51) Int. Cl.
 G06Q 50/26 (2012.01)
 G06F 16/00 (2019.01)
 (43) 22.09.2022
 (62) 2018411591
 (72) TANIMOTO, Kouichi; HORI, Satoru; INOMATA, Hirofumi
 (74) Davies Collison Cave Pty Ltd

(71) HITIQ LIMITED
 (11) AU-A-2021221573
 (21) 2021221573 (22) 25.08.2021
 (54) IMPROVED PROCESSING OF DATA COLLECTED VIA AN INSTRUMENTED MOUTHGUARD DEVICE, INCLUDING IDENTIFICATION OF FALSE IMPACTS
 (51) Int. Cl.
 A63B 71/08 (2006.01)
 A61B 5/00 (2006.01)
 A61B 5/11 (2006.01)
 (31) 2021900594 (32) 03.03.21 (33) AU
 (43) 22.09.2022
 (72) Vegar, Mike; Nizette, Ben
 (74) FORWARD INTELLECTUAL PROPERTY PTY LTD

(71) Huawei Technologies Co., Ltd.
 (11) AU-A-2022221499
 (21) 2022221499 (22) 25.08.2022
 (54) METHOD AND DEVICE FOR BIDIRECTIONAL INTER FRAME PREDICTION
 (51) Int. Cl.
 H04N 19/577 (2014.01)

(43) 22.09.2022
 (62) 2019335839
 (72) Chen, Huanbang; Chen, Jianle; Yang, Haitao
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Huawei Technologies Co., Ltd.
 (11) AU-A-2022221541
 (21) 2022221541 (22) 26.08.2022
 (54) NETWORK SLICE ACCESS CONTROL METHOD AND APPARATUS
 (51) Int. Cl.
 H04W 28/02 (2009.01)
 (43) 22.09.2022
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 (72) Zhu, Fangyuan; Li, Yan; Ni, Hui
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Hubbell Incorporated
 (11) AU-A-2022221567
 (21) 2022221567 (22) 26.08.2022
 (54) Tap clamp
 (51) Int. Cl.
 H01R 4/30 (2006.01)
 H01R 4/32 (2006.01)
 H01R 4/38 (2006.01)
 H01R 4/44 (2006.01)
 H01R 4/48 (2006.01)
 H01R 4/52 (2006.01)
 (43) 22.09.2022
 (62) 2017305418
 (72) Candelaria, Adrian Beau; Diop, Seydou
 (74) Griffith Hack

(71) Hunter Douglas Inc.
 (11) AU-A-2022224734
 (21) 2022224734 (22) 30.08.2022
 (54) Methods and apparatus for controlling architectural opening coverings in more than one mode
 (51) Int. Cl.
 E06B 9/74 (2006.01)
 E06B 9/68 (2006.01)
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 (72) COLSON, Wendell B.; DANN, Kevin M.; DIFRANCESCO, Matthew A.; FLUCKEY, Daniel; KOVACH, Joseph E.; SIEBENALLER, Michael J.; SPRAY, Jeffrey L.
 (74) Spruson & Ferguson

(71) Huyck Licensco Inc.
 (11) AU-A-2022224770
 (21) 2022224770 (22) 31.08.2022
 (54) MULTI-LAYER WARP BOUND PAPERMAKER'S FORMING FABRICS
 (51) Int. Cl.
 D21F 1/00 (2006.01)
 D21F 9/02 (2006.01)
 (43) 22.09.2022
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 (72) GLEICH, Renate
 (74) RnB IP Pty Ltd

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(71) HYTORC Division UNEX Corporation
 (11) AU-A-2022224711
 (21) 2022224711 (22) 29.08.2022
 (54) A reaction washer and its fastening socket
 (51) Int. Cl.
 B25B 13/48 (2006.01)
 B25B 13/06 (2006.01)
 B25B 17/00 (2006.01)
 B25B 17/02 (2006.01)
 B25B 23/00 (2006.01)
 F16B 39/24 (2006.01)
 (43) 22.09.2022
 (62) 2020286246
 (72) Zhang, Xiaoxing; Junkers, John K.;
 Junkers, Eric P.
 (74) FB Rice Pty Ltd

(71) ICU Medical, Inc.
 (11) AU-A-2022224704
 (21) 2022224704 (22) 29.08.2022
 (54) Pressure-regulating vial adaptors
 (51) Int. Cl.
 A61J 1/20 (2006.01)
 A61J 1/22 (2006.01)
 A61J 3/00 (2006.01)
 A61M 5/32 (2006.01)
 B65B 1/04 (2006.01)
 (43) 22.09.2022
 (62) 2017211855
 (72) Fangrow, Thomas F.
 (74) Davies Collison Cave Pty Ltd

(71) IGT
 (11) AU-A-2022224810
 (21) 2022224810 (22) 01.09.2022
 (54) Electronic Gaming Machines and Electronic Games Using Mixed Reality Headsets
 (51) Int. Cl.
 A63F 13/21 (2014.01)
 A63F 13/40 (2014.01)
 A63F 13/60 (2014.01)
 (43) 22.09.2022
 (62) 2017232131
 (72) Froy Jr., David Vincent
 (74) Clark Intellectual Property Pty Ltd

(71) Immatics Biotechnologies GmbH
 (11) AU-A-2022221503
 (21) 2022221503 (22) 25.08.2022
 (54) PEPTIDES AND COMBINATION THEREOF FOR USE IN THE IMMUNOTHERAPY AGAINST CANCERS
 (51) Int. Cl.
 C07K 14/47 (2006.01)
 A61K 39/00 (2006.01)
 A61P 35/00 (2006.01)
 G01N 33/50 (2006.01)
 (43) 22.09.2022
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 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Implantica Patent Ltd
 (11) AU-A-2022224745
 (21) 2022224745 (22) 30.08.2022
 (54) A Device For Treatment Of Aneurysm
 (51) Int. Cl.
 A61F 2/06 (2013.01)
 A61B 17/12 (2006.01)
 (43) 22.09.2022
 (62) 2020250306
 (72) Forsell, Peter
 (74) WRAYS PTY LTD

Ineson, L. see Ineson, M.
 (21) 2021201337

(71) Ineson, M.; Ineson, L.
 (11) AU-A-2021201337
 (21) 2021201337 (22) 02.03.2021
 (54) AN IMPROVED RETAINING WALL ARRANGEMENT
 (51) Int. Cl.
 E02D 29/02 (2006.01)
 E04H 17/20 (2006.01)
 E04H 17/22 (2006.01)
 (43) 22.09.2022
 (72) Ineson, Michael
 (74) Collison & Co

(71) Inguran, LLC
 (11) AU-A-2022221520
 (21) 2022221520 (22) 26.08.2022
 (54) MAGNETIC REMOVAL OR IDENTIFICATION OF DAMAGED OR COMPROMISED CELLS OR CELLULAR STRUCTURES
 (51) Int. Cl.
 B03C 1/00 (2006.01)
 (43) 22.09.2022
 (62) 2020256343
 (72) KRUG, Kristie Marie
 (74) AJ PARK

(71) Interscope, Inc.
 (11) AU-A-2022215243
 (21) 2022215243 (22) 11.08.2022
 (54) SYSTEMS AND METHODS FOR REMOVING MATERIALS FROM THE PANCREAS USING AN ENDOSCOPIC SURGICAL TOOL
 (51) Int. Cl.
 A61B 17/32 (2006.01)
 A61B 1/012 (2006.01)
 A61B 10/04 (2006.01)
 (43) 22.09.2022
 (62) 2019276560
 (72) Ryan Jr., Jeffery B.
 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

(71) Ionian Technologies, LLC
 (11) AU-A-2022221561
 (21) 2022221561 (22) 26.08.2022
 (54) Nicking and extension amplification reaction for the exponential amplification of nucleic acids
 (51) Int. Cl.

C12Q 1/68 (2018.01)
 (43) 22.09.2022
 (62) 2020200321
 (72) Miller, Andrew P.; Roth, Richard; Provins, Jarrod; Holmberg, Rebecca C.; Maples, Brian K.; Mandell, Jeffrey
 (74) FPA Patent Attorneys Pty Ltd

(71) JCM American Corporation
 (11) AU-A-2022221462
 (21) 2022221462 (22) 24.08.2022
 (54) Electronic voucher ticket system
 (51) Int. Cl.
 G06Q 50/10 (2012.01)
 A63F 13/70 (2014.01)
 G06Q 20/30 (2012.01)
 G07F 17/34 (2006.01)
 (43) 22.09.2022
 (62) 2020223702
 (72) TSUTSUI, Yuichiro
 (74) Spruson & Ferguson

(71) Johnson & Johnson Consumer Inc.
 (11) AU-A-2022224697
 (21) 2022224697 (22) 29.08.2022
 (54) Topical compositions comprising Pichia anomala and chicory root extracts
 (51) Int. Cl.
 A61Q 19/08 (2006.01)
 A61K 8/60 (2006.01)
 A61K 8/97 (2017.01)
 A61K 8/99 (2017.01)
 A61K 31/7008 (2006.01)
 A61K 36/06 (2006.01)
 A61K 36/28 (2006.01)
 A61K 125/00 (2006.01)
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 (62) 2016273940
 (72) BALLESTEROS, Ann Theodore; MAHMOOD, Khalid; MOREIRA, Liliam A.; PARSIA, Ramine; SOUTHALL, Michael D.
 (74) Spruson & Ferguson

(71) JOJACO.MPP INC.
 (11) AU-A-2021201362
 (21) 2021201362 (22) 02.03.2021
 (54) Breast tape and method of applying breast tape
 (51) Int. Cl.
 A41C 3/06 (2006.01)
 (43) 22.09.2022
 (72) Wylde, Jessica
 (74) FB Rice Pty Ltd

(71) Joy Global Underground Mining Llc
 (11) AU-A-2022224762
 (21) 2022224762 (22) 31.08.2022
 (54) Systems and methods for tensioning a conveyor in a mining system
 (51) Int. Cl.
 B65G 23/44 (2006.01)
 B65G 19/18 (2006.01)
 B65G 21/14 (2006.01)
 B65G 43/00 (2006.01)
 F16H 7/08 (2006.01)

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(74) Griffith Hack
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(21) 2022221509 (22) 25.08.2022
(54) DECODING DEVICE AND DECODING METHOD
(51) Int. Cl.
H04N 19/50 (2014.01)
H04N 19/103 (2014.01)
H04N 19/70 (2014.01)
(43) 22.09.2022
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(72) Shiodera, Taichiro; Tanizawa, Akiyuki; Chujoh, Takeshi
(74) Griffith Hack
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- (71) Kalypton International Limited
(11) AU-A-2022224731
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(54) Distributed transaction processing and authentication system
(51) Int. Cl.
H04L 9/32 (2006.01)
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(72) Davies, Lars
(74) FB Rice Pty Ltd
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- (71) KANGATECH PTY LTD
(11) AU-A-2022224863
(21) 2022224863 (22) 02.09.2022
(54) A Testing and Training Apparatus
(51) Int. Cl.
A63B 21/002 (2006.01)
A61B 5/22 (2006.01)
(43) 22.09.2022
(62) 2020250237
(72) SCERRI, David Charles; SAUNDERS, Steven Wayne
(74) Griffith Hack
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(11) AU-A-2022224754
(21) 2022224754 (22) 31.08.2022
(54) METHODS OF CONDITIONING PATIENTS FOR T CELL THERAPY
(51) Int. Cl.
A61K 35/26 (2015.01)
C12N 5/0783 (2010.01)
C12N 5/0784 (2010.01)
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(72) Bot, Adrian; Rosenberg, Steven A.; Kochenderfer, James N.; Wieszorek, Jeffrey S.; Go, William; Jain, Rajul
(74) AJ PARK
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(21) 2022224780 (22) 31.08.2022
(54) Methods for producing autologous T cells useful to treat B cell malignancies and other cancers and compositions thereof
(51) Int. Cl.
C07K 16/30 (2006.01)
A61K 35/14 (2015.01)
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(72) BETTER, Marc; FELDMAN, Steven A.; ROSENBERG, Steven A.
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- (71) Kotobuki Holdings Co., Ltd.
(11) AU-A-2022224708
(21) 2022224708 (22) 29.08.2022
(54) Water discharge head equipped with purification function, water purification cartridge, and water faucet device
(51) Int. Cl.
E03C 1/10 (2006.01)
(43) 22.09.2022
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(72) TAKAGI, Jutaro; SHIRATAKE, Fumitaka; TAKAGI, Toshio
(74) Davies Collison Cave Pty Ltd
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(21) 2022200780 (22) 07.02.2022
(54) CONTAINER FOR PRESSURIZED FLUID WITH ELECTRONIC DEVICE FOR CALCULATING AND UPDATED DISPLAYING OF REMAINING FLUID
(51) Int. Cl.
G01F 22/02 (2006.01)
(31) 2102188 (32) 08.03.21 (33) FR
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(72) Mary, Alexis; Morin, Bertrand; Pateau, Valerie
(74) Phillips Ormonde Fitzpatrick
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- (71) L & M Radiator, Inc.
(11) AU-A-2022224776
(21) 2022224776 (22) 31.08.2022
(54) Heat exchanger with tanks, tubes and retainer
(51) Int. Cl.
F28F 3/10 (2006.01)
F28F 9/04 (2006.01)
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(74) Davies Collison Cave Pty Ltd
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- (71) Lam, T.T.
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(21) 2022221576 (22) 27.08.2022
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(51) Int. Cl.
B63B 35/44 (2006.01)
F24S 20/70 (2018.01)
F24S 30/45 (2018.01)
H02S 20/32 (2014.01)
F24S 30/00 (2018.01)
H01L 31/042 (2014.01)
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(72) Lam, Thanh Tri
(74) Thanh Tri Lam
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- (71) LG Electronics Inc.
(11) AU-A-2022221530
(21) 2022221530 (22) 26.08.2022
(54) Vacuum adiabatic body and refrigerator
(51) Int. Cl.
F25D 23/06 (2006.01)
F16L 59/02 (2006.01)
F16L 59/065 (2006.01)
F25D 17/06 (2006.01)
F25D 21/08 (2006.01)
F25D 21/14 (2006.01)
F25D 23/00 (2006.01)
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(62) 2018385173
(72) NAM, Hyeunsik; KIM, Bongjin; KANG, Myoungju
(74) Dentons Patent Attorneys Australasia Limited
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(21) 2022221533 (22) 26.08.2022
(54) Vacuum adiabatic body and refrigerator
(51) Int. Cl.
F25D 23/06 (2006.01)
F16L 59/02 (2006.01)
F16L 59/065 (2006.01)
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(72) KIM, Bongjin; KIM, Daewoong
(74) Dentons Patent Attorneys Australasia Limited
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- (71) LG ELECTRONICS INC.
(11) AU-A-2022221479
(21) 2022221479 (22) 25.08.2022
(54) Ice maker and refrigerator
(51) Int. Cl.
F25C 1/24 (2018.01)
F25D 23/12 (2006.01)
(43) 22.09.2022
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(72) LEE, Seunggeun; HONG, Jinil; KIM, Yonghyun; PARK, Hyunji
(74) Dentons Patent Attorneys Australasia Limited
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- (71) Lincoln Global, Inc.
(11) AU-A-2022201493
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(54) Combination regulator for cryogenic tanks

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(43) 22.09.2022 (72) GAILEY, David W.; EDENFIELD, Randy C. (74) Spruson & Ferguson	(71) MARICI Holdings The Netherlands B.V. (11) AU-A-2022224778 (21) 2022224778 (22) 31.08.2022 (54) A multi-channel inverter for a photovoltaic apparatus (51) Int. Cl. H02M 5/42 (2006.01) H02M 7/483 (2007.01)	(71) MAX CO., LTD. (11) AU-A-2022201526 (21) 2022201526 (22) 04.03.2022 (54) FASTENING TOOL (51) Int. Cl. B25B 21/00 (2006.01) B25B 23/04 (2006.01) B25C 1/06 (2006.01) B25F 5/00 (2006.01)	(31) 2021-034722 (32) 04.03.21 (33) JP 2021-034723 04.03.21 JP 2021-034724 04.03.21 JP 2021-034725 04.03.21 JP 2021-149653 14.09.21 JP 2021-149654 14.09.21 JP
(71) Lippert Components, Inc (11) AU-A-2022201548 (21) 2022201548 (22) 05.03.2022 (54) Screen Door Cross Bar Latch Opener (51) Int. Cl. E06B 7/00 (2006.01) B60J 5/04 (2006.01) E05B 83/44 (2014.01) E06B 9/52 (2006.01)	(31) 63/157,192 (32) 05.03.21 (33) US (43) 22.09.2022 (72) Crowder, David; McKinnon, Scott C. (74) Krouzer IP	(71) Mars, Incorporated (11) AU-A-2022221486 (21) 2022221486 (22) 25.08.2022 (54) Flavor composition and edible compositions containing same (51) Int. Cl. A23G 9/38 (2006.01) A23L 27/21 (2016.01) A23L 27/22 (2016.01) A23L 27/40 (2016.01)	(31) 2021-034722 (32) 04.03.21 (33) JP 2021-034723 04.03.21 JP 2021-034724 04.03.21 JP 2021-034725 04.03.21 JP 2021-149653 14.09.21 JP 2021-149654 14.09.21 JP (43) 22.09.2022 (72) YAMASHITA, Michio; OSAWA, Yusuke; TAKEUCHI, Kazuya (74) AJ PARK
(71) Magic Leap, Inc. (11) AU-A-2022224768 (21) 2022224768 (22) 31.08.2022 (54) Dynamic field of view variable focus display system (51) Int. Cl. H01F 38/14 (2006.01)	(43) 22.09.2022 (62) 2018240367 (72) Schowengerdt, Brian T.; Edwin, Lionel Ernest; Trisnadi, Jahja I.; Klug, Michael Anthony; Yeoh, Ivan Li Chuen (74) Davies Collison Cave Pty Ltd	(71) Massachusetts Institute of Technology; The Broad Institute, Inc.; President and Fellows of Harvard College (11) AU-A-2022218558 (21) 2022218558 (22) 18.08.2022 (54) Delivery and use of the CRISPR-Cas systems, vectors and compositions for hepatic targeting and therapy (51) Int. Cl. C12N 15/63 (2006.01) C12N 9/22 (2006.01) C12N 15/10 (2006.01) C40B 40/08 (2006.01)	(71) MAX CO., LTD. (11) AU-A-2022201528 (21) 2022201528 (22) 04.03.2022 (54) FASTENING TOOL (51) Int. Cl. B25B 21/00 (2006.01) B25B 23/04 (2006.01) B25C 1/06 (2006.01) B25F 5/00 (2006.01)
(43) 22.09.2022 (62) 2017244109 (72) Powderly, James; Niles, Savannah; Hamilton, Frank; Fontaine, Marshal A.; Hoover, Paul Armistead (74) Davies Collison Cave Pty Ltd	(71) Magic Leap, Inc. (11) AU-A-2022224790 (21) 2022224790 (22) 31.08.2022 (54) Interactions with 3D virtual objects using poses and multiple-DOF controllers (51) Int. Cl. G02B 13/06 (2006.01) G02B 27/01 (2006.01) G06F 3/00 (2006.01) G06F 3/01 (2006.01) G06T 15/00 (2011.01) G06T 15/10 (2011.01)	(71) Delivery and use of the CRISPR-Cas systems, vectors and compositions for hepatic targeting and therapy (51) Int. Cl. C12N 15/63 (2006.01) C12N 9/22 (2006.01) C12N 15/10 (2006.01) C40B 40/08 (2006.01)	(31) 2021-034722 (32) 04.03.21 (33) JP 2021-034723 04.03.21 JP 2021-034724 04.03.21 JP 2021-034725 04.03.21 JP 2021-149653 14.09.21 JP 2021-149654 14.09.21 JP (43) 22.09.2022 (72) YAMASHITA, Michio; OSAWA, Yusuke; TAKEUCHI, Kazuya (74) AJ PARK
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 (11) AU-A-2021203271
 (21) 2021203271 (22) 21.05.2021
 (54) DENTAL NOZZLE DEVICE
 (51) Int. Cl.
 A61C 17/02 (2006.01)
 A61C 17/022 (2006.01)
 (31) 17/194,805 (32) 08.03.21 (33) US
 (43) 22.09.2022
 (72) Kwong, F. S.; Tam, W. Y.
 (74) Madderns Pty Ltd

(71) Mizuho Orthopedic Systems, Inc.
 (11) AU-A-2022224753
 (21) 2022224753 (22) 31.08.2022
 (54) SYSTEM, APPARATUS AND METHOD FOR PATIENT POSITIONING PRIOR TO, DURING AND/OR AFTER MEDICAL PROCEDURES
 (51) Int. Cl.
 F16C 11/06 (2006.01)
 F15B 15/26 (2006.01)
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 (72) Hodges, Vincent; Schmid, Stephan John; Van Le, Peter Thien; Desilets, Mark
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(71) Monaghan, W.
 (11) AU-A-2022204544
 (21) 2022204544 (22) 27.06.2022
 (54) Submerged waterwheel for oceanic power
 (51) Int. Cl.
 F03B 7/00 (2006.01)
 E02B 9/08 (2006.01)
 F03B 3/14 (2006.01)
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 (43) 22.09.2022
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 (72) Monaghan, William
 (74) Acumen Intellectual Property

(71) Natural Fiber Welding, Inc.
 (11) AU-A-2022221551
 (21) 2022221551 (22) 26.08.2022
 (54) Methods, processes, and apparatuses for producing welded substrates
 (51) Int. Cl.
 D06M 23/00 (2006.01)
 D01F 2/24 (2006.01)
 D06B 7/08 (2006.01)
 D06B 21/00 (2006.01)
 D06M 10/04 (2006.01)
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 D06M 10/08 (2006.01)
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 (43) 22.09.2022
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 (72) HAVERHALS, Luke Michael; AMSTUTZ, Aaron Kenneth; CHOI, Jonglak;

TANG, Xiling; MOLTER, Michael;
 NULL, Spencer Jacob
 (74) Spruson & Ferguson

(71) NeuSpera Medical Inc.
 (11) AU-A-2022221472
 (21) 2022221472 (22) 25.08.2022
 (54) Midfield power source for wireless implanted devices
 (51) Int. Cl.
 H03G 1/04 (2006.01)
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 (72) ZHANG, Hui; BOLING, Carl Lance; SCHELLENBERG, Stephen James; JUNCO, Elia; ELLSWORTH III, Thomas Burpee; YE, Alexander
 (74) FB Rice Pty Ltd

(71) NGM Biopharmaceuticals, Inc.
 (11) AU-A-2022224794
 (21) 2022224794 (22) 31.08.2022
 (54) Binding proteins and methods of use thereof
 (51) Int. Cl.
 C07K 16/18 (2006.01)
 A61K 39/395 (2006.01)
 C07K 14/475 (2006.01)
 C12Q 1/68 (2018.01)
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 (72) SHEN, Wenyan; TANG, Jie; WANG, Yan; MATERN, Hugo
 (74) Spruson & Ferguson

(71) Nocira, LLC
 (11) AU-A-2022221552
 (21) 2022221552 (22) 26.08.2022
 (54) External ear canal pressure regulation system
 (51) Int. Cl.
 A61M 13/00 (2006.01)
 (43) 22.09.2022
 (62) 2020226989
 (72) George, David; Buckler, George; Sullivan, David Brice
 (74) FPA Patent Attorneys Pty Ltd

(71) Nokia Technologies Oy
 (11) AU-A-2022221508
 (21) 2022221508 (22) 25.08.2022
 (54) Control channel structure design to support V2X traffic
 (51) Int. Cl.
 H04L 5/00 (2006.01)
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 (62) 2018443844
 (72) LI, Dong; LIU, Yong; WILDSCHEK, Torsten
 (74) Spruson & Ferguson

(71) Novartis AG
 (11) AU-A-2022221400
 (21) 2022221400 (22) 22.08.2022

(54) Methods of treating metabolic disorders with FGF21 variants
 (51) Int. Cl.
 A61K 38/18 (2006.01)
 A61K 45/06 (2006.01)
 A61P 3/04 (2006.01)
 A61P 3/06 (2006.01)
 A61P 5/50 (2006.01)
 A61P 9/10 (2006.01)
 A61P 9/12 (2006.01)
 (43) 22.09.2022
 (62) 2018389915
 (72) Yi, Byungdoo Alexander; GOLDFINE, Allison
 (74) Davies Collison Cave Pty Ltd

(71) Novartis AG
 (11) AU-A-2022224735
 (21) 2022224735 (22) 30.08.2022
 (54) Method of scoring a sample comprising tumor tissue
 (51) Int. Cl.
 G01N 33/48 (2006.01)
 A61K 39/395 (2006.01)
 A61K 49/00 (2006.01)
 A61P 35/00 (2006.01)
 A61P 37/04 (2006.01)
 C07K 16/18 (2006.01)
 G01N 33/50 (2006.01)
 G01N 33/53 (2006.01)
 G01N 33/574 (2006.01)
 (43) 22.09.2022
 (62) 2016341307
 (72) Little, Brian; Bordeaux, Jennifer; Dakappagari, Naveen; Kim, Ju Young; Tran, Thai
 (74) FB Rice Pty Ltd

(71) Novo Nordisk A/S
 (11) AU-A-2022218612
 (21) 2022218612 (22) 19.08.2022
 (54) Insulin containing pharmaceutical compositions
 (51) Int. Cl.
 A61K 38/28 (2006.01)
 A61K 9/08 (2006.01)
 A61K 38/26 (2006.01)
 A61K 47/02 (2006.01)
 A61K 47/10 (2017.01)
 A61P 3/10 (2006.01)
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 (72) Steensgaard, Dorte Bjerre; Hansen, Rosa Rebecca Erritzøe; Havelund, Svend; Schlein, Morten; Pedersen, Jesper Søndergaard; Hostrup, Susanne; Norrman, Mathias; Strauss, Holger Martin
 (74) Pearce IP Pty Ltd

(71) NUProtein Co., Ltd.
 (11) AU-A-2021323386
 (21) 2021323386 (22) 16.12.2021
 (54) Translation enhancer, translation template mRNA, transcription template DNA, method of producing translation template mRNA, and method of producing protein

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C12N 15/113 (2010.01)
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(72) MINAMI, Satori; ITAYA, Tomotaka;
TADA, Hiroaki; MINAMI, Masataka
(74) AJ PARK

(71) Physmodo, Inc.
(11) AU-A-2022201386
(21) 2022201386 **(22)** 01.03.2022
(54) SYSTEM AND METHOD FOR HUMAN
MOTION DETECTION AND TRACK-
ING
(51) Int. Cl.
G06T 7/20 (2017.01)
A61B 5/11 (2006.01)
G06N 3/02 (2006.01)
G06T 7/50 (2017.01)
G06V 40/20 (2022.01)
(31) 63/155,653 **(32)** 02.03.21 **(33)** US
17/362,299 29.06.21 US
(43) 22.09.2022
(72) Gingrich, Nathanael Lloyd; Smith,
Gregory Murray
(74) Phillips Ormonde Fitzpatrick

(71) Pirie Enterprises Pty. Ltd.
(11) AU-A-2022201554
(21) 2022201554 **(22)** 07.03.2022
(54) A PANEL ASSEMBLY AND METHOD
OF USE THEREOF
(51) Int. Cl.
E06B 3/50 (2006.01)
E05D 15/22 (2006.01)
E06B 3/70 (2006.01)
E05D 15/38 (2006.01)
E05D 15/56 (2006.01)
E05F 7/02 (2006.01)
(31) 2021900646 **(32)** 08.03.21 **(33)** AU
(43) 22.09.2022
(72) Pirie, Robert
(74) KINGS PATENT & TRADE MARKS AT-
TORNEYS PTY LTD

(71) Plate Properties Pty Ltd
(11) AU-A-2022221543
(21) 2022221543 **(22)** 26.08.2022
(54) Computer System Configured for Is-
suing a Personalised Vehicle Number
Plate
(51) Int. Cl.
G06F 7/06 (2006.01)
G06Q 50/26 (2012.01)
G06Q 50/30 (2012.01)
(43) 22.09.2022
(62) 2017235967
(72) Haidar, Ali
(74) Clark Intellectual Property Pty Ltd

(71) Pocket Naloxone Corp.
(11) AU-A-2022221571
(21) 2022221571 **(22)** 26.08.2022
(54) Devices and methods for delivering
pharmaceutical compositions
(51) Int. Cl.

A61M 35/00 (2006.01)
A61M 5/00 (2006.01)
A61M 37/00 (2006.01)
(43) 22.09.2022
(62) 2020245535
(72) MATHAI, Ashanathi
(74) Minter Ellison

Podmore, J. see Podmore, M.
(21) 2021201376

(71) Podmore, M.; Podmore, J.
(11) AU-A-2021201376
(21) 2021201376 **(22)** 03.03.2021
(54) A Smartcard Based System for Regula-
tion of Electronic Gambling
(51) Int. Cl.
G07F 17/32 (2006.01)
G06Q 20/36 (2012.01)
G07F 7/10 (2006.01)
(43) 22.09.2022
(72) Podmore, Michael
(74) Joanne Podmore

(71) PPG Industries Ohio, Inc.
(11) AU-A-2022224737
(21) 2022224737 **(22)** 30.08.2022
(54) 3D printing of seal caps
(51) Int. Cl.
B29C 64/106 (2017.01)
B29C 70/74 (2006.01)
B29D 99/00 (2010.01)
B33Y 10/00 (2015.01)
B33Y 70/00 (2020.01)
B33Y 80/00 (2015.01)
F16B 37/14 (2006.01)
(43) 22.09.2022
(62) 2020221901
(72) WILKINSON, Bryan W.; BUBAS, Mi-
chael A.; LIN, Renhe
(74) Minter Ellison

**President and Fellows of Harvard College
see Massachusetts Institute of Technology**
(21) 2022218558

(71) Prysmian S.p.A.
(11) AU-A-2022201485
(21) 2022201485 **(22)** 03.03.2022
(54) Electric power cable connector arrange-
ment
(51) Int. Cl.
H01R 13/52 (2006.01)
H01R 13/405 (2006.01)
H01R 13/627 (2006.01)
H01R 13/639 (2006.01)
H01R 13/645 (2006.01)
H01R 31/06 (2006.01)
H01R 43/24 (2006.01)
(31) 10202100005204 **(32)** 05.03.21 **(33)** IT
(43) 22.09.2022
(72) Hussey, Simon; Spiller, Darren; Rawlin-
son, Jonathan; Cox, Stuart
(74) Davies Collison Cave Pty Ltd

(71) Purdue Research Foundation
(11) AU-A-2022224743
(21) 2022224743 **(22)** 30.08.2022
(54) Fibroblast activation protein (FAP) tar-
geted imaging and therapy in fibrosis
(51) Int. Cl.
G01N 33/574 (2006.01)
A61K 49/00 (2006.01)
A61K 51/04 (2006.01)
G01N 33/58 (2006.01)
(43) 22.09.2022
(62) 2019360944
(72) ROY, Jyoti; LOW, Philip S.; HET-
TIARACHCHI, Suraj U.; LI, Yen-Hsing
(74) FB Rice Pty Ltd

(71) Qilu University of Technology
(11) AU-A-2021282481
(21) 2021282481 **(22)** 09.12.2021
(54) A method for preparing betaine-modi-
fied cellulose ester capable of adsorb-
ing dyes, and application of the cellu-
lose ester
(51) Int. Cl.
C08L 1/10 (2006.01)
B01J 20/24 (2006.01)
B01J 20/30 (2006.01)
C02F 1/28 (2006.01)
C08J 11/06 (2006.01)
C02F 103/30 (2006.01)
(31) 2021102506338 **(32)** 08.03.21 **(33)** CN
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(72) Sun, Yangyang; Liu, Yu
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(71) Qualcomm Incorporated
(11) AU-A-2022224742
(21) 2022224742 **(22)** 30.08.2022
(54) CHANNELIZATION FOR UPLINK
TRANSMISSIONS
(51) Int. Cl.
H04W 72/12 (2009.01)
H04L 5/00 (2006.01)
(43) 22.09.2022
(62) 2017334871
(72) Akkarakaran, Sony; Luo, Tao; Zhang,
Xiaoxia; Fan, Zhifei; Montojo, Juan
(74) Madderns Pty Ltd

(71) Quantum Nanostim LLC
(11) AU-A-2022215308
(21) 2022215308 **(22)** 12.08.2022
(54) Device for, and method of, neuromodu-
lation with closed-loop micromagnetic
hybrid waveforms to relieve pain
(51) Int. Cl.
A61N 2/00 (2006.01)
A61N 1/05 (2006.01)
A61N 2/02 (2006.01)
A61B 5/246 (2021.01)
(43) 22.09.2022
(62) PCT/US2021/017783
(72) REILLY, Thomas
(74) BRM Patent Attorneys Pty Ltd

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(11) AU-A-2022221568

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 (51) Int. Cl.
G16B 20/30 (2019.01)
 (43) 22.09.2022
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 (51) Int. Cl.
C07K 19/00 (2006.01)
A61K 35/17 (2015.01)
C07K 14/735 (2006.01)
C12N 5/0783 (2010.01)
C12N 5/10 (2006.01)
C12N 15/62 (2006.01)
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 (54) Volatile material dispenser
 (51) Int. Cl.
A01M 1/20 (2006.01)
A61L 9/12 (2006.01)
A61L 9/14 (2006.01)
 (43) 22.09.2022
 (62) 2020352901
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 (54) Apparatus and method for selecting cell in wireless communication system
 (51) Int. Cl.
H04W 48/20 (2009.01)
H04B 7/08 (2006.01)
H04W 16/28 (2009.01)
H04W 24/02 (2009.01)
 (43) 22.09.2022
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 (72) Jeong, Junhee; Baek, Ingil; Jung, Doyoung; Ryou, Sangkyou
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 (21) 202221565 (22) 26.08.2022
 (54) Apparatus and method for selecting cell in wireless communication system

(51) Int. Cl.
H04W 48/20 (2009.01)
H04B 7/08 (2006.01)
H04W 16/28 (2009.01)
H04W 24/02 (2009.01)
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 (51) Int. Cl.
E06C 7/18 (2006.01)
A61B 1/00 (2006.01)
E02D 27/42 (2006.01)
E04G 21/32 (2006.01)
E04H 12/00 (2006.01)
E04H 12/08 (2006.01)
E04H 12/20 (2006.01)
E04H 12/22 (2006.01)
 (31) 2021101176 (32) 05.03.21 (33) AU
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 (54) Programmable cylinder lock not requiring a specific change key
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E05B 27/00 (2006.01)
E05B 27/02 (2006.01)
E05B 35/08 (2006.01)
E05B 47/00 (2006.01)
 (31) 102021000005276 (32) 05.03.21 (33) IT
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 (72) Loreti, Alberto
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(71) Sera Prognostics, Inc.
 (11) AU-A-202221441
 (21) 202221441 (22) 24.08.2022
 (54) Biomarkers and methods for predicting preeclampsia
 (51) Int. Cl.
G01N 33/68 (2006.01)
 (43) 22.09.2022
 (62) 2020201695
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 (74) FB Rice Pty Ltd

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 (11) AU-A-202221445
 (21) 202221445 (22) 24.08.2022
 (54) Biomarkers and methods for predicting preterm birth
 (51) Int. Cl.
G01N 33/48 (2006.01)

(43) 22.09.2022
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 (72) Fleischer, Tracey Christine; Boniface, John Jay; Hickok, Durlin Edward; Critchfield, Gregory Charles
 (74) FB Rice Pty Ltd

(71) Shaheen Innovations Holding Limited
 (11) AU-A-202221529
 (21) 202221529 (22) 26.08.2022
 (54) MIST INHALER DEVICES
 (51) Int. Cl.
A24B 15/167 (2020.01)
A24F 40/05 (2020.01)
A24F 40/10 (2020.01)
A61M 11/00 (2006.01)
A61M 15/00 (2006.01)
B05B 17/06 (2006.01)
B05B 17/00 (2006.01)
 (43) 22.09.2022
 (62) 2020410172
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 (74) HENRY HUGHES IP LTD

(71) Shaheen Innovations Holding Limited
 (11) AU-A-202221534
 (21) 202221534 (22) 26.08.2022
 (54) A HOOKAH DEVICE
 (51) Int. Cl.
A24F 40/05 (2020.01)
 (43) 22.09.2022
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(71) Shaheen Innovations Holding Limited
 (11) AU-A-202221536
 (21) 202221536 (22) 26.08.2022
 (54) A HOOKAH DEVICE
 (51) Int. Cl.
A24F 40/05 (2020.01)
 (43) 22.09.2022
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 (72) BHATTI, Sajid; MACHOVEC, Jeff; LAMOUREUX, Clement; LAHOUD, Imad; ALSHAIBA SALEH GHANNAM ALMAZROUEI, Mohammed
 (74) HENRY HUGHES IP LTD

(71) SightGlass Vision, Inc.
 (11) AU-A-202221518
 (21) 202221518 (22) 26.08.2022
 (54) METHODS AND DEVICES FOR REDUCING MYOPIA IN CHILDREN
 (51) Int. Cl.
G02C 7/02 (2006.01)
G02C 7/06 (2006.01)
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(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71)** Skyscanner Limited
(11) AU-A-2022221550
(21) 2022221550 **(22)** 26.08.2022
(54) Method and server for providing a set of price estimates, such as air fare price estimates
(51) Int. Cl.
G06Q 30/00 (2012.01)
(43) 22.09.2022
(62) 2020244405
(72) SNIEZYK, Andrej; SARRE, Joe; WILLIAMS, Gareth
(74) Davies Collison Cave Pty Ltd
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- (71)** Smeg S.p.A.
(11) AU-A-2022221540
(21) 2022221540 **(22)** 26.08.2022
(54) GAS COOKING DEVICE
(51) Int. Cl.
F24C 5/02 (2006.01)
F24C 3/12 (2006.01)
(43) 22.09.2022
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(72) Zambruni, Carlo
(74) PHILLIPS ORMONDE FITZPATRICK
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(11) AU-A-2022201173
(21) 2022201173 **(22)** 22.02.2022
(54) Non-contact direction selector mechanism
(51) Int. Cl.
H02P 23/24 (2016.01)
B25B 21/00 (2006.01)
B25B 28/00 (2006.01)
H01H 35/00 (2006.01)
H01H 36/00 (2006.01)
(31) 17/192,180 **(32)** 04.03.21 **(33)** US
(43) 22.09.2022
(72) KOHLS, Collin
(74) Griffith Hack
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- (71)** Snap-on Incorporated
(11) AU-A-2022221535
(21) 2022221535 **(22)** 26.08.2022
(54) Pliers with angled crimping opening
(51) Int. Cl.
H01R 43/04 (2006.01)
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(11) AU-A-2022201448
(21) 2022201448 **(22)** 02.03.2022
(54) Immunocompatible tissue scaffold and methods of forming the same
(51) Int. Cl.
A61L 27/38 (2006.01)
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A61L 27/54 (2006.01)
C12N 5/0775 (2010.01)
C12N 9/40 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd
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- (71)** STRYKER EUROPEAN OPERATIONS HOLDINGS LLC
(11) AU-A-2022224764
(21) 2022224764 **(22)** 31.08.2022
(54) SPINAL FIXATION ASSEMBLY
(51) Int. Cl.
A61B 17/00 (2006.01)
(43) 22.09.2022
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(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
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- (71)** Sullivan, D.; Heenan, J.; Wellisch, A.; Wellisch, J.
(11) AU-A-2022224787
(21) 2022224787 **(22)** 31.08.2022
(54) A system and method for a media platform
(51) Int. Cl.
A63F 13/00 (2014.01)
(43) 22.09.2022
(62) 2016331934
(72) WELLISCH, Adam; WELLISCH, Joshua; SULLIVAN, Dion; HEENAN, Joshua
(74) Spruson & Ferguson
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(11) AU-A-2022224792
(21) 2022224792 **(22)** 31.08.2022
(54) Bacteria engineered to treat disorders involving the catabolism of a branched chain amino acid
(51) Int. Cl.
A61K 35/74 (2015.01)
C12N 1/00 (2006.01)
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(72) Miller, Paul; Falb, Dean; Millet, Yves; Tucker, Alex; Isabella, Vincent; Kotula, Jonathan
(74) ALLENS PATENT & TRADE MARK ATTORNEYS
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- (71)** Sysmex Corporation
(11) AU-A-2022201245
(21) 2022201245 **(22)** 23.02.2022
(54) Quality control method of specimen analysis system and specimen analysis system
(51) Int. Cl.
G01N 35/00 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd
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- (71)** Takeda Pharmaceutical Company Limited
(11) AU-A-2022221475
(21) 2022221475 **(22)** 25.08.2022
(54) METHODS FOR PURIFICATION OF ARYLSULFATASE A
(51) Int. Cl.
C07K 1/16 (2006.01)
C12N 9/16 (2006.01)
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(62) 2020201079
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(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71)** Techtronic Cordless GP
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(21) 2022200942 **(22)** 11.02.2022
(54) Control system for normally-on power too
(51) Int. Cl.
H02P 29/40 (2016.01)
G05B 1/01 (2006.01)
H02P 1/04 (2006.01)
H02P 1/18 (2006.01)
H02P 7/02 (2016.01)
(31) 202110233320.1 **(32)** 03.03.21 **(33)** CN
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- (71)** Techtronic Cordless GP
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(21) 2022200960 **(22)** 14.02.2022
(54) Fluid delivery systems for use with power tools
(51) Int. Cl.
B05B 1/06 (2006.01)
B05B 7/32 (2006.01)
(31) 63/156,132 **(32)** 03.03.21 **(33)** US
(43) 22.09.2022
(72) HOFFMAN, Ronald J.; HOLMAN, Christopher A.; REED, Scott W.
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- (71)** TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
(11) AU-A-2022224700
(21) 2022224700 **(22)** 29.08.2022
(54) UPLINK RESOURCE SCHEDULING IN MULTIPLE TIME INSTANCES
(51) Int. Cl.
H04W 72/12 (2009.01)
(43) 22.09.2022
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(72) ZHANG, Qiang; LINDBOM, Lars; FURUSKOG, Johan; BERGSTROM,

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DERSSON, Hakan
(74) AJ PARK

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(21) 2022200893 **(22)** 10.02.2022
(54) TERAHERTZ FERROELECTRIC RES-
ONATOR
(51) Int. Cl.
H01L 31/0392 (2006.01)
H01L 27/30 (2006.01)
H01L 31/0352 (2006.01)
H01P 7/10 (2006.01)
H01Q 9/04 (2006.01)
(31) 21160551.4 **(32)** 03.03.21 **(33)** EP
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(72) LUKYANCHUK, Igor; RAZUMNAYA,
Anna; VINOKOUR, Valery
(74) Griffith Hack

(71) The ASAN Foundation; University of
Ulsan Foundation for Industry Coopera-
tion
(11) AU-A-2022221566
(21) 2022221566 **(22)** 26.08.2022
(54) Customized surgical guide and custom-
ized surgical guide generating method
and generating program
(51) Int. Cl.
A61B 90/00 (2016.01)
A61B 17/34 (2006.01)
(43) 22.09.2022
(62) 2020210171
(72) LEE, Sang Wook; KIM, Guk Bae; KIM,
Nam Kug; AHN, Sei Hyun; LEE, Jong
Won; SON, Byung Ho; KO, Beom Seok
(74) FB Rice Pty Ltd

The Broad Institute, Inc. see Massachu-
setts Institute of Technology
(21) 2022218558

(71) The Johns Hopkins University
(11) AU-A-2022221442
(21) 2022221442 **(22)** 24.08.2022
(54) Hypotonic hydrogel formulations for en-
hanced transport of active agents at
mucosal surfaces
(51) Int. Cl.
A61K 38/13 (2006.01)
A61K 9/08 (2006.01)
A61K 31/542 (2006.01)
A61K 47/34 (2017.01)
A61P 27/02 (2006.01)
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(62) 2018380300
(72) ENSIGN, Laura; HANES, Justin; KIM,
Yoo Chun; DATE, Abhijit
(74) FB Rice Pty Ltd

(71) The Johns Hopkins University
(11) AU-A-2022221454
(21) 2022221454 **(22)** 24.08.2022
(54) Dendrimer delivery system and meth-
ods of use thereof

(51) Int. Cl.
C08G 83/00 (2006.01)
A61K 47/56 (2017.01)
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(62) 2018365250
(72) KANNAN, Sujatha; ZHANG, Zhi;
KAMBHAMPATI, Siva Pramodh;
SHARMA, Rishi; RANGARAMANU-
JAM, Kannan; SHARMA, Anjali
(74) FB Rice Pty Ltd

(71) The Johns Hopkins University
(11) AU-A-2022221492
(21) 2022221492 **(22)** 25.08.2022
(54) Methods and compositions for improv-
ing cognitive function
(51) Int. Cl.
A61P 25/28 (2006.01)
A01N 43/36 (2006.01)
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(62) 2021200325
(72) HABERMAN, Rebecca; KOH, Ming
Teng; GALLAGHER, Michela
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(71) The Mosaic Company
(11) AU-A-2022224783
(21) 2022224783 **(22)** 31.08.2022
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tion including feed enzymes
(51) Int. Cl.
A23K 10/14 (2016.01)
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Ryan; Reynaldo, Marsella; Brittain,
Charlotte
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(71) The Raymond Corporation
(11) AU-A-2022201469
(21) 2022201469 **(22)** 03.03.2022
(54) ASSISTANCE SYSTEMS AND METH-
ODS FOR A MATERIAL HANDLING
VEHICLE
(51) Int. Cl.
A61B 5/18 (2006.01)
A61B 3/113 (2006.01)
A61H 5/00 (2006.01)
(31) 63/156,505 **(32)** 04.03.21 **(33)** US
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Smith, Joshua T.
(74) RnB IP Pty Ltd

(71) The Regents of the University of
Michigan
(11) AU-A-2022221504
(21) 2022221504 **(22)** 25.08.2022
(54) Compositions and methods for delivery
of biomacromolecule agents
(51) Int. Cl.
A61K 9/127 (2006.01)
A61K 31/712 (2006.01)
A61K 31/713 (2006.01)
C12N 15/09 (2006.01)

C12N 15/113 (2010.01)
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(62) 2019226197
(72) NAM, Jutae; MOON, James J.; KUI,
Rui; SCHWENDEMAN, Anna A.
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and Human Services see Kite Pharma, Inc.
(21) 2022224754

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and Human Services see Kite Pharma, Inc.
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(71) Tsann Kuen (Zhangzhou) Enterprise
Co., Ltd.
(11) AU-A-2022201519
(21) 2022201519 **(22)** 04.03.2022
(54) PORTAFILTER AND COFFEE MAKER
HAVING THE SAME
(51) Int. Cl.
A47J 31/06 (2006.01)
A47J 31/24 (2006.01)
(31) 202110253261.4 **(32)** 05.03.21 **(33)** CN
(43) 22.09.2022
(72) XU, Qingzhe; YAO, Xiangyu; YE, Lin
(74) AJ PARK

Um, T.J. see CTS System Co., Ltd.
(21) 2022224774

University of Kansas see ConocoPhillips
Company
(21) 2022221461

(71) University of Pittsburgh - Of the Com-
monwealth System of Higher Educa-
tion; UPMC
(11) AU-A-2022221421
(21) 2022221421 **(22)** 23.08.2022
(54) REGULATORY DEVICE AND ASSOCI-
ATED METHOD
(51) Int. Cl.
A61B 5/16 (2006.01)
A61B 5/024 (2006.01)
A61B 5/0295 (2006.01)
A61B 5/0533 (2021.01)
A61B 5/316 (2021.01)
A61N 1/04 (2006.01)
A61N 1/32 (2006.01)
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Lowell
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neys Pty Ltd

University of Ulsan Foundation for In-
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ation
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 (21) 2022224723 (22) 30.08.2022
 (54) SYSTEMS AND METHODS FOR CONTROLLED DRUG DELIVERY PUMPS
 (51) Int. Cl.
 A61M 5/142 (2006.01)
 A61M 5/172 (2006.01)
 A61M 5/315 (2006.01)
 (43) 22.09.2022
 (62) 2016364666
 (72) LAURENCE, Lawton; HANSON, Ian B.; BENTE IV, Paul F.; TRZYBINSKI, Robert
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

UPMC see University of Pittsburgh - Of the Commonwealth System of Higher Education
 (21) 2022221421

(71) Venenum Biodesign, LLC
 (11) AU-A-2021201425
 (21) 2021201425 (22) 04.03.2021
 (54) STING AGONISTS FOR TREATING BLADDER CANCER AND SOLID TUMORS
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 A61K 31/675 (2006.01)
 A61K 39/00 (2006.01)
 A61P 35/00 (2006.01)
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 (74) Griffith Hack

(71) Venuevue Pty Ltd
 (11) AU-A-2022201273
 (21) 2022201273 (22) 24.02.2022
 (54) SYSTEM AND METHOD FOR PERSONALISED VIEWING OF VIDEO CONTENT
 (51) Int. Cl.
 H04N 21/258 (2011.01)
 H04L 12/18 (2006.01)
 H04N 21/214 (2011.01)
 H04N 21/61 (2011.01)
 H04L 45/16 (2022.01)
 H04L 67/63 (2022.01)
 (31) 2021900579 (32) 03.03.21 (33) AU
 (43) 22.09.2022
 (72) Lehane, Samuel Martin; Spencer, Christopher James
 (74) Michael Buck IP

(71) W. L. Gore & Associates, Inc.
 (11) AU-A-2022224781
 (21) 2022224781 (22) 31.08.2022

(54) Epithelializing microporous biomaterial for use in avascular environments and in corneal implants
 (51) Int. Cl.
 A61L 27/16 (2006.01)
 A61L 27/34 (2006.01)
 A61L 27/56 (2006.01)
 (43) 22.09.2022
 (62) 2019287735
 (72) SINGH, Anuraag; SCHMIEDEL, Thomas B.; BALAJI, Gopalan V.; FISCHER, Paul J.
 (74) Griffith Hack

(71) Wave Life Sciences Ltd.
 (11) AU-A-2022221483
 (21) 2022221483 (22) 25.08.2022
 (54) Oligonucleotide compositions and methods thereof
 (51) Int. Cl.
 C07H 21/02 (2006.01)
 A61K 48/00 (2006.01)
 C07C 317/28 (2006.01)
 C07D 295/088 (2006.01)
 C12N 15/11 (2006.01)
 C12N 15/113 (2010.01)
 C12Q 1/68 (2018.01)
 (43) 22.09.2022
 (62) 2016334232
 (72) Francis, Christopher J.; Meena; Frank-Kamenetsky, Maria David; Lu, Genliang; Marappan, Subramanian; Vargeese, Chandra; Verdine, Gregory L.; Yang, Hailin; Zhang, Jason Jingxin; Divakaramenon, Sethumadhavan; Butler, David Charles Donnell; Iwamoto, Naoki
 (74) Griffith Hack

Wellisch, A. see Sullivan, D.
 (21) 2022224787

Wellisch, J. see Sullivan, D.
 (21) 2022224787

(71) Werner Co.
 (11) AU-A-2022201364
 (21) 2022201364 (22) 28.02.2022
 (54) Interlocking Work Platform System and Method
 (51) Int. Cl.
 E04G 1/15 (2006.01)
 E04G 1/30 (2006.01)
 E04G 1/34 (2006.01)
 (31) 63/155,722 (32) 02.03.21 (33) US
 (43) 22.09.2022
 (72) Chen, Fang; He, Liang; Zhu, Ling
 (74) BOSH IP Pty Ltd

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 (21) 2022224756

(71) Wix.com Ltd.
 (11) AU-A-2022221498
 (21) 2022221498 (22) 25.08.2022

(54) Creation and update of hierarchical websites based on collected business knowledge
 (51) Int. Cl.
 G06F 3/14 (2006.01)
 G06Q 30/02 (2012.01)
 (43) 22.09.2022
 (62) 2017275884
 (72) Dreizis, Ilana; Philosoph, Mor; Sadeh, Eyal; Zelmanovich, Igor; Koren, Dan
 (74) FPA Patent Attorneys Pty Ltd

(71) Worxsafe Ab
 (11) AU-A-2022200481
 (21) 2022200481 (22) 25.01.2022
 (54) A Telescopic Edge Protection Post
 (51) Int. Cl.
 E04G 21/32 (2006.01)
 E04G 25/08 (2006.01)
 (31) 21160826.0 (32) 04.03.21 (33) EP
 (43) 22.09.2022
 (72) VIBERG, Olov; JÖNSSON, Bengt
 (74) WRAYS PTY LTD

(71) Wright Medical Technology, Inc.
 (11) AU-A-2022201365
 (21) 2022201365 (22) 28.02.2022
 (54) Multiaxial modular tibia stems
 (51) Int. Cl.
 A61F 2/42 (2006.01)
 A61B 17/56 (2006.01)
 A61F 2/30 (2006.01)
 (31) 63/156,452 (32) 04.03.21 (33) US
 63/193,280 26.05.21 US
 17/649,088 27.01.22 US
 (43) 22.09.2022
 (72) Haddad, Steven L.; Lowery, Gary W.; Moore, Jesse G.
 (74) FPA Patent Attorneys Pty Ltd

(71) Zogenix International Limited
 (11) AU-A-2022221450
 (21) 2022221450 (22) 24.08.2022
 (54) Methods of treating Rett syndrome using fenfluramine
 (51) Int. Cl.
 A61K 31/137 (2006.01)
 A61P 25/08 (2006.01)
 (43) 22.09.2022
 (62) 2019384963
 (72) MEGARGEL, Bret; GALER, Bradley S.
 (74) Davies Collison Cave Pty Ltd

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 (54) Dilator sheath assembly with interlock-
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(51) Int. Cl.
A61L 15/20 (2006.01)
A61L 15/46 (2006.01)
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E02D 7/02 (2006.01)
E02D 7/28 (2006.01)
- E21B 10/32** (2006.01)
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(11) AU-A-2021231387
(21) 2021231387 (22) 05.03.2021
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(51) Int. Cl.
H04B 7/185 (2006.01)
H04B 7/204 (2006.01)
(87) WO2021/176186
(31) 20 02229 (32) 05.03.20 (33) FR
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(74) FPA Patent Attorneys Pty Ltd
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(54) Method for acquiring images of a terrestrial region using a spacecraft
(51) Int. Cl.
G01C 11/02 (2006.01)
G03B 37/00 (2021.01)
H04N 5/335 (2011.01)
H04N 9/04 (2006.01)
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(51) Int. Cl.
A61K 45/06 (2006.01)
A61K 31/4422 (2006.01)
A61P 9/00 (2006.01)
A61P 9/08 (2006.01)
A61P 9/10 (2006.01)
A61P 25/04 (2006.01)
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A61K 31/5377 (2006.01)
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A61K 31/519 (2006.01)
- A61K 31/7052** (2006.01)
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A61K 38/21 (2006.01)
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C09D 5/00 (2006.01)
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A61B 3/113 (2006.01)
G06F 3/01 (2006.01)
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(51) Int. Cl.
A61L 27/26 (2006.01)
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A47C 17/16 (2006.01)
A47C 17/13 (2006.01)
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(72) WILLIAMS, Earl
(74) AJ PARK

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(21) 2021213192 **(22)** 29.01.2021
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(51) Int. Cl.
A61F 7/00 (2006.01)
A61F 7/08 (2006.01)
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(21) 2021214378 **(22)** 28.01.2021
(54) Lighting assembly and light head including same
(51) Int. Cl.
F21V 19/00 (2006.01)
F21V 21/28 (2006.01)
F21V 21/40 (2006.01)
F21W 131/205 (2006.01)
F21Y 103/33 (2016.01)
F21Y 105/18 (2016.01)
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A61F 7/00 (2006.01)
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(51) Int. Cl.
A61K 9/28 (2006.01)
A61K 31/496 (2006.01)
A61P 9/04 (2006.01)
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B61L 27/00 (2006.01)
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(54) A compact turbine-compressor assembly
(51) Int. Cl.
F02B 39/00 (2006.01)
F01D 25/24 (2006.01)
F02C 6/12 (2006.01)
F04D 17/10 (2006.01)
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(72) ANDREWS, Nathan Geoffrey
(74) Michael Buck IP

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(54) Folate preparations for the treatment of ocular diseases
(51) Int. Cl.

A61K 31/519 (2006.01)
A61K 31/047 (2006.01)
A61K 31/065 (2006.01)
A61K 31/07 (2006.01)
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A61K 31/205 (2006.01)
A61K 31/221 (2006.01)
A61K 31/355 (2006.01)
A61K 31/375 (2006.01)
A61K 31/4415 (2006.01)
A61K 31/51 (2006.01)
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A61K 31/593 (2006.01)
A61K 31/675 (2006.01)
A61K 31/7008 (2006.01)
A61K 31/714 (2006.01)
A61K 33/04 (2006.01)
A61K 33/30 (2006.01)
A61K 33/34 (2006.01)
A61P 27/02 (2006.01)

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(54) Disinfectant compositions
(51) Int. Cl.
A61Q 19/10 (2006.01)
A61K 8/34 (2006.01)
A61K 8/39 (2006.01)
A61K 8/41 (2006.01)
A61K 8/44 (2006.01)
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(54) Methods for sequencing biopolymers
(51) Int. Cl.
C12Q 1/6869 (2018.01)
C12M 1/34 (2006.01)
C12Q 1/6825 (2018.01)
G01N 27/327 (2006.01)
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(72) LINDSAY, Stuart
(74) Davies Collison Cave Pty Ltd

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(54) Methods to treat cancer using (R)-N-(3-fluoro-4-((3-((1-hydroxypropan-2-yl)amino)-1H-pyrazolo(3,4-b)pyridin-4-yl)oxy)phenyl)-3-(4-fluorophenyl)-1-isopropyl-2,4-dioxo-1,2,3,4-tetrahydropyrimidine-5-carboxamide
(51) Int. Cl.
A61K 31/513 (2006.01)
A61K 39/395 (2006.01)
A61K 45/06 (2006.01)
A61P 27/02 (2006.01)
A61P 35/00 (2006.01)
A61P 35/02 (2006.01)
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 (54) Methods, systems, and devices for steering packets across multiple access technologies
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H04L 12/66 (2006.01)
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H04M 7/12 (2006.01)
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 (21) 2021228470 (22) 26.02.2021
 (54) Electrolytic tank and method for manufacturing electrolytic tank
 (51) Int. Cl.
C25B 9/63 (2021.01)
C25B 9/00 (2021.01)
C25B 9/23 (2021.01)
C25B 13/02 (2006.01)
C25B 15/00 (2006.01)
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 (74) Griffith Hack

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 (54) Urinal flush assembly
 (51) Int. Cl.
B05B 1/26 (2006.01)
E03D 1/00 (2006.01)
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E03D 5/00 (2006.01)
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 (72) PORMENTILLA, Beda Angelo
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 (51) Int. Cl.
G06K 19/07 (2006.01)
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 (54) Automated three-dimensional building model estimation
 (51) Int. Cl.
G06F 17/10 (2006.01)
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 (31) 62/983,509 (32) 28.02.20 (33) US
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 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

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 (54) Methods and treatment involving excess free LIGHT
 (51) Int. Cl.
C07K 16/24 (2006.01)
A61P 29/00 (2006.01)
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 (51) Int. Cl.
A61K 39/395 (2006.01)
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 (72) EHNINGER, Armin
 (74) FPA Patent Attorneys Pty Ltd

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 (11) AU-A-2021213822
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 (54) ASGPR-binding compounds for the degradation of extracellular proteins
 (51) Int. Cl.
C07K 16/28 (2006.01)
A61K 31/04 (2006.01)

C07K 14/56 (2006.01)
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B01J 3/03 (2006.01)
B01J 3/02 (2006.01)
B65D 21/02 (2006.01)
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 (54) Methods of preparing chiral benzodiazepinone derivatives
 (51) Int. Cl.
C07D 243/18 (2006.01)
C07D 243/26 (2006.01)
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 (54) Method of forming precursor into a Ti alloy article
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C22F 1/18 (2006.01)
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 (54) Expanded ball seat
 (51) Int. Cl.
E21B 34/14 (2006.01)
E21B 33/127 (2006.01)
E21B 33/128 (2006.01)
E21B 34/06 (2006.01)

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(54) Improved products derived from green bananas or plantains
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A23K 50/20 (2016.01)
A23B 7/02 (2006.01)
A23K 10/30 (2016.01)
A23K 30/20 (2016.01)
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(54) Guidewire-management devices and methods thereof
(51) Int. Cl.
A61M 25/09 (2006.01)
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(74) FB Rice Pty Ltd
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- (71) BASF Coatings GmbH
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(54) Method and device for deploying and using an image similarity metric with deep learning
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G06T 7/90 (2017.01)
G01J 3/46 (2006.01)
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(54) Kit-of-parts for curable polyaspartic acid ester-based coating compositions
(51) Int. Cl.
C08G 18/38 (2006.01)
C08G 18/79 (2006.01)
C09D 175/04 (2006.01)
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C03B 19/10 (2006.01)
C03C 3/083 (2006.01)
C03C 11/00 (2006.01)
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(54) Herbicidal malonamides
(51) Int. Cl.
C07D 233/64 (2006.01)
A01N 37/00 (2006.01)
C07C 15/04 (2006.01)
C07D 305/08 (2006.01)
C07D 307/16 (2006.01)
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(54) Polyolefin compositions
(51) Int. Cl.
C08K 3/016 (2018.01)
C08K 3/20 (2006.01)
C08K 3/22 (2006.01)
C08K 3/26 (2006.01)
C08K 5/00 (2006.01)
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C08K 5/3492 (2006.01)
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G06F 30/25 (2020.01)
B01J 13/00 (2006.01)
C09B 67/08 (2006.01)
C09B 69/00 (2006.01)
C09D 5/00 (2006.01)
G06F 111/08 (2020.01)
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A01P 21/00 (2006.01)
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A61P 27/02 (2006.01)
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 A61P 35/00 (2006.01)
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B65D 47/20 (2006.01)
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A61K 31/7105 (2006.01)
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B67D 1/02 (2006.01)
B67D 1/04 (2006.01)
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A61K 31/568 (2006.01)
A61K 31/575 (2006.01)
A61P 25/08 (2006.01)
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C07D 487/04 (2006.01)
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F16K 5/06 (2006.01)
B23K 9/16 (2006.01)
C22C 14/00 (2006.01)
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C23C 8/24 (2006.01)
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B01D 29/05 (2006.01)
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E02F 9/26 (2006.01)
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C09K 11/06 (2006.01)
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(54) Microcrystalline glass, and microcrystalline glass product and manufacturing method therefor
(51) Int. Cl.
C03C 10/04 (2006.01)
C03B 27/03 (2006.01)
C03B 32/02 (2006.01)
C03C 1/04 (2006.01)
C03C 3/097 (2006.01)
C03C 4/02 (2006.01)
C03C 10/02 (2006.01)
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C03C 21/00 (2006.01)
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 (51) Int. Cl.
C07K 14/47 (2006.01)
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A61B 5/00 (2006.01)
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A61K 38/20 (2006.01)
A61P 25/28 (2006.01)
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H02K 29/08 (2006.01)
H02K 1/14 (2006.01)
H02K 1/27 (2006.01)
H02K 11/215 (2016.01)
H02P 6/16 (2016.01)
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C07C 51/09 (2006.01)
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C07C 59/68 (2006.01)
C07C 67/30 (2006.01)
C07C 69/712 (2006.01)
C07C 211/27 (2006.01)
C07C 211/29 (2006.01)
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C07C 231/02 (2006.01)
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H02J 4/00 (2006.01)
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H04L 1/00 (2006.01)
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B29C 41/04 (2006.01)
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B32B 15/085 (2006.01)
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B32B 27/08 (2006.01)
B32B 27/10 (2006.01)
B32B 27/30 (2006.01)
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H01M 50/533 (2021.01)
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A61N 5/06 (2006.01)
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A61H 31/00 (2006.01)
A61B 5/00 (2006.01)
A61B 5/024 (2006.01)
A61N 1/39 (2006.01)
G16H 20/40 (2018.01)
G16H 40/60 (2018.01)
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A61F 2/95 (2013.01)
A61M 25/00 (2006.01)
A61M 25/06 (2006.01)
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(54) Materials handling vehicle and goods storage and retrieval system comprising mobile storage carts, transporters, and materials handling vehicles
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- B66F 9/07** (2006.01)
B65G 1/04 (2006.01)
B65G 1/137 (2006.01)
B66F 9/06 (2006.01)
B66F 9/12 (2006.01)
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B65G 1/04 (2006.01)
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A61K 9/127 (2006.01)
A61K 31/136 (2006.01)
A61P 35/00 (2006.01)
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B65D 81/24 (2006.01)
B65D 25/20 (2006.01)
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(54) Materials handling vehicle and goods storage and retrieval system comprising mobile storage carts, transporters, and materials handling vehicles
- (51) Int. Cl.

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 (51) Int. Cl.
B65D 81/26 (2006.01)
A01N 25/18 (2006.01)
A01N 59/00 (2006.01)
B65D 75/30 (2006.01)
B65D 77/20 (2006.01)
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A61K 39/12 (2006.01)
A61K 39/295 (2006.01)
C07K 14/705 (2006.01)
C12N 15/86 (2006.01)
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G01J 3/28 (2006.01)
A61B 5/00 (2006.01)
G01B 9/02 (2006.01)
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C12M 1/40 (2006.01)
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 (54) Method for positioning a patient within an X-ray apparatus
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A61B 6/04 (2006.01)
A61B 5/08 (2006.01)
A61B 5/24 (2021.01)
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E21B 33/14 (2006.01)
E21B 43/10 (2006.01)
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A61K 39/145 (2006.01)
A61P 31/16 (2006.01)
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C12Q 1/6883 (2018.01)
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 (51) Int. Cl.
G16H 50/70 (2018.01)
A61B 5/145 (2006.01)
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 (54) Device and method for analyzing biological samples
 (51) Int. Cl.
B01L 3/00 (2006.01)
C12Q 1/6806 (2018.01)
C12Q 1/6844 (2018.01)
B01L 7/00 (2006.01)
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A61K 31/568 (2006.01)
A61K 9/00 (2006.01)
A61K 9/48 (2006.01)
A61K 47/10 (2017.01)
A61K 47/14 (2017.01)
A61K 47/44 (2017.01)
A61P 5/26 (2006.01)
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 (54) Liquid formulation of GM-CSF for inhalation
 (51) Int. Cl.
A61K 9/00 (2006.01)
A61K 9/08 (2006.01)
A61K 38/19 (2006.01)
A61K 47/10 (2017.01)
A61K 47/26 (2006.01)
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A61P 11/00 (2006.01)
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A61P 31/04 (2006.01)
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 (54) Multi-string section mill
 (51) Int. Cl.
E21B 29/00 (2006.01)
B23B 41/00 (2006.01)
E21B 29/06 (2006.01)
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 (74) Madderns Pty Ltd

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 (54) Anti-transferrin receptor (TfR) antibody and uses thereof
 (51) Int. Cl.
A61K 38/02 (2006.01)
A61K 39/395 (2006.01)
A61K 47/68 (2017.01)
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 Timothy; DESJARDINS, Cody A.;
 QUINN, Brendan
 (74) Davies Collison Cave Pty Ltd

(71) Eat Just, Inc.
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 (54) Pulse protein isolation by ultrafiltration
 (51) Int. Cl.

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A23L 11/30 (2016.01)
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 KAMBAM, Pavan
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 (51) Int. Cl.
E02B 3/12 (2006.01)
A01K 61/70 (2017.01)
A01K 61/73 (2017.01)
A01K 61/77 (2017.01)
E02B 3/04 (2006.01)
E02B 3/06 (2006.01)
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 (43) 02.09.2021
 (72) SELLA, Ido; SAAR, Barak
 (74) Griffith Hack

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 (11) AU-A-2021220864
 (21) 2021220864 (22) 11.02.2021
 (54) Surgical anchoring device, deployment device, and method of use
 (51) Int. Cl.
A61B 17/064 (2006.01)
 (87) WO2021/163342
 (31) 62/972,718 (32) 11.02.20 (33) US
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 (72) RUNNING, Isaac; BALL, Robert, J.;
 SNELL, Douglas; CHURCHILL, R.
 Sean; MCINTYRE, Louis; KEMPER,
 Nathan
 (74) Davies Collison Cave Pty Ltd

(71) Emerging Viral Diagnostics (HK) Limited
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 (21) 2021218254 (22) 10.02.2021
 (54) Point-of-care microfluidic in vitro diagnostic system
 (51) Int. Cl.
G01N 21/17 (2006.01)
G01N 15/14 (2006.01)
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 (31) 62/972,119 (32) 10.02.20 (33) US
 (43) 19.08.2021
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 Yuk Lun; LAU, Johnson Yiu-Nam
 (74) RnB IP Pty Ltd

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 (11) AU-A-2021247075
 (21) 2021247075 (22) 26.03.2021

(54) Predicting curved penetration path of a surgical device
 (51) Int. Cl.
A61B 17/34 (2006.01)
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 (31) 63/001,808 (32) 30.03.20 (33) US
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 (72) TAL, Michael Gabriel; MAGNAZI, Gilad;
 HENN, Ohad; LIVNE, Ron
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 (11) AU-A-2021216908
 (21) 2021216908 (22) 01.02.2021
 (54) Partial knee implants and methods for installing the same
 (51) Int. Cl.
A61B 17/15 (2006.01)
A61B 17/17 (2006.01)
 (87) WO2021/158484
 (31) 62/970,621 (32) 05.02.20 (33) US
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 Vasily; PATEL, Rachel; LA ROSA,
 Anthony J.; MENEGHINI, Robert Michael;
 SPORER, Scott; TAUNTON, Michael;
 BROWNE, James; KIM, Raymond;
 JANKIEWICZ, Joseph; MCBRIDE,
 Mark; PALUMBO, Brian T.; BRADLEY,
 Michael Patrick
 (74) Davies Collison Cave Pty Ltd

(71) Encore Medical, LP DBA DJO Surgical
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 (21) 2020437666 (22) 25.03.2020
 (54) Joint implants having porous structures formed utilizing additive manufacturing and related systems and methods
 (51) Int. Cl.
B22F 3/105 (2006.01)
A61F 2/38 (2006.01)
B22F 3/11 (2006.01)
B22F 5/10 (2006.01)
B33Y 10/00 (2015.01)
B33Y 50/00 (2015.01)
B33Y 80/00 (2015.01)
G06F 30/10 (2020.01)
 (87) WO2021/194486
 (43) 30.09.2021
 (72) PATEL, Rachel; BORCHERT, Jeremy;
 GREEN, John; DREW, Alex
 (74) AJ PARK

(71) Encore Medical, LP DBA DJO Surgical
 (11) AU-A-2021229480
 (21) 2021229480 (22) 02.03.2021
 (54) Surgical tissue retractor holding frame
 (51) Int. Cl.
A61B 17/02 (2006.01)
A61B 90/57 (2016.01)
A61B 17/00 (2006.01)
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 (31) 62/984,363 (32) 03.03.20 (33) US
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 (11) AU-A-2021232008
 (21) 2021232008 (22) 04.03.2021
 (54) Production of sodium metal by dual temperature electrolysis processes
 (51) Int. Cl.
 C25C 1/02 (2006.01)
 C01B 17/06 (2006.01)
 C10G 19/00 (2006.01)
 C10G 32/02 (2006.01)
 C25C 3/02 (2006.01)
 C25C 7/00 (2006.01)
 (87) WO2021/178718
 (31) 62/985,287 (32) 04.03.20 (33) US
 (43) 10.09.2021
 (72) ROBINS, Mathew Richard; BHAV-
 ARAJU, Sai Venkata; FLINDERS,
 Roger Marc; HINKLIN, Thomas
 Ray; HUGHES, Steven William;
 MAKOWSKY, Mykola
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- (71) Evolved By Nature, Inc.
 (11) AU-A-2021209127
 (21) 2021209127 (22) 16.01.2021
 (54) Silk coated leather and products and methods of preparing the same
 (51) Int. Cl.
 C08L 89/00 (2006.01)
 D06M 15/00 (2006.01)
 D06M 15/01 (2006.01)
 (87) WO2021/146654
 (31) 62/966,296 (32) 27.01.20 (33) US
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 (43) 22.07.2021
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 Sara; UFRET, Maria; ALTMAN, Gregory
 H.; BOSQUES, Carlos J.; COSTACHE,
 Marius
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- (71) ExsoMed Corporation
 (11) AU-A-2021232937
 (21) 2021232937 (22) 10.03.2021
 (54) Orthopedic implants and instruments for delivering the same
 (51) Int. Cl.
 A61B 17/72 (2006.01)
 A61B 17/86 (2006.01)
 A61B 17/88 (2006.01)
 (87) WO2021/183647
 (31) 62/988,298 (32) 11.03.20 (33) US
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 (72) CHAMPAGNE, Lloyd P.; ZOLDOS,
 Jozef; EHMKE, Larry; ZWOLINSKI, Mi-
 chael
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- (71) Extensor, LLC
 (11) AU-A-2021228764
 (21) 2021228764 (22) 27.02.2021
 (54) Implantable knee prosthesis with integ-
 rated prosthetic extensor mechanism
 (51) Int. Cl.
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- (71) F. Hoffmann-La Roche AG
 (11) AU-A-2021294219
 (21) 2021294219 (22) 14.06.2021
 (54) Process for making hydroxylated cyclo-
 pentylpyrimidine compounds
 (51) Int. Cl.
 C07D 239/70 (2006.01)
 (87) WO2021/254920
 (31) 20180148.7 (32) 16.06.20 (33) EP
 (43) 23.12.2021
 (72) KALDRE, Dainis; SEDELMEIER, Joerg
 (74) Griffith Hack
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- (71) Faculdades Católicas
 (11) AU-A-2021237987
 (21) 2021237987 (22) 15.03.2021
 (54) N-acyl-hydrazone compounds, use in
 the treatment of amyloid and non-amylo-
 id degenerative aggregopathies, and
 pharmaceutical composition
 (51) Int. Cl.
 C07D 233/64 (2006.01)
 A61K 31/4164 (2006.01)
 A61P 3/10 (2006.01)
 A61P 25/16 (2006.01)
 A61P 25/28 (2006.01)
 A61P 27/12 (2006.01)
 C07D 401/12 (2006.01)
 C07D 403/12 (2006.01)
 C07D 405/12 (2006.01)
 C07D 409/12 (2006.01)
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 CUKIERMAN REY, Daphne
 (74) FB Rice Pty Ltd
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 (11) AU-A-2021227729
 (21) 2021227729 (22) 25.02.2021
 (54) Flow rate estimation of a fluent solid
 material in a generally horizontal pipe
 (51) Int. Cl.
 G01F 1/00 (2006.01)
 G01F 1/05 (2006.01)
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 (72) CHOPARD, Marcelin Ragot; FOR-
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 MARK ATTORNEYS PTY LTD
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 veira, E.
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 met with automated visor
 (51) Int. Cl.
 A42B 3/22 (2006.01)
 A42B 3/04 (2006.01)
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 (72) SOARES DE OLIVEIRA, Elimar
 (74) Alder IP Pty Ltd
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- (71) Field Upgrading USA, Inc.
 (11) AU-A-2021230364
 (21) 2021230364 (22) 04.03.2021
 (54) Rechargeable hybrid sodium metal-sul-
 fur battery
 (51) Int. Cl.
 H01M 10/24 (2006.01)
 H01M 10/39 (2006.01)
 H01M 10/615 (2014.01)
 H01M 50/70 (2021.01)
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 Roger Marc; HINKLIN, Thomas
 Ray; HUGHES, Steven William;
 MAKOWSKY, Mykola; ROBINS, Math-
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- (71) Fireco S.R.L. A Socio Unico
 (11) AU-A-2021232131
 (21) 2021232131 (22) 02.03.2021
 (54) Pneumatic telescopic column assembly
 (51) Int. Cl.
 F15B 15/16 (2006.01)
 E04H 12/18 (2006.01)
 F15B 15/26 (2006.01)
 F16B 7/10 (2006.01)
 (87) WO2021/176343
 (31) 10202000004345 (32) 02.03.20 (33) IT
 (43) 10.09.2021
 (72) STRIPPOLI, Giancarlo
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- (71) Firefly Automatrix, Inc.
 (11) AU-A-2022215286
 (21) 2022215286 (22) 11.02.2022
 (54) Dynamically calculating a stacking
 head's path during a stacking operation
 (51) Int. Cl.
 A01G 20/15 (2018.01)
 B65G 57/03 (2006.01)
 B65G 61/00 (2006.01)
 (87) WO2022/177827
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 DECKER, William; APOSHIAN, Daniel
 A.
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 (54) An ear insert
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A61F 11/00 (2006.01)
H04R 1/10 (2006.01)
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 (31) 2004011.9 (32) 19.03.20 (33) GB
 (43) 23.09.2021
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- (71) Flow Pharma, Inc.
 (11) AU-A-2021239983
 (21) 2021239983 (22) 16.03.2021
 (54) Injectable formulation of poly(lactic-co-glycolic (PLGA)) microspheres encapsulating siltuximab
 (51) Int. Cl.
A61K 35/17 (2015.01)
A61K 39/00 (2006.01)
A61K 39/395 (2006.01)
A61K 45/06 (2006.01)
A61P 11/00 (2006.01)
A61P 19/02 (2006.01)
 (87) WO2021/188504
 (31) 62/991,456 (32) 18.03.20 (33) US
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 (72) RUBSAMEN, Reid M.; BURKHOLTZ, Scott; HERST, Charles V.; HODGE, Tom; WANG, Lu
 (74) Davies Collison Cave Pty Ltd
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- (71) Frito-Lay North America, Inc.
 (11) AU-A-2021238401
 (21) 2021238401 (22) 22.03.2021
 (54) System and method for impulse purchase prompting
 (51) Int. Cl.
G06Q 30/02 (2012.01)
G06Q 20/32 (2012.01)
G06Q 30/06 (2012.01)
 (87) WO2021/189045
 (31) 62/992,848 (32) 20.03.20 (33) US
 (43) 23.09.2021
 (72) PHILLIPS, John S.; MAYFIELD, George Benjamin
 (74) James & Wells Intellectual Property
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- (71) Fusetec 3D Pty Ltd
 (11) AU-A-2022204897
 (21) 2022204897 (22) 04.03.2022
 (54) Surgical airway mask
 (51) Int. Cl.
A61M 16/06 (2006.01)
 (31) 2021900634 (32) 05.03.21 (33) AU
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 (72) ROE, Mark; SOBEY, Sammuell
 (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD
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- (71) G2GBIO, INC.
 (11) AU-A-2021219556
 (21) 2021219556 (22) 15.02.2021
- (54) Pharmaceutical composition comprising sustained-release microspheres including GLP-1 analogue or pharmaceutically acceptable salt thereof
 (51) Int. Cl.
A61K 9/16 (2006.01)
A61K 38/26 (2006.01)
A61K 47/12 (2006.01)
A61P 3/04 (2006.01)
A61P 3/06 (2006.01)
A61P 9/10 (2006.01)
A61P 25/28 (2006.01)
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 (31) 10-2020-0018640 (32) 14.02.20 (33) KR
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 (72) NA, Yongha; WON, Dongpil; KIM, Yejin; LEE, Juhan; CHOE, Heekyoung; SEOL, Eunyoung; LEE, Heeyong
 (74) FB Rice Pty Ltd
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- (71) GAIA BioMedicine Inc.
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 (21) 2021230860 (22) 02.03.2021
 (54) Method for treating highly active NK cells
 (51) Int. Cl.
C12N 1/04 (2006.01)
A61K 9/10 (2006.01)
A61K 35/17 (2015.01)
A61K 47/02 (2006.01)
A61K 47/12 (2006.01)
A61P 31/12 (2006.01)
A61P 35/00 (2006.01)
A61P 37/04 (2006.01)
C12N 5/071 (2010.01)
C12N 5/0783 (2010.01)
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 (31) 2020-035297 (32) 02.03.20 (33) JP
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 (72) HARADA, Yui; YONEMITSU, Yoshikazu
 (74) RnB IP Pty Ltd
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- (71) GammaDelta Therapeutics Limited
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 (21) 2021225390 (22) 24.02.2021
 (54) Ex vivo gamma delta T cell populations
 (51) Int. Cl.
A61K 39/395 (2006.01)
 (87) WO2021/171003
 (31) 2002581.3 (32) 24.02.20 (33) GB
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 (11) AU-A-2021227663
 (21) 2021227663 (22) 24.02.2021
 (54) Efficient genome editing in primary myeloid cells
 (51) Int. Cl.
C12N 5/0786 (2010.01)
C12N 5/0784 (2010.01)
C12N 15/113 (2010.01)
C12N 15/87 (2006.01)
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 63/010,476 15.04.20 US
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- (71) Genevant Sciences GmbH
 (11) AU-A-2021218409
 (21) 2021218409 (22) 11.02.2021
 (54) Cationic lipids for lipid nanoparticle delivery of therapeutics to hepatic stellate cells
 (51) Int. Cl.
A61K 31/337 (2006.01)
A61K 31/7088 (2006.01)
A61K 45/06 (2006.01)
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 (74) Davies Collison Cave Pty Ltd
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- (71) Genfit
 (11) AU-A-2021219286
 (21) 2021219286 (22) 04.02.2021
 (54) Polymorphs of elafibranor
 (51) Int. Cl.
C07C 323/62 (2006.01)
A61K 31/192 (2006.01)
A61P 1/16 (2006.01)
 (87) WO2021/160520
 (31) PCT/ (32) 10.02.20 (33) EP
 EP2020/053359
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 (74) Davies Collison Cave Pty Ltd
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- (71) Genfit
 (11) AU-A-2021220519
 (21) 2021220519 (22) 04.02.2021
 (54) Treatment of primary biliary cholangitis with elafibranor
 (51) Int. Cl.
A61K 31/192 (2006.01)
A61K 9/20 (2006.01)
A61P 1/16 (2006.01)
 (87) WO2021/160519
 (31) 20305124.8 (32) 10.02.20 (33) EP
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 (72) PETIT, Stéphanie; MOUTON, Julie; DIETRICH, Julie; OLHAYE, Omar; BIRMAN, Pascal
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- (71) Genzyme Corporation
 (11) AU-A-2021213786
 (21) 2021213786 (22) 29.01.2021
 (54) Modified adeno-associated viral capsid proteins for ocular gene therapy and methods of use thereof
 (51) Int. Cl.
C07K 14/005 (2006.01)
A61K 48/00 (2006.01)

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(31) 62/967,416 **(32)** 29.01.20 **(33)** US
(43) 05.08.2021
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(74) Griffith Hack
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- (71)** Georg Robert Eitelhuber
(11) AU-A-2021226212
(21) 2021226212 **(22)** 01.03.2021
(54) System for stabilizing a track-wheel based device on a support track
(51) Int. Cl.
B25J 5/02 (2006.01)
B25J 19/00 (2006.01)
H02S 40/10 (2014.01)
(87) WO2021/171271
(31) 16/802,649 **(32)** 27.02.20 **(33)** US
(43) 02.09.2021
(72) ROBERT EITELHUBER, Georg; RAHIM, Abdul; SCHNEIDER, Steven
(74) Patenteur Pty Ltd
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- (71)** Get-Grin Inc.
(11) AU-A-2021227914
(21) 2021227914 **(22)** 25.02.2021
(54) Systems and methods for remote dental monitoring
(51) Int. Cl.
A61B 1/24 (2006.01)
A61B 1/00 (2006.01)
A61B 1/06 (2006.01)
A61B 5/00 (2006.01)
(87) WO2021/173867
(31) 62/981,747 **(32)** 26.02.20 **(33)** US
(43) 02.09.2021
(72) OREN-ARTZI, Pamela Sharon; LIPNIK, Alon Luis; SCHULHOF, Adam Benjamin
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71)** Graco Minnesota Inc.
(11) AU-A-2021239406
(21) 2021239406 **(22)** 18.03.2021
(54) Independent heated hose
(51) Int. Cl.
B05B 7/16 (2006.01)
(87) WO2021/189076
(31) 62/991,376 **(32)** 18.03.20 **(33)** US
(43) 23.09.2021
(72) PETERSON, Nicholas P.; SCHNEIDER, Stephen P.; BRUDEVOLD, Mark J.; SMITH, Matthew R.; TIX, Joseph E.
(74) Spruson & Ferguson
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- (71)** GRAIL, LLC.
(11) AU-A-2021228737
(21) 2021228737 **(22)** 26.02.2021
(54) Identifying methylation patterns that discriminate or indicate a cancer condition
(51) Int. Cl.
G16B 30/00 (2019.01)
G16B 40/20 (2019.01)
(87) WO2021/174072
(31) 62/983,443 **(32)** 28.02.20 **(33)** US
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- (43)** 02.09.2021
(72) MELTON, Collin; HUBBELL, Earl; VENN, Oliver Claude
(74) James & Wells Intellectual Property
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- (71)** Gürok Holding B.V.
(11) AU-A-2021317101
(21) 2021317101 **(22)** 28.07.2021
(54) Glass-ceramic compositions, articles, and methods of making the same
(51) Int. Cl.
C03C 3/085 (2006.01)
C03C 10/00 (2006.01)
(87) WO2022/024007
(31) 63/057,404 **(32)** 28.07.20 **(33)** US
(43) 03.02.2022
(72) MAURO, John C.; LUO, Ye
(74) RnB IP Pty Ltd
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(21) 2020422374 **(22)** 30.12.2020
(54) Method of producing a composition for the treatment of cardiovascular and cerebrovascular diseases
(51) Int. Cl.
A61P 9/00 (2006.01)
A61K 9/08 (2006.01)
A61K 31/115 (2006.01)
(87) WO2021/145841
(31) 2020/00720 **(32)** 17.01.20 **(33)** TR
(43) 22.07.2021
(72) HABERDAR, Aslan Yavuz
(74) FPA Patent Attorneys Pty Ltd
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- (71)** Hadasit Medical Research Services and Development Ltd
(11) AU-A-2021217240
(21) 2021217240 **(22)** 03.02.2021
(54) Diagnosis of congenital cytomegalovirus infection
(51) Int. Cl.
G01N 33/68 (2006.01)
(87) WO2021/156860
(31) 62/969,176 **(32)** 03.02.20 **(33)** US
(43) 12.08.2021
(72) WOLF, Dana
(74) PIPERS
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- (71)** Hain, R.J.M.
(11) AU-A-2021202736
(21) 2021202736 **(22)** 17.03.2021
(54) System and method for Proof of View via blockchain
(51) Int. Cl.
G06Q 30/00 (2012.01)
(87) WO2021/079359
(31) 17/192,045 **(32)** 04.03.21 **(33)** US
(43) 29.04.2021
(72) HAIN, Robert James Mark
(74) Eagar & Associates Pty Ltd
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- (71)** Halliburton Energy Services, Inc.
(11) AU-A-2020449551
(21) 2020449551 **(22)** 03.06.2020
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- (54)** Methods and compositions for mitigating fluid loss from well ballooning
(51) Int. Cl.
E21B 43/26 (2006.01)
C09K 8/62 (2006.01)
E21B 43/12 (2006.01)
(87) WO2021/242272
(31) 16/887,212 **(32)** 29.05.20 **(33)** US
(43) 02.12.2021
(72) PATIL, Sandip Prabhakar; AGAPIOU, Kyriacos; OSBORNE, Paul Michael; PANGU, Ganesh Shrinivas
(74) Spruson & Ferguson
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- (71)** Hanmi Pharm. Co., Ltd.
(11) AU-A-2021249767
(21) 2021249767 **(22)** 12.03.2021
(54) Oral complex tablet comprising sitagliptin, dapagliflozin, and metformin
(51) Int. Cl.
A61K 9/24 (2006.01)
A61K 9/20 (2006.01)
A61K 31/155 (2006.01)
A61K 31/4985 (2006.01)
A61K 31/7034 (2006.01)
(87) WO2021/201461
(31) 10-2020-0038568 **(32)** 30.03.20 **(33)** KR
(43) 07.10.2021
(72) TAK, Jin Wook; KIM, Bo Sik; KWON, Taek Kwan; IM, Ho Taek; KIM, Yong Il
(74) Griffith Hack
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- (71)** Hardolass Holdings Co.,Ltd.
(11) AU-A-2020450380
(21) 2020450380 **(22)** 01.09.2020
(54) Coating material and coating method
(51) Int. Cl.
B05D 7/24 (2006.01)
A01N 31/08 (2006.01)
A01N 59/16 (2006.01)
A01P 1/00 (2006.01)
A01P 3/00 (2006.01)
C09D 5/14 (2006.01)
C09D 7/61 (2018.01)
C09D 7/63 (2018.01)
C09D 183/02 (2006.01)
C09D 183/16 (2006.01)
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B67D 1/04 (2006.01)
B67D 1/08 (2006.01)
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A61K 47/64 (2017.01)
A61P 35/00 (2006.01)
C07K 16/30 (2006.01)
G01N 33/53 (2006.01)
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 arator and a method of manufacturing a
 separator
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E03F 5/10 (2006.01)
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 A61P 25/00 (2006.01)
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 (51) Int. Cl.
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 A61K 31/137 (2006.01)
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 C05C 1/00 (2006.01)
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 C05D 1/00 (2006.01)
 C05F 3/00 (2006.01)
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 A61K 31/53 (2006.01)
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 A61B 5/00 (2006.01)
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 G16H 40/67 (2018.01)
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 G01N 33/483 (2006.01)
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G06F 16/90 (2019.01)
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 (51) Int. Cl.
A61B 17/32 (2006.01)
A61B 17/3207 (2006.01)
A61B 17/00 (2006.01)
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 (54) Wheelchair and suspension systems
 (51) Int. Cl.
A61G 5/10 (2006.01)
A61G 5/04 (2013.01)
A61G 5/06 (2006.01)
 (87) WO2021/173427
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A01G 17/06 (2006.01)
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 (51) Int. Cl.
B66B 29/04 (2006.01)
B66B 25/00 (2006.01)
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 (21) 2021235262 (22) 04.03.2021
 (54) Manufacturing method for sensor transmitter for continuous glucose monitoring
 (51) Int. Cl.
G06Q 10/06 (2012.01)
G06K 19/06 (2006.01)
G06Q 10/08 (2012.01)
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 (31) 10-2020-0030306 (32) 11.03.20 (33) KR
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 (74) H & H Lawyers
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 (21) 2021257283 (22) 16.03.2021
 (54) Apparatus for measuring biometric information
 (51) Int. Cl.
A61B 5/145 (2006.01)
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A61B 5/1473 (2006.01)
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 (31) 10-2020-0044830 (32) 13.04.20 (33) KR
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 (54) Method for calculating calibration sensitivity of sensor for insertion into body
 (51) Int. Cl.
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A61K 31/519 (2006.01)
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A61K 31/517 (2006.01)
A61P 35/00 (2006.01)
C07D 401/14 (2006.01)
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 ament conjugate **(74)** Spruson & Ferguson **D21H 21/20** (2006.01)
(51) Int. Cl. **D21H 27/10** (2006.01)
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(54) Structure for therapeutic applications
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(54) Disposable indicator component for
 measuring analyte concentration in
 bodily fluids
(51) Int. Cl.
A61B 5/20 (2006.01)
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A61B 5/103 (2006.01)
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 lyte concentration in bodily fluids
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A61B 10/00 (2006.01)
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C07F 9/38 (2006.01)
A61K 31/10 (2006.01)
A61K 31/662 (2006.01)
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A61P 1/06 (2006.01)
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 stances for cosmetic uses
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 od for surface sizing
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 methods
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 using the same in the treatment or pre-
 vention of infections
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A61K 36/38 (2006.01)
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A61K 9/10 (2006.01)
A61K 31/155 (2006.01)
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A47K 10/16 (2006.01)
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D21F 11/12 (2006.01)
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C07D 233/56 (2006.01)
A01N 43/50 (2006.01)
A01N 43/653 (2006.01)
A01N 47/02 (2006.01)
A01P 1/00 (2006.01)
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C07D 249/08 (2006.01)
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G05B 19/10 (2006.01)
A47C 1/024 (2006.01)
A47C 1/032 (2006.01)
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H04L 61/30 (2022.01)
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H04L 1/00 (2006.01)
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H04L 5/00 (2006.01)
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H04W 72/04 (2009.01)
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C11B 7/00 (2006.01)
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C07K 16/18 (2006.01)
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A01K 74/00 (2006.01)
B08B 1/02 (2006.01)
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 (51) Int. Cl.
 A61K 35/74 (2015.01)
 A23K 10/16 (2016.01)
 A23L 33/135 (2016.01)
 A61P 35/00 (2006.01)
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 (54) Pharmaceutical composition comprising genus leuconostoc strain as active ingredient for prevention or treatment of cancer
 (51) Int. Cl.
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 A23L 33/135 (2016.01)
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 (54) Cannabinoid sulfate esters, their salts and uses thereof
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 C07D 311/80 (2006.01)
 A23L 2/52 (2006.01)
 A23L 33/105 (2016.01)
 A61K 31/05 (2006.01)
 A61K 31/343 (2006.01)
 A61K 31/352 (2006.01)
 C07C 211/03 (2006.01)
 C07C 305/24 (2006.01)
 C07D 213/20 (2006.01)
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 (54) Comfort fit slip-resistant eyewear system
 (51) Int. Cl.
 G02C 5/00 (2006.01)
 A61F 9/02 (2006.01)
 G02C 5/12 (2006.01)
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 (11) AU-A-2021227563
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 (54) Switchable adhesive compositions
 (51) Int. Cl.
 A61L 15/42 (2006.01)
 A61L 15/58 (2006.01)
 A61L 24/00 (2006.01)
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 C08L 75/04 (2006.01)
 C09J 175/00 (2006.01)
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 (54) Detecting gut barrier dysfunction and/or cirrhosis
 (51) Int. Cl.
 C07K 16/42 (2006.01)
 G01N 33/53 (2006.01)
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 (51) Int. Cl.
 C12N 9/10 (2006.01)
 A61P 31/04 (2006.01)
 C07K 14/285 (2006.01)
 C12N 15/09 (2006.01)
 C12N 15/52 (2006.01)
 C12N 15/63 (2006.01)
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 (51) Int. Cl.
 A61K 31/137 (2006.01)
 A61K 31/138 (2006.01)
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 A61K 31/27 (2006.01)
 A61K 31/4168 (2006.01)
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 (54) Compositions and methods for immunotherapy of NPM1c-positive cancer
 (51) Int. Cl.
 C07K 16/18 (2006.01)
 A61K 39/00 (2006.01)
 C07K 14/725 (2006.01)
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 (74) Griffith Hack
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- (71) Massachusetts Institute of Technology; Dana-Farber Cancer Institute, Inc.
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 (54) Methods for generating engineered memory-like NK cells and compositions thereof
 (51) Int. Cl.
 A61K 39/00 (2006.01)
 A61K 35/17 (2015.01)
 A61P 35/00 (2006.01)
 C12N 5/10 (2006.01)
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- (71) McBain, H.
 (11) AU-A-2021223859
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 B65G 7/12 (2006.01)
 B66C 1/18 (2006.01)

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A61C 5/42 (2017.01)
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A61B 17/80 (2006.01)
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A61B 90/00 (2016.01)
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(51) Int. Cl.
A61L 24/00 (2006.01)
C07K 7/08 (2006.01)
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G01M 17/02 (2006.01)
B60C 25/00 (2006.01)
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(74) Allens Patent & Trade Mark Attorneys
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A61K 9/00 (2006.01)
A61K 31/502 (2006.01)
A61K 45/06 (2006.01)
A61P 11/00 (2006.01)
A61P 11/16 (2006.01)
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A61K 31/7088 (2006.01)
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(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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B05D 1/00 (2006.01)
A01N 25/00 (2006.01)
A01N 25/34 (2006.01)
A01N 37/36 (2006.01)
A62B 18/02 (2006.01)
B05D 5/00 (2006.01)
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B03B 9/04 (2006.01)
B01D 21/02 (2006.01)
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(74) Allens Patent & Trade Mark Attorneys
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G10L 15/22 (2006.01)
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A61K 35/768 (2015.01)
A61K 38/00 (2006.01)
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 (74) FPA Patent Attorneys Pty Ltd

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G01N 33/487 (2006.01)
B01L 3/00 (2006.01)
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A61K 9/14 (2006.01)

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A61K 31/506 (2006.01)
A61P 35/02 (2006.01)
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 (54) Upper extremity prosthesis
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A61F 2/28 (2006.01)
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 (72) GARRISON, Glenn
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 (54) Compound and radioactive labeling compound
 (51) Int. Cl.
C07D 513/04 (2006.01)
A61K 51/00 (2006.01)
C07F 5/00 (2006.01)
C07K 16/18 (2006.01)
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B32B 27/10 (2006.01)
A01G 9/02 (2018.01)
B32B 27/36 (2006.01)
C08L 101/16 (2006.01)
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B65G 69/20 (2006.01)
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 (54) Anomaly sensing system
 (51) Int. Cl.
A01K 29/00 (2006.01)
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A01K 29/00 (2006.01)
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 (54) Wearable systems, devices, and methods for measurement and analysis of body fluids
 (51) Int. Cl.
A61B 5/145 (2006.01)
A61B 5/00 (2006.01)
A61B 5/1468 (2006.01)
A61B 5/1477 (2006.01)
B01L 10/00 (2006.01)
B01L 3/00 (2006.01)
G01N 33/487 (2006.01)
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 (54) Charged ion channel blockers and methods for use
 (51) Int. Cl.
C07C 237/04 (2006.01)
C07D 207/08 (2006.01)
C07D 207/16 (2006.01)
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 (54) Type XIX collagen assay
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C07K 16/18 (2006.01)
G01N 33/53 (2006.01)
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 (54) System and method for determining user intention from limb or body motion or trajectory to control neuromuscular stimulation or prosthetic device operation
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A61N 1/04 (2006.01)
A61B 5/00 (2006.01)
A61B 5/11 (2006.01)
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A01K 87/00 (2006.01)
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C09K 8/72 (2006.01)
E21B 43/27 (2006.01)
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 (54) Ground penetrating radar apparatus and method
 (51) Int. Cl.
G01V 3/12 (2006.01)
G01S 13/89 (2006.01)
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- (71) Novartis AG
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 (54) Pharmaceutical compositions of lipoic acid choline ester salts and methods of treatment using same
 (51) Int. Cl.
C07D 339/04 (2006.01)
A61K 31/381 (2006.01)
A61P 27/02 (2006.01)
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 (54) Organic water-soluble fertiliser with humic properties
 (51) Int. Cl.
C05C 3/00 (2006.01)
C05F 11/02 (2006.01)
 (87) WO2021/180688
 (31) 20162500.1 (32) 11.03.20 (33) EP
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 (72) NINNEMANN, Horst
 (74) Churchill Attorneys
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 (54) Spectacle lenses with auxiliary optical elements
 (51) Int. Cl.
G02C 7/08 (2006.01)
G02B 3/02 (2006.01)
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 (74) FPA Patent Attorneys Pty Ltd
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 (54) Translation enhancer, translation template mRNA, transcription template DNA, method of producing translation template mRNA, and method of producing protein
 (51) Int. Cl.
C12N 15/113 (2010.01)
C12N 15/63 (2006.01)
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 (54) Fusion signal processing for maternal uterine activity detection
 (51) Int. Cl.
A61B 5/344 (2021.01)
A61B 5/391 (2021.01)

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C07D 498/22 (2006.01)
A61K 31/529 (2006.01)
A61P 35/00 (2006.01)
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C12Q 1/6837 (2018.01)
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C07F 5/02 (2006.01)
A61P 35/00 (2006.01)
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H04N 5/225 (2006.01)
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B08B 3/12 (2006.01)
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G01N 1/34 (2006.01)
G01N 15/08 (2006.01)
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C07H 15/04 (2006.01)
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(51) Int. Cl.
A24D 1/18 (2006.01)
A24D 1/20 (2020.01)
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(51) Int. Cl.
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(51) Int. Cl.
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(51) Int. Cl.
A24B 15/14 (2006.01)
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A24D 1/18 (2006.01)
A24D 1/20 (2020.01)
A24F 47/00 (2020.01)
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(54) Aerosol-generating article with dual hollow tubular segment
(51) Int. Cl.
A24D 1/20 (2020.01)
A24D 3/02 (2006.01)
A24D 3/04 (2006.01)
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A24F 40/465 (2020.01)
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(51) Int. Cl.
A24D 1/20 (2020.01)
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(51) Int. Cl.
A24D 1/20 (2020.01)
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(51) Int. Cl.
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A24D 1/20 (2020.01)
A24F 47/00 (2020.01)
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A61F 13/551 (2006.01)
A61B 34/20 (2016.01)
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A61K 31/4245 (2006.01)
C07D 271/06 (2006.01)
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A61K 31/7016 (2006.01)
A61K 33/242 (2019.01)
A61K 38/12 (2006.01)
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A61P 21/00 (2006.01)
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(54) Probiotic formulation and delivery
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A23K 10/18 (2016.01)
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C12N 1/04 (2006.01)
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A43B 1/06 (2006.01)
A43B 1/10 (2006.01)
A43B 3/00 (2006.01)
A43B 13/12 (2006.01)
A43B 13/18 (2006.01)
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(74) Allens Patent & Trade Mark Attorneys
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C12N 15/113 (2010.01)
A61P 27/00 (2006.01)
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G01N 33/68 (2006.01)
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G06N 10/00 (2019.01)
B82Y 10/00 (2011.01)
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(74) Spruson & Ferguson
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- (71)** Public University Corporation Yokohama City University; Tosoh Corporation
(11) AU-A-2021227181
(21) 2021227181 **(22)** 09.02.2021
(54) Method and reagent for detecting malignant ovarian tumors
(51) Int. Cl.
G01N 33/574 (2006.01)
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(31) 2020-030210 **(32)** 26.02.20 **(33)** JP
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(74) Griffith Hack
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(54) Compositions and methods for naloxone delivery
(51) Int. Cl.
A61K 9/00 (2006.01)
A61K 9/06 (2006.01)
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- (71)** PureTech LYT, Inc.; Monash University
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(54) Lipid prodrugs of neurosteroids
(51) Int. Cl.
A61K 31/56 (2006.01)
A61K 31/57 (2006.01)
A61P 25/16 (2006.01)
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- (71)** Qilu University of Technology
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(54) Ceramic material having crack healing capability and preparation method therefor
(51) Int. Cl.
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- (71)** QINGDAO CCS ELECTRIC CORPORATION
(11) AU-A-2020441878
(21) 2020441878 **(22)** 16.11.2020
(54) Frequency converter IGBT drive control method and control apparatus
(51) Int. Cl.
H02M 1/08 (2006.01)
(87) WO2021/203699
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(11) AU-A-2021251204
(21) 2021251204 **(22)** 08.04.2021
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(51) Int. Cl.
G06T 9/00 (2006.01)
H04N 19/13 (2014.01)
H04N 19/597 (2014.01)
H04N 19/70 (2014.01)
H04N 19/91 (2014.01)
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(74) Madderns Pty Ltd
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(11) AU-A-2021256044
(21) 2021256044 **(22)** 15.04.2021
(54) Adaptive loop filtering for color format support
(51) Int. Cl.
H04N 19/70 (2014.01)
H04N 19/117 (2014.01)
H04N 19/82 (2014.01)
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- (54)** Cable securing device
(51) Int. Cl.
F16G 11/10 (2006.01)
F16G 11/04 (2006.01)
F16L 37/092 (2006.01)
H02G 1/08 (2006.01)
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(21) 2021263889 **(22)** 27.04.2021
(54) Pharmaceutical composition and method for inducing an immune response
(51) Int. Cl.
A61K 39/00 (2006.01)
A61K 39/12 (2006.01)
A61P 31/14 (2006.01)
A61P 35/00 (2006.01)
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(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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(11) AU-A-2021236071
(21) 2021236071 **(22)** 09.03.2021
(54) Dunnage conversion machine for producing a dunnage pad having slit-sheet material therein
(51) Int. Cl.
B31D 5/00 (2017.01)
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(54) Heat exchanger
(51) Int. Cl.
F28D 7/16 (2006.01)
B64D 33/08 (2006.01)
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(74) FB Rice Pty Ltd
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(11) AU-A-2021243466
(21) 2021243466 **(22)** 22.03.2021
(54) Dosing unit and water-bearing household appliance
(51) Int. Cl.
D06F 39/02 (2006.01)

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(74) Spruson & Ferguson
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(21) 2021263568 **(22)** 26.04.2021
(54) BCL-2 protein inhibitors
(51) Int. Cl.
C07D 401/14 (2006.01)
A61K 35/02 (2015.01)
A61P 35/00 (2006.01)
C07D 417/14 (2006.01)
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(31) 63/016,760 **(32)** 28.04.20 **(33)** US
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(74) Griffith Hack
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- (71)** Redefine Meat Ltd.
(11) AU-A-2021243964
(21) 2021243964 **(22)** 24.03.2021
(54) Packed texturized protein units and uses thereof
(51) Int. Cl.
A23J 1/00 (2006.01)
A23J 3/22 (2006.01)
(87) WO2021/191906
(31) 273546 **(32)** 24.03.20 **(33)** IL
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(72) MANDELIK, Daniel; DIKOVSKY, Daniel
(74) James & Wells Intellectual Property
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(11) AU-A-2021226595
(21) 2021226595 **(22)** 27.02.2021
(54) Methods of reducing polysorbate degradation in drug formulations
(51) Int. Cl.
G01N 33/68 (2006.01)
(87) WO2021/174151
(31) 62/982,346 **(32)** 27.02.20 **(33)** US
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(54) Pyridazine derivatives for modulating nucleic acid splicing
(51) Int. Cl.
C07D 403/14 (2006.01)
A61P 25/28 (2006.01)
A61P 35/00 (2006.01)
C07D 409/14 (2006.01)
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(54) Method for producing sulfated polysaccharide and method for producing PAPS
(51) Int. Cl.
C12P 19/32 (2006.01)
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(11) AU-A-2021220981
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(54) Methods for treating tauopathy
(51) Int. Cl.
A61K 31/20 (2006.01)
A61K 45/06 (2006.01)
A61P 25/28 (2006.01)
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(54) Photodynamic therapy and diagnosis
(51) Int. Cl.
C07D 487/22 (2006.01)
A61K 31/41 (2006.01)
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(74) Spruson & Ferguson
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(11) AU-A-2021235894
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- (54)** Contact tracing systems and methods for tracking of shipboard pathogen transmission
(51) Int. Cl.
H04Q 5/22 (2006.01)
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(54) Conveyor-belt drum with sliding regions
(51) Int. Cl.
B65G 23/06 (2006.01)
B65G 39/071 (2006.01)
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(11) AU-A-2021225075
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(54) System and method for management of an electric grid
(51) Int. Cl.
H02J 3/00 (2006.01)
G01R 19/25 (2006.01)
G01R 31/08 (2020.01)
H02J 13/00 (2006.01)
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- (71)** Sakura Finetek USA, Inc.
(11) AU-A-2021305812
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(54) Use of IR spectroscopy to evaluate penetration of reagents into biological specimen
(51) Int. Cl.
G01N 21/552 (2014.01)
G01N 21/3563 (2014.01)
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(11) AU-A-2021218739
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(54) Inhibitors of ULK1/2 and methods of using same
(51) Int. Cl.
A61K 31/495 (2006.01)
A61K 31/505 (2006.01)
A61P 43/00 (2006.01)

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(74) MINTER ELLISON
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(11) AU-A-2021218740
(21) 2021218740 **(22)** 12.02.2021
(54) Mono and combination therapies with ULK1/2 inhibitors
(51) Int. Cl.
A61K 31/505 (2006.01)
A61K 31/506 (2006.01)
C07D 239/02 (2006.01)
(87) WO2021/163633
(31) 62/977,041 **(32)** 14.02.20 **(33)** US
(43) 19.08.2021
(72) COSFORD, Nicholas D.P.; SHAW, Reuben J.; BAKAS, Nicole A.; LIMPERT, Allison S.; BRUN, Sonja N.; VAMOS, Mitchell
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(11) AU-A-2021221162
(21) 2021221162 **(22)** 12.02.2021
(54) Macrocyclic ULK1/2 inhibitors
(51) Int. Cl.
A61K 31/495 (2006.01)
A61K 31/505 (2006.01)
A61P 43/00 (2006.01)
C07D 239/00 (2006.01)
C07D 239/70 (2006.01)
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(11) AU-A-2021214521
(21) 2021214521 **(22)** 29.01.2021
(54) Stable anti-PD-1 antibody pharmaceutical preparation
(51) Int. Cl.
A61K 39/395 (2006.01)
A61K 47/12 (2006.01)
A61K 47/18 (2017.01)
A61K 47/22 (2006.01)
A61K 47/26 (2006.01)
A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
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(11) AU-A-2021233503
(21) 2021233503 **(22)** 10.03.2021
(54) Liquid pharmaceutical composition having improved stability
(51) Int. Cl.
A61K 39/395 (2006.01)
A61K 9/08 (2006.01)
A61K 47/12 (2006.01)
A61K 47/22 (2006.01)
A61K 47/26 (2006.01)
C07K 16/24 (2006.01)
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(54) Electromagnetic coupler arrangement
(51) Int. Cl.
G06K 17/00 (2006.01)
G06K 7/00 (2006.01)
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(87) WO2021/180319
(43) 16.09.2021
(72) FRANK, Markus
(74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD
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(11) AU-A-2021225132
(21) 2021225132 **(22)** 30.08.2021
(54) Structural post for fall arrest and rope access
(51) Int. Cl.
E06C 7/18 (2006.01)
A61B 1/00 (2006.01)
E02D 27/42 (2006.01)
E04G 21/32 (2006.01)
E04H 12/00 (2006.01)
E04H 12/08 (2006.01)
E04H 12/20 (2006.01)
E04H 12/22 (2006.01)
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(72) VOSS, Murray; VOSS, Barry
(74) Actuate Patents
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(54) A cash bag sealing device, a cash depositing system and a method for controlling the same
(51) Int. Cl.
G07D 11/12 (2019.01)
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G07D 11/14 (2019.01)
G07D 11/16 (2019.01)
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(54) Safety valve
(51) Int. Cl.
E21B 34/06 (2006.01)
E21B 17/02 (2006.01)
E21B 33/04 (2006.01)
E21B 43/12 (2006.01)
E21B 47/12 (2012.01)
F16K 31/02 (2006.01)
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(21) 2021228648 **(22)** 24.02.2021
(54) Safety valve with electrical actuators
(51) Int. Cl.
E21B 34/06 (2006.01)
E21B 34/10 (2006.01)
E21B 43/12 (2006.01)
F16K 31/02 (2006.01)
F16K 31/12 (2006.01)
(87) WO2021/173684
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(21) 2021231723 **(22)** 01.03.2021
(54) Systems and methods for enhancing data acquisition operations in seismic surveys
(51) Int. Cl.
G01V 1/38 (2006.01)
G01P 15/08 (2006.01)
G01V 1/00 (2006.01)
G01V 1/02 (2006.01)
G01V 1/28 (2006.01)
G01V 99/00 (2009.01)
G08C 17/02 (2006.01)
(87) WO2021/178286
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 (11) AU-A-2021220598
 (21) 2021220598 (22) 10.02.2021
 (54) Plastic spout and pouch packaging
 (51) Int. Cl.
 B65D 75/58 (2006.01)
 B29C 65/00 (2006.01)
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 2026752 23.10.20 NL
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- (71) Schreder S.A.
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 (21) 2021234979 (22) 09.03.2021
 (54) Luminaire head with improved heatsink
 (51) Int. Cl.
 F21S 8/08 (2006.01)
 F21V 29/81 (2015.01)
 F21W 131/10 (2006.01)
 F21W 131/103 (2006.01)
 F21Y 105/10 (2016.01)
 F21Y 115/10 (2016.01)
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 (43) 16.09.2021
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 (74) Golja Haines & Friend
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 (11) AU-A-2021262506
 (21) 2021262506 (22) 30.04.2021
 (54) Luminaire control device with increased power autonomy
 (51) Int. Cl.
 H05B 47/19 (2020.01)
 H02J 7/00 (2006.01)
 (87) WO2021/219859
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 (72) SECRETIN, Laurent
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 (54) Bending machine
 (51) Int. Cl.
 B21D 7/02 (2006.01)
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B23D 21/00 (2006.01)
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 (54) Ventilating firestop
 (51) Int. Cl.
 A62C 2/06 (2006.01)
 E04B 1/94 (2006.01)
 F16J 15/06 (2006.01)
 F16L 5/04 (2006.01)
 (87) WO2021/194352
 (31) 20200349 (32) 24.03.20 (33) NO
 (43) 30.09.2021
 (72) JENSEN, Geir; STRØM, Ruth Astrid
 (74) Zone Patents Limited
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 (11) AU-A-2021231752
 (21) 2021231752 (22) 02.03.2021
 (54) Bearing extraction from a stuffing box of a rotary mechanical device
 (51) Int. Cl.
 F16J 15/26 (2006.01)
 F04D 29/12 (2006.01)
 (87) WO2021/178373
 (31) 16/809,461 (32) 04.03.20 (33) US
 (43) 10.09.2021
 (72) MONAHAN, Thomas; HUARD, Michael
 (74) AJ PARK
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 (11) AU-A-2021225955
 (21) 2021225955 (22) 26.02.2021
 (54) Methods and compositions using synthetic nanocarriers comprising immunosuppressant
 (51) Int. Cl.
 A61K 31/436 (2006.01)
 A61K 9/51 (2006.01)
 A61K 47/59 (2017.01)
 A61K 47/69 (2017.01)
 A61P 37/06 (2006.01)
 (87) WO2021/174013
 (31) 62/981,602 (32) 26.02.20 (33) US
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 (54) Ventilation control system for an underground
 (51) Int. Cl.
 E21F 1/00 (2006.01)
 F24F 11/30 (2018.01)
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 (31) P202030164 (32) 27.02.20 (33) ES
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 (74) DAVIS IP PTY LTD
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 (51) Int. Cl.
 A61K 38/17 (2006.01)
 A23L 33/13 (2016.01)
 A23L 33/17 (2016.01)
 A61K 31/713 (2006.01)
 A61K 47/68 (2017.01)
 A61K 48/00 (2006.01)
 A61P 3/06 (2006.01)
 A61P 9/00 (2006.01)
 G01N 33/68 (2006.01)
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 A61K 39/395 (2006.01)
 A61P 35/00 (2006.01)
 C12N 5/10 (2006.01)
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 A42B 3/30 (2006.01)
 B62J 45/00 (2020.01)
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 F41G 1/00 (2006.01)
 F41G 1/027 (2006.01)
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 A61P 35/00 (2006.01)
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A61B 17/16 (2006.01)
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A61P 3/00 (2006.01)
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A23L 3/3508 (2006.01)
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(54) Anti-tumor composition
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A61K 35/745 (2015.01)
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(54) Anti-tumor composition
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A61K 35/74 (2015.01)
A61K 39/00 (2006.01)
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(54) Inner sole
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A43B 7/14 (2006.01)
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H04N 21/462 (2011.01)
H04N 21/2343 (2011.01)
H04N 21/466 (2011.01)
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G06Q 10/02 (2012.01)
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A01P 13/00 (2006.01)
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B01J 8/22 (2006.01)
B03D 1/14 (2006.01)
C22B 3/22 (2006.01)
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A61K 31/496 (2006.01)
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H02G 1/10 (2006.01)
F16L 57/02 (2006.01)
H02G 3/04 (2006.01)
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 (51) Int. Cl.
A01N 37/36 (2006.01)
A01N 37/34 (2006.01)
A01N 37/42 (2006.01)
A01N 37/50 (2006.01)
A01N 39/04 (2006.01)
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A01P 3/00 (2006.01)
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 (54) Recombinant bacteria engineered to treat diseases associated with methionine metabolism and methods of use thereof
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C12N 1/21 (2006.01)
C12N 15/00 (2006.01)
C12N 15/09 (2006.01)
C12N 15/52 (2006.01)
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 (54) Method and device for processing tissues and cells
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A01N 43/54 (2006.01)
A01N 43/56 (2006.01)
A01N 43/653 (2006.01)
A01N 43/713 (2006.01)
A01N 43/82 (2006.01)
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C12M 1/42 (2006.01)
A61K 35/35 (2015.01)
A61P 17/02 (2006.01)
C12M 1/00 (2006.01)
C12M 3/06 (2006.01)
C12N 5/077 (2010.01)
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B22D 35/00 (2006.01)
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E02F 9/28 (2006.01)
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G01L 5/101 (2020.01)
B61K 9/10 (2006.01)
B61L 23/04 (2006.01)
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G01M 5/00 (2006.01)
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status of infrastructure
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A61B 5/00 (2006.01)
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via multi-specific antibodies
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 (51) Int. Cl.
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 (51) Int. Cl.
 A61K 8/02 (2006.01)
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 A61Q 13/00 (2006.01)
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 (74) AJ PARK
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 (54) Mint flavor compositions
 (51) Int. Cl.
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 (51) Int. Cl.
 A23G 4/06 (2006.01)
 A23L 27/20 (2016.01)
 A61Q 11/00 (2006.01)
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 A23L 3/00 (2006.01)
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 (51) Int. Cl.
 C09D 171/02 (2006.01)
 A61L 27/34 (2006.01)
 A61L 27/54 (2006.01)
 A61L 31/14 (2006.01)
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 C08G 75/045 (2016.01)
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 A61K 31/4184 (2006.01)
 A61P 29/00 (2006.01)
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 A61P 29/00 (2006.01)
 C07D 401/12 (2006.01)
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 (51) Int. Cl.
 C07F 15/00 (2006.01)
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 C09K 11/06 (2006.01)
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 (51) Int. Cl.
 C12N 15/52 (2006.01)
 A61K 38/47 (2006.01)
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 A61P 43/00 (2006.01)
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 (51) Int. Cl.
 A61K 39/215 (2006.01)
 C07K 14/165 (2006.01)
 C12N 15/863 (2006.01)
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 (54) Process and apparatus for distillation
 (51) Int. Cl.
 C07C 29/80 (2006.01)
 B01D 3/14 (2006.01)
 C07C 31/04 (2006.01)
 (87) WO2022/002720
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C07C 51/02 (2006.01)
C07C 51/09 (2006.01)
C12N 9/04 (2006.01)
C12N 9/24 (2006.01)
C12P 7/56 (2006.01)
C12P 41/00 (2006.01)
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(31) 62/978,338 **(32)** 19.02.20 **(33)** US
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HARNOY, Assaf J.
(74) PIPERS
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(11) AU-A-2021215705
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(54) Method and apparatus for secure display of electronic information
(51) Int. Cl.
G09G 5/397 (2006.01)
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(87) WO2021/155430
(31) 2020900289 **(32)** 03.02.20 **(33)** AU
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RUDZKI, Alexander Kris; TKACZYK, Jakub; HOVINGTON, Luke James; KENNEDY, James McFarlane
(74) Michael Buck IP
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- (71)** TRIUMF Inc.; Provincial Health Services Authority; The University of British Columbia
(11) AU-A-2021226147
(21) 2021226147 **(22)** 25.02.2021
(54) Chelator compositions for radiometals and methods of using same
(51) Int. Cl.
C07D 273/00 (2006.01)
A61K 51/04 (2006.01)
A61K 51/08 (2006.01)
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(74) HENRY HUGHES IP LTD
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(51) Int. Cl.
B60H 1/32 (2006.01)
B60H 1/00 (2006.01)
F24F 13/22 (2006.01)
F25D 21/14 (2006.01)
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(51) Int. Cl.
A61K 31/7008 (2006.01)
A61K 31/4745 (2006.01)
C07D 309/14 (2006.01)
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(51) Int. Cl.
C12N 15/11 (2006.01)
C12Q 1/6827 (2018.01)
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A61K 39/00 (2006.01)
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C07K 14/725 (2006.01)
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C07K 19/00 (2006.01)
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A61P 9/10 (2006.01)
C12N 9/64 (2006.01)
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C21D 6/00 (2006.01)
C21D 6/02 (2006.01)
C21D 6/04 (2006.01)
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(51) Int. Cl.
C07C 59/40 (2006.01)
A61K 31/201 (2006.01)
A61K 31/202 (2006.01)
A61P 9/00 (2006.01)
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G01N 33/68 (2006.01)

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H04R 25/00 (2006.01)
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A61P 37/02 (2006.01)
C12N 15/88 (2006.01)
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(51) Int. Cl.
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C07D 209/30 (2006.01)
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C07F 9/54 (2006.01)
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C07K 14/005 (2006.01)
C07K 14/01 (2006.01)
C07K 14/075 (2006.01)
C12N 15/82 (2006.01)
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E04B 1/343 (2006.01)
F16B 7/00 (2006.01)
F16S 3/04 (2006.01)
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G01C 19/16 (2006.01)
B63B 39/04 (2006.01)
B63H 5/07 (2006.01)
B63H 20/00 (2006.01)
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F02B 61/04 (2006.01)
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G01N 33/574 (2006.01)

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C07D 471/04 (2006.01)
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G06F 3/01 (2006.01)
A63G 31/16 (2006.01)

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A61F 2/07 (2013.01)
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 TRUJILLO, Aniceto
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A61B 8/00 (2006.01)
A61B 34/20 (2016.01)
A61M 25/095 (2006.01)
G02B 30/00 (2020.01)
G06T 7/277 (2017.01)
G06T 15/00 (2011.01)
G16H 30/00 (2018.01)
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C12N 15/113 (2010.01)
A61K 31/7115 (2006.01)
A61K 31/712 (2006.01)
A61K 31/7125 (2006.01)
A61P 25/28 (2006.01)
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E21B 43/08 (2006.01)
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B65D 71/40 (2006.01)
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H04M 1/72505 (2021.01)
H04W 4/80 (2018.01)
H04W 8/26 (2009.01)
H04W 88/04 (2009.01)
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B64C 27/28 (2006.01)
B64C 27/26 (2006.01)
B64C 27/52 (2006.01)
B64C 29/00 (2006.01)
B64C 39/02 (2006.01)
G05D 1/00 (2006.01)
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H04W 84/18 (2009.01)
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C12N 15/12 (2006.01)
A61K 48/00 (2006.01)
A61P 25/00 (2006.01)
A61P 27/02 (2006.01)
C12N 15/63 (2006.01)
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A61K 9/00 (2006.01)
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B65F 1/00 (2006.01)
G01N 23/00 (2006.01)
G06N 20/00 (2019.01)
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A61K 31/201 (2006.01)
C12N 5/0735 (2010.01)
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 (11) AU-A-2021235261
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 (54) Construction method for underwater concrete block structure
 (51) Int. Cl.
E02B 3/06 (2006.01)
E02D 25/00 (2006.01)
E02D 27/52 (2006.01)
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 (54) Automatic swimming pool cleaner especially adapted for climbing and cleaning pool stairs
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E04H 4/16 (2006.01)
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2020430816	Constantia Pirk GmbH & Co. KG	2021214441	Cylite Pty Ltd
2020430989	Takahashi, K.	2021214442	CosmoAesthetics Pty Ltd
2020431760	Singhal, S.; Mehta, A.; Mehta, J.; Mehta, N.	2021214471	LG Electronics Inc.
2020431973	Shenzhen Turier Biotech Co., Ltd.	2021214521	Samsung Bioepis Co., Ltd.
2020432223	Peak Innovations Inc.	2021214534	LISCure Biosciences Co., Ltd.
2020432490	Sener, Ingenieria Y Sistemas, S.A.	2021214552	Cipher Skin
2020433089	Ferreira Da Silva, R.; Soares De Oliveira, E.	2021214564	4C Medical Technologies, Inc.
2020433744	Seoul National University Hospital	2021214577	American Sterilizer Company
2020434084	Mitsubishi Electric Corporation	2021214782	Cepheid
2020434239	Sato Holdings Kabushiki Kaisha	2021214797	Venn Biosciences Corporation
2020435660	Metadatia Technologies S.L.	2021214830	AdvanSix Resins & Chemicals LLC
2020437666	Encore Medical, LP DBA DJO Surgical	2021214831	AdvanSix Resins & Chemicals LLC
2020437982	Japan Lifeline Co., Ltd.	2021214832	AdvanSix Resins & Chemicals LLC
2020438398	Honda Motor Co., Ltd.	2021214866	Oncodesign S.A.
2020440805	Hitachi Energy Switzerland AG	2021214933	Source Global, PBC
2020440834	Wuhan Neurophth Biotechnology Limited Company	2021215069	Adama Makhteshim Ltd.
2020441878	Qingdao CCS Electric Corporation	2021215385	Callidus Process Solutions Pty Ltd
2020445633	Beihang University; Union Hospital Affiliated To Tongji Medical College Of Huazhong University Of Science And Technology	2021215705	Tritium Holdings Pty Ltd
2020449551	Halliburton Energy Services, Inc.	2021215706	Talon Engineering SDN BHD
2020450380	Hardollas Holdings Co.,Ltd.	2021215712	AdrenalinelP
2021202736	Hain, R.J.M.	2021215743	Tsinghua University
2021207514	Optx Solutions, LLC	2021215807	Cohere Technologies, Inc.
2021207547	Percipient.ai Inc.	2021215860	Vecprobio, Inc.
2021209127	Evolved By Nature, Inc.	2021215986	Procure Technologies, Inc.
2021210362	Macfarlane Burnet Institute for Medical Research and Public Health Limited	2021216062	Abiomed, Inc.
2021210378	Combinati Incorporated	2021216134	Yissum Research Development Company of the Hebrew University of Jerusalem Ltd.
2021210527	BASF SE	2021216310	London Pharmaceuticals and Research Corporation
2021210974	Nanocopoeia, LLC	2021216446	United States Steel Corporation
2021212223	4D Pharma Research Limited	2021216630	Diurnal Limited
2021212262	ModernaTX, Inc.	2021216908	Encore Medical, L.P. (d/b/a/ DJO Surgical)
2021212265	PsiQuantum, Corp.	2021216947	Afiniti, Ltd.
2021212298	Invaio Sciences International GmbH	2021217011	Sheltered Wings, Inc. dba Vortex Optics
2021212330	Universitat De Les Illes Balears	2021217146	Bivo, LLC
2021212618	AdvanSix Resins & Chemicals LLC	2021217172	PureTech LYT, Inc.; Monash University
2021212680	HV-Polysaccharides GmbH & Co. KG	2021217206	Nuvo Group Ltd.
2021212727	MX3 Diagnostics, Inc.	2021217239	Allergan Pharmaceuticals International Limited
2021212882	Spiral Turn Co., Ltd	2021217240	Hadasit Medical Research Services and Development Ltd
2021213019	Banana Feeds Australia Pty Ltd	2021217288	Nippon Beet Sugar Manufacturing Co.,Ltd.; Toppan Inc.; National Agriculture and Food Research Organization; Goyo Paper Working Co., Ltd.
2021213029	ProAgni Pty Ltd; Austrianova Singapore Pte Ltd	2021217387	Lindgren, P.
2021213032	CosmoAesthetics Pty Ltd	2021217541	A Hansson Holding AB
2021213034	Xorro Pty Ltd	2021217695	Abiomed, Inc.
2021213036	Petróleo Brasileiro S.A. - Petrobras	2021217961	AI Therapeutics, Inc.
2021213042	Dyne Therapeutics, Inc.	2021218254	Emerging Viral Diagnostics (HK) Limited
2021213076	Morrison, D.; Drylie, V.	2021218409	Genevant Sciences GmbH
2021213137	Shanghai Institute of Materia Medica, Chinese Academy of Sciences	2021218422	Bioxcel Therapeutics, Inc.
2021213185	The Trustees of Dartmouth College; DoseOptics, LLC	2021218456	Ayala Pharmaceuticals Inc.
2021213192	American Sterilizer Company	2021218497	Betta Pharmaceuticals Co., Ltd
2021213243	HOVER Inc.	2021218706	Absci Corporation
		2021218739	Salk Institute for Biological Studies; Sanford Burnham Prebys Medical Discovery Institute

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2021218740	Salk Institute for Biological Studies; Sanford Burnham Prebys Medical Discovery Institute	2021226147	TRIUMF Inc.; Provincial Health Services Authority; The University of British Columbia
2021218871	CSPC Zhongqi Pharmaceutical Technology (Shijiazhuang) Co., Ltd.	2021226155	Novamera Inc.
2021218927	Shanghai Escugen Biotechnology Co., Ltd.	2021226212	Georg Robert Eitelhuber
2021219019	Diamond Invention Ug (haftungsbeschraenkt)	2021226378	Sharkgulf Technology (Qingdao) Co., Ltd.
2021219072	Prilenia Neurotherapeutics Ltd.	2021226411	Jaguahr Therapeutics Pte Ltd
2021219286	Genfit	2021226468	Becton, Dickinson and Company
2021219556	G2GBIO, INC.	2021226469	Nottingham-Spirk Design Associates, Inc.
2021219800	Spraying Systems Co.	2021226553	SPH Sine Pharmaceutical Laboratories Co., Ltd
2021219991	Cheminova A/S	2021226589	TexaRoba Technology Inc.
2021220297	Lantmännen Unibake Holding A/S	2021226592	Tonix Pharma Limited; The Governors of The University of Alberta
2021220519	Genfit	2021226595	Regeneron Pharmaceuticals, Inc.
2021220598	Scholle IPN IP B.V.	2021226644	Caterpillar Inc.
2021220750	Nthalmic Holding Pty Ltd	2021226902	Brii Biosciences, Inc.
2021220864	Embody, Inc.	2021226968	Philip Morris Products S.A.
2021220882	Synlogic Operating Company, Inc.	2021226971	Philip Morris Products S.A.
2021220966	PepsiCo, Inc.	2021226973	Philip Morris Products S.A.
2021220981	Retrotape, Inc.	2021227009	BASF Coatings GmbH
2021221106	Amgen Inc.	2021227181	Public University Corporation Yokohama City University; Tosoh Corporation
2021221127	The United States of America, as represented by The Secretary, Department of Health and Human Services; Board of Regents, The University of Texas System; Trustees of Dartmouth College	2021227193	Schlumberger Technology B.V.
2021221158	10X Genomics, Inc.	2021227209	Interscope, Inc.
2021221162	Salk Institute for Biological Studies; Sanford Burnham Prebys Medical Discovery Institute	2021227228	University of Tennessee Research Foundation
2021221975	Canary Medical Switzerland AG	2021227278	Helmholtz-Zentrum für Infektionsforschung GmbH; Juli- us-Maximilians-Universität Würzburg
2021222036	University of Florida Research Foundation, Incorporated	2021227333	Otsuka Foods Co., Ltd.
2021222407	JK-Holding GmbH	2021227374	Inventio AG
2021222441	Ichilov Tech Ltd.	2021227378	BASF SE
2021222598	TripleW Ltd.	2021227398	Philip Morris Products S.A.
2021223018	Plavec, D.	2021227399	Philip Morris Products S.A.
2021223123	Caterpillar Inc.	2021227400	Philip Morris Products S.A.
2021223280	RWE Power AG	2021227416	Supergrip (UK) Ltd
2021223296	Reaction Engines Limited	2021227449	British American Tobacco (Investments) Limited
2021223600	Andrews, N.	2021227525	Caterpillar Inc.
2021223667	Vector Meta Inc.	2021227545	Becton, Dickinson and Company
2021223673	Scan Coin AB	2021227563	Lumina Adhesives AB
2021223691	Hydro International Ltd	2021227663	Genentech, Inc.
2021223859	McBain, H.	2021227665	University of Tennessee Research Foundation
2021223912	Sumitomo Metal Mining Co., Ltd.	2021227695	Crown Equipment Corporation
2021223929	Sumitomo Pharma Co., Ltd.	2021227696	Crown Equipment Corporation
2021224071	Siegenthaler, A.	2021227729	Feed Flow Limited
2021224286	Battelle Memorial Institute	2021227731	9371-8377 Quebec Inc.
2021224298	Life Technologies Corporation	2021227759	UPL Limited
2021224529	Howmedica Osteonics Corp.	2021227836	Heineken Supply Chain B.V.
2021224638	Brain Brew Ventures 3.0, Inc.	2021227908	The Regents of the University of California
2021224730	MUSC Foundation For Research Development; UNM Rainforest Innovations; Systems Oncology, LLC	2021227914	Get-Grin Inc.
2021224740	Baker Hughes Oilfield Operations LLC	2021227935	Praxis Precision Medicines, Inc.
2021224809	Incube Labs, LLC	2021227964	Eat Just, Inc.
2021224996	WestRock Packaging Systems, LLC	2021227966	The Scripps Research Institute
2021225071	Vallaurix Trading Sarl MC	2021227970	The Trustees of Princeton University
2021225073	Proinvex Urban S.L	2021228008	Henan Genuine Biotech Co., Ltd.
2021225075	Safegrid Oy	2021228077	Shanghai Henlius Biotech, Inc.
2021225132	Sayfa R&D Pty Ltd	2021228078	Shanghai Henlius Biotech, Inc.
2021225331	Streamroot	2021228100	SPH Sine Pharmaceutical Laboratories Co., Ltd
2021225347	Philip Morris Products S.A.	2021228154	Philip Morris Products S.A.
2021225350	Philip Morris Products S.A.	2021228229	Aurora Solar Inc.
2021225390	GammaDelta Therapeutics Limited	2021228288	Remix Therapeutics Inc.
2021225419	3M Innovative Properties Company	2021228315	Impact Selector International, LLC
2021225450	Menicon Co., Ltd.; Osaka University	2021228470	Asahi Kasei Kabushiki Kaisha
2021225502	EConcrete Tech Ltd	2021228548	Caterpillar Inc.
2021225776	Motorola Solutions, Inc.	2021228590	Invacare Corporation
2021225865	TexaRoba Technology Inc.	2021228600	Caterpillar Inc.
2021225921	Board of Regents, The University of Texas System	2021228614	CareFusion 303, Inc.
2021225947	CaaMTEch, Inc.	2021228647	Arizona Board of Regents on behalf of Arizona State University
2021225955	Selecta Biosciences, Inc.	2021228648	Schlumberger Technology B.V.
2021226012	Board of Regents, The University of Texas System	2021228660	Bushman, R.
		2021228729	Kallyope, Inc.
		2021228737	GRAIL, LLC.
		2021228764	Extensor, LLC
		2021228778	The Brigham and Women's Hospital, Inc.

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2021228781	Intel Optics, Inc.	2021233650	Nitto Denko Corporation
2021228896	AGA Nanotech Ltd	2021233784	Purdue Pharma L. P.
2021228909	BASF SE	2021233933	Bard Access Systems, Inc.
2021228922	Philip Morris Products S.A.	2021234032	Malcisbo AG
2021228926	Philip Morris Products S.A.	2021234072	Novihum Technologies GmbH
2021229046	Denka Company Limited	2021234088	Adaptive Regelsysteme Gesellschaft m.b.H.
2021229310	7Tunnels Inc.	2021234221	Zodiac Pool Systems LLC
2021229480	Encore Medical, LP DBA DJO Surgical	2021234249	Bendix Commercial Vehicle Systems LLC
2021229607	ProQR Therapeutics II B.V.	2021234620	Liew, H.
2021229747	Huelsens, A.	2021234704	JFE Steel Corporation
2021229909	VEEM Ltd	2021234979	Schreder S.A.
2021230070	BASF SE	2021235243	Deltatek Oil Tools Limited
2021230087	Aprofol AG	2021235261	Yujoo Co., Ltd.
2021230099	The Protein Brewery B.V.	2021235262	i-SENS, Inc.
2021230103	Centre Hospitalier Universitaire De Nimes; Humanitas Mirasole SpA; The University of Sussex; King's College London; Queen Mary University of London; Sorbonne Universite; Assistance Publique - Hopitaux de Paris; The University of Sheffield	2021235350	Sumitomo Chemical Company, Limited
2021230133	Wirepas Oy	2021235517	BAE Systems plc
2021230210	Nihon Medi-Physics Co., Ltd.; Kyoto University	2021235553	Bausch + Lomb Ireland Limited
2021230282	Pacific Biosciences of California, Inc.	2021235563	Novartis AG
2021230353	LooLoops, LLC	2021235750	IDEXX Laboratories, Inc.
2021230364	Field Upgrading USA, Inc.	2021235831	I-Sens, Inc.
2021230372	The Regents of The University of Michigan	2021235877	IDEXX Laboratories, Inc.
2021230385	Incyte Corporation	2021235894	Royal Caribbean Cruises Ltd.
2021230386	UV Partners, Inc.	2021236038	Kemira Oyj
2021230473	Wave Life Sciences Ltd.	2021236071	Ranpak Corp.
2021230562	Vertex Pharmaceuticals Incorporated	2021236130	Nocion Therapeutics, Inc.
2021230801	Peking University	2021236145	Massachusetts Institute of Technology; Dana-Farber Cancer Institute, Inc.
2021230860	GAIA BioMedicine Inc.	2021236233	Massachusetts Eye and Ear Infirmary; The Schepens Eye Research Institute, Inc.
2021230953	Kureha Corporation	2021236288	LifeArc; Georg-August-Universität Göttingen Stiftung Öffentlichen Rechts Universitätsmedizin
2021231031	BASF Coatings GmbH	2021236383	Uh-Oh Labs Inc.
2021231055	LISCure Biosciences Co., Ltd.	2021236613	Devicor Medical Products, Inc.
2021231064	Aisa Pharma, Inc.	2021236617	CNH Industrial America LLC
2021231092	Medartis Holding AG	2021236745	Amsted Rail Company, Inc.
2021231160	Progeneer Inc.	2021236873	Bayer Aktiengesellschaft
2021231185	BASF SE; President and Fellows of Harvard College	2021236928	IMBA - Institut für Molekulare Biotechnologie GmbH
2021231225	Specialites Pet Food	2021237128	Proteomics International Pty Ltd
2021231308	The Protein Brewery B.V.	2021237694	AvenCell Europe GmbH
2021231316	Syngenta Crop Protection AG	2021237761	Drugrecure ApS
2021231375	Kemira Oyj	2021237774	Cellis AG
2021231387	Airbus Defence and Space SAS	2021237987	Faculdades Católicas
2021231435	Array Biopharma Inc.	2021238175	Nippon Steel Corporation; Nippon Steel Eco-Tech Corporation
2021231447	VIIV Healthcare UK (No.5) Limited	2021238320	Kindred Biosciences, Inc.
2021231673	Level 3 Communications, LLC	2021238401	Frito-Lay North America, Inc.
2021231683	Denovo Biopharma LLC	2021238582	BioNTech Cell & Gene Therapies GmbH
2021231723	Schlumberger Technology B.V.	2021238674	Molecular Plasma Group S.A.
2021231734	CenSyn, Inc.	2021238782	Belgian Volition SRL
2021231743	60 Degrees Pharmaceuticals LLC	2021238799	Jiangsu Hengrui Pharmaceuticals Co., Ltd.; Shanghai Hengrui Pharmaceutical Co., Ltd.
2021231752	Seal-Ryt Corp.	2021238846	Bombora Wave Power Europe Ltd
2021231874	PEPSICO, INC.	2021238877	ASYGN
2021231896	Northwell Health, Inc.	2021238917	Dairy Crest Limited
2021231904	BostonGene Corporation	2021238937	Flare Audio Technologies Limited
2021231947	Airbus Defence and Space SAS	2021238998	Boston Scientific Medical Device Limited
2021232008	Enlighten Innovations Inc.	2021238999	Boston Scientific Medical Device Limited
2021232131	Fireco S.R.L. A Socio Unico	2021239072	InPlay Ltd.
2021232141	Janssen Biotech, Inc.	2021239295	Siemens Aktiengesellschaft
2021232167	CPR Robotics Ltd.	2021239406	Graco Minnesota Inc.
2021232369	Shanghai Henlius Biotech, Inc.	2021239983	Flow Pharma, Inc.
2021232606	StubHub, Inc.	2021240037	Immunomedics, Inc.
2021232616	Syngenta Crop Protection AG	2021240358	Arch UK Biocides Ltd
2021232637	Actelion Pharmaceuticals Ltd	2021240472	Kerecis AG
2021232853	Massachusetts Institute of Technology	2021240960	Shell Internationale Research Maatschappij B.V.
2021232866	Motorola Solutions, Inc.	2021241377	SCUTI AS
2021232872	Cook, N.	2021241472	AS America, Inc.
2021232937	ExsoMed Corporation	2021241594	The Alfred E. Mann Foundation for Scientific Research
2021233102	SEW-EURODRIVE GmbH & Co. KG	2021241619	Avure Technologies Incorporated
2021233167	Bavarian Nordic A/S	2021241737	Johnson & Johnson Consumer Inc.
2021233503	Samsung Bioepis Co., Ltd.	2021241773	Nordic Bioscience A/S
2021233545	MDT Micro Diamond Technologies Ltd.		
2021233628	Nitto Denko Corporation		

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2021241778	Universiteit Antwerpen; Universitair Ziekenhuis Antwerpen	2021266178	International Business Machines Corporation
2021241785	T.J. Smith And Nephew, Limited	2021268448	International Business Machines Corporation
2021241895	McNeil AB	2021269196	International Business Machines Corporation
2021242022	1nhaler Ltd	2021269591	International Business Machines Corporation
2021242259	La-Z-Boy Incorporated	2021271383	HuniLife Biotechnology, Inc.
2021242375	Johnson & Johnson Consumer Inc.	2021272171	Syntr Health Technologies, Inc.
2021243080	Jiangsu Hengrui Pharmaceuticals Co., Ltd.; Shanghai Hengrui Pharmaceutical Co., Ltd.	2021272546	Worthwhile Products
2021243260	Schwarze-Robitec GMBH	2021272895	Cue Biopharma, Inc.
2021243462	Abiomed Europe GmbH	2021274862	Nouryon Chemicals International B.V.
2021243466	Reckitt Benckiser (Brands) Limited; BSH Hausgeräte GmbH	2021276459	Nouryon Chemicals International B.V.
2021243964	Redefine Meat Ltd.	2021284267	DexCom, Inc.
2021244191	The University of North Carolina at Chapel Hill	2021287706	JCM American Corporation
2021244205	Hologic, Inc.	2021294219	F. Hoffmann-La Roche AG
2021244305	Becton, Dickinson and Company	2021294553	Shenzhen Forward Pharmaceuticals Co., Limited
2021244320	Data Integrity Advisors, LLC	2021294796	Shenzhen Forward Pharmaceuticals Co., Limited
2021244321	NIX, Inc.	2021297529	Xeris Pharmaceuticals, Inc.
2021244772	Pavic, B.	2021298786	Topsoe A/S
2021244864	MetrioPharm AG	2021305812	Sakura Finetek USA, Inc.
2021246640	Motorola Solutions, Inc.	2021311157	IHI Corporation
2021247075	Empress Medical, Inc.	2021317101	Gürok Holding B.V.
2021247488	Akzo Nobel Coatings International B.V.	2021317264	Karnak Technologies, LLC
2021248077	CSP Technologies, Inc.	2021323386	NUProtein Co., Ltd.
2021248769	Petrolia Nasional Berhad (Petronas)	2021354279	Contemporary Amperex Technology Co., Limited
2021248833	Avalo Therapeutics, Inc.	2021368918	Qilu University of Technology
2021249765	I-SENS, INC.	2021388872	RMW CHO Group Limited
2021249767	Hanmi Pharm. Co., Ltd.	2021397281	JPMorgan Chase Bank, N.A.
2021249958	Rensselaer Polytechnic Institute; Otsuka Pharmaceutical Factory, Inc.; Kirin Biomaterials Co., Ltd.	2021408092	Incitec Pivot Limited
2021250303	Boehringer Ingelheim International GmbH; Arena Pharmaceuticals, Inc.	2021426705	China University of Mining and Technology
2021250635	Universiteit Gent	2022204897	Fusetec 3D Pty Ltd
2021251111	Boston Scientific Scimed, Inc.	2022207428	Simplex Designs, LLC
2021251175	The Curators of the University of Missouri	2022213843	CDGM Glass Co., Ltd
2021251182	The Procter & Gamble Company	2022215286	Firefly Automatix, Inc.
2021251204	Qualcomm Incorporated		
2021251464	International Business Machines Corporation		
2021253849	Hofseth BioCare ASA		
2021253851	New York Society for the Relief of the Ruptured and Crippled, Maintaining the Hospital for Special Surgery		
2021254246	Komatsu Ltd.		
2021254297	The Alfred E. Mann Foundation for Scientific Research		
2021254781	The Gillette Company LLC		
2021254863	International Business Machines Corporation		
2021254864	Alcon Inc.		
2021254870	International Business Machines Corporation		
2021255595	The Gillette Company LLC		
2021255959	The Gillette Company LLC		
2021255960	The Gillette Company LLC		
2021256044	Qualcomm Incorporated		
2021256410	Allure Rv, LLC		
2021256457	Washington University		
2021257283	i-SENS, Inc.		
2021257589	ABB Schweiz AG		
2021257863	The Gillette Company LLC		
2021258336	CSP Technologies, Inc.		
2021258478	Société des Produits Nestlé S.A.		
2021258492	Société des Produits Nestlé S.A.		
2021260545	Dynasty Energy Services, LLC		
2021260700	Truma Gerätetechnik GmbH & Co. KG		
2021261643	International Business Machines Corporation		
2021261763	Weatherford Technology Holdings, LLC		
2021262506	Schreder S.A.		
2021262783	The Procter & Gamble Company		
2021263568	Recurium IP Holdings, LLC		
2021263742	Verastem, Inc.		
2021263847	The Procter & Gamble Company		
2021263889	R.G.C.C. Holdings AG		
2021264045	International Business Machines Corporation		
2021265798	The Procter & Gamble Company		

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2021232872	<u>A01N 57 /-</u>	2021230099	2021226973	2021214933	2021232167
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2021215069	2021235350	2021213019	2021228926	2021217695	<u>A61B 6 /-</u>
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2021227759	2021224286	2021231225	2020433089	2021227209	2021244320
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2021238674	2021220297	2021230099	<u>A43B 3 /-</u>	2021217695	2021228660
<u>A01N 39 /-</u>	<u>A21D 13 /-</u>	2021231225	2021225073	2021220864	<u>A61C 5 /-</u>
2021231316	2021220297	2021236038	<u>A43B 7 /-</u>	2021227209	2021233545
<u>A01N 43 /-</u>	2021220297	<u>A23L 31 /-</u>	2021212882	2021229480	<u>A61F 11 /-</u>
2021215069	<u>A23B 7 /-</u>	2021230099	<u>A43B 3 /-</u>	2021231092	2021225419
2021230070	2021231316	<u>A23L 33 /-</u>	2021225073	2021232937	2021238937
2021230953	<u>A23D 9 /-</u>	2020433744	<u>A43B 7 /-</u>	2021238998	<u>A61F 13 /-</u>
2021231316	2021234620	2021214534	2021231874	2021238999	2021223018
2021232616	<u>A23G 4 /-</u>	2021216310	<u>A47B 31 /-</u>	<u>A61B 3 /-</u>	<u>A61F 15 /-</u>
2021235350	2021265798	2021231055	2021231874	2021254864	2021223018
2021236873		<u>A24B 15 /-</u>	<u>A47B 47 /-</u>	<u>A61B 34 /-</u>	<u>A61F 2 /-</u>
		2021226973	2021231874	2021223018	2020427906
		2021228926	<u>A47C 1 /-</u>	2020429461	2020437666
			<u>A47C 17 /-</u>	2021214155	2021214564
			2021242259	2021228764	20212253851
			2021256410	2022207428	2022207428

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<u>A61F 7 /-</u>	2021230562	2021214166	<u>A61K 51 /-</u>	<u>A61M 16 /-</u>	<u>A61P 25 /-</u>
2021213192	2021231064	2021214521	2021226147	2022204897	2020440834
2021214577	2021231435	2021215860	2021230210		2021212223
	2021231447	2021218927		<u>A61M 25 /-</u>	2021217172
	2021231743	2021219072			2021219072
<u>A61F 9 /-</u>	2021232637	2021221127	<u>A61K 8 /-</u>	2020429461	2021219556
2021230353	2021233784	2021224730	2020427100	2020437982	2021220981
	2021235553	2021225390	2021240358	2021217695	2021222441
	2021235563	2021226592	2021251182	2021224809	2021223929
<u>A61G 5 /-</u>	2021236233	2021228077	2021262783	2021226468	2021225071
2021213331	2021237987	2021228078	2021263847	2021227545	2021226902
2021228590	2021238582	2021228100	2021317264	2021233933	2021228288
	2021238799	2021228778		2021244305	2021230103
	2021240037	2021229046	<u>A61K 9 /-</u>	2021256457	2021230473
	2021240472	2021230385	2020422374		2021231064
	2021243080	2021231160	2021210974	<u>A61M 29 /-</u>	2021231683
	2021244864	2021231435	2021212262	2021217695	2021232637
<u>A61H 9 /-</u>	2021249767	2021232369	2021216630		2021237987
2021222407	2021250303	2021232853	2021218871	<u>A61M 39 /-</u>	2021250303
	2021294553	2021233167	2021219556	2021224809	
	2021294796	2021233503	2021220519		<u>A61P 27 /-</u>
<u>A61J 1 /-</u>	2021388872	2021236145	2021221106		2020440834
2021235877		2021237694	2021222036	<u>A61M 5 /-</u>	2021229607
	<u>A61K 33 /-</u>	2021238320	2021223929	2020437982	2021230087
	2021219072	2021238582	2021225955		2021231435
<u>A61J 7 /-</u>	2021230087	2021239983	2021230562	<u>A61M 60 /-</u>	2021235553
2021235877		2021243080	2021230860	2021216062	2021235563
		2021253849	2021230860	2021243462	2021237987
	<u>A61K 35 /-</u>	2021263889	2021231160		
	2020427452	2021271383	2021233503	<u>A61N 1 /-</u>	<u>A61P 29 /-</u>
	2020431760	2021272895	2021233784	2020428552	2021227966
	2021212223		2021237761	2021231896	2021230372
	2021214534	<u>A61K 45 /-</u>	2021240472	2021232167	2021248833
	2021224730	2021218409	2021244864	2021241594	
	2021226553	2021220981	2021249767	2021254297	<u>A61P 3 /-</u>
	2021228100	2021226553	2021297529		2020431973
	2021230860	2021227665		<u>A61N 5 /-</u>	2020433744
	2021231055	2021228100	<u>A61L 15 /-</u>	2021213032	2021219556
	2021236145	2021230562	2021227563	2021214442	2021228729
	2021236928	2021231064	2021228896		2021237987
	2021237774	2021231435		<u>A61P 1 /-</u>	2021258478
	2021239983	2021232637	<u>A61L 2 /-</u>	2021219286	2021258492
	2021263568	2021239983	2021230386		
	2021272171	2021244864		2021219286	<u>A61P 31 /-</u>
			<u>A61L 24 /-</u>	2021220519	2021213137
	<u>A61K 36 /-</u>	<u>A61K 47 /-</u>	2021225450	2021228729	2021217961
	2021240472	2020433744	2021227563		2021221127
	2021258478	2021212262		<u>A61P 11 /-</u>	2021228008
	2021258492	2021213042	<u>A61L 27 /-</u>	2021213137	2021229046
		2021214521	2021216630	2021237761	2021230860
	<u>A61K 38 /-</u>	2021214521	2021219556	2021239983	2021231447
	2020431973	2021216630	2021223929	2021244864	2021231743
	2020433744	2021219556	2021225955		2021233167
	2021213042	2021223929	2021230860	<u>A61P 13 /-</u>	2021234032
	2021217961	2021225955	2021232369	2021230562	2021237761
	2021219072	2021230860	2021233503		2021240472
	2021219556	2021233503	2021237761	<u>A61P 17 /-</u>	2021244864
	2021224730	2021237761	2021271383	2021272171	2021263889
	2021225071	2021224730	2021297529		
	2021230103	2021224730		<u>A61P 19 /-</u>	2021210974
	2021236288	2021225071	<u>A61K 48 /-</u>	2021239983	2021212330
	2021237761	2021236288	2020433744		2021214521
	2021227935	2021237761	2020440834	<u>A61P 21 /-</u>	2021214534
	2021227966	2021237774	2021213735	2021219072	2021214866
	2021228008	2021244191	2021213786		2021218497
	2021228729	2021297529	2021244191		2021218871
	2021230087		2021251175		
	2021230372	<u>A61K 39 /-</u>			
	2021230385	2021213042			
	2021230473	2021213735			

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2021218927	<u>A61Q 19 /-</u>	<u>B02C 15 /-</u>			<u>B64C 27 /-</u>
2021226411			<u>B23D 23 /-</u>	<u>B33Y 50 /-</u>	
2021227228	2021240358	2021311157	2021243260	2020437666	2021214406
2021228077	2021251182				
2021228100	2021317264	<u>B02C 23 /-</u>			<u>B64C 29 /-</u>
2021228288			<u>B23K 9 /-</u>	<u>B33Y 80 /-</u>	
2021230372	<u>A61Q 5 /-</u>	2021311157	2021215385	2020437666	2021214406
2021230385					
2021230801	2021212618	<u>B03B 9 /-</u>			<u>B64C 39 /-</u>
2021230860	2021214830		<u>B25J 19 /-</u>	<u>B60C 25 /-</u>	
2021231055	2021214831	2021213076	2021226212	2020435660	2021214406
2021231435	2021214832		2021235750		
2021232369		<u>B03D 1 /-</u>		<u>B60H 1 /-</u>	<u>B64D 33 /-</u>
2021236145	<u>A61Q 9 /-</u>	2021223912	<u>B25J 5 /-</u>	2021260700	2021223296
2021238799	2021251182				
2021243080		<u>B05B 1 /-</u>	2021226212		<u>B65D 21 /-</u>
2021263568	<u>A62B 18 /-</u>	2021219800	<u>B25J 9 /-</u>	<u>B60T 13 /-</u>	
2021263742		2021241472		2021234249	2021241619
2021263889	2021238674		2021235750		
2021271383		<u>B05B 7 /-</u>	<u>B26B 21 /-</u>	<u>B60T 8 /-</u>	<u>B65D 25 /-</u>
2021294553	<u>A62C 2 /-</u>	2021239406		2021234249	2021234704
2021294796	2021241377		2021254781		2021248077
2021388872		<u>B05D 1 /-</u>	2021255595	<u>B61K 9 /-</u>	<u>B65D 33 /-</u>
	<u>A61P 37 /-</u>	2021238674	2021255959		
	<u>A63F 9 /-</u>		2021255960	2021213831	2021248077
2021222036	2021215712		2021257863		
2021225955		<u>B05D 5 /-</u>		<u>B61L 23 /-</u>	<u>B65D 47 /-</u>
2021229046	<u>A63G 31 /-</u>	2021238674	<u>B29B 17 /-</u>	2021213831	2021217146
2021230860	2020429809				
		<u>B05D 7 /-</u>	2021222598	<u>B61L 27 /-</u>	<u>B65D 71 /-</u>
<u>A61P 43 /-</u>	<u>B01D 21 /-</u>	2020450380	<u>B29C 41 /-</u>	2021213831	2021224996
2021218739	2021213076			2021236745	
2021221162		<u>B08B 1 /-</u>	2021210378		<u>B65D 75 /-</u>
2021223929	<u>B01D 29 /-</u>	2021217387	<u>B29C 59 /-</u>	<u>B62B 3 /-</u>	2021220598
2021244191	2021226644		2021210378	2020426864	2021258336
	2021227525	<u>B08B 3 /-</u>		2021231874	
<u>A61P 5 /-</u>	2021228548	2021213036	<u>B29C 65 /-</u>	<u>B62B 5 /-</u>	<u>B65D 77 /-</u>
2021216630				2020426864	2021258336
<u>A61P 9 /-</u>	<u>B01D 3 /-</u>	<u>B21D 7 /-</u>	2021220598		
	2021298786	2021243260	<u>B29D 35 /-</u>	<u>B62J 45 /-</u>	<u>B65D 81 /-</u>
2020422374					
2020433744	<u>B01D 9 /-</u>	2021225073	<u>B31D 5 /-</u>	2021226378	2021248077
2021212330	2021234620	<u>B22D 1 /-</u>			2021258336
2021214166		2020430989	<u>B32B 15 /-</u>	<u>B62J 50 /-</u>	<u>B65F 1 /-</u>
2021219556	<u>B01J 13 /-</u>		2021236071	2021226378	2021213034
2021221106	2021231185	<u>B22D 35 /-</u>			
2021231064		2020430989	<u>B32B 27 /-</u>	<u>B63B 39 /-</u>	<u>B65G 1 /-</u>
<u>A61Q 1 /-</u>	<u>B01J 3 /-</u>		2020430816	2021229909	2021227695
2021212618	2021241619	<u>B22D 43 /-</u>	2021234704		2021227696
2021214830		2020430989		<u>B63H 20 /-</u>	
2021214831	<u>B01J 8 /-</u>		<u>B32B 29 /-</u>	2021229909	<u>B65G 19 /-</u>
2021214832	2021223912	<u>B22F 3 /-</u>	2020430816		2021426705
<u>A61Q 11 /-</u>		2020437666	2021217288	<u>B63H 21 /-</u>	<u>B65G 23 /-</u>
2021263847	<u>B01L 3 /-</u>			2021229909	2021223280
2021265798	2021210378	<u>B22F 5 /-</u>	2020430816		
<u>A61Q 13 /-</u>	2021212727	2020437666	2021231375	<u>B63H 25 /-</u>	<u>B65G 39 /-</u>
2021262783	2021219019	<u>B23B 41 /-</u>		2021229909	2021223280
2021263847	2021244321	2021260545	<u>B32B 7 /-</u>	<u>B63H 5 /-</u>	<u>B65G 43 /-</u>
<u>A61Q 17 /-</u>	<u>B01L 7 /-</u>		2020430816	2021229909	2021426705
2021240358	2021219019	<u>B23D 21 /-</u>			
2021317264		2021243260	<u>B33Y 10 /-</u>		
			2020437666		

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<u>B65G 57 /-</u>	<u>C03C 3 /-</u>	<u>C07C 237 /-</u>	<u>C07D 235 /-</u>	<u>C07D 405 /-</u>	<u>C07H 21 /-</u>
2022215286	2021210527	2021236130			2021230473
	2021317101		2021227966	2021227966	
<u>B65G 61 /-</u>	2022213843	<u>C07C 271 /-</u>		2021237987	<u>C07K 14 /-</u>
2022215286	<u>C03C 4 /-</u>	2021227665	<u>C07D 239 /-</u>	<u>C07D 409 /-</u>	2020431760
			2021218739		2020431973
<u>B65G 69 /-</u>	2022213843	<u>C07C 29 /-</u>	2021218740	2021228288	2021213735
			2021221162	2021237987	2021213786
2021238175	<u>C04B 35 /-</u>	2021298786	2021225921		2021213822
			2021230070	<u>C07D 413 /-</u>	2021215860
<u>B65G 7 /-</u>	2021368918	<u>C07C 291 /-</u>	2021238799		2021226592
			2021294219	2021227966	2021232853
2021223859	<u>C05B 7 /-</u>	2021214831		2021236873	2021234032
			<u>C07D 241 /-</u>	<u>C07D 417 /-</u>	2021236288
<u>B66B 25 /-</u>	2021408092	<u>C07C 305 /-</u>	2021218497		2021237774
				2021228288	2021238582
2021227374	<u>C05C 1 /-</u>	2021216310	<u>C07D 243 /-</u>	2021263568	2021272895
<u>B66B 29 /-</u>	2021408092	<u>C07C 309 /-</u>	2021218456	<u>C07D 451 /-</u>	<u>C07K 16 /-</u>
					2021210362
2021227374	<u>C05C 3 /-</u>	2021212618	<u>C07D 249 /-</u>	2021228288	2021213822
					2021214521
<u>B66C 1 /-</u>	2021234072	<u>C07C 31 /-</u>	2021230953	<u>C07D 471 /-</u>	2021218927
	2021408092				2021228077
2021223859	<u>C05C 9 /-</u>	2021298786	<u>C07D 271 /-</u>	2021218497	2021228078
				2021226411	2021228778
<u>B66F 9 /-</u>	2021408092	<u>C07C 323 /-</u>	2021227935	2021227966	2021230210
				2021228288	2021232141
2021227695	<u>C05D 1 /-</u>	2021219286	<u>C07D 273 /-</u>	2021231447	2021232369
					2021232853
<u>B67D 1 /-</u>	2021408092	<u>C07C 51 /-</u>	2021226147	<u>C07D 487 /-</u>	2021233503
					2021236288
2021224638	<u>C05F 1 /-</u>	2021219991	<u>C07D 305 /-</u>	2021218497	2021238320
2021227836		2021222598		2021225947	2021241773
				2021226411	2021243080
<u>B82Y 10 /-</u>	2021408092	<u>C07C 53 /-</u>	2021227378	2021238799	2021248833
				2021388872	2021271383
2021212265	<u>C05F 11 /-</u>	2021219991	<u>C07D 307 /-</u>		
				<u>C07D 498 /-</u>	
<u>C01B 17 /-</u>	2021234072	<u>C07C 59 /-</u>	2021216310		<u>C07K 19 /-</u>
	2021408092		2021227378	2021214866	2021214166
2021232008	<u>C05F 3 /-</u>	2021212330	<u>C07D 309 /-</u>		
		2021219991		<u>C07D 513 /-</u>	
<u>C03B 19 /-</u>	2021408092	<u>C07C 67 /-</u>	2021215743		<u>C07K 7 /-</u>
			2021227378	2021230210	2021225450
2021210527	<u>C05G 5 /-</u>	2021219991	<u>C07D 311 /-</u>		
				<u>C07F 15 /-</u>	
<u>C03B 27 /-</u>	2021408092	<u>C07C 69 /-</u>	2021216310	2021227970	<u>C08B 37 /-</u>
					2021212680
2022213843	<u>C07C 15 /-</u>	2021219991	<u>C07D 339 /-</u>	<u>C07F 5 /-</u>	<u>C08G 18 /-</u>
					2021212680
<u>C03B 32 /-</u>	2021227378	<u>C07D 207 /-</u>	2021235563	2021230210	<u>C08G 75 /-</u>
				2021230801	2021231031
2022213843	<u>C07C 211 /-</u>	2021236130	<u>C07D 401 /-</u>		
				<u>C07F 9 /-</u>	
<u>C03C 1 /-</u>	2021216310	<u>C07D 209 /-</u>	2021218497		<u>C08J 11 /-</u>
	2021219991		2021227966	2021214090	2021227908
2022213843	<u>C07C 229 /-</u>	2021227228	2021230953	2021228729	
			2021237987	<u>C07H 1 /-</u>	
2021317101	2021214830	<u>C07D 213 /-</u>	2021238799		2021222598
2022213843	2021214832		2021263568	2021248769	
		2021216310	<u>C07D 403 /-</u>	<u>C07H 15 /-</u>	<u>C08K 3 /-</u>
<u>C03C 11 /-</u>	<u>C07C 231 /-</u>	2021227970			2021228909
			2021227966	2021248769	
2021210527	2021219991	<u>C07D 215 /-</u>	2021228288		<u>C08K 5 /-</u>
		2021231743	2021230953	<u>C07H 17 /-</u>	2021228909
<u>C03C 21 /-</u>	<u>C07C 235 /-</u>	<u>C07D 233 /-</u>	2021237987		
			2021250303	2021248769	
2022213843	2021219991	2021227378	2021294553		
		2021230953	2021294796		
		2021237987			

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<u>C08L 101 /-</u>		<u>C12P 41 /-</u>	<u>C25C 3 /-</u>	<u>E03D 13 /-</u>	<u>E21B 37 /-</u>
2021217288	<u>C12M 1 /-</u>	2021222598	2021232008	2021241472	2021213036
<u>C08L 75 /-</u>	2021228647	<u>C12P 7 /-</u>	<u>C25C 7 /-</u>	<u>E03D 5 /-</u>	<u>E21B 43 /-</u>
2021227563	2021238917	2021222598	2021232008	2021241472	2020449551
<u>C08L 89 /-</u>	2021272171	<u>C12Q 1 /-</u>	<u>D06F 39 /-</u>	<u>E03D 9 /-</u>	2021227193
2021209127	<u>C12M 3 /-</u>	2021218706	2021243466	2021241472	2021228648
<u>C09B 67 /-</u>	2021272171	2021219019	<u>D06M 15 /-</u>	<u>E03F 5 /-</u>	2021235243
2021231185	<u>C12N 1 /-</u>	2021221158	2021209127	2021223691	2021261763
<u>C09B 69 /-</u>	2021213029	2021224298	<u>D21F 11 /-</u>	<u>E04B 1 /-</u>	<u>E21B 47 /-</u>
2021231185	2021220882	2021226012	2020427100	2021223667	2021227193
<u>C09D 171 /-</u>	2021230860	2021228647	<u>D21H 17 /-</u>	2021241377	<u>E21B 49 /-</u>
2021227908	2021231308	2021230282	2021231375	<u>E04D 11 /-</u>	<u>E21F 1 /-</u>
<u>C09D 175 /-</u>	<u>C12N 13 /-</u>	2021231683	<u>D21H 19 /-</u>	2021224071	2020432490
2021231031	2021272171	2021236383	2021231375	<u>E04G 21 /-</u>	<u>F01D 25 /-</u>
<u>C09D 183 /-</u>	<u>C12N 15 /-</u>	202123782	<u>D21H 21 /-</u>	2021225132	2021223600
2020450380	2020440834	2021240037	<u>D21H 23 /-</u>	<u>E04H 12 /-</u>	<u>F02B 39 /-</u>
<u>C09D 5 /-</u>	2021213735	2021263742	2020427100	2021225132	2021223600
2020450380	2021213786	<u>C12R 1 /-</u>	<u>D21H 27 /-</u>	2021232131	<u>F02B 61 /-</u>
2021231185	2021215860	2021212223	2020427100	<u>E04H 17 /-</u>	2021229909
2021247488	2021218927	2021231308	<u>E02B 3 /-</u>	2020432223	<u>F02C 6 /-</u>
<u>C09D 7 /-</u>	2021220882	<u>C21D 6 /-</u>	2021234221	<u>E04H 4 /-</u>	2021223600
2020450380	2021222036	2021216446	<u>E06C 7 /-</u>	2021234221	<u>F03B 11 /-</u>
<u>C09J 175 /-</u>	2021226012	<u>C22B 23 /-</u>	2021225132	<u>E02D 25 /-</u>	<u>F03B 13 /-</u>
2021227563	2021226592	2020428275	2021235261	2021235261	2021238846
<u>C09K 11 /-</u>	2021227278	2021223912	<u>E02D 27 /-</u>	<u>E21B 10 /-</u>	2021238846
2020428814	2021227663	<u>C22B 3 /-</u>	2021225132	<u>E21B 17 /-</u>	<u>F03D 13 /-</u>
2021227970	2021228078	2020428275	2021235261	2021227193	2020430781
<u>C09K 8 /-</u>	2021229607	2021223912	<u>E02D 7 /-</u>	<u>E21B 25 /-</u>	<u>F04B 43 /-</u>
2020449551	2021230473	<u>C22C 14 /-</u>	2021217541	2021213036	2021228614
2021213036	2021234032	2021215385	<u>E02F 3 /-</u>	<u>E21B 29 /-</u>	<u>F04D 17 /-</u>
2021274862	2021236383	<u>C22F 1 /-</u>	2021228600	2021228315	2021223600
2021276459	2021244191	2021235517	<u>E02F 9 /-</u>	2021260545	<u>F04D 29 /-</u>
<u>C10G 19 /-</u>	2021251175	<u>C23C 4 /-</u>	2021215706	<u>E21B 33 /-</u>	2021231752
2021232008	2021272895	2021215385	2021228600	2021224740	<u>F15B 15 /-</u>
<u>C10G 32 /-</u>	2021323386	<u>C23C 8 /-</u>	2021254246	2021227193	2021223123
2021232008	<u>C12N 9 /-</u>	2021215385	<u>E03D 1 /-</u>	2021235243	2021232131
<u>C11B 7 /-</u>	2021214166	<u>C25B 13 /-</u>	<u>E03D 11 /-</u>	<u>E21B 34 /-</u>	<u>F16B 7 /-</u>
2021234620	2021222598	2021228470	2021241472	2021224740	2021223667
<u>C11D 1 /-</u>	2021227278	<u>C25B 15 /-</u>	2021228600	2021227193	2021232131
2021212618	2021234032	2021228470	2021215706	2021228648	
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2021214832	2021249958	<u>C25C 1 /-</u>	<u>E03D 11 /-</u>		
	<u>C12P 21 /-</u>	2021232008	2021241472		
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2020426002	2021214378	2021227729	<u>G01R 31 /-</u>	<u>G05B 23 /-</u>	<u>G06N 10 /-</u>
<u>F16H 57 /-</u>	<u>F21Y 115 /-</u>	<u>G01J 3 /-</u>	2021225075	2021257589	2021212265 2021268448
2021233102	2021234979	2021214441 2021227009	<u>G01S 13 /-</u>	<u>G05D 1 /-</u>	<u>G06N 20 /-</u>
<u>F16J 15 /-</u>	<u>F23K 3 /-</u>	<u>G01L 5 /-</u>	2021213832 2021226155	2021214406	2021213034
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<u>F16K 25 /-</u>	<u>F24D 11 /-</u>	<u>G01M 17 /-</u>	2021213185	<u>G06F 11 /-</u>	2021250635
2021215385	2021224071	2020435660	<u>G01V 1 /-</u>	2021269196	<u>G06Q 10 /-</u>
<u>F16K 31 /-</u>	<u>F24D 17 /-</u>	<u>G01M 5 /-</u>	2021231723	<u>G06F 111 /-</u>	2021216947 2021232606 2021235262
2021227193 2021228648	2021224071	2021214243	<u>G01V 11 /-</u>	2021231185	<u>G06Q 20 /-</u>
<u>F16K 5 /-</u>	<u>F24F 11 /-</u>	<u>G01N 1 /-</u>	2021227731	<u>G06F 15 /-</u>	2021238401 2021254870 2021287706
2021215385	2020432490 2020434084	2021213036	<u>G01V 3 /-</u>	2021251464	<u>G06Q 30 /-</u>
<u>F16L 37 /-</u>	<u>F24F 13 /-</u>	<u>G01N 15 /-</u>	2021226155	<u>G06F 16 /-</u>	2021207514 2021246640 2021261643 2021266178
2020426002	2020434084 2021260700	2021213036 2021218254	<u>G01V 8 /-</u>	<u>G06F 17 /-</u>	2021202736 2021238401 2021269591
<u>F16L 5 /-</u>	<u>F24S 20 /-</u>	<u>G01N 21 /-</u>	2021227731	2021228229 2021254863	<u>G06Q 40 /-</u>
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<u>F16L 57 /-</u>	<u>F24S 60 /-</u>	<u>G01N 23 /-</u>	2021231723	2021244772	2021215986
2021227416	2021224071	2021213034	<u>G02B 27 /-</u>	<u>G06F 3 /-</u>	<u>G06T 15 /-</u>
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2021223667	2020430096	2021228647	<u>G02B 3 /-</u>	<u>G06T 7 /-</u>	2021207547 2021227009 2021231904 2021256457
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2021234979	2021260700	2020433744 2021210362 2021212727 2021214797 2021217240 2021226595 2021227181 2021228781 2021237128 2021238782 2021241773 2021241778 2021244321 2021271383	<u>G02B 30 /-</u>	<u>G06F 9 /-</u>	2021251204
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2021214378	2021223296	2021231723	<u>G02C 5 /-</u>	<u>G06K 19 /-</u>	2021287706
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<u>F21W 131 /-</u>	<u>G01B 9 /-</u>	<u>G05B 13 /-</u>	2021220750	2020434239	<u>G08C 17 /-</u>
2021214378 2021234979	2021214441	<u>G05B 19 /-</u>	<u>G03B 11 /-</u>	<u>G06K 9 /-</u>	2021231723
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<u>F21Y 105 /-</u>	<u>G01C 19 /-</u>		2021231947		
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<u>F21Y 109 /-</u>	<u>G01D 21 /-</u>		<u>G05B 19 /-</u>		
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<u>G10L 21 /-</u>	2021227416	<u>H04L 12 /-</u>	<u>H04W 72 /-</u>
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2021250635	<u>H02H 3 /-</u>	2021215807	2021230133 2021272546
<u>G16B 20 /-</u>	2021234088	<u>H04L 27 /-</u>	<u>H04W 84 /-</u>
2021221158	<u>H02H 5 /-</u>	2021214471	2021214471 2021272546
<u>G16B 30 /-</u>	2021234088	<u>H04L 5 /-</u>	<u>H04W 88 /-</u>
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2021228737	<u>H02J 3 /-</u>	2021231673	2021262506
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2021218422 2021232167	<u>H02J 4 /-</u>	2021229310	
<u>G16H 30 /-</u>	2021214552	<u>H04M 1 /-</u>	
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<u>G16H 50 /-</u>	<u>H02J 7 /-</u>	<u>H04N 19 /-</u>	
2021262506		2021251204 2021256044	
2021218422 2021284267	<u>H02K 1 /-</u>	<u>H04N 21 /-</u>	
<u>H01H 33 /-</u>	2021214782	2021225331	
2020440805	<u>H02K 11 /-</u>	<u>H04N 5 /-</u>	
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2021264045	<u>H02M 1 /-</u>	2021231947	
<u>H01L 23 /-</u>	2020441878	<u>H04Q 5 /-</u>	
2021264045	<u>H02P 6 /-</u>	2021235894	
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B22F 12/63 (2021.01)
B33Y 30/00 (2015.01)
B33Y 40/20 (2020.01)
B22F 10/30 (2021.01)
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F21V 29/503 (2015.01)
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A61K 31/19 (2006.01)
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G06K 9/00 (2006.01)
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H04L 12/18 (2006.01)
H04M 11/04 (2006.01)
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 A61P 35/00 (2006.01)
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(43) 23.07.2020
(44) 22.09.2022
(72) SHA, Xiubin; DAI, Bo; LU, Ting; GAO, Yin; HUANG, He; LIU, Xu
(74) Spruson & Ferguson

(71) ZTE Corporation
(11) AU-B-2020208539
(21) 2020208539 **(22)** 17.01.2020
(54) Resource periodicity configuration method and device, link processing and establishing method and device
(51) Int. Cl.
H04W 4/20 (2018.01)
(87) WO2020/147806
(31) 201910049403.8 **(32)** 18.01.19 **(33)** CN
(43) 23.07.2020
(44) 22.09.2022
(72) SHA, Xiubin; DAI, Bo; LU, Ting; GAO, Yin; HUANG, He; LIU, Xu
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2016266110	Wallis Engineers Pty Ltd	2017364312	De La Rue International Limited
2016273940	Johnson & Johnson Consumer Inc.	2017368279	Vauth-Sagel Holding GmbH & Co. Kg
2016278067	4D Pharma Research Limited	2017371367	Wright, D.
2016299271	Frost, H.	2017372462	Ethicon, Inc.
2016316811	Viravaxx AG	2017374770	Tate & Lyle Technology Limited; Tate & Lyle Solutions USA LLC
2016319075	Universität Zürich	2017376227	MJN U.S. Holdings LLC
2016340123	Bio-Path Holdings, Inc.	2017379071	Board of Trustees of the University Of Arkansas
2016349457	QIAGEN Sciences LLC	2017380927	KSB SE & Co. KGaA
2016370613	AquaGen AS	2017381393	Hydra Light International Ltd
2016382134	Idemitsu Kosan Co., Ltd.	2017387638	Xactware Solutions, Inc.
2016385484	Johnson & Johnson Consumer Inc.	2017390377	Hilti Aktiengesellschaft
2016420734	Avent, Inc.	2017391276	Illumina, Inc.
2016421471	OGAB Limited	2017396764	Medtronic MiniMed, Inc.
2017202342	Joy Global Surface Mining Inc	2017399576	Razer (Asia-Pacific) Pte. Ltd.
2017204867	The Boeing Company	2017400529	Ecolab USA Inc.
2017205686	Tisular Safety, S.L.U.	2017400689	Halliburton Energy Services, Inc.
2017206257	Caterpillar Inc.	2017415185	Guangdong Oppo Mobile Telecommunications Corp., Ltd.
2017207417	Thomas & Betts International LLC; Dinh, C.; Gao, Y.	2018204752	Allen-Vanguard Corporation
2017208574	Sandoz AG	2018205039	Moistureshield, Inc.
2017209440	Edgewell Personal Care Brands, LLC	2018209435	Beckman Coulter, Inc.
2017210106	Hayward Industries, Inc.	2018224006	Becton, Dickinson and Company; Cao, J.
2017211976	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.; Universität Regensburg	2018228274	The University of Adelaide
2017218348	Qore Performance, Inc.	2018230737	Nimbus Lakshmi, Inc.
2017218800	Cipla Limited	2018241379	Kemira Oyj
2017223404	BioFire Defense, LLC	2018247737	Electrolux Appliances Aktiebolag
2017234379	Englee Pty Limited	2018256445	Mizuho Orthopedic Systems, Inc.
2017241832	Roll Rite, LLC	2018260410	Drillco Tools S.A.
2017253119	O&M Halyard International Unlimited Company	2018261402	Halliburton Energy Services, Inc.
2017259003	Smith & Nephew plc	2018268363	SINTEF TTO AS
2017260598	Redwood Plastics and Rubber Corp.	2018273028	Wong, C.K.
2017261838	Aerofloat (Holdings) Pty Ltd	2018284047	Kemira Oyj
2017268921	Metrol Technology Limited	2018289918	Sharp Kabushiki Kaisha; FG Innovation Company Limited
2017268922	Metrol Technology Limited	2018293752	Recordati Industria Chimica e Farmaceutica SpA
2017272788	Husqvarna AB	2018315061	Bucher Municipal Pty Ltd
2017274081	Cool Mine Pty Ltd	2018344762	Sensen Networks Group Pty Ltd
2017276277	RAIL VISION EUROPE LTD	2018358736	The Hillman Group, Inc.
2017286467	Uber Technologies, Inc.	2018363617	SPG Dry Cooling Belgium
2017292404	ADIGE S.P.A.	2018381964	Powerblock Holdings, Inc.
2017295038	Institut Pasteur; Centre Hospitalier Sainte Anne Paris; Universite Paris Descartes	2018392788	Enphase Energy, Inc.
2017295686	Amsted Rail Company, Inc.	2018406904	Schweizerische Bundesbahnen SBB
2017301966	WisTa Laboratories Ltd.	2018418953	GYM-IN-A-BOX LLC
2017302364	Align Technology, Inc.	2018448343	Mitsubishi Electric Corporation
2017313536	National Research Council of Canada	2019204103	VCell Therapeutics, Inc.
2017313725	Triqueue Holdings, LLC	2019205165	Premery, Inc.
2017314762	Inojul (Aus) Pty Ltd	2019211910	Fujimoto Co., Ltd
2017314831	Akili Interactive Labs, Inc.	2019213445	VER-MAC
2017315235	Safedon Limited	2019213693	PI Industries Ltd.
2017315334	Mimosa Diagnostics Inc.	2019217288	Qualcomm Incorporated
2017318700	Exact Sciences Corporation; Mayo Foundation for Medical Education and Research	2019229194	Sundnes, J.
2017319719	IOT.nxt BV	2019236795	Fujitsu General Limited
2017321073	Marel A/S	2019239968	MED-EL Elektromedizinische Geraete GmbH
2017323873	The University of Adelaide	2019260687	Seattle Children's Hospital (DBA Seattle Children's Research Institute)
2017325566	Entellus Medical, Inc.	2019266078	Citrix Systems, Inc.
2017330163	EQUINOR ENERGY AS	2019282485	Kyoto University; IHI Corporation
2017332153	ESCO Group LLC	2019285034	The Scripps Research Institute
2017338763	Smartwash Solutions, LLC	2019301825	TerraClear Inc.
2017339273	Mohare, P.	2019302833	LG Chem, Ltd.
2017342463	DrinkSavvy, Inc.	2019304166	Serani Mostazal, J.
2017344470	Menarini Silicon Biosystems S.p.A.	2019306640	Beckman Coulter, Inc.
2017351738	Filsen Pty Ltd	2019318167	Choi, J.
2017352844	BAE Systems plc	2019320953	Xuzhou XCMG Mining Machinery Co., Ltd.
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2019355546	Cutsforth, Inc.	2021205028	Fujitsu General Limited
2019357558	China University of Mining and Technology	2021205076	AmPro Innovations Pty Ltd
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2019367751	HotaluX, Ltd.	2021218051	Apple Inc.
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2019392156	Seoul National University R&DB Foundation; Abion Inc.	2021245132	Siemens Mobility GmbH
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2019396482	Alfa Laval Corporate AB	2022203430	Bailey, A.A.
2019398910	Yuhan Corporation	2022203845	Angel Group Co., Ltd.
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2019414550	Hinova Pharmaceuticals Inc.	2022204659	Factor Bioscience Inc.
2019423839	Weber-Stephen Products LLC	2022206720	Samsung Electronics Co., Ltd.
2019424099	Weber-Stephen Products LLC	2022218469	Trivver, Inc.
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2019431568	VR Doctor Medical Technology (Shenzhen) Co., Ltd.		
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2020204291	Wave Swell Energy Limited		
2020204580	Case Western Reserve University		
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2020206966	Welltec A/S		
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2020212117	MagAssist, Inc.		
2020213369	Universitat Bern		
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2020222167	International Business Machines Corporation		
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2020286267	SignPath Pharma, Inc.		
2020294346	CamelBak Products, LLC		
2020327341	Samsung Electronics Co., Ltd.		
2020344520	Nanophase Technologies Corporation		
2020373949	Zhejiang CFMOTO Power Co., Ltd.		
2020381082	Janssen Vaccines & Prevention B.V.		
2020384719	Greenwood-Power GmbH		
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2021200814	Breathe Technologies, Inc.		
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2021201304	DAERYUK CAN CO., LTD.		
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2016278067 2016382134	2018284047	2020206966	2017380927 2019236795	<u>F21V 29 /-</u>	<u>F28F 17 /-</u>
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<u>C12N 9 /-</u>	<u>E02B 11 /-</u>	<u>E21B 34 /-</u>	<u>F16B 13 /-</u>	2019365599 2019367751	2019229194
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2016349457	2020204291	2016266110 2018260410	2017332153	<u>F21Y 115 /-</u>	<u>F42B 5 /-</u>
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<u>C22B 34 /-</u>	<u>E03F 1 /-</u>	<u>F01D 15 /-</u>	<u>F16C 11 /-</u>	2019424099	2016420734
2019282485	2020206670	2017204867	2018256445	<u>F23B 50 /-</u>	<u>G01H 9 /-</u>
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	2017206257	2022218469	2019431568	2021218051
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	2017319719	2018344762	<u>H01L 41 /-</u>	2019217288
<u>G01N 3 /-</u>	2017339273	2019431568		<u>H04M 15 /-</u>
	2020214661		2017379071	2018406904
2017313536	2020217458	<u>G08B 13 /-</u>	<u>H01M 12 /-</u>	<u>H04N 19 /-</u>
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<u>G01N 31 /-</u>		<u>G08B 21 /-</u>	<u>H01M 6 /-</u>	<u>H04N 5 /-</u>
	2017387638	2017342463	2017381393	2017325566
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	2018268363	2020207788	2018448343	<u>H04W 4 /-</u>
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	2020222167	2017314831	<u>H03K 9 /-</u>	<u>H05B 6 /-</u>
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2020428572	2020225135			
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 (72) Beck, Joel; Smith, Matthew
 (74) Patentec Patent Attorneys

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 (74) Mann IP

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 (74) Armour IP

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A01K 5/01 (2006.01)
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 (72) Bowder, Jonathan Noel
 (74) Michael Buck IP

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H02P 25/02 (2016.01)
G05D 16/20 (2006.01)
H02K 5/132 (2006.01)
H02P 1/50 (2006.01)
H02P 6/08 (2016.01)
H02P 25/064 (2016.01)
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 (72) Sharpe, Lachlan
 (74) Mann IP

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 (51) Int. Cl.
A61B 5/18 (2006.01)
A61B 3/113 (2006.01)
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A61B 5/1171 (2016.01)
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 (45) 22.09.2022
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 (72) Coles, Scott; Morgan, Trefor
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 (21) 2021100643 (22) 02.02.2021
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 (51) Int. Cl.

A61B 5/11 (2006.01)
A61B 3/113 (2006.01)
A61B 5/16 (2006.01)
A61B 5/18 (2006.01)
A61B 5/318 (2021.01)
A61B 5/369 (2021.01)
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B62D 17/00 (2006.01)
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 (45) 22.09.2022
 (72) Nash, Benjamin Gerard
 (74) Griffith Hack

(71) Venter, J.
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 (54) Payload Delivery Mechanism Suitable for Use with a Drone
 (51) Int. Cl.
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B64D 1/08 (2006.01)
 (45) 22.09.2022
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 (72) Venter, Jacques
 (74) MEYER WEST IP

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 (54) BLAST HOLE DRILLING
 (51) Int. Cl.
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 (72) HERBST, Andre; PROSTRAN, Dusan
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Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Lodged

2021201628 **Indian Ocean Engineering Pty Ltd (UON Pty Ltd)**

Opposition Withdrawn

2017304128 **Apple Inc. (Lindsay, D.)**

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2005295868	Fastek LLC	The patent has been assigned to Advanced Steel Recovery, LLC
2005313994	Scientific Games Holdings Limited	The patent has been assigned to Scientific Games, LLC
2006233263	Chamberlain, Colin	The patent has been assigned to AON Invent LLC
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2009229310 Scientific Games Holdings Limited The patent has been assigned to **Scientific Games, LLC**

2009278809 Scientific Games Holdings Limited The patent has been assigned to **Scientific Games, LLC**

2009284975 Ube Industries, Ltd. The patent has been assigned to **Mitsubishi UBE Cement Corporation**

2009294326 Scientific Games Holdings Limited The patent has been assigned to **Scientific Games, LLC**

2010224502 Scientific Games Holdings Limited The patent has been assigned to **Scientific Games, LLC**

2010264119 Scientific Games Holdings Limited The patent has been assigned to **Scientific Games, LLC**

2010267805 ELECTRICITE DE FRANCE The patent has been assigned to **Kinectrics UK Limited; ELECTRICITE DE FRANCE**

2010310921 Scientific Games Holdings Limited The patent has been assigned to **Scientific Games, LLC**

2010316285 Ube Industries, Ltd. The patent has been assigned to **Mitsubishi UBE Cement Corporation**

2011218667 Kraft Foods Group Brands LLC The patent has been assigned to **Lactalis Heritage Dairy, Inc.**

2011253424 Fred Hutchinson Cancer Research Center The patent has been assigned to **Fred Hutchinson Cancer Center**

2011270166 UBE Industries, Ltd. The patent has been assigned to **Mitsubishi UBE Cement Corporation**

2011290834 Siemens Aktiengesellschaft The patent has been assigned to **Körber Supply Chain Logistics GmbH**

2011297160 Meiji Seika Pharma Co., Ltd. The patent has been assigned to **MMAG Co., Ltd.**

2011358831 Scientific Games Holdings Limited The patent has been assigned to **Scientific Games, LLC**

2011358833 Scientific Games Holdings Limited The patent has been assigned to **Scientific Games, LLC**

2011358834 Scientific Games Holdings Limited The patent has been assigned to **Scientific Games, LLC**

2012200395 Scientific Games Holdings Limited The patent has been assigned to **Scientific Games, LLC**

2012241113 Scientific Games Holdings Limited The patent has been assigned to **Scientific Games, LLC**

2012241118 Scientific Games Holdings Limited The patent has been assigned to **Scientific Games, LLC**

2012244240 Scientific Games Holdings Limited The patent has been assigned to **Scientific Games, LLC**

Assignments Registered

2012292179 Siemens Aktiengesellschaft The patent has been assigned to **Körber Supply Chain Logistics GmbH**

2013204119 Fred Hutchinson Cancer Research Center The patent has been assigned to **Fred Hutchinson Cancer Center**

2013217208 Scientific Games Holdings Limited The patent has been assigned to **Scientific Games, LLC**

2013217209 Scientific Games Holdings Limited The patent has been assigned to **Scientific Games, LLC**

2013217210 Scientific Games Holdings Limited The patent has been assigned to **Scientific Games, LLC**

2013234356 Scientific Games Holdings Limited The patent has been assigned to **Scientific Games, LLC**

2013269191 Scientific Games Holdings Limited The patent has been assigned to **Scientific Games, LLC**

2013322638 Bayer Pharma Aktiengesellschaft The patent has been assigned to **Transcoject GmbH**

2013326169 Scientific Games Holdings Limited The patent has been assigned to **Scientific Games, LLC**

2013328257 Scientific Games Holdings Limited The patent has been assigned to **Scientific Games, LLC**

2013328258 Scientific Games Holdings Limited The patent has been assigned to **Scientific Games, LLC**

2013328261 Scientific Games Holdings Limited The patent has been assigned to **Scientific Games, LLC**

2013397477 Baylis Medical Company Inc. The patent has been assigned to **Boston Scientific Medical Device Limited**

2014101559 Caterpillar Global Mining Expanded Products Pty Ltd The patent has been assigned to **Caterpillar Global Mining LLC**

2014200338 Scientific Games Holdings Limited The patent has been assigned to **Scientific Games, LLC**

2014234575 Siemens Aktiengesellschaft The patent has been assigned to **Körber Supply Chain Logistics GmbH**

2014254001 BIOREGENTECH, INC. The patent has been assigned to **The BioRegentech Institute, Inc.**

2015228402 Scientific Games Holdings Limited The patent has been assigned to **Scientific Games, LLC**

2015237836 Baylis Medical Company Inc. The patent has been assigned to **Boston Scientific Medical Device Limited**

2015329082 UBE Industries, Ltd. The patent has been assigned to **Mitsubishi UBE Cement Corporation**

2016201360 Kinabalu Investments Pty Ltd The patent has been assigned to **NPG Premises Pty Ltd**

2016226080 Clear Technology Holdings, LLC The patent has been assigned to **Solaris Technology Ltd.**

2016229066 Vision Ease, LP The patent has been assigned to **HOYA Optical Labs of America, Inc.**

2016232772 Vision Ease, LP The patent has been assigned to **HOYA Optical Labs of America, Inc.**

Assignments Registered

2016281722 Kraft Foods Group Brands LLC The patent has been assigned to **Lactalis Heritage Dairy, Inc.**

2016311704 Shanxi Yabao Health Products Co., Ltd.; Yabao Pharmaceutical Group Co., Ltd. The patent has been assigned to **Yabao Pharmaceutical Group Co., Ltd.; Shanxi Yabao Investment Group Co., Ltd**

2016319002 Baylis Medical Company Inc. The patent has been assigned to **Boston Scientific Medical Device Limited**

2016353150 BIOREGENTECH, INC. The patent has been assigned to **The BioRegentech Institute, Inc.**

2016381977 Kraft Foods Group Brands LLC The patent has been assigned to **Lactalis Heritage Dairy, Inc.**

2017232097 Scientific Games Holdings Limited The patent has been assigned to **Scientific Games, LLC**

2017247418 Ube Industries, Ltd. The patent has been assigned to **Mitsubishi UBE Cement Corporation**

2017247757 Ube Industries, Ltd. The patent has been assigned to **Mitsubishi UBE Cement Corporation**

2017264835 ARC Medical Design Limited The patent has been assigned to **KeyMed (Medical & Industrial Equipment) Limited**

2018217872 Lyfstone AS The patent has been assigned to **Lyfstone B.V.**

2018253504 Ube Industries, Ltd. The patent has been assigned to **Mitsubishi UBE Cement Corporation**

2018274885 Blakeman, Jonathan The patent has been assigned to **Barrel Rejuvenation Services Pty Ltd**

2018345068 Ube Industries, Ltd. The patent has been assigned to **Mitsubishi UBE Cement Corporation**

2018346029 Ube Industries, Ltd. The patent has been assigned to **Mitsubishi UBE Cement Corporation**

2019213413 Baylis Medical Company Inc. The patent has been assigned to **Boston Scientific Medical Device Limited**

2021104570 Electro.Aero Pty Ltd The patent has been assigned to **Electro.Nautic Pty Ltd**

2021236531 Vision Ease, LP The patent has been assigned to **HOYA Optical Labs of America, Inc.**

2022100010 FMG International Pte Ltd The patent has been assigned to **FORTESCUE METALS GROUP LTD**

2022201278 Teneobio, Inc. The patent has been assigned to **TeneoOne, Inc.**

Mortgages Registered - Section 187, Reg. 19

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

2016309001 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)

2016326496 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)

2017211056 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)

2017245409 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)

Mortgages Registered - Section 187, Reg. 19

2017351066 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)

2018272738 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)

2018273044 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Accepted

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

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

2004295047 **Actelion Pharmaceuticals Ltd**

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

For the goods PONVORY ponesimod

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

Extensions granted

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

2008215346 **Kyowa Kirin Co., Ltd.**

The earliest first regulatory approval date provided by the patentee 10 Sep 2021

For the goods CRYSVITA burosumab

Extension of Term of patent pursuant to Section 77 expires on 14 Feb 2033

2015212265 **Daiichi Sankyo Company, Limited**

The earliest first regulatory approval date provided by the patentee 08 Oct 2021

For the goods ENHERTU trastuzumab deruxtecan

Extension of Term of patent pursuant to Section 77 expires on 08 Oct 2036

Corrigenda

In Vol 31 , No 47 , Page(s) 6817 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Parabel Nutrition, Inc., Application No. 2016276972, under INID (72) correct the co-inventor to Antalik, Paul

In Vol 35 , No 51 , Page(s) 10005 under the heading **Applications Accepted - Name Index** Under the name WBV Weisenburger Bau+Verwaltung GmbH, Application No. 2018390893, under INID (54) correct the title to read Surfboard with replacement battery and push-up mechanism

In Vol 36 , No 21 , Page(s) 3006 under the heading **Applications Accepted - Name Index** Under the name Parabel Nutrition, Inc., Application No. 2016276972, under INID (72) correct the co-inventor to Antalik, Paul

Corrigenda

In Vol 36 , No 21 , Page(s) 3011 under the heading **Applications Accepted - Name Index** Under the name Adrian Squillaciotti, Application No. 2020273318, under INID (30) remove 2018255491

In Vol 36 , No 23 , Page(s) 3321 under the heading **Applications Accepted - Name Index** Under the name Oncoceutics, Inc., Application No. 2020286168, under INID (56) correct WO 2015/152468 A1 to read WO 2015/153468 A1.

In Vol 36 , No 24 , Page(s) 3400 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Damon Motors Inc., Application No. 2021232213, under INID (31) insert 16/936,306; under INID (32) insert the date 21.07.20; under INID (33) insert US

In Vol 36 , No 26 , Page(s) 3644 under the heading **Amendments - Application for Amendments** Under the name ILaB, Patent No. 2018353722 correct the date of the statements to read 12 Apr 2022 and 31 May 2022

In Vol 36 , No 35 , Page(s) 4934 under the heading **Applications Accepted - Name Index** Under the name Precision Drone Services Intellectual Property, LLC, Application No. 2018325539, under INID (30) remove priority details 11,242,147

In Vol 36 , No 36 , Page(s) 4969 under the heading **Amendments - Application for Amendments** Under the name De La Rue International Limited, Application No. 2016261440 correct the date of the statements to read 14 Jun 2022 and 04 Aug 2022

In Vol 36 , No 37 , Page(s) 5182 under the heading **Applications Accepted - Name Index** Delete all reference to 2020204161.

Specifications Republished

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

2019351406	Huawei Technologies Co., Ltd.
2019351406	Huawei Technologies Co., Ltd.
2019383599	Huawei Technologies Co., Ltd.
2019383599	Huawei Technologies Co., Ltd.
2020239759	Apple Inc.