



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

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General Information

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

Editorial enquiries

Contact information

Freedom of Information ACT

Professional Standards Board

Sales

Requests for Information under Section 194 (c)

Country Codes

Trade Mark and Designs Hearing Sessions

INID (Internationally agreed Numbers for the Identification of Data)

GUIDE TO THE USE OF THIS JOURNAL

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

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

(i) FILING -

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

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

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

(iii) ACCEPTANCE –

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

(iv) OPPOSITION –

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

(v) GRANTING –

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

(vi) CERTIFICATION

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

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

How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

How Australian Patent Documents are Numbered

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

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

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

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

See Examples:

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

<p>NOTE: When ordering any patent document from us, whether accepted or not, please quote the application/patent number preceded by the appropriate prefix.</p>
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Arrangement of Information in the Journal

For each of the categories

(i) Provisional Applications Filed, (ii)

Complete Applications Filed, (iii)

Applications Open to Public Inspection

(iv) Applications Accepted, and (v)

Innovation Patent Certified.

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

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

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

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

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

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

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

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

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

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

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

The following Numerical Indices are available:

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

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

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

The indices to use are

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

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

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

'INID' NUMBERS in use on Australian Patent Documents

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

(10) Document identification

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

(20) Document filing data

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

(30) Priority data

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

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

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

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

(44) Date of publication by printing or similar process of a document, on which grant, or certification has taken place on or before the said date.

(50) Technical Information

(51) International Patent Classification

(52) Domestic or national classification

(54) Title of invention

(56) List of prior art documents, if separate from descriptive text

(57) Abstract or claim

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

(60) Related by cognate(s).

(61) Related by addition(s).

(62) Related by division(s).

(70) Identification of parties concerned with the document

(71) Name(s) of applicant(s)

(72) Name(s) of inventor(s) if known to be such

(74) Name(s) of attorney(s) or agent(s)

(75) Name(s) of inventor(s) who is (are) also applicant(s)

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

(86) PCT Application Number

(87) PCT Publication Number

NOTE

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

AU-A = Pre-examination

AU-B = Post-examination

(2) The classification used is the International Patent Classification and is identified by the INID code (51). Further editions of the classification are identified as (51)₂, (51)₃, (51)₄ and (51)₅.

(3) INID code 74 provides for the name of the patent attorney, or firm of attorneys, prosecuting an application.

(4) There is a gap in volume numbering of the Australian Official Journal of Patents. The volumes are:

- 1987-2022 Volume 1 - 36
- 2023 - Volume 57 -

AUSTRALIAN OFFICIAL JOURNAL OF PATENTS (Supplement) 14 September 2023

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

***Paige.AI, Inc.* [2023] APO 44**

Patent Application: 2020276112

Title: Systems and methods for processing images to classify the processed images for digital pathology

Patent Applicant: Paige.AI, Inc.

Delegate: Andrew Burgess

Decision Date: 4 September 2023

Hearing Date: Written submissions filed on 2 May 2023

Catchwords: PATENTS – Examiner objection – quality assurance of pathology samples with a machine learning model - claims lack manner of manufacture – claims lack inventive step – opportunity to amend

Representation: Patent attorney for the applicant: Davies Collison Cave

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 29 Aug 2023 .

(71) Aluminium Specialties Group Pty. Ltd. (21) 2023902855 (22) 05.09.2023 (54) SCREEN ASSEMBLY	(71) Cancravax Pty Ltd (21) 2023902816 (22) 01.09.2023 (54) METHODS AND PRODUCTS FOR TREATING OR PREVENTING MELANOMA	ditionally this would intergrade with software' to upload the products at the time of purchase into the app/website and generate the information from the store website of these products including their descriptions and photos to then be able to list these items on a website or app for loan. Additionally the starting and the stopping of the loaning / hire is done via photos
(71) AnkerRx Pty Ltd (21) 2023902838 (22) 04.09.2023 (54) Novel Compounds	(71) Cancravax Pty Ltd (21) 2023902817 (22) 01.09.2023 (54) METHODS AND PRODUCTS FOR TREATING OR PREVENTING LUNG CANCER	
(71) Antido Therapeutics International Sàrl; Bickerdike, M. (21) 2023902805 (22) 31.08.2023 (54) COMBINATION FOR USE IN THE TREATMENT OF GLIOMA	(71) CLEAN TEQ PTY LTD (21) 2023902808 (22) 31.08.2023 (54) A PROCESS AND PLANT	(71) Fearnley, J. (21) 2023902788 (22) 30.08.2023 (54) Portable shower apparatus
(71) Arkwright Technologies Pty Ltd (21) 2023902826 (22) 01.09.2023 (54) ACCELEROMETER	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2023902807 (22) 31.08.2023 (54) Nif variants	(71) Filamon Pty Ltd (21) 2023902841 (22) 04.09.2023 (54) Cyclic peptide treatment methods
(71) Atomo Diagnostics Limited (21) 2023902847 (22) 04.09.2023 (54) SWAB BASED TEST DEVICE	(71) CruxML Pty Ltd (21) 2023902858 (22) 06.09.2023 (54) Method for estimating the spectral correlation function utilising the sparse Fourier transform.	(71) Filamon Pty Ltd (21) 2023902842 (22) 04.09.2023 (54) Methods of inhibiting hGIIA
Bickerdike, M. see Antido Therapeutics International Sàrl (21) 2023902805	(71) CSL Behring GmbH (21) 2023902846 (22) 04.09.2023 (54) Spectroscopy methods	(71) Filamon Pty Ltd (21) 2023902843 (22) 04.09.2023 (54) Epidermal growth factor receptor inhibitors
(71) Biobins Pty Ltd (21) 2023902800 (22) 31.08.2023 (54) A receptacle and a bag for receiving personal waste	(71) Curie Interventional Robotics Pty LTD (21) 2023902819 (22) 01.09.2023 (54) Clamping mechanism	(71) Filamon Pty Ltd (21) 2023902844 (22) 04.09.2023 (54) Methods of treating viral infections
(71) BRADFIELD, E. (21) 2023902796 (22) 31.08.2023 (54) Underwater camera mount	(71) Extons Property / LoanIt / Loanitnow (21) 2023902857 (22) 05.09.2023 (54) The loaning / renting / hiring of consumer products providing a solution based technology for people requiring items that are recycled purchases loaned while also generating a money return on purchase for the vendor. Ad-	(71) Five Rings Aerospace Pty Ltd (21) 2023902790 (22) 30.08.2023 (54) AIRCRAFT DOOR CLOSER SYSTEM
(71) Bugeja, D. (21) 2023902825 (22) 01.09.2023 (54) A ceiling cable tongue guide device		(71) FUTURESLEEP PTY LTD (21) 2023902856 (22) 05.09.2023 (54) A MATTRESS CONSTRUCTION SYSTEM AND METHOD OF MANUFACTURE THEREOF

Provisional Applications Filed - Name Index cont'd

(71) Gaynor, B.
(21) 2023902860 (22) 06.09.2023
(54) New Beehive Design to control Varroa Mite Infestations

(71) Good Water Energy Ltd
(21) 2023902786 (22) 30.08.2023
(54) A GEOTHERMAL HYDROGEN PRODUCTION AND COMPRESSION SYSTEM

(71) Ground Central Pty Ltd
(21) 2023902831 (22) 02.09.2023
(54) GROUND CENTRAL – AN OPTIMIZER AND BACK ANALYSIS FRAMEWORK FOR GROUND ENGINEERING

(71) Haberle, G.
(21) 2023902787 (22) 30.08.2023
(54) SMART FASTENING DEVICE

(71) Hermal Bio Energy International Pty Ltd
(21) 2023902818 (22) 01.09.2023
(54) BIO-CHAR AS A BIO-ACTIVATED CARBON CATALYST OR CATALYST SUPPORT

(71) Infinity Greentech Pty Ltd
(21) 2023902820 (22) 01.09.2023
(54) A Process for Producing Lithium Salts

(71) INNO ENERGY GROUP PTY LTD
(21) 2023902815 (22) 31.08.2023
(54) Passive Cooling Board for Heat Dissipation of High Power Electrical Devices

(71) INTIX TICKETING PTY LTD
(21) 2023902849 (22) 04.09.2023
(54) Process for selling tickets for an event at the venue

(71) Ironman 4x4 Pty Ltd
(21) 2023902830 (22) 01.09.2023
(54) ADJUSTABLE BYPASS SHOCK ABSORBER

(71) Jain, S.
(21) 2023902835 (22) 04.09.2023
(54) Women's swimwear with a multi storage waterproof pocket ergonomically positioning to enhance functionality.

(71) Janus Electric Pty Ltd
(21) 2023902806 (22) 31.08.2023
(54) Vehicle battery system

(71) Kennett, J.
(21) 2023902836 (22) 04.09.2023
(54) Built-on-top Cutter Blade

(71) Maconachie, R.
(21) 2023902789 (22) 30.08.2023
(54) BIN BENCH

(71) Matthews, R.
(21) 2023902834 (22) 03.09.2023
(54) Death and Funeral notice

(71) McKail, R.
(21) 2023902845 (22) 04.09.2023
(54) Load Restraint Keeper and Load Restraint Strapping Incorporating Same

(71) Minesensor Assets Pty Ltd
(21) 2023902852 (22) 05.09.2023
(54) Improvements in a sensor assembly and monitoring system for an idler roller

(71) Modulo Panel Pty Ltd
(21) 2023902804 (22) 31.08.2023
(54) Surface covering material for acoustic control surface and method of manufacture and application

(71) NewSouth Innovations Pty Limited
(21) 2023902822 (22) 01.09.2023
(54) Additive manufacturing method

(71) NEWSOUTH INNOVATIONS PTY LIMITED
(21) 2023902823 (22) 01.09.2023
(54) An oxygen evolution reaction electrocatalyst and methods for preparation and use thereof

(71) Oeum, A.
(21) 2023902791 (22) 30.08.2023
(54) RFID Frame

(71) Open Star Technologies Limited
(21) 2023902794 (22) 30.08.2023
(54) Dipole Field Magnet

(71) O'Connell, S.
(21) 2023902832 (22) 02.09.2023
(54) Bath water warmer

(71) ProcellAI Pty Ltd
(21) 2023902793 (22) 30.08.2023
(54) Biological cell development device

(71) Queensland University of Technology
(21) 2023902827 (22) 01.09.2023
(54) Metal-binding compounds and metal complexes, methods of their preparation, and uses in the complexing of metal ions

(71) Rahiman, I.
(21) 2023902795 (22) 30.08.2023
(54) Process for medical/surgical/anaesthetic consenting for non english speaking patients prior to surgery.

(71) Ramanayaka, V.
(21) 2023902848 (22) 04.09.2023
(54) A real-time communication video compilation system

(71) Ramsden, T.
(21) 2023902812 (22) 31.08.2023
(54) AN EXERCISE DEVICE

(71) Sattler, C.
(21) 2023902803 (22) 31.08.2023
(54) A Structural Connector Assembly

(71) Scolaro, A.
(21) 2023902833 (22) 02.09.2023
(54) A Power Drive for Clean Energy

(71) Sea Forest Limited
(21) 2023902829 (22) 01.09.2023
(54) COMPOSITIONS COMPRISING COMBINATIONS OF ANTI-METHANOGENIC AGENTS, AND USES THEREOF

(71) Seer Medical Pty Ltd
(21) 2023902813 (22) 31.08.2023
(54) A method to forecast multiple seizure types using seizure cycles

(71) Sutton, J.
(21) 2023902853 (22) 05.09.2023
(54) Engine Assembly

(71) SY Doors Pty Ltd
(21) 2023902839 (22) 04.09.2023
(54) Barrier door

(71) Systems IP Pty Ltd
(21) 2023902801 (22) 31.08.2023
(54) A connector

(71) The University of Adelaide
(21) 2023902798 (22) 31.08.2023
(54) MUTANT CYTOCHROME P450 ENZYMES WITH ENHANCED PEROXYGENASE ACTIVITY AND/OR ALTERED PRODUCT SELECTIVITY

(71) The University of Adelaide
(21) 2023902811 (22) 31.08.2023
(54) SOLAR RECEIVER

Provisional Applications Filed - Name Index cont'd

(71) The University of Newcastle
 (21) 2023902799 (22) 31.08.2023
 (54) Methods of treating myopia

(71) The University of Queensland
 (21) 2023902792 (22) 30.08.2023
 (54) POLYHDROXYALKANOATES

(71) The University of Queensland
 (21) 2023902824 (22) 01.09.2023
 (54) POLYMER MATERIALS FOR REDUCING LIPOPROTEIN CONTENT

(71) THE WATER & CARBON GROUP PTY. LTD.
 (21) 2023902809 (22) 31.08.2023
 (54) An improved method of water treatment

(71) TNBT Holdings Pty Ltd
 (21) 2023902851 (22) 05.09.2023
 (54) Non-Invasive Mounting System for Gate Post Lock

(71) Truscott, R.
 (21) 2023902837 (22) 04.09.2023
 (54) A novel target in amyloid for Alzheimer's Disease diagnosis and treatment

(71) Underground Trades Services Limited
 (21) 2023902797 (22) 31.08.2023
 (54) Method of Installing a Rock Strata Tendon

(71) VAXMED Pty Ltd
 (21) 2023902828 (22) 01.09.2023
 (54) Flavivirus vaccine compositions and related methods

(71) VINROX PTY LTD
 (21) 2023902810 (22) 31.08.2023
 (54) PULLEY APPARATUS

(71) Vitrafy Life Sciences Limited
 (21) 2023902850 (22) 05.09.2023
 (54) Method and system for controlling the processing of biological materials

(71) Volt Power Group Limited
 (21) 2023902821 (22) 01.09.2023
 (54) AN ELECTROLYSER SYSTEM AND METHOD FOR OPERATING AN ELECTROLYSER SYSTEM

(71) WEIR MINERALS AUSTRALIA LTD
 (21) 2023902802 (22) 31.08.2023
 (54) A VIBRATORY SCREENING MACHINE AND AN EXCITER MODULE

(71) Whelan, T.
 (21) 2023902854 (22) 05.09.2023
 (54) A motorbike lifting rack for a pickup truck

(71) Wilton, F.
 (21) 2023902840 (22) 04.09.2023
 (54) Adjustable Wedge System for Spacing and Levelling

(71) ZEROJET LIMITED
 (21) 2023902814 (22) 31.08.2023
 (54) THROTTLE APPARATUS FOR JET WATERCRAFT

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2023902802	WEIR MINERALS AUSTRALIA LTD		
2023902803	Sattler, C.		
2023902804	Modulo Panel Pty Ltd		
2023902805	Antido Therapeutics International Sàrl; Bickerdike, M.		
2023902806	Janus Electric Pty Ltd		
2023902807	Commonwealth Scientific and Industrial Research Organisation		
2023902808	CLEAN TEQ PTY LTD		
2023902809	THE WATER & CARBON GROUP PTY. LTD.		
2023902810	VINROX PTY LTD		
2023902811	The University of Adelaide		
2023902812	Ramsden, T.		
2023902813	Seer Medical Pty Ltd		
2023902814	ZEROJET LIMITED		
2023902815	INNO ENERGY GROUP PTY LTD		
2023902816	Cancuravax Pty Ltd		
2023902817	Cancuravax Pty Ltd		
2023902818	Hermal Bio Energy International Pty Ltd		
2023902819	Curie Interventional Robotics Pty LTD		
2023902820	Infinity Greentech Pty Ltd		
2023902821	Volt Power Group Limited		
2023902822	NewSouth Innovations Pty Limited		
2023902823	NEWSOUTH INNOVATIONS PTY LIMITED		
2023902824	The University of Queensland		
2023902825	Bugeja, D.		
2023902826	Arkwright Technologies Pty Ltd		
2023902827	Queensland University of Technology		
2023902828	VAXMED Pty Ltd		
2023902829	Sea Forest Limited		
2023902830	Ironman 4x4 Pty Ltd		
2023902831	Ground Central Pty Ltd		
2023902832	O'Connell, S.		
2023902833	Scolaro, A.		
2023902834	Matthews, R.		
2023902835	Jain, S.		
2023902836	Kennett, J.		
2023902837	Truscott, R.		
2023902838	AnkerRx Pty Ltd		
2023902839	SY Doors Pty Ltd		
2023902840	Wilton, F.		
2023902841	Filamon Pty Ltd		
2023902842	Filamon Pty Ltd		
2023902843	Filamon Pty Ltd		
2023902844	Filamon Pty Ltd		
2023902845	McKail, R.		
2023902846	CSL Behring GmbH		
2023902847	Atomo Diagnostics Limited		
2023902848	Ramanayaka, V.		
2023902849	INTIX TICKETING PTY LTD		
2023902850	Vitrafy Life Sciences Limited		
2023902851	TNBT Holdings Pty Ltd		
2023902852	Minesensor Assets Pty Ltd		

Complete Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 29 Aug 2023 .

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

(71) 6K Inc. (21) 2023222990 (22) 01.09.2023 (54) PROCESS FOR PRODUCING SPHEROIDIZED POWDER FROM FEED-STOCK MATERIALS (62) 2023203146	(71) American Greetings Corporation (21) 2023222849 (22) 29.08.2023 (54) POP-UP WITH SLIDE LOCK (31) 17/897,573 (32) 29.08.23 (33) US	(71) Apple Inc. (21) 2023222931 (22) 31.08.2023 (54) Voice trigger for a digital assistant (62) 2022224773
(71) A.C.N. 630 589 507 PTY LTD (21) 2023223004 (22) 01.09.2023 (54) Battery Recycling Process (62) 2019400942	(71) American Greetings Corporation (21) 2023222854 (22) 29.08.2023 (54) POP-UP OBJECT WITH DOUBLE CANOPY (31) 17/948,529 (32) 20.09.22 (33) US	(71) Aristocrat Technologies, Inc. (21) 2023222898 (22) 30.08.2023 (54) VIRTUAL ELECTRONIC GAMING SYSTEMS AND METHODS (31) 18/457,082 (32) 28.08.23 (33) US 63/375,029 08.09.22 US
(71) Abbott Diabetes Care Inc. (21) 2023222891 (22) 30.08.2023 (54) Analyte sensors and sensing methods for detecting creatinine (62) 2019427806	(71) Amgen Inc. (21) 2023222865 (22) 29.08.2023 (54) Interleukin-2 muteins for the expansion of T-regulatory cells (62) 2021215211	(71) Aristocrat Technologies Australia Pty Limited (21) 2023222892 (22) 30.08.2023 (54) A gaming machine and a method of gaming thereon (62) 2021204122
(71) Acorn Engineering Company (21) 2023222949 (22) 31.08.2023 (54) Ligature resistant cabinet (31) 17/948,526 (32) 20.09.22 (33) US	(71) Amgen Inc. (21) 2023222915 (22) 31.08.2023 (54) Methods of purifying Fc-containing proteins (62) 2017298984	(71) Arizona Board of Regents on Behalf of the University of Arizona (21) 2023222895 (22) 30.08.2023 (54) STACKED TISSUE ENCAPSULATION DEVICE SYSTEMS WITH OR WITHOUT OXYGEN DELIVERY (62) 2021206840
(71) Agency for Defense Development (21) 2023222918 (22) 31.08.2023 (54) Liquid Fuel Supply System Including Auxiliary Air Supply Device (31) 10-2022-0127677 (32) 06.10.22 (33) KR	(71) ANDREEV, P.R. (21) 2023206149 (22) 19.07.2023 (54) SYSTEM FOR VISUALISING IMAGE (VARIANTS), METHOD FOR VISUALISING IMAGE (VARIANTS) AND UNMANNED AERIAL VEHICLE (31) 2022129081 (32) 09.11.22 (33) RU	(71) Art Plastics Pty Ltd (21) 2023222930 (22) 31.08.2023 (54) BATHROOM FITTINGS (62) 2021232714
(71) AI21 Labs (21) 2023222905 (22) 31.08.2023 (54) SYSTEMS AND METHODS OF CONTROLLABLE NATURAL LANGUAGE GENERATION (62) 2020326435	(71) ANDREEV, P.R. (21) 2023206152 (22) 19.07.2023 (54) VEHICLE, TRANSPORT SYSTEM (VARIANTS) AND METHOD OF MOVING VEHICLE (31) 2022124960 (32) 22.09.22 (33) RU	(71) Assa Abloy New Zealand Limited (21) 2023222946 (22) 31.08.2023 (54) LOCK WITH SECURABLE RETAINER FOR SLIDING PANELS AND INSTALLATION METHOD (62) 2021221630
(71) Allergan Pharmaceuticals International Limited (21) 2023222864 (22) 29.08.2023 (54) INJECTABLE GELS COMPRISING CROSS-LINKED HYALURONIC ACID AND HYDROXYAPATITE, AND METHODS OF MANUFACTURING THEREOF (62) 2017325038	(71) ANDREEV, P. (21) 2023210609 (22) 03.08.2023 (54) AIRCRAFT APPARATUS (VARIANTS), SELF-PROPELLED MODULE, PAYLOAD, SYSTEM AND METHOD FOR MOVING PAYLOAD (VARIANTS) (31) RU2022135036 (32) 28.12.22 (33) RU	(71) Aurigene Oncology Limited (21) 2023222987 (22) 01.09.2023 (54) Bicyclic heterocycl derivatives as IRAK4 inhibitors (62) 2021203761
(71) ALSTOM Holdings (21) 2023222846 (22) 29.08.2023 (54) Air duct system for a transportation vehicle, and transportation vehicle comprising such air duct system (31) 202241049470 (32) 30.08.22 (33) IN	(71) Apple Inc. (21) 2023222894 (22) 30.08.2023 (54) Ambient sound enhancement and acoustic noise cancellation based on context (62) 2021204197	(71) Avava, Inc. (21) 2023222972 (22) 31.08.2023 (54) Feedback detection for a treatment device (62) 2019288652

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(71) Avent, Inc.
(21) 2023222938 (22) 31.08.2023
(54) Method and system for improving location accuracy of a radiofrequency ablation procedure via fiducial marking
(62) 2017400540

(71) Axiflux Holdings Pty Ltd
(21) 2023222904 (22) 30.08.2023
(54) ELECTRIC MOTOR/GENERATOR
(62) 2021206849

(71) AyuVis Research, Inc.
(21) 2023222844 (22) 29.08.2023
(54) NOVEL COMPOSITIONS AND THERAPEUTIC METHODS
(62) 2021232715

(71) Barco N.V.
(21) 2023222877 (22) 30.08.2023
(54) System and method for camera calibration
(62) 2016433859

(71) Batters-Holding, T.
(21) 2023222841 (22) 29.08.2023
(54) An Improved Modular SHS Joiner

(71) Baxter Healthcare SA; Baxter International Inc
(21) 2023222880 (22) 30.08.2023
(54) CONTROL OF A WATER DEVICE VIA A DIALYSIS MACHINE USER INTERFACE
(62) 2021290244

Baxter International Inc see Baxter Healthcare SA
(21) 2023222880

(71) Boston Scientific Scimed, Inc.
(21) 2023222942 (22) 31.08.2023
(54) Vapor ablation systems and methods
(62) 2017382873

(71) Boston Scientific Scimed, Inc.
(21) 2023222976 (22) 31.08.2023
(54) Endoscope having multiple viewing directions
(62) 2018214839

(71) Brisa International LLC
(21) 2023222945 (22) 31.08.2023
(54) System and method for biomass growth and processing
(62) 2021203736

(71) CATERPILLAR INC.
(21) 2023222950 (22) 31.08.2023

(54) HOLLOW CENTER ANGULAR POSITION SENSOR
(31) 17/952431 (32) 26.09.22 (33) US

(71) Caterpillar Underground Mining Pty Ltd
(21) 2023222913 (22) 31.08.2023
(54) Cooling arrangement for conditioning cabins of work machines

(71) Caterpillar Underground Mining Pty Ltd
(21) 2023222914 (22) 31.08.2023
(54) Method and system for heating cabins of work machines

(71) Cleveland HeartLab, Inc.
(21) 2023222961 (22) 31.08.2023
(54) Compositions and methods for purification and detection of HDL and ApoA1
(62) 2020244532

(71) COAS CO., LTD.
(21) 2023222874 (22) 30.08.2023
(54) CONVEYOR SYSTEM FOR EASILY DISCHARGING LOADS OF DUMP TRUCK AND CONTROL METHOD THEREOF
(31) 10-2023-0077639 (32) 16.06.23 (33) KR

(71) Cold Spring Harbor Laboratory
(21) 2023222924 (22) 31.08.2023
(54) Novel structurally designed shRNAs
(62) 2020294243

(71) Commonwealth Scientific and Industrial Research Organisation
(21) 2023222899 (22) 30.08.2023
(54) METHOD AND SYSTEM FOR GENERATING A 3D REPRESENTATION OF AN OBJECT

(71) CoolSystems, Inc.
(21) 2023222842 (22) 29.08.2023
(54) SYSTEMS AND METHODS FOR RAPID CONTRAST THERAPY
(62) 2018210414

(71) CORDIS CORPORATION
(21) 2023222840 (22) 29.08.2023
(54) Endoprosthesis with predetermined curvature formed by tri-tethers
(62) 2021209219

(71) Corning Research & Development Corporation
(21) 2023222885 (22) 30.08.2023
(54) MULTIPORTS AND OPTICAL CONNECTORS WITH ROTATIONALLY DISCRETE LOCKING AND KEYING FEATURES
(62) 2018290774

(71) Crispr Therapeutics AG
(21) 2023222981 (22) 31.08.2023
(54) MATERIALS AND METHODS FOR ENGINEERING CELLS AND USES THEREOF IN IMMUNO-ONCOLOGY
(62) 2018367896

(71) Curis, Inc.
(21) 2023222890 (22) 30.08.2023
(54) COMPOUNDS AND COMPOSITIONS FOR TREATING HEMATOLOGICAL DISORDERS
(62) 2018359248

(71) Daon Technology
(21) 2023222967 (22) 31.08.2023
(54) METHODS AND SYSTEMS FOR DETERMINING USER LIVENESS AND VERIFYING USER IDENTITIES
(62) 2022203880

(71) Dart Industries Inc.
(21) 2023222906 (22) 31.08.2023
(54) SERVING DISH COVER
(31) 17/961,503 (32) 06.10.22 (33) US

(71) Diehl Defence GmbH & Co. KG
(21) 2023222888 (22) 30.08.2023
(54) Marx generator with fluid cooling and gas space for spark gaps
(31) 10 2022 003 392.5 (32) 15.09.22 (33) DE

(71) Dux Industries Limited
(21) 2023222856 (22) 29.08.2023
(54) CONNECTOR
(31) 791876 (32) 29.08.22 (33) NZ

(71) ECOINNO (H.K.) LIMITED
(21) 2023222941 (22) 31.08.2023
(54) CELLULOSE MATERIALS AND METHODS OF MAKING AND USING SAME
(62) 2021202588

(71) El Charkaoui, F.
(21) 2023222867 (22) 29.08.2023
(54) FORMWORK FOR STRUCTURAL COLUMNS

(71) Eli Lilly and Company
(21) 2023222953 (22) 31.08.2023
(54) Systems and methods for detecting cognitive decline with mobile devices
(62) 2020310165

(71) Eli Lilly and Company
(21) 2023222957 (22) 31.08.2023
(54) Systems and methods for detecting cognitive decline with mobile devices
(62) 2020310165

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(71) Eli Lilly and Company
(21) 2023222958 (22) 31.08.2023
(54) Systems and methods for detecting cognitive decline with mobile devices
(62) 2020310165

(71) Eli Lilly and Company
(21) 2023222959 (22) 31.08.2023
(54) Systems and methods for detecting cognitive decline with mobile devices
(62) 2020310165

(71) Eli Lilly and Company
(21) 2023222960 (22) 31.08.2023
(54) Systems and methods for detecting cognitive decline with mobile devices
(62) 2020310165

ELLIOTT, T. see ELLIOTT, R.
(21) 2023222998

(71) ELLIOTT, R.; ELLIOTT, T.
(21) 2023222998 (22) 01.09.2023
(54) BOOK COVERING APPARATUS AND METHOD

(71) Enterome S.A.
(21) 2023222999 (22) 01.09.2023
(54) Immunogenic compounds for cancer therapy
(62) 2022200872

(71) Evans, L.
(21) 2023223000 (22) 01.09.2023
(54) Tool Bit Holder

(71) EVERTRON HOLDINGS PTE. LTD.
(21) 2023222940 (22) 31.08.2023
(54) Ingredient control device, Ingredient control method, transportation method, cooking method, and program
(62) 2018269653

(71) Farrell, C.J.
(21) 2023222991 (22) 01.09.2023
(54) AN ORAL TRAINING APPLIANCE
(62) 2018333837

(71) FBJ Holdings Pty Ltd
(21) 2023222889 (22) 30.08.2023
(54) MODULAR FURNITURE
(31) 2022902487 (32) 30.08.22 (33) AU

(71) FISHER & PAYKEL HEALTHCARE LIMITED
(21) 2023222989 (22) 01.09.2023
(54) Interface Comprising a Rolling Nasal Bridge Portion
(62) 2021258006

(71) Fraser, M.A.
(21) 2023222994 (22) 01.09.2023
(54) A portable shelter
(62) 2022215254

Fundació Institut de Recerca Biomèdica (IRB Barcelona) see Institució Catalana de Recerca i Estudis Avançats
(21) 2023222928

(71) Fuzhou Wuli Miao Information Technology Co., Ltd.
(21) 2023222901 (22) 30.08.2023
(54) IMAGE RECOMMENDATION METHOD AND APPARATUS BASED ON USER PROFILE, ELECTRONIC DEVICE, AND STORAGE MEDIUM
(31) 202310515442.9 (32) 09.05.23 (33) CN

(71) Galleon Labs LLC
(21) 2023222925 (22) 31.08.2023
(54) Strontium based compositions and formulations for pain, pruritus, and inflammation
(62) 2017201085

(71) GBS Global BioPharma, Inc.
(21) 2023222872 (22) 30.08.2023
(54) Cannabinoid-containing complex mixtures for the treatment of neurodegenerative diseases
(62) 2017344040

GD MIDEA HEATING & VENTILATING EQUIPMENT CO., LTD. see WINONE ELEVATOR COMPANY LIMITED
(21) 2023222853

(71) Genentech, Inc.
(21) 2023222929 (22) 31.08.2023
(54) Pharmaceutical compound, salts thereof, formulations thereof, and methods of making and using same
(62) 2019215172

(71) General Mills, Inc.
(21) 2023222917 (22) 31.08.2023
(54) High collagen brownie and methods of making
(31) 63/403,163 (32) 01.09.22 (33) US

(71) Genmab B.V.
(21) 2023222851 (22) 29.08.2023
(54) Human IgG1 Fc region variants and uses thereof
(62) 2020205207

(71) Gomez, R.
(21) 2023222977 (22) 31.08.2023

(54) ADVANCED ELECTROLYTIC STORAGE AND RECOVERY OF HYDROGEN
(62) 2018299410

(71) Guangdong Shiguanwei Sanitary Ware Co., Ltd.
(21) 2023222875 (22) 30.08.2023
(54) Bidet with integrated built-in water tank
(31) 202222297236.9 (32) 30.08.22 (33) CN
202222324401.5 30.08.22 CN
202222705316.3 13.10.22 CN

(71) Guangdong Wuyuan New Material Technology Group Co., Ltd.
(21) 2023222857 (22) 29.08.2023
(54) ANIMAL LEATHER FIBER BUNDLE HAVING NANOSCALE BRANCHES, YARN, CORE-SPUN YARN AND PRODUCT
(62) 2020282482

(71) Hayes, K.
(21) 2023222992 (22) 01.09.2023
(54) ROBOTIC CRAWLER PLATFORM SYSTEMS AND METHODS
(31) 63409806 (32) 25.09.22 (33) US
18084423 19.12.22 US

(71) Haygain Ltd
(21) 2023222933 (22) 31.08.2023
(54) APPARATUS AND METHOD FOR FEEDING AN ANIMAL
(62) 2017296127

(71) Heraeus Medical GmbH
(21) 2023223002 (22) 01.09.2023
(54) COMPOSITION FOR PRODUCING A BONE REPLACEMENT MATERIAL, METHOD FOR PRODUCING A PHARMACEUTICAL EXCIPIENT, PHARMACEUTICAL EXCIPIENT, AND USE THEREOF
(31) 22194533.0 (32) 08.09.22 (33) EP

(71) HITCH & GO PTY LTD
(21) 2023222860 (22) 29.08.2023
(54) A VEHICLE MOUNTED SERVICE UNIT
(62) PCT/AU2022/050152

(71) Hlushchenko, M.; Maiorov, V.
(21) 2023222847 (22) 29.08.2023
(54) A HOUSING FOR A SCATTERED LIGHT DETECTION UNIT OF A SMOKE DETECTION DEVICE
(31) a202204859 (32) 19.12.22 (33) UA

(71) Huawei Technologies Co., Ltd.
(21) 2023222943 (22) 31.08.2023
(54) INTER PREDICTION METHOD AND APPARATUS
(62) 2019343426

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(71) Huawei Technologies Co., Ltd.
(21) 2023222964 (22) 31.08.2023
(54) Method and apparatus for sending and receiving clock synchronization packet
(62) 2017435222

Illumina, Inc. see Oregon Health & Science University
(21) 2023222858

(71) Illumina, Inc.; Illumina, Singapore Pte. Ltd.
(21) 2023222979 (22) 31.08.2023
(54) Cartridge assembly
(62) 2017344061

Illumina, Singapore Pte. Ltd. see Illumina, Inc.
(21) 2023222979

(71) Institució Catalana de Recerca i Estudis Avançats; Merus N.V.; Fundació Institut de Recerca Biomèdica (IRB Barcelona)
(21) 2023222928 (22) 31.08.2023
(54) Binding molecules that inhibit cancer growth
(62) 2016340764

(71) Intellitech Pty Ltd.
(21) 2023222855 (22) 29.08.2023
(54) Electric Motor
(62) 2018398745

Iowa State University Research Foundation, Inc. see Kittrich Corporation
(21) 2023222870

(71) IRIS ID PTY LIMITED
(21) 2023222868 (22) 29.08.2023
(54) Dispensing System
(62) 2021245140

(71) Itron, Inc
(21) 2023222962 (22) 31.08.2023
(54) Encryption key management in mesh networks
(31) 17/934,072 (32) 21.09.22 (33) US

(71) Itron, Inc
(21) 2023222966 (22) 31.08.2023
(54) Messaging among message groups in a mesh network
(31) 17/933,007 (32) 16.09.22 (33) US

(71) Itron, Inc.
(21) 2023222965 (22) 31.08.2023
(54) Messaging among message groups in a mesh network
(31) 17/933,011 (32) 16.09.22 (33) US

(71) Janssen Biotech, Inc.
(21) 2023222879 (22) 30.08.2023
(54) Humanised anti kallikrein-2 antibody
(62) 2020207775

(71) J A Redekop Holdings Ltd.
(21) 2023223003 (22) 01.09.2023
(54) AGRICULTURAL LAND ROLLER IMPLEMENT WITH TRANSPORT WHEEL ARRANGEMENT HAVING A REDUCED TURNING RADIUS
(31) 3,181,443 (32) 08.11.22 (33) CA

Jinko Solar Co., Ltd. see Zhejiang Jinko Solar Co., Ltd.
(21) 2023222978

(71) JOST-Werke Deutschland GmbH
(21) 2023222884 (22) 30.08.2023
(54) Coupling device for a traction vehicle with an object detection means attached to it
(31) 10 2022 003 183.3 (32) 31.08.22 (33) DE

(71) Kabushiki Kaisha Toshiba
(21) 2023222916 (22) 31.08.2023
(54) Electrolysis system and method of driving electrolysis system
(31) 2023-045396 (32) 22.03.23 (33) JP

(71) Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation
(21) 2023222974 (22) 31.08.2023
(54) Electrode for electrochemical reaction device, membrane electrode assembly, and electrochemical reaction device
(31) 2022-159397 (32) 03.10.22 (33) JP

(71) Kaefer Integrated Services Pty Ltd
(21) 2023222863 (22) 29.08.2023
(54) THERMAL INSULATION

(71) KDB INTELLECTUAL PTY LTD
(21) 2023222947 (22) 31.08.2023
(54) ADJUSTABLE HINGE AND HINGE MOUNT
(31) 2022902510 (32) 01.09.22 (33) AU

(71) KDB INTELLECTUAL PTY LTD
(21) 2023222985 (22) 01.09.2023
(54) MULTI-LOCK COMPRISING A KEY-LESS LOCK FOR CLOSURES
(31) 2022902509 (32) 01.09.22 (33) AU

(71) Kittrich Corporation; Iowa State University Research Foundation, Inc.
(21) 2023222870 (22) 30.08.2023

(54) Monoterpenoid/phenylpropanoid-containing compounds and methods of their making and use as herbicides
(62) 2017315687

(71) Komatsu Ltd.
(21) 2023222971 (22) 31.08.2023
(54) Work management device, work management system, operation machine, work management method, and program
(62) 2019431055

(71) Komatsu Ltd.
(21) 2023222996 (22) 01.09.2023
(54) Operation information transmission device, construction management system, operation information transmission method, and program
(62) 2021204071

(71) Kop-Coat, Inc.
(21) 2023222986 (22) 01.09.2023
(54) SOLUTIONS FOR ENHANCING THE EFFECTIVENESS OF INSECTICIDES AND FUNGICIDES ON LIVING PLANTS AND RELATED METHODS
(62) 2020294285

(71) Krystal Biotech, Inc.
(21) 2023222939 (22) 31.08.2023
(54) Compositions and methods for the treatment of autosomal recessive congenital ichthyosis
(62) 2019252658

(71) Leviat AG
(21) 2023222883 (22) 30.08.2023
(54) CONNECTING ASSEMBLY FOR THE FORCE-TRANSMITTING ATTACHMENT OF A FIRST FORCE-ABSORBING STRUCTURAL PART TO A SECOND FORCE-ABSORBING STRUCTURAL PART, AND STRUCTURE
(31) 20 2022 105 156.9 (32) 13.09.22 (33) DE

(71) LG ELECTRONICS INC.
(21) 2023222923 (22) 31.08.2023
(54) LAUNDRY TREATING APPARATUS
(62) 2021245233

(71) Lineage Logistics, LLC
(21) 2023222937 (22) 31.08.2023
(54) LENS HEATER ASSEMBLY
(62) 2021320493

LI ZHENG see PIN GENIE Limited
(21) 2023222909

(71) Loku Thuththiripitige, P.
(21) 2023222921 (22) 31.08.2023

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(54) Flow-optimised bend with reduced pressure losses for circular cross-sectioned flow lines.

(71) Longyear TM, Inc.
(21) 2023222973 (22) 31.08.2023
(54) Continuous sampling drill bit
(62) 2021206897

(71) Mahindra & Mahindra Limited
(21) 2023222862 (22) 29.08.2023
(54) POLYMER COMPOSITE
(31) 202241049305 (32) 29.08.22 (33) IN

Maiorov, V. see Hlushchenko, M.
(21) 2023222847

(71) Match Group, LLC
(21) 2023222852 (22) 29.08.2023
(54) SYSTEM AND METHOD FOR MATCHING USING LOCATION INFORMATION
(62) 2023202189

(71) MAX CO., LTD.
(21) 2023222887 (22) 30.08.2023
(54) BINDING MACHINE
(31) 2022-139996 (32) 02.09.22 (33) JP

Merus N.V. see Institució Catalana de Recerca i Estudis Avançats
(21) 2023222928

(71) Merus N.V.
(21) 2023222983 (22) 01.09.2023
(54) Multivalent antibody
(62) 2019243665

(71) NEXTBIOMEDICAL CO., LTD.
(21) 2023222956 (22) 31.08.2023
(54) Dispenser device for spraying powder
(31) 10-2023-0028780 (32) 03.03.23 (33) KR

(71) Nexus Mine Pty Ltd
(21) 2023222902 (22) 30.08.2023
(54) Multi-Thickness Ore Unloading Mat
(31) 202202383 (32) 01.09.22 (33) CL

(71) Oasis Engineering (2003) Ltd
(21) 2023222871 (22) 30.08.2023
(54) NOZZLE FOR GASEOUS OR LIQUEFIED FUEL HAVING DELAY BETWEEN COUPLING AND ACTIVATION
(62) 2020312718

(71) Oculox Technologies SA
(21) 2023222934 (22) 31.08.2023

(54) Apparatus for providing retinal therapy, method for tracking a change in retinal cells' functional modification
(31) EP22193248.6 (32) 31.08.22 (33) EP

(71) Oregon Health & Science University; Illumina, Inc.
(21) 2023222858 (22) 29.08.2023
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(71) PIN GENIE Limited; Li ZHENG
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(71) Price Industries Limited
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(54) Ceiling Beam Grid
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(71) Pro-Mech Engineering Solutions Pty Ltd
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(54) A Dual-Seat O-port blade gate slurry valve
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(71) Quabba, C.
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(54) REMOVEABLE VEHICLE SHELF APPARATUS
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(54) Device for oral delivery of therapeutic compounds
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(54) Systems and methods for managing user subscriptions to content sources
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(71) Ryan, E.
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(54) VETERINARY SURGICAL JIG AND CORRESPONDING BONE PLATE
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(54) Coated granular fertilizers, methods of manufacture thereof, and uses
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(71) SHOEALLS CO., LTD.
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(54) Locking device
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(71) SOLAR ANALYTICS PTY LTD
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(54) System and method for efficient credentialing
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(71) Sungbo Industrial Co., Ltd.
(21) 2023222859 (22) 29.08.2023
(54) Fastening device for different components
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(71) SUPERSONIC IMAGINE
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(54) METHOD FOR DRIVING A TRANSMITTING DEVICE
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(71) Synergetics Pty Ltd
(21) 2023222896 (22) 30.08.2023
(54) Ventilation and Particulate Matter Removal System
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(54) PREPARATION OF TRIFAROTENE AND INTERMEDIATES AND POLYMORPHS THEREOF
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(21) 2023222853 (22) 29.08.2023

(54) Power management system, power management method, electronic device and storage medium
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(71) Wix.com Ltd.
(21) 2023222882 (22) 30.08.2023
(54) System and method for automated conversion of interactive sites and applications to support mobile and other display environments
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(21) 2023222936 (22) 31.08.2023
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(71) Zendesk, Inc.
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(54) Scheduling automated workflows to conserve computing resources
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(71) Zhejiang Jinko Solar Co., Ltd.; Jinko Solar Co., Ltd.
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(54) PHOTOVOLTAIC CELL, METHOD FOR PREPARING SAME, AND PHOTOVOLTAIC MODULE
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2023223002 Heraeus Medical GmbH
2023223003 J A Redekop Holdings Ltd.
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2023223005 Treace Medical Concepts, Inc.

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
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F	Patents on which an examination has been requested or report issued
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 2020251577 (5C) 2020253807 (5C) 2020274956 (5C)
 2020279724 (5C) 2020289720 (5C) 2020294106 (5C)
 2020294311 (5C) 2020385368 (5C) 2020401191 (5C)
 2020412281 (5C)

2021

2021100896 (22E) 2021100897 (22E) 2021100898 (22E)
 2021100901 (22E) 2021100903 (22E) 2021100906 (22E)
 2021100907 (22E) 2021100909 (22E) 2021100910 (22E)
 2021100911 (22E) 2021100912 (22E) 2021100913 (22E)
 2021100914 (22E) 2021100915 (22E) 2021100919 (22E)
 2021100920 (22E) 2021100921 (22E) 2021100922 (22E)
 2021100923 (22E) 2021100925 (22E) 2021100926 (22E)
 2021100927 (22E) 2021100929 (22E) 2021100930 (22E)
 2021100932 (22E) 2021100937 (22E) 2021100939 (22E)
 2021100943 (22E) 2021100947 (22E) 2021100948 (22E)
 2021100949 (22E) 2021100950 (22E) 2021100951 (22E)
 2021100952 (22E) 2021100953 (22E) 2021100954 (22E)
 2021100956 (22E) 2021100957 (22E) 2021100959 (22E)
 2021100960 (22E) 2021100962 (22E) 2021100964 (22E)
 2021100966 (22E) 2021100969 (22E) 2021100970 (22E)
 2021100973 (22E) 2021100974 (22E) 2021100975 (22E)
 2021100977 (22E) 2021100978 (22E) 2021100979 (22E)
 2021100980 (22E) 2021100982 (22E) 2021100983 (22E)
 2021203015 (4C) 2021203493 (4C) 2021203584 (5C)
 2021204019 (5C) 2021204110 (5C) 2021204245 (5C)
 2021204491 (5C) 2021204639 (5C) 2021204810 (16D)
 2021205089 (5C) 2021205108 (5C) 2021205120 (5C)
 2021206924 (5C) 2021209299 (5C) 2021209325 (5C)
 2021212042 (5C) 2021221661 (1B) 2021221870 (5C)
 2021232675 (4C) 2021232720 (5C) 2021236499 (5C)
 2021266276 (4C) 2021277769 (4C) 2021286368 (4C)

2022

2022100120 (22) 2022201780 (4C) 2022202775 (4C)
 2022204390 (4C) 2022211851 (5C) 2022211911 (5C)
 2022902514 (12AN)

2023

2023200790 (1B) 2023203648 (7AN) 2023216911 (12AN)
 2023902781 (12AN)

Assignments before Grant, Section 113

2018

2018223022 Prodrone Designs Pty Ltd The application has been assigned to **Alchin Long Group IP Pty Ltd**

2018223967 CeMM - Forschungszentrum für Molekulare Medizin GmbH The application has been assigned to **Exscientia GmbH**

2018359500 CeMM - Forschungszentrum für Molekulare Medizin GmbH The application has been assigned to **Exscientia GmbH**

2018397294 Burrell Mining Products, Inc. The application has been assigned to **FCI Holdings Delaware, Inc.**

Assignments before Grant, Section 113**2019**

2019359771 PerkinElmer Health Sciences (Australia) Pty Ltd The application has been assigned to **Revvity Diagnostics Global Holdings**

2020

2020221056 Build IP, LLC The application has been assigned to **BOXABL INC**

2020272882 Burrell Mining Products, Inc. The application has been assigned to **FCI Holdings Delaware, Inc.**

2020357181 Pain TEQ, LLC The application has been assigned to **PTL Opco LLC**

2020359010 Pain TEQ, LLC The application has been assigned to **PTL Opco LLC**

2020359012 Pain TEQ, LLC The application has been assigned to **PTL Opco LLC**

2020359013 Pain TEQ, LLC The application has been assigned to **PTL Opco LLC**

2020362245 EPFF Electrical Pipe for Fluid Transport AB The application has been assigned to **Alfa Laval Corporate AB**

2021

2021200983 Pacific Ventilation Pty Ltd The application has been assigned to **Systemair NZ Limited**

2021206779 Prodrome Designs Pty Ltd The application has been assigned to **Alchin Long Group IP Pty Ltd**

2021232062 Colorado State University Research Foundation The application has been assigned to **Dynavax Technologies Corporation; Colorado State University Research Foundation**

2021250904 Biotheryx, Inc The application has been assigned to **NeuroTheryX Canada Ltd.**

2021342305 KONINKLIJKE PHILIPS N.V. The application has been assigned to **Versuni Holding B.V.**

2021343270 KONINKLIJKE PHILIPS N.V. The application has been assigned to **Versuni Holding B.V.**

2021344626 KONINKLIJKE PHILIPS N.V. The application has been assigned to **Versuni Holding B.V.**

2021346211 KONINKLIJKE PHILIPS N.V. The application has been assigned to **Versuni Holding B.V.**

2021353995 KONINKLIJKE PHILIPS N.V. The application has been assigned to **Versuni Holding B.V.**

Assignments before Grant, Section 113**2022**

2022202922 JINKO SOLAR (HAINING) CO., LTD. The application has been assigned to **Jinko Solar Co. Ltd**

2022204004 Pain TEQ, LLC The application has been assigned to **PTL Opco LLC**

2022204130 Pain TEQ, LLC The application has been assigned to **PTL Opco LLC**

2022241774 K-GEN, INC. The application has been assigned to **K-Gen Therapeutics, Inc.**

2022247476 Cashmore, Stephen; Cashmore, James The application has been assigned to **Twice New Zealand Limited**

2022291581 Daon Enterprises Limited The application has been assigned to **Daon Technology**

2023

2023902117 REYNOLDS, Richard; MORGAN, Thomas The application has been assigned to **Fabrum IP Holdings Limited**

2023902118 Glasson, Neil The application has been assigned to **Fabrum IP Holdings Limited**

2023902765 Celalettin, Metin The application has been assigned to **Guler, Muren; Celalettin, Metin**

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.

2018

2018371164 **BIOTECH DENTAL** An application to extend the time from 22 Nov 2022 to 22 Aug 2023 in which to pay a continuation fee has been filed . Address for service - Krouzer IP PO Box 2035 Como WA 6152 AU

2019

2019200669 **Reinhardt, E.** An application to extend the time from 31 Jan 2023 to 31 Aug 2023 in which to pay a continuation fee has been filed . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2022

2022203633 **ASSIA SPE, LLC** An application to extend the time from 05 Dec 2022 to 05 Jul 2023 in which to pay a continuation fee has been filed . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

Extensions of Time, Section 223

Applications Allowed - Section 223(2)

2016

2016425639 **DriBond Concrete Overlay Solutions, LLC** The time in which to pay a renewal fee has been extended to 08 Jun 2023 . Address for service - RnB IP Pty Ltd PO Box 9530 Deakin ACT 2600 AU

2017

2017268641 **Venhuizen, J.; Jones, M.** The time in which to request examination and to pay a continuation fee has been extended to 07 Jun 2023 . Address for service - Protect Me Pty Ltd 21 Bluebay Hill Ballajura WA 6066 AU

2018

2018361980 **Glatfelter Holding (Switzerland) AG** The time in which to pay a continuation fee has been extended to 02 Jun 2023 . Address for service - Armour IP Pty Ltd PO Box 3099 Broadway Nedlands WA 6009 AU

2019

2019344813 **Haven Technology Solutions LLC** The time in which to pay the acceptance fee has been extended to 02 Sep 2023 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2021

2021201485 **Sernova Corporation** The time in which to pay a continuation fee has been extended to 27 Apr 2023 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2021249600 **KIKKOMAN CORPORATION** The time in which to enter the National Phase has been extended to 31 Mar 2023 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2021284769 **TECHFIELDS Inc.** The time in which to enter the National Phase has been extended to 08 Jun 2023 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2023

2023202002 **Domestic Sweden AB** The time in which to associate with a complete application has been extended to 27 Apr 2023 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2023202874 **Takeda Pharmaceutical Company Limited** The time in which to request examination has been extended to 16 Aug 2023 . Address for service - Maxwells Patent & Trade Mark Attorneys Pty Ltd PO Box R1466 SYDNEY NSW 1225 AU

2023203810 **Tau Motors, Inc.** The time in which to make a further application for a divisional patent has been extended to 16 Jul 2023 . Address for service - Griffith Hack Level 15 376-390 Collins St MELBOURNE VIC 3000 AU

2023203925 **LifeCORE Fitness, Inc.** The time in which to make a further application for a divisional patent has been extended to 09 Jul 2023 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2023219852 **Axcess Global Sciences, LLC** The time in which to make a further application for a divisional patent has been extended to 23 Aug

Extensions of Time, Section 223

2023 . Address for service - Pizzey's Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

Amendments

Applications for Amendment

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

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

2017

2017269608 Preservation of cell-free nucleic acids in biological samples **Norgen Biotek Corp.** The nature of the amendment is as shown in the statement(s) filed 09 Aug 2023 . Address for service - Colison & Co Gpo Box 2556 Adelaide SA 5001 AU

2018

2018250200 Conveyor oven apparatus and method **The Middleby Corporation** The nature of the amendment is as shown in the statement(s) filed 14 Aug 2023 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2018353854 Replacement heart valve with reduced suturing **Anteris Technologies Corporation** The nature of the amendment is as shown in the statement(s) filed 07 Aug 2023 . Address for service - Michael Buck IP PO Box 78 Red Hill QLD 4059 AU

2021

2021318431 Delivery system for ayahuasca-like substances **Ellis , G.** The nature of the amendment is as shown in the statement(s) filed 24 Aug 2023 . Address for service - Gregory Ellis 30D, 121 Kerry Rd. Suite #1006 Archerfield QLD 4108 AU

2021398589 Improved nitrification inhibitors and formulations **IN-CITEC FERTILISERS OPERATIONS PTY LTD** The nature of the amendment is as shown in the statement(s) filed 28 Aug 2023 . Address for service - FOUNDRY INTELLECTUAL PROPERTY PTY LTD PO Box Q1466 Queen Victoria Building NSW 1230 AU

Amendments Made

2019

2019288652 **Avava, Inc.** The nature of the amendment is: Amend the invention title to read Feedback detection for a treatment device

2020

2020393384 **Bayer Aktiengesellschaft; Bayer Pharma Aktiengesellschaft** The nature of the amendment is: Amend the name of the inventor to read SCHMEES, Norbert; WORTMANN, Lars; KIRCHHOFF, Dennis; NGUYEN, Thi Thanh Uyen; WERBECK, Nicolas; BÖMER, Ulf; PETERSEN, Kirstin; KOBER, Christina; STÖCKIGT, Detlef; LECHNER, Christian; MEIER, Robin Michael; HERBERT, Simon Anthony; KERSCHGENS, Isabel Patrizia; KOSEMUND, Dirk; OFFRINGA, Rienk; GREES, Mareike and BADER, Benjamin

Amendments

2021

2021202854 **LG Electronics Inc.** The nature of the amendment is as shown in the statement(s) filed 17 Apr 2023

2021203267 **Porter, I.** The nature of the amendment is: Amend the name of the inventor to read Porter, Ian

2021251756 **W. L. Gore & Associates, Inc.** The nature of the amendment is: Amend the name of the inventor to read DEPUE, Robert M.; POHLMAN, Benjamin; SILVERMAN, James D.; SKELTON, Tyson J. and CHANG, Theodore H.

2021356474 **NIHON SHOKUHIN KAKO CO., LTD.** The nature of the amendment is: Amend the invention title to read OIL-OR-FAT PROCESSED STARCH HAVING EXCEPTIONAL DISPERSIBILITY, METHOD FOR PRODUCING SAME, AND APPLICATION OF SAME

2021392002 **ARMS S.R.L.** The nature of the amendment is: Amend the invention title to read AUTOMATED SYSTEM FOR THE CONNECTION AND/OR DISCONNECTION OF THE POWER SUPPLY AND/OR DATA CONNECTION FOR REFRIGERATED CONTAINERS

2021428650 **MITSUBISHI ELECTRIC CORPORATION** The nature of the amendment is: Amend the invention title to read Motor drive apparatus, refrigeration cycle apparatus, air conditioner, water heater and refrigerator

2022

2022214268 **PRIOTHERA SAS; PRIOTHERA LIMITED** The nature of the amendment is: Amend the divisional priority details to read 2021424131

2022224389 **JUSTAIRTECH GMBH** The nature of the amendment is: Amend the invention title to read Apparatus and Method for Treating Gas and Air-conditioning Device

2022225377 **HUAWEI TECHNOLOGIES CO., LTD.** The nature of the amendment is: Amend the invention title to read Cyclic shift diversity-based communication method and apparatus

2022234069 **KAWASAKI JUKOGYO KABUSHIKI KAISHA** The nature of the amendment is: Amend the invention title to read TRIPLE CONTAINMENT TANK

2022244273 **NANJING CHERVON INDUSTRY CO., LTD.** The nature of the amendment is: Amend the invention title to read SELF-PROPELLED APPARATUS AND COLLISION DETECTION METHOD THEREOF

2022280839 **ABBISKO THERAPEUTICS CO., LTD.** The nature of the amendment is: Amend the invention title to read Crystalline CSF-1R inhibitor acidic salt, preparation method therefor and use thereof

2022315107 **LG ENERGY SOLUTION, LTD.** The nature of the amendment is: Amend the invention title to read Cooling member, and battery module and battery pack including the same

2022421902 **LG ENERGY SOLUTION, LTD.** The nature of the amendment is: Amend the invention title to read Battery pack having improved safety

Amendments

2022434181 **SHANGHAI NOVAMAB BIOPHARMACEUTICALS CO., LTD.** The nature of the amendment is: Amend the invention title to read Anti-TSLP nanobodies and their applications

2022902474 **Schroedel, H.** The nature of the amendment is: Application is to proceed under number 2022442101

2023

2023200698 **Getac Technology Corporation** The nature of the amendment is: Amend the priority details to read 63/350,910 10 Jun 2022 US and 202211314637.9 26 Oct 2022 CN

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

2008

2008251935 U.S. Steel Tubular Products, Inc. The name of the patentee has been altered to **U.S. Steel Tubular Products, LLC**

2010

2010270806 U.S. Steel Tubular Products, Inc. The name of the patentee has been altered to **U.S. Steel Tubular Products, LLC**

2018

2018227020 Alimentary Health Limited The name of the applicant has been altered to **Precisionbiotics Group Limited**

2019

2019283621 Korea Research Institute of Bioscience and Biotechnology The name of the patentee has been altered to **Korea Research Institute of Bioscience and Biotechnology**

2019399279 Nippon Suisan Kaisha, Ltd. The name of the applicant has been altered to **Nissui Corporation**

2019416349 Les Laboratoires Servier SAS The name of the applicant has been altered to **Les Laboratoires Servier**

2020

2020102900 AFS Business Group Pty Ltd The name of the patentee has been altered to **Iona Global Pty Ltd**

2021

2021232062 The Colorado State University Research Foundation The name of the applicant has been altered to **Colorado State University Research Foundation**

2021297198 Royal Melbourne Institute of Technology Limited The name of the applicant has been altered to **Royal Melbourne Institute of Technology**

2021337809 AIRBUS DEFENCE AND SPACE SAS; COMAT The name of the applicant has been altered to **AIRBUS DEFENCE AND SPACE SAS**

2021358123 ENLIVEN THERAPEUTICS, INC. The name of the applicant has been altered to **EnLiven Inc.**

Amendments

2022

2022216783 INTERDIGITAL CE PATENT HOLDINGS, SAS The name of the applicant has been altered to **InterDigital CE Patent Holdings, SAS**

2022902527 Baker Heart and Diabetes Institute; Lifehouse Australia The name of the applicant has been altered to **Baker Heart and Diabetes Institute; Lifehouse Australia; NSW Health Pathology; Garvan Institute of Medical Research; Sydney Local Health District**

2023

2023902838 AnkerRx Pty Ltd The name of the applicant has been altered to **AnkeRx Pty Ltd**

Applications Open to Public Inspection

Name Index

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

(71) 247 Holdings Pty Ltd
 (11) AU-A-2022201382
 (21) 2022201382 (22) 28.02.2022
 (54) Golf Training Apparatus
 (51) Int. Cl.
A63B 69/36 (2006.01)
A63B 63/00 (2006.01)
A63B 24/00 (2006.01)

(43) 14.09.2023
 (72) Vainshtein, Igor
 (74) WRAYS PTY LTD

(71) Abbott Diabetes Care Inc.
 (11) AU-A-2023222891
 (21) 2023222891 (22) 30.08.2023
 (54) Analyte sensors and sensing methods for detecting creatinine
 (51) Int. Cl.
A61B 5/145 (2006.01)
A61B 5/1473 (2006.01)
A61B 5/1486 (2006.01)

(43) 14.09.2023
 (62) 2019427806
 (72) Ouyang, Tianmei; Feldman, Benjamin J.; Cho, Hyun
 (74) FPA Patent Attorneys Pty Ltd

(71) Acceleron Pharma, Inc.
 (11) AU-A-2023219885
 (21) 2023219885 (22) 23.08.2023
 (54) Methods for increasing red blood cell levels and treating ineffective erythropoiesis by inhibiting activin B and/or GDF11
 (51) Int. Cl.
A61K 38/18 (2006.01)
A61K 31/7088 (2006.01)
A61K 39/395 (2006.01)
A61P 7/06 (2006.01)

(43) 14.09.2023
 (62) 2021200301
 (72) KUMAR, Ravindra; SURAGANI, Naga Venkata Sai Rajasekhar; KNOPF, John
 (74) Spruson & Ferguson

(71) Adobe Inc.
 (11) AU-A-2022283786
 (21) 2022283786 (22) 09.12.2022
 (54) NEURAL IMAGE COMPOSITING WITH LAYOUT TRANSFORMERS
 (51) Int. Cl.
G06T 11/60 (2006.01)
G06N 20/00 (2019.01)
G06V 10/75 (2022.01)

(31) 17/652,512 (32) 25.02.22 (33) US

(43) 14.09.2023
 (72) Dalal, Vipul; Sharma, Sanat; Dodle, Rohith mohan; Turgutlu, Kerem; Kumar, Jayant
 (74) RnB IP Pty Ltd

(71) Adobe Inc.
 (11) AU-A-2023201099
 (21) 2023201099 (22) 24.02.2023
 (54) CROPPING FOR EFFICIENT THREE-DIMENSIONAL DIGITAL RENDERING
 (51) Int. Cl.
G06T 15/08 (2011.01)
G06T 7/00 (2017.01)
G06T 7/70 (2017.01)

(31) 63/314,169 (32) 25.02.22 (33) US
 (43) 14.09.2023
 (72) Mahmood, Kowsheek; Roan, Kevin; Cardwell, David
 (74) RnB IP Pty Ltd

(71) AFL Telecommunications LLC; Fujikura Ltd.
 (11) AU-A-2023219941
 (21) 2023219941 (22) 24.08.2023
 (54) Round and small diameter optical cables with a ribbon-like optical fiber structure
 (51) Int. Cl.
G02B 6/44 (2006.01)

(43) 14.09.2023
 (62) 2022200762
 (72) Cignarale, Joseph; Baker, Doug; Hashimoto, Yoshio; Osato, Ken
 (74) FB Rice Pty Ltd

(71) Agensys, Inc.; Seagen Inc.
 (11) AU-A-2023206231
 (21) 2023206231 (22) 21.07.2023
 (54) Antibody drug conjugates (ADC) that bind to 191P4D12 proteins
 (51) Int. Cl.
C07K 1/00 (2006.01)
A61K 39/00 (2006.01)
A61K 39/395 (2006.01)

(43) 14.09.2023
 (62) 2020201153
 (72) Satpaev, DAulet; Morrison, Robert Kendall; Morrison, Karen Jane Meyrick; Gudas, Jean; Jakobovits, Aya; Torgov, Michael; An, Zili
 (74) FB Rice Pty Ltd

(71) Alcyone Therapeutics, Inc.
 (11) AU-A-2023219955
 (21) 2023219955 (22) 25.08.2023
 (54) Drug delivery systems and methods
 (51) Int. Cl.
A61M 5/168 (2006.01)
A61M 5/14 (2006.01)

A61M 25/14 (2006.01)
 (43) 14.09.2023
 (62) 2017379070
 (72) ANAND, P.J.; BROPHY, Morgan; SINGH, Deep Arjun; EBERL, Gregory; ARZUMAND, Ayesha; MOURA, Stela
 (74) Spruson & Ferguson

(71) Allergan Pharmaceuticals International Limited
 (11) AU-A-2023222864
 (21) 2023222864 (22) 29.08.2023
 (54) INJECTABLE GELS COMPRISING CROSS-LINKED HYALURONIC ACID AND HYDROXYAPATITE, AND METHODS OF MANUFACTURING THEREOF
 (51) Int. Cl.
A61K 8/04 (2006.01)
A61K 8/24 (2006.01)
A61K 8/73 (2006.01)
A61Q 19/08 (2006.01)

(43) 14.09.2023
 (62) 2017325038
 (72) Segal, David Dadi; Goldberg, Eran; Shklanovsky, Lital; Zinger, Ariel; Goldshaid-Zmiri, Liat
 (74) Michael Buck IP

(71) Angel Group Co., Ltd.
 (11) AU-A-2023219895
 (21) 2023219895 (22) 23.08.2023
 (54) SUBSTITUTE CURRENCY FOR GAMING, INSPECTION DEVICE, AND MANUFACTURING METHOD OF SUBSTITUTE CURRENCY FOR GAMING, AND MANAGEMENT SYSTEM FOR TABLE GAMES
 (51) Int. Cl.
G06Q 50/10 (2012.01)
A63F 1/06 (2006.01)
A63F 11/00 (2006.01)

(43) 14.09.2023
 (62) 2021286265
 (72) Shigeta, Yasushi
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Angel Group Co., Ltd.
 (11) AU-A-2023222835
 (21) 2023222835 (22) 28.08.2023
 (54) FRAUD DETECTION SYSTEM IN CASINO
 (51) Int. Cl.
G07C 11/00 (2006.01)
A47B 25/00 (2006.01)
G06T 7/00 (2017.01)

Applications Open to Public Inspection - Name Index cont'd

(43) 14.09.2023
 (62) 2021225257
 (72) Shigetata, Yasushi
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Apple Inc.
 (11) AU-A-2023219926
 (21) 2023219926 (22) 24.08.2023
 (54) Avatar creation and editing
 (51) Int. Cl.
 G06T 13/40 (2011.01)
 G06T 7/10 (2017.01)
 G06T 7/20 (2017.01)
 G06T 7/70 (2017.01)
 G06T 13/80 (2011.01)
 G06T 17/20 (2006.01)
 G06T 19/20 (2011.01)

(43) 14.09.2023
 (62) 2022200965
 (72) Barlier, Guillaume; Bauer, Sebastian; Cranfill, Elizabeth Caroline; Guzman, Aurelio; Jon, Tiffany S.; Manzari, Behkish J.; Ryan, Nicole R.; Scapel, Nicholas; Triverio, Marco; Van Os, Marcel; Wilson, Christopher; Yerkes, Giancarlo
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
 (11) AU-A-2023222894
 (21) 2023222894 (22) 30.08.2023
 (54) Ambient sound enhancement and acoustic noise cancellation based on context
 (51) Int. Cl.
 H03G 3/24 (2006.01)
 H04R 1/10 (2006.01)

(43) 14.09.2023
 (62) 2021204197
 (72) Woodruff, John; Saux, Tom-Davy W.; Bajic, Vladan; Iyengar, Vasu; Greenwood, Andrew E.; Chen, Tyrone T.; Mazur, Jakub; Verma, Tony S.
 (74) FPA Patent Attorneys Pty Ltd

(71) Aristocrat Technologies Australia Pty Limited
 (11) AU-A-2023219890
 (21) 2023219890 (22) 23.08.2023
 (54) ELECTRONIC GAMING SYSTEM AND METHOD OF PROVIDING PROGRESSIVE JACKPOT PLAY
 (51) Int. Cl.
 G07F 17/32 (2006.01)

(43) 14.09.2023
 (62) 2021204121
 (72) FAROOQ, Raheem
 (74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited
 (11) AU-A-2023222892
 (21) 2023222892 (22) 30.08.2023
 (54) A gaming machine and a method of gaming thereon
 (51) Int. Cl.
 A63F 13/00 (2014.01)

(43) 14.09.2023
 (62) 2021204122
 (72) HAWKINS, Ryan Paul; TSOMBANIDIS, Yanis; HONEYCUTT, Robert
 (74) Griffith Hack

(71) Arizona Board of Regents on Behalf of the University of Arizona
 (11) AU-A-2023222895
 (21) 2023222895 (22) 30.08.2023
 (54) STACKED TISSUE ENCAPSULATION DEVICE SYSTEMS WITH OR WITHOUT OXYGEN DELIVERY
 (51) Int. Cl.
 A61F 2/02 (2006.01)
 (43) 14.09.2023
 (62) 2021206840
 (72) Papas, Klearchos K.
 (74) Madderns Pty Ltd

(71) Atom Jet Industries (2002) Ltd.
 (11) AU-A-2023200509
 (21) 2023200509 (22) 31.01.2023
 (54) Winged and Angularly Adjustable Scraper Assembly for Disc-Based Furrow Openers of a Seeding Implement
 (51) Int. Cl.
 A01B 23/06 (2006.01)
 A01C 5/06 (2006.01)
 A01C 7/06 (2006.01)
 (31) 63/314,804 (32) 28.02.22 (33) US
 (43) 14.09.2023
 (72) Lagarde, Noel; Groening, Ryan; Somersall, Wylie
 (74) Michael Buck IP

(71) Avidbots Corp.
 (11) AU-A-2023219894
 (21) 2023219894 (22) 23.08.2023
 (54) APPARATUS AND METHODS FOR SEMI-AUTONOMOUS CLEANING OF SURFACES
 (51) Int. Cl.
 A47L 9/00 (2006.01)
 A47L 7/00 (2006.01)
 A47L 11/40 (2006.01)
 B25J 5/00 (2006.01)

(43) 14.09.2023
 (62) 2021203120
 (72) Sheikh, Faizan; Cabrera, Pablo Roberto Molina; Willick, Todd; D'Alessio-Doucet, Julien; Lee, Kenneth
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) AyuVis Research, Inc.
 (11) AU-A-2023222844
 (21) 2023222844 (22) 29.08.2023
 (54) NOVEL COMPOSITIONS AND THERAPEUTIC METHODS
 (51) Int. Cl.
 C07H 5/06 (2006.01)
 C07H 5/08 (2006.01)
 C07H 13/04 (2006.01)

(43) 14.09.2023
 (62) 2021232715
 (72) Agarwal, Beamon; Acharya, Suchismita; Panda, Santosh K.; Das, Pragnya
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Barco N.V.
 (11) AU-A-2023222877
 (21) 2023222877 (22) 30.08.2023
 (54) System and method for camera calibration
 (51) Int. Cl.
 A61B 5/00 (2006.01)
 A61B 1/00 (2006.01)
 (43) 14.09.2023
 (62) 2016433859
 (72) KIMPE, Tom; TOUNE, Frederik; DIRICX, Bart; DE BRAUWER, Elie; XTHONA, Albert; ROUSSON, Johanna; NOLLET, Peter
 (74) Spruson & Ferguson

(71) Baxter Healthcare SA; Baxter International Inc
 (11) AU-A-2023222880
 (21) 2023222880 (22) 30.08.2023
 (54) CONTROL OF A WATER DEVICE VIA A DIALYSIS MACHINE USER INTERFACE
 (51) Int. Cl.
 A61M 1/14 (2006.01)
 A61M 5/168 (2006.01)
 (43) 14.09.2023
 (62) 2021290244
 (72) ROHDE, Justin B.
 (74) K&L Gates

Baxter International Inc see Baxter Healthcare SA
 (21) 2023222880

BEIJING GUOJIANBIAO ENGINEERING EQUIPMENT TECHNOLOGY CO., LTD see CHINA INSTITUTE OF BUILDING STANDARD DESIGN & RESEARCH
 (21) 2022430004

(71) Benitec IP Holdings Inc.
 (11) AU-A-2023222827
 (21) 2023222827 (22) 28.08.2023
 (54) Reagents for treatment of oculopharyngeal muscular dystrophy (OPMD) and use thereof
 (51) Int. Cl.
 C12N 15/113 (2010.01)
 A61K 48/00 (2006.01)
 (43) 14.09.2023
 (62) 2017377661
 (72) STRINGS-UFOMBAH, Vanessa; SUHY, David
 (74) FB Rice Pty Ltd

(71) BEUMER Group GmbH & Co. KG
 (11) AU-A-2023200617

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 (54) METHOD FOR CATEGORIZATION OF PACKAGES FOR LOADING A TERMINAL STATION
 (51) Int. Cl.
B07C 5/00 (2006.01)
B65B 5/10 (2006.01)
B65B 57/00 (2006.01)
B65B 59/00 (2006.01)
G06Q 10/04 (2023.01)
G06V 20/60 (2022.01)
 (31) 22158851.0 (32) 25.02.22 (33) EP
 (43) 14.09.2023
 (72) Schulenberg, Martin; Radner, Frederik
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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 (11) AU-A-2023219951
 (21) 2023219951 (22) 25.08.2023
 (54) Enhancing the effect of CAR-engineered T cells by means of nucleic acid vaccination
 (51) Int. Cl.
C07K 14/725 (2006.01)
A61K 35/17 (2015.01)
A61K 39/00 (2006.01)
 (43) 14.09.2023
 (62) 2020203129
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 (74) FB Rice Pty Ltd
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- (71) Bioverativ Therapeutics Inc.
 (11) AU-A-2023219840
 (21) 2023219840 (22) 22.08.2023
 (54) Thrombin cleavable linker with XTEN and its uses thereof
 (51) Int. Cl.
A61K 38/37 (2006.01)
 (43) 14.09.2023
 (62) 2020203063
 (72) CHHABRA, Ekta Seth; KULMAN, John; LIU, Tongyao
 (74) Spruson & Ferguson
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- (71) Bird Buddy Inc.
 (11) AU-A-2023200969
 (21) 2023200969 (22) 20.02.2023
 (54) Bird station
 (51) Int. Cl.
A01K 31/12 (2006.01)
A01K 29/00 (2006.01)
A01K 31/14 (2006.01)
A01K 39/00 (2006.01)
A01K 45/00 (2006.01)
G01S 3/80 (2006.01)
G01S 17/04 (2020.01)
G01S 17/50 (2006.01)
H04N 7/18 (2006.01)
 (31) 63/314,005 (32) 25.02.22 (33) US
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 2203727.9 17.03.22 GB
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 (72) BUZZARD, Kyle; ZIDAR, Franci; JOHNSON, Cyrus
 (74) FB Rice Pty Ltd
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- (71) Boston Scientific Scimed, Inc.
 (11) AU-A-2023222832
 (21) 2023222832 (22) 28.08.2023
 (54) Device tip
 (51) Int. Cl.
A61B 1/00 (2006.01)
 (43) 14.09.2023
 (62) 2018227532
 (72) CALABRESE, Andrew; WOOD, Mark D.; HUGHES, Gregory Thomas; GAFFNEY, Brian
 (74) Spruson & Ferguson
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- (71) Cerapedics, Inc.
 (11) AU-A-2023216832
 (21) 2023216832 (22) 17.08.2023
 (54) Peptide-coated calcium phosphate particles
 (51) Int. Cl.
A61K 35/32 (2015.01)
A61K 9/14 (2006.01)
A61K 38/39 (2006.01)
A61K 47/30 (2006.01)
A61K 47/69 (2017.01)
A61L 27/12 (2006.01)
A61L 27/22 (2006.01)
A61P 19/08 (2006.01)
C07K 5/02 (2006.01)
C07K 5/06 (2006.01)
C07K 5/10 (2006.01)
C07K 7/06 (2006.01)
C07K 7/08 (2006.01)
 (43) 14.09.2023
 (62) 2017301511
 (72) Hannigan, Nolan Chase; Davis, Katherine Suzanne; Barnes, Tristan Stuart; Connor, Jerome
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) CFPH, LLC
 (11) AU-A-2023219949
 (21) 2023219949 (22) 25.08.2023
 (54) SYSTEM AND METHOD FOR CONVENIENCE GAMING
 (51) Int. Cl.
A63F 13/00 (2014.01)
 (43) 14.09.2023
 (62) 2021209225
 (72) Amaitis, Lee M.; ASHER, Joseph M.; Lutnick, Howard W.; Mylet, Darrin M.; Wilkins, Alan B.
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) Children's Medical Center Corporation
 (11) AU-A-2023219929
 (21) 2023219929 (22) 24.08.2023
 (54) SAPOSIN-A DERIVED PEPTIDES AND USES THEREOF
 (51) Int. Cl.
C07K 7/08 (2006.01)
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- (43) 14.09.2023
A61K 38/17 (2006.01)
A61P 35/00 (2006.01)
C07K 14/435 (2006.01)
C07K 19/00 (2006.01)
 (43) 14.09.2023
 (62) 2021261975
 (72) Watnick, Randolph
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) CHINA INSTITUTE OF BUILDING STANDARD DESIGN & RESEARCH; BEIJING GUOJIANBIAO ENGINEERING EQUIPMENT TECHNOLOGY CO., LTD
 (11) AU-A-2022430004
 (21) 2022430004 (22) 01.11.2022
 (54) Method and System for Active Detection of Door Sealing Performance and Leakage Point Location
 (51) Int. Cl.
G01M 3/00 (2006.01)
 (31) 202210181445.9 (32) 25.02.22 (33) CN
 (43) 14.09.2023
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 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) Clear Intradermal Technologies, Inc.
 (11) AU-A-2023216767
 (21) 2023216767 (22) 15.08.2023
 (54) SYSTEMS AND METHODS FOR TATTOO REMOVAL USING COLD PLASMA
 (51) Int. Cl.
A61Q 1/14 (2006.01)
A61B 18/14 (2006.01)
A61K 8/19 (2006.01)
A61K 8/22 (2006.01)
 (43) 14.09.2023
 (62) 2021205132
 (72) Winkelman, James W.; Schmiege, Martin E.
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) CLIMATE LLC
 (11) AU-A-2023219987
 (21) 2023219987 (22) 25.08.2023
 (54) Updating execution of tasks of an agricultural prescription
 (51) Int. Cl.
G06Q 10/06 (2023.01)
G06Q 50/02 (2012.01)
 (43) 14.09.2023
 (62) 2021204029
 (72) Rupp, Craig Eugene; Kull, A. Corbett S.; Mikelson, Christopher Sears; Dumstorff, Patrick Lee
 (74) Griffith Hack
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- (71) Cognian Technologies Ltd.
 (11) AU-A-2023219933
 (21) 2023219933 (22) 24.08.2023

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working over a network
(51) Int. Cl.
H04L 12/66 (2006.01)
(43) 14.09.2023
(62) 2021203207
(72) ZINGER, Slav
(74) Spruson & Ferguson

(71) Commonwealth Scientific and Industrial
Research Organisation
(11) AU-A-2022201368
(21) 2022201368 (22) 28.02.2022
(54) Static mixers for continuous flow cata-
lytic reactors
(51) Int. Cl.
B01J 23/755 (2006.01)
B01F 25/314 (2022.01)
B01F 25/4314 (2022.01)
B01J 8/06 (2006.01)
B05B 7/14 (2006.01)
B05B 13/02 (2006.01)
C23C 24/04 (2006.01)
C07C 29/17 (2006.01)
C07C 45/65 (2006.01)
C07C 51/36 (2006.01)
C07C 209/36 (2006.01)
B01F 101/00 (2022.01)

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John; HORNUNG, Christian; URBAN,
Andrew Joseph; FRASER, Darren;
GUNASEGARAM, Dayalan Romesh;
HORNE, Michael David; VEDER, Jean-
Pierre; RODOPOULOS, Theo
(74) FB Rice Pty Ltd

(71) Commonwealth Scientific and Industrial
Research Organisation
(11) AU-A-2023219907
(21) 2023219907 (22) 24.08.2023
(54) ACTIVITY CAPABILITY MONITORING
(51) Int. Cl.
G06Q 50/22 (2018.01)
A61B 5/11 (2006.01)
(43) 14.09.2023
(62) 2021203511
(72) Karunanithi, Mohanraj Krishnamoorthy;
Zhang, Qing
(74) Davies Collison Cave Pty Ltd

(71) Cook Medical Technologies LLC
(11) AU-A-2023222512
(21) 2023222512 (22) 28.08.2023
(54) ENDOSCOPIC RESECTION CAP
WITH BUILT-IN OSCILLATING DIS-
SECTOR
(51) Int. Cl.
A61B 1/00 (2006.01)
A61B 17/00 (2006.01)
(43) 14.09.2023
(62) 2020310129
(72) SIGMON Jr., John C.; GITTARD, Shaun
D.; CARRUTHERS, Christopher A.;
BREEN, Liam; SURTI, Vihar C.
(74) Madderns Pty Ltd

(71) Coomtech Limited
(11) AU-A-2023222829
(21) 2023222829 (22) 28.08.2023
(54) Apparatus for removing moisture from
particulate material
(51) Int. Cl.
F26B 17/10 (2006.01)
(43) 14.09.2023
(62) 2017355230
(72) FOSS-SMITH, Patrick; ANDERSON,
Peter
(74) Spruson & Ferguson

(71) CORDIS CORPORATION
(11) AU-A-2023222840
(21) 2023222840 (22) 29.08.2023
(54) Endoprosthesis with predetermined
curvature formed by tri-tethers
(51) Int. Cl.
A61F 2/07 (2013.01)
(43) 14.09.2023
(62) 2021209219
(72) MAJERCAK, David C.
(74) Griffith Hack

(71) Corning Research & Development Cor-
poration
(11) AU-A-2023222885
(21) 2023222885 (22) 30.08.2023
(54) MULTIPORTS AND OPTICAL CON-
NECTORS WITH ROTATIONALLY DIS-
CRETE LOCKING AND KEYING FEAT-
URES
(51) Int. Cl.
G02B 6/38 (2006.01)
G02B 6/44 (2006.01)
(43) 14.09.2023
(62) 2018290774
(72) Dannoux, Thierry Luc Alain; Rosson,
Joel Christopher; Scotta, Felice
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Curiouser Products Inc.
(11) AU-A-2023210525
(21) 2023210525 (22) 31.07.2023
(54) A REFLECTIVE VIDEO DISPLAY AP-
PARATUS FOR INTERACTIVE TRAIN-
ING AND DEMONSTRATION AND
METHODS OF USING SAME
(51) Int. Cl.
G06T 11/00 (2006.01)
A45D 42/08 (2006.01)
A45D 44/00 (2006.01)
A47F 11/06 (2006.01)
A47G 1/16 (2006.01)
A61B 5/01 (2006.01)
A61B 5/024 (2006.01)
A61B 5/11 (2006.01)
A63B 21/00 (2006.01)
G06V 40/20 (2022.01)
(43) 14.09.2023
(62) 2021212007
(72) Putnam, Brynn
(74) Pizzeyes Patent and Trade Mark Attor-
neys Pty Ltd

(71) Curis, Inc.
(11) AU-A-2023222890
(21) 2023222890 (22) 30.08.2023
(54) COMPOUNDS AND COMPOSITIONS
FOR TREATING HEMATOLOGICAL
DISORDERS
(51) Int. Cl.
C07D 401/14 (2006.01)
A61K 31/416 (2006.01)
A61K 31/428 (2006.01)
A61K 31/454 (2006.01)
A61P 35/00 (2006.01)
A61P 35/02 (2006.01)
C07D 405/14 (2006.01)
C07D 413/14 (2006.01)
C07D 471/04 (2006.01)
C07D 487/04 (2006.01)
C07D 498/04 (2006.01)
C07D 513/04 (2006.01)
(43) 14.09.2023
(62) 2018359248
(72) BOOHER, Robert
(74) Pearce IP Pty Ltd

(71) Deere & Company
(11) AU-A-2023200345
(21) 2023200345 (22) 23.01.2023
(54) Agricultural harvesting machine cutter
height control
(51) Int. Cl.
A01D 41/127 (2006.01)
A01D 41/14 (2006.01)
(31) 17/682,419 (32) 28.02.22 (33) US
(43) 14.09.2023
(72) Dugas, Bryan E.; Louviere, Mark S.;
Dighton, John A.
(74) Davies Collison Cave Pty Ltd

(71) Dexcom, Inc.
(11) AU-A-2023219959
(21) 2023219959 (22) 25.08.2023
(54) Diffusion resistance layer for analyte
sensors
(51) Int. Cl.
A61B 5/1473 (2006.01)
A61B 5/1486 (2006.01)
(43) 14.09.2023
(62) 2021211973
(72) ZOU, Jiong; BOOCK, Robert J.; DEN-
NIS, Andrew Trinin; LEE, Ted Tang;
SURI, Jeff T.; SZE, David; TAPSAK,
Mark A.; WANG, Shanger; ZHANG,
Huashi
(74) FB Rice Pty Ltd

(71) Dropbox, Inc.
(11) AU-A-2023219920
(21) 2023219920 (22) 24.08.2023
(54) Utilizing encryption key exchange
and rotation to share passwords via a
shared folder
(51) Int. Cl.
H04L 9/08 (2006.01)
G06F 21/62 (2013.01)
H04L 9/14 (2006.01)

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 (62) 2021409165
 (72) Xu, Jiayi; Heeringa, Brent; Hannon, Andrew; Prior, Katherine
 (74) FPA Patent Attorneys Pty Ltd

(71) Dyno Nobel Asia Pacific Pty Limited
 (11) AU-A-2023216816
 (21) 2023216816 (22) 16.08.2023
 (54) External homogenization systems and methods related thereto
 (51) Int. Cl.
C06B 47/00 (2006.01)
B01F 23/40 (2022.01)
F42D 1/10 (2006.01)
 (43) 14.09.2023
 (62) 2019233845
 (72) DE VRIES, Ben; GORE, Jeff; PARIS, Nathan; SAMAT, Savas; SMITH, Zoe
 (74) Spruson & Ferguson

(71) Elkem Silicones USA Corp.
 (11) AU-A-2023219996
 (21) 2023219996 (22) 28.08.2023
 (54) Secondary battery pack with improved thermal management
 (51) Int. Cl.
H01M 10/052 (2010.01)
 (43) 14.09.2023
 (62) 2018219251
 (72) O'NEIL, Virginia; HANLEY, Jessica; KHARA, Matthew; BROWN, Leeanne; WATSON, Michael John; TIMMONS, Matthew Paul
 (74) Spruson & Ferguson

(71) Fisher & Paykel Healthcare Limited
 (11) AU-A-2023219950
 (21) 2023219950 (22) 25.08.2023
 (54) Breath Sampling Interface
 (51) Int. Cl.
A61B 5/097 (2006.01)
 (43) 14.09.2023
 (62) 2017343922
 (72) Chilcott, Kate Jayne; Evans, Alicia Jeram Hunter; Evans, Edward John; Oldfield, Samantha Dale; Roa, Nathan James; White, Craig Karl
 (74) Catalyst Intellectual Property

(71) FMC Corporation
 (11) AU-A-2023219976
 (21) 2023219976 (22) 25.08.2023
 (54) Systems and methods for pest pressure heat maps
 (51) Int. Cl.
G06Q 10/06 (2023.01)
A01M 1/02 (2006.01)
G06Q 10/04 (2023.01)
G06Q 50/02 (2012.01)
 (43) 14.09.2023
 (62) 2021231977
 (72) SINGH, Sukhvinder; STERLING, Sara Catherine; BARRATT, Simon Bridge; D'HYVER DE LAS DESES, Paul; LIN,

Wandi; PUTTERMAN, Ross Joseph;
 STUART-HOFF, Ian Anthony
 (74) WRAYS PTY LTD

Fujikura Ltd. see AFL Telecommunications LLC
 (21) 2023219941

(71) GIANT MANUFACTURING CO. LTD.
 (11) AU-A-2023201124
 (21) 2023201124 (22) 24.02.2023
 (54) BICYCLE TRAINER WITH HEIGHT ADJUSTING MEMBER
 (51) Int. Cl.
A63B 69/16 (2006.01)
A63B 21/005 (2006.01)
A63B 22/06 (2006.01)
 (31) 63/313,745 (32) 25.02.22 (33) US
 (43) 14.09.2023
 (72) HSU, Hsiao-Wen; HUANG, Jen-Chieh; CHEN, Chao-Wen; HUANG, Chin-Lai; LO, Wen-Hai
 (74) AJ PARK

(71) Glaxo Group Limited
 (11) AU-A-2023219901
 (21) 2023219901 (22) 24.08.2023
 (54) COMBINATIONS OF A MUSCARINIC RECEPTOR ANTAGONIST AND A BETA-2 ADRENORECEPTOR AGONIST
 (51) Int. Cl.
A61K 31/138 (2006.01)
A61K 31/439 (2006.01)
A61K 45/06 (2006.01)
A61P 11/06 (2006.01)
A61P 11/08 (2006.01)
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 (62) 2021204302
 (72) Baker, Darrell; Bruce, Mark; Crater, Glenn; Noga, Brian; Thomas, Marian; Wire, Patrick
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Golovanevskiy, V.A.; Shopen, A.B.
 (11) AU-A-2022201348
 (21) 2022201348 (22) 26.02.2022
 (54) Release film support element
 (51) Int. Cl.
B29C 53/80 (2006.01)
B29C 53/60 (2006.01)
 (43) 14.09.2023
 (72) Golovanevskiy, Vladimir Arkadievich; Shopen, Aleksandr Borisovich
 (74) Vladimir Arkadievich Golovanevskiy

(71) Guangdong Wuyuan New Material Technology Group Co., Ltd.
 (11) AU-A-2023222857
 (21) 2023222857 (22) 29.08.2023
 (54) ANIMAL LEATHER FIBER BUNDLE HAVING NANOSCALE BRANCHES, YARN, CORE-SPUN YARN AND PRODUCT
 (51) Int. Cl.
D02G 3/04 (2006.01)

D02G 3/10 (2006.01)
D02G 3/36 (2006.01)
 (43) 14.09.2023
 (62) 2020282482
 (72) ZHANG, Liwen
 (74) SOUTHERN CROSS INTELLECTUAL PROPERTY PTY LTD

(71) GUANGZHOU HENOVCOM BIOSCIENCE CO., LTD.
 (11) AU-A-2022430003
 (21) 2022430003 (22) 22.09.2022
 (54) COMPOUNDS FOR RNA CAPPING AND USES THEREOF
 (51) Int. Cl.
C07H 19/20 (2006.01)
C07H 1/00 (2006.01)
C12N 15/10 (2006.01)
C12P 19/34 (2006.01)
 (31) 202210188028.7 (32) 28.02.22 (33) CN
 202210388175.9 14.04.22 CN
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 (43) 14.09.2023
 (72) ZHANG, Jiancun; ZHANG, Lijun; ZHOU, Yiqian; CHEN, Jiafeng; ZHANG, Jufu; LI, Suyong; LIU, Yanhui; GUO, Chen; TANG, Wanjun; WU, Feng; HE, Xiaoxi; GUO, Qi; CHEN, Huixuan; WANG, Kun; LI, Deyao
 (74) Madderns Pty Ltd

(71) Haulotte Group
 (11) AU-A-2023216734
 (21) 2023216734 (22) 14.08.2023
 (54) VISUAL ASSISTANCE TO THE ON-GROUND MOVEMENT OF A LIFTING PLATFORM
 (51) Int. Cl.
B66F 11/04 (2006.01)
B60Q 1/50 (2006.01)
B66F 9/12 (2006.01)
 (43) 14.09.2023
 (62) 2017329182
 (72) Luminet, Philippe; Dittus, Sebastian; Viaouët, Clément
 (74) Origin Patent and Trade Mark Attorneys

(71) Hero Health, Inc.
 (11) AU-A-2023219979
 (21) 2023219979 (22) 25.08.2023
 (54) NETWORKED MANAGEMENT OF DISPENSABLES
 (51) Int. Cl.
G16H 20/13 (2018.01)
A61J 7/04 (2006.01)
 (43) 14.09.2023
 (62) 2021215182
 (72) AKDOGAN, Kutadgu; VEPURI, Kalyan C.; VON HEIFNER, Christian
 (74) AJ PARK

(71) HID Global Corp.
 (11) AU-A-2023219930
 (21) 2023219930 (22) 24.08.2023
 (54) Physical access control systems and methods

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H04W 12/06 (2021.01)
G07C 9/00 (2020.01)
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(62) 2020280017
(72) PREVOST, Sylvain Jacques; SACH-DEVA, Kapil; CARNEY, Stephen; PAK, Wayne; CHEN, Jianbo
(74) Davies Collison Cave Pty Ltd
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- (71) HSR Southern Cross Pty Ltd
(11) AU-A-2023201122
(21) 2023201122 (22) 24.02.2023
(54) LOADER ARM MEMBER AND SKIP LOADER ASSEMBLY
- (51) Int. Cl.
B60P 1/48 (2006.01)
B60P 1/16 (2006.01)
- (31) 2022900459 (32) 25.02.22 (33) AU
(43) 14.09.2023
(72) MANSFIELD, Robert
(74) Halfords IP
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- (71) Huawei Technologies Co., Ltd.
(11) AU-A-2023219934
(21) 2023219934 (22) 24.08.2023
(54) Method for determining audio coding/decoding mode and related product
- (51) Int. Cl.
G10L 19/008 (2013.01)
- (43) 14.09.2023
(62) 2018315437
(72) WANG, Bin; LI, Haiting; MIAO, Lei
(74) Spruson & Ferguson
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- (71) Huawei Technologies Co., Ltd.
(11) AU-A-2023219935
(21) 2023219935 (22) 24.08.2023
(54) SIGNALING A SIGN VALUE AND AN ABSOLUTE VALUE FOR A DELTA PICTURE ORDER COUNT
- (51) Int. Cl.
H04N 19/136 (2014.01)
- (43) 14.09.2023
(62) 2019339411
(72) Hendry, Fnu; Wang, Ye-Kui
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71) Hunter Douglas, Inc.
(11) AU-A-2023222821
(21) 2023222821 (22) 28.08.2023
(54) Room darkening material and architectural covering made from same
- (51) Int. Cl.
B32B 15/20 (2006.01)
B32B 19/00 (2006.01)
B32B 27/30 (2006.01)
E06B 9/40 (2006.01)
E06B 9/42 (2006.01)
- (43) 14.09.2023
(62) 2018200837
(72) SWISZCZ, Paul G.; DANN, Kevin; SIEBENALLER, Mike
(74) Spruson & Ferguson
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- (71) IHI Terrasun Solutions Inc.
(11) AU-A-2023219861
(21) 2023219861 (22) 23.08.2023
(54) SYSTEM AND METHOD FOR OPTIMAL CONTROL OF ENERGY STORAGE SYSTEM
- (51) Int. Cl.
H02J 15/00 (2006.01)
G05B 13/04 (2006.01)
G06Q 10/06 (2023.01)
- (43) 14.09.2023
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(72) DOHERTY, Tristan; CRANE, Sergey; KOGUMA, Yuji; FERRARA, Marco
(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
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(21) 2023219911 (22) 24.08.2023
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G16B 20/00 (2019.01)
G16B 30/00 (2019.01)
- (43) 14.09.2023
(62) 2018254595
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(11) AU-A-2023222833
(21) 2023222833 (22) 28.08.2023
(54) TENDON FIXATION PLATE
- (51) Int. Cl.
A61F 2/08 (2006.01)
A61B 17/064 (2006.01)
- (43) 14.09.2023
(62) 2021272674
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(74) PHILLIPS ORMONDE FITZPATRICK
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(21) 2023219848
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- (71) Intellitech Pty Ltd.
(11) AU-A-2023222855
(21) 2023222855 (22) 29.08.2023
(54) Electric Motor
- (51) Int. Cl.
H02K 21/14 (2006.01)
H02K 7/08 (2006.01)
H02K 7/116 (2006.01)
H02P 1/18 (2006.01)
- (43) 14.09.2023
(62) 2018398745
(72) SHLAKHETSKI, Victor; MOSTOVOY, Alexander
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(21) 2023219972 (22) 25.08.2023
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A61K 31/42 (2006.01)
A61K 31/422 (2006.01)
A61P 33/14 (2006.01)
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(62) 2021203686
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(21) 2022203690 (22) 31.05.2022
(54) Churn prevention using graphs
- (51) Int. Cl.
G06Q 10/04 (2012.01)
G06F 15/00 (2006.01)
G06Q 30/02 (2012.01)
- (31) 17/683,112 (32) 28.02.22 (33) US
(43) 14.09.2023
(72) Ramakrishnan, Rohith; Jain, Rohit
(74) Davies Collison Cave Pty Ltd
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(11) AU-A-2022203752
(21) 2022203752 (22) 31.05.2022
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G06N 3/044 (2023.01)
G06N 3/02 (2006.01)
G06Q 10/04 (2023.01)
G06Q 30/0202 (2023.01)
- (31) 17/683,108 (32) 28.02.22 (33) US
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(72) Jain, Rohit; Ramakrishnan, Rohith
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- Iowa State University Research Foundation, Inc. see Kittrich Corporation**
(21) 2023222870
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(11) AU-A-2023222868
(21) 2023222868 (22) 29.08.2023
(54) Dispensing System
- (51) Int. Cl.
A61M 35/00 (2006.01)
A47K 5/12 (2006.01)
G07F 13/08 (2006.01)
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(62) 2021245140
(72) MCGHEE, Kristofor
(74) Wallington-Dummer
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(21) 2023222879 (22) 30.08.2023
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C07K 16/00 (2006.01)
A61K 39/395 (2006.01)
A61K 51/10 (2006.01)
A61P 35/00 (2006.01)

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Solar Co., Ltd.**
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(21) 2023219973 **(22)** 25.08.2023
(54) Antimicrobial compositions containing
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(51) Int. Cl.
A01N 33/12 (2006.01)
A01N 25/02 (2006.01)
A01N 31/02 (2006.01)
A01N 37/36 (2006.01)
A01N 37/44 (2006.01)
A01N 43/08 (2006.01)
A01N 43/16 (2006.01)
A01N 43/50 (2006.01)
A01N 59/14 (2006.01)
A01P 1/00 (2006.01)
A61K 9/08 (2006.01)
A61K 31/047 (2006.01)
A61K 31/14 (2006.01)
A61K 31/19 (2006.01)
A61K 31/4164 (2006.01)
A61K 33/22 (2006.01)
A61P 27/02 (2006.01)
(43) 14.09.2023
(62) 2021212055
(72) BAI, Mingqi; HOLEVA, Kenneth T.
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(11) AU-A-2023219967
(21) 2023219967 **(22)** 25.08.2023
(54) Chain conveyor and coupler link for
same
(51) Int. Cl.
B65G 17/40 (2006.01)
B27B 33/14 (2006.01)
B65G 17/06 (2006.01)
F16G 5/18 (2006.01)
F16G 13/00 (2006.01)
F16G 13/02 (2006.01)
F16G 13/04 (2006.01)
F16G 13/06 (2006.01)
F16G 13/08 (2006.01)
F16G 13/10 (2006.01)
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(11) AU-A-2023222830
(21) 2023222830 **(22)** 28.08.2023

(54) MULTI-LOCK AND METHOD OF USE
(51) Int. Cl.
E05C 9/02 (2006.01)
E05B 41/00 (2006.01)
E05B 63/00 (2006.01)
E05B 63/14 (2006.01)
E05B 65/10 (2006.01)
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(74) Oxygene IP

(71) Kittrich Corporation; Iowa State Uni-
versity Research Foundation, Inc.
(11) AU-A-2023222870
(21) 2023222870 **(22)** 30.08.2023
(54) Monoterpenoid/phenylpropanoid-con-
taining compounds and methods of
their making and use as herbicides
(51) Int. Cl.
A01N 31/02 (2006.01)
A01N 25/12 (2006.01)
C07C 59/13 (2006.01)
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Steven M.; LINDSAY, A. David
(74) Spruson & Ferguson

(71) KOKI HOLDINGS CO., LTD.
(11) AU-A-2023222817
(21) 2023222817 **(22)** 28.08.2023
(54) BATTERY PACK, ELECTRICAL
DEVICE USING BATTERY PACK, AND
ELECTRICAL DEVICE SYSTEM
(51) Int. Cl.
H01M 2/10 (2006.01)
H01M 10/44 (2006.01)
H02J 7/00 (2006.01)
(43) 14.09.2023
(62) 2021201343
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KAWANOBE, Osamu; YAMAGUCHI,
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OGURA, Masayuki; FUNABIKI, Yusuke;
TOUKAIRIN, Junichi; TAKEUCHI,
Shota
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(71) Kyowa Kirin Co., Ltd.
(11) AU-A-2023222816
(21) 2023222816 **(22)** 28.08.2023
(54) a, β unsaturated amide compound
(51) Int. Cl.
C07D 213/74 (2006.01)
A61K 31/353 (2006.01)
A61K 31/4433 (2006.01)
A61K 31/47 (2006.01)
A61K 31/4709 (2006.01)
A61K 31/5377 (2006.01)
A61P 35/00 (2006.01)

C07D 215/38 (2006.01)
C07D 311/74 (2006.01)
C07D 401/04 (2006.01)
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(71) LG Electronics Inc.
(11) AU-A-2023201033
(21) 2023201033 **(22)** 22.02.2023
(54) REFRIGERATOR
(51) Int. Cl.
F25D 17/04 (2006.01)
F25D 11/02 (2006.01)
F25D 17/06 (2006.01)
F25D 17/08 (2006.01)
F25D 29/00 (2006.01)
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Dong Hwi
(74) Dentons Patent Attorneys Australasia
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(71) Lockheed Martin Energy, LLC
(11) AU-A-2023200563
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(54) Redox flow battery with floating power
module under imbalanced charge con-
ditions
(51) Int. Cl.
H02J 7/06 (2006.01)
H01M 10/63 (2014.01)
(31) 17/680,594 **(32)** 25.02.22 **(33)** US
(43) 14.09.2023
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Coffey; BEVERAGE, Kevin Hartley
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(11) AU-A-2023219924
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(54) Self-powered, self-propelled compute
grid with loop topology
(51) Int. Cl.
F03B 13/14 (2006.01)
B63B 3/04 (2006.01)
B63B 35/44 (2006.01)
F03B 13/16 (2006.01)
F03B 13/20 (2006.01)
F03B 15/14 (2006.01)

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Daniel William
(74) Zone Patents Limited

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C01F 17/30 (2020.01)
B01J 23/10 (2006.01)
C01F 17/235 (2020.01)

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(74) Griffith Hack

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(11) AU-A-2023219925

(21) 2023219925 (22) 24.08.2023
(54) Semi-continuous culture methods

(51) Int. Cl.
C12Q 3/00 (2006.01)
C11B 1/00 (2006.01)
C12M 1/36 (2006.01)
C12N 1/00 (2006.01)
C12N 1/10 (2006.01)
C12N 1/14 (2006.01)
C12P 1/00 (2006.01)
C12P 7/64 (2022.01)

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(21) 2023219872

(71) Massachusetts Institute of Technology; The Broad Institute, Inc.

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(21) 2023219828 (22) 22.08.2023
(54) Delivery, use and therapeutic applications of the CRISPR-Cas systems and compositions for genome editing

(51) Int. Cl.
A61K 48/00 (2006.01)
C12N 15/10 (2006.01)

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(72) Cong, Le; Cox, David Benjamin Turitz; Heidenreich, Matthias; Platt, Randall Jeffrey; Swiech, Lukasz; Zhang, Feng
(74) FPA Patent Attorneys Pty Ltd

(71) Match Group, LLC

(11) AU-A-2023222852
(21) 2023222852 (22) 29.08.2023
(54) SYSTEM AND METHOD FOR MATCHING USING LOCATION INFORMATION

(51) Int. Cl.
H04W 64/00 (2009.01)
G08B 1/08 (2006.01)
H04W 4/02 (2018.01)
H04W 4/021 (2018.01)
H04W 4/029 (2018.01)

H04W 4/21 (2018.01)

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(74) RnB IP Pty Ltd

(71) Meduloc, LLC

(11) AU-A-2023219904
(21) 2023219904 (22) 24.08.2023
(54) Implant and method for long bone fixation

(51) Int. Cl.
A61B 17/58 (2006.01)
A61B 17/68 (2006.01)
A61B 17/72 (2006.01)

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(74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

(71) Memorial Sloan-Kettering Cancer Center

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(21) 2023219864 (22) 23.08.2023
(54) Methods for treating brain metastasis

(51) Int. Cl.
A61K 31/4188 (2006.01)
A01K 67/00 (2006.01)
A61K 31/337 (2006.01)

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(72) MASSAGUE, Joan; BOIRE, Adrienne; CHEN, Qing
(74) Spruson & Ferguson

(71) Minas, L.

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(21) 2023201168 (22) 27.02.2023
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(51) Int. Cl.
A47J 37/12 (2006.01)
B01D 29/11 (2006.01)
B01D 35/30 (2006.01)
B65F 5/00 (2006.01)
(31) 2022900466 (32) 27.02.22 (33) AU
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(72) Minas, Lazaros
(74) Chrysiliiou IP

(71) Monash University; PureTech LYT, Inc.

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(21) 2023219948 (22) 25.08.2023
(54) Lymphatic system-directing lipid prodrgs

(51) Int. Cl.
C07D 473/34 (2006.01)
A61K 31/015 (2006.01)
A61K 31/495 (2006.01)
A61K 31/4985 (2006.01)
C07C 13/12 (2006.01)

C07D 473/32 (2006.01)

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(74) Davies Collison Cave Pty Ltd

(71) Motion Metrics International Corp.

(11) AU-A-2023219909
(21) 2023219909 (22) 24.08.2023
(54) Method, apparatus and system for monitoring a condition associated with operating heavy equipment such as a mining shovel or excavator

(51) Int. Cl.
E02F 9/26 (2006.01)
G06N 3/02 (2006.01)
G06N 3/08 (2023.01)
G06T 7/00 (2017.01)

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(74) Minter Ellison

(71) mx51 Pty Ltd

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(54) Electronic payment processing
(51) Int. Cl.
G06Q 20/20 (2012.01)
G06Q 20/02 (2012.01)

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(74) FPA Patent Attorneys Pty Ltd

(71) Nantkwest, Inc.

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(54) Anti-B7-H4 chimeric antigen receptor-modified NK-92 cells

(51) Int. Cl.
C12N 5/0783 (2010.01)
A61K 35/17 (2015.01)
A61P 35/00 (2006.01)
C07K 14/54 (2006.01)
C07K 14/55 (2006.01)
C07K 16/28 (2006.01)

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(74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

(71) NAVICO HOLDING AS

(11) AU-A-2023201175
(21) 2023201175 (22) 28.02.2023
(54) VARIABLE RANGE ESTIMATION FOR A MARINE VESSEL

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G01C 21/20 (2006.01)
B63B 49/00 (2006.01)
B63B 51/00 (2006.01)
G05D 1/02 (2020.01)
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(72) DAVIS, Alan P.
(74) AJ PARK

(71) Nevro Corporation
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(54) MOLDED HEADERS FOR IMPLANTABLE SIGNAL GENERATORS, AND ASSOCIATED SYSTEMS AND METHODS
(51) Int. Cl.
A61N 1/378 (2006.01)
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(74) RnB IP Pty Ltd

(71) Nextracker Inc.
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(54) SYSTEMS AND METHODS FOR PHOTOVOLTAIC DIRECT CURRENT (DC) BUS CONTROL
(51) Int. Cl.
H02S 40/36 (2014.01)
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(72) LIU, Yang; AU, Alexander W.; GU, Fei
(74) Michael Buck IP

(71) Niantic, Inc.
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(21) 2023219969 **(22)** 25.08.2023
(54) Augmented reality mobile edge computing
(51) Int. Cl.
G06T 19/00 (2011.01)
A63F 13/358 (2014.01)
H04L 67/10 (2022.01)
H04L 67/52 (2022.01)
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(74) FB Rice Pty Ltd

(71) Nicira, Inc.
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(54) Logical router with multiple routing components
(51) Int. Cl.
H04L 41/40 (2022.01)
H04L 45/28 (2022.01)
H04L 45/586 (2022.01)

H04L 45/64 (2022.01)
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(72) ZHANG, Ronghua;
 CHANDRASHEKHAR, Ganesan;
 RAVINOOTHALA, Sreeram; FAN, Kai-Wei
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(71) Nicoventures Trading Limited
(11) AU-A-2023219888
(21) 2023219888 **(22)** 23.08.2023
(54) An article for use in a non-combustible aerosol provision system
(51) Int. Cl.
A24F 40/20 (2020.01)
A24D 1/20 (2020.01)
A24D 3/02 (2006.01)
A24D 3/17 (2020.01)
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(74) Spruson & Ferguson

(71) Nicoventures Trading Limited
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A24F 47/00 (2020.01)
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(71) Nokia Technologies Oy
(11) AU-A-2023222822
(21) 2023222822 **(22)** 28.08.2023
(54) Method and apparatus for manually selecting a network
(51) Int. Cl.
H04W 48/00 (2009.01)
H04W 48/16 (2009.01)
H04W 84/04 (2009.01)
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(62) 2020373330
(72) WON, Sung Hwan; WOLFNER, Gyorgy Tamas
(74) Spruson & Ferguson

(71) Nozomi Networks Sagl
(11) AU-A-2023200991
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(54) Method and apparatus for detecting anomalies of an infrastructure in a network
(51) Int. Cl.
H04L 43/065 (2022.01)
G05B 19/418 (2006.01)
G06F 11/07 (2006.01)
G06F 21/50 (2013.01)
G06N 5/00 (2023.01)

H04L 43/18 (2022.01)
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(43) 14.09.2023
(72) Cavallaro Corti, Alessandro; Modugno, Manlio; Carullo, Moreno; Carcano, Andrea
(74) FPA Patent Attorneys Pty Ltd

(71) Obsidian Therapeutics, Inc.
(11) AU-A-2023219954
(21) 2023219954 **(22)** 25.08.2023
(54) CD40L COMPOSITIONS AND METHODS FOR TUNABLE REGULATION
(51) Int. Cl.
C07K 14/705 (2006.01)
C07K 14/47 (2006.01)
C07K 14/72 (2006.01)
C12N 9/06 (2006.01)
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(74) Davies Collison Cave Pty Ltd

(71) Pfizer Inc.
(11) AU-A-2023219928
(21) 2023219928 **(22)** 24.08.2023
(54) Chimeric antigen receptors targeting B-cell maturation antigen
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 35/17 (2015.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C07K 19/00 (2006.01)
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A47C 23/00 (2006.01)
A47C 27/00 (2006.01)
A47C 27/14 (2006.01)
A47C 31/12 (2006.01)
A61G 7/05 (2006.01)

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 (72) PIRAINO, Mario
 (74) Baxter Patent Attorneys Pty Ltd

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H01B 7/17 (2006.01)
H01B 11/22 (2006.01)

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A01K 87/00 (2006.01)
A63B 53/04 (2015.01)

A63B 53/14 (2015.01)
A63B 60/00 (2015.01)
A63B 60/08 (2015.01)
B32B 5/16 (2006.01)
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(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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G06Q 30/06 (2023.01)
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(54) Nutritional composition and infant formula for promoting de novo myelination
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A23L 33/12 (2016.01)

A23L 33/00 (2016.01)
A23L 33/105 (2016.01)
A23L 33/15 (2016.01)
A23L 33/16 (2016.01)
A61K 31/30 (2006.01)
A61K 31/315 (2006.01)
A61K 31/40 (2006.01)
A61P 25/00 (2006.01)
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A23L 33/12 (2016.01)
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A23L 33/15 (2016.01)
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A61K 31/30 (2006.01)
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(21) 2023222866 **(22)** 29.08.2023
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C12N 9/18 (2006.01)
C12N 15/86 (2006.01)
C12Q 1/48 (2006.01)
C12Q 1/533 (2006.01)

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B01J 19/24 (2006.01)
B01J 8/00 (2006.01)
B01J 19/00 (2006.01)
B01L 3/00 (2006.01)
G01N 1/28 (2006.01)
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H02S 30/20 (2014.01)
B60J 11/06 (2006.01)
H02S 20/30 (2014.01)
B60J 11/04 (2006.01)
B60L 8/00 (2006.01)
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(74) Proctor Phair Lawyers Pty Limited

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H02J 13/00 (2006.01)
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A61M 31/00 (2006.01)
A61K 9/00 (2006.01)

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B66C 23/36 (2006.01)
B60G 9/00 (2006.01)
B60P 1/54 (2006.01)
B66C 23/72 (2006.01)
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 cardiac arrest

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C07K 16/00 (2006.01)
C12N 1/19 (2006.01)
C12N 1/21 (2006.01)
C12N 5/10 (2006.01)
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C12Q 1/02 (2006.01)
C40B 40/08 (2006.01)

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C12Q 1/68 (2018.01)

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 (54) SENSOR DEVICE AND METHODS
 (51) Int. Cl.
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C07K 14/705 (2006.01)

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B65D 33/00 (2006.01)
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 (51) Int. Cl.
C07K 16/10 (2006.01)
A61K 39/12 (2006.01)
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A63B 21/072 (2006.01)
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C12N 15/869 (2006.01)
A61K 35/76 (2015.01)
A61K 39/245 (2006.01)
A61P 7/00 (2006.01)
A61P 9/00 (2006.01)
A61P 11/00 (2006.01)
A61P 21/00 (2006.01)
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(71) Wayne State University
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C12N 15/67 (2006.01)
A61K 48/00 (2006.01)
C12N 15/113 (2010.01)
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(51) Int. Cl.
C07K 14/55 (2006.01)
A61K 38/00 (2006.01)
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G06F 17/00 (2019.01)
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(54) Improvements in Signs
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G09F 11/00 (2006.01)
E01F 9/608 (2016.01)
E01F 9/65 (2016.01)
G09F 7/22 (2006.01)

G09F 9/37 (2006.01)
(31) 2022900467 **(32)** 28.02.22 **(33)** AU
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(71) Yale University
(11) AU-A-2023219970
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C07C 323/12 (2006.01)
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G01S 17/93 (2020.01)
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(54) Method and Process for Creating a Composite Material
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C03C 1/00 (2006.01)
C03B 19/09 (2006.01)
C03C 1/04 (2006.01)
C03C 3/00 (2006.01)
C03C 3/06 (2006.01)
C03C 3/076 (2006.01)
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C03C 8/02 (2006.01)
C03C 8/12 (2006.01)
C03C 8/14 (2006.01)
C03C 8/20 (2006.01)
C04B 41/46 (2006.01)
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(72) DEAN, Richard Nicholas Andrew; PULLAR, Clennell Charles
(74) James & Wells Intellectual Property

(71) Zhejiang Jinko Solar Co., Ltd.; Jinko Solar Co., Ltd.
(11) AU-A-2023219984
(21) 2023219984 **(22)** 25.08.2023

(54) PARTIAL TUNNELING OXIDE LAYER PASSIVATION CONTACT STRUCTURE OF PHOTOVOLTAIC CELL AND PHOTOVOLTAIC MODULE
(51) Int. Cl.
H01L 31/0216 (2014.01)
(43) 14.09.2023
(62) 2019475453
(72) Yang, Jie; Sun, Haijie; Wang, Zhao; Xu, Menglei; Zheng, Peiting; Zhang, Xinyu; Jin, Hao
(74) Madderns Pty Ltd

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2022201348	Golovanevskiy, V.A.; Shopen, A.B.	2023219906	The Chinese University of Hong Kong
2022201368	Commonwealth Scientific and Industrial Research Organisation	2023219907	Commonwealth Scientific and Industrial Research Organisation
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2022275406	Raptor Sports Pty Ltd	2023219914	Nicira, Inc.
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PCT applications which have entered the National Phase

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- . (*) Title not in Roman characters
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<p>(71) 1232176 B.C. LTD (11) AU-A-2022245300 (21) 2022245300 (22) 23.03.2022 (54) DEVICE FOR TREATING ANAPHYL- AXIS (51) Int. Cl. A61K 9/00 (2006.01) A61M 15/00 (2006.01) (87) WO2022/204328 (31) 63/165,102 (32) 23.03.21 (33) US (43) 29.09.2022 (72) LUCIUK, George Harry; MARTIN, An- drew Robert; RUZYCKI, Conor Aidan; FINLAY, Warren Hugh (74) Pizzeyes Patent and Trade Mark Attor- neys Pty Ltd</p>	<p>(31) 2101083.0 (32) 27.01.21 (33) GB (43) 04.08.2022 (72) TAYLOR, Robert; MEGAWARNE, Justin (74) Dentons Patent Attorneys Australasia Limited</p>	<p>METHOD THEREFOR AND USE THEREOF (51) Int. Cl. C07D 401/14 (2006.01) A61K 31/4439 (2006.01) A61P 3/00 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01) C07D 413/14 (2006.01) C07D 417/14 (2006.01) (87) WO2022/247786 (31) 202110565750.3 (32) 24.05.21 (33) CN (43) 01.12.2022 (72) ZHANG, Lei; ZHAO, Baowei; YU, Hongping (74) FPA Patent Attorneys Pty Ltd</p>
<p>(71) 410 MEDICAL, INC. (11) AU-A-2022232358 (21) 2022232358 (22) 08.03.2022 (54) SYSTEMS, APPARATUS, AND METH- ODS FOR FLUID INFUSION (51) Int. Cl. A61M 5/142 (2006.01) A61M 5/14 (2006.01) A61M 5/44 (2006.01) (87) WO2022/192285 (31) 63/158,309 (32) 08.03.21 (33) US 63/291,090 17.12.21 US (43) 15.09.2022 (72) LANE, Andrew W.; ROBERTSON, Galen C.; CARLSEN, Savannah K.; TITKEMEYER, Robert W.; OLTMANS, Luke D. (74) RnB IP Pty Ltd</p>	<p>(71) AAK AB (11) AU-A-2022216486 (21) 2022216486 (22) 28.01.2022 (54) MEAT-ANALOGUE COMPOSITION COMPRISING SATURATED FATTY ACIDS OF STEARIC AND LAURIC ACID RESIDUES (51) Int. Cl. A23J 3/22 (2006.01) A23D 7/005 (2006.01) A23L 33/115 (2016.01) (87) WO2022/164377 (31) 2130028-0 (32) 29.01.21 (33) SE (43) 04.08.2022 (72) DEMEURISSE, Jeroen (74) FOUNDRY INTELLECTUAL PROP- ERTY PTY LTD</p>	<p>(71) ACUITIVE TECHNOLOGIES, INC. (11) AU-A-2022230950 (21) 2022230950 (22) 24.02.2022 (54) GRAFT TENSIONING SYSTEM WITH MODULAR ENGAGEMENT ELEMENT (51) Int. Cl. A61F 2/08 (2006.01) A61B 17/00 (2006.01) A61B 17/88 (2006.01) A61F 2/00 (2006.01) (87) WO2022/187076 (31) 63/157,407 (32) 05.03.21 (33) US (43) 09.09.2022 (72) GABEL, Douglas, William; McCARTHY, Michael, P.; FERREIRA, Rui, J. (74) Spruson & Ferguson</p>
<p>(71) 4GD LIMITED (11) AU-A-2022213525 (21) 2022213525 (22) 27.01.2022 (54) SYSTEM FOR BEHAVIOUR MONIT- ORING (51) Int. Cl. G09B 9/00 (2006.01) (87) WO2022/162372 (31) 2101084.8 (32) 27.01.21 (33) GB (43) 04.08.2022 (72) TAYLOR, Robert (74) Dentons Patent Attorneys Australasia Limited</p>	<p>(71) AARDVARK THERAPEUTICS INC. (11) AU-A-2022214435 (21) 2022214435 (22) 31.01.2022 (54) DENATONIUM SALT FOR USE IN PREVENTING, PREVENTING PRO- GRESSION AND TREATING FATTY LIVER DISEASES (51) Int. Cl. A61K 31/167 (2006.01) A61P 1/16 (2006.01) (87) WO2022/165328 (31) 63/144,386 (32) 01.02.21 (33) US (43) 04.08.2022 (72) ZHENG, Zhenhuan; NIETHAMMER, Andreas; TIMMER, Anjuli; LEE, Tien-Li (74) FB Rice Pty Ltd</p>	<p>(71) AFFILOGIC (11) AU-A-2022220832 (21) 2022220832 (22) 14.02.2022 (54) COMPOUNDS AND METHODS FOR EXTENDING HALF LIFE OF BIO- MOLECULES (51) Int. Cl. C07K 14/195 (2006.01) C07K 14/765 (2006.01) C07K 19/00 (2006.01) A61K 38/00 (2006.01) (87) WO2022/171852 (31) 21305193.1 (32) 15.02.21 (33) EP (43) 18.08.2022 (72) CINIEN, Mathieu; KITTEN, Olivier (74) Davies Collison Cave Pty Ltd</p>
<p>(71) 4GD LIMITED (11) AU-A-2022214413 (21) 2022214413 (22) 27.01.2022 (54) SYSTEM FOR BEHAVIOUR MONIT- ORING (51) Int. Cl. G09B 9/00 (2006.01) G09B 19/00 (2006.01) (87) WO2022/162368</p>	<p>(71) ABBISKO THERAPEUTICS CO., LTD. (11) AU-A-2022280839 (21) 2022280839 (22) 23.05.2022 (54) ACID SALT OF CRYSTALLINE CSF-1R INHIBITOR, AND PREPARATION</p>	<p>(71) AGENCY FOR SCIENCE, TECHNO- LOGY AND RESEARCH (A*STAR) (11) AU-A-2022226478 (21) 2022226478 (22) 24.02.2022 (54) UNBIASED AND SIMULTANEOUS AMPLIFICATION METHOD FOR PRE- PARING A DOUBLE-STRANDED DNA LIBRARY FROM A SAMPLE OF MORE THAN ONE TYPE OF NUCLEIC ACID (51) Int. Cl.</p>

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 METHODS OF DIAGNOSING AND
 TREATING CANCER
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(72) WEST, Michael, D.
(74) Pizeys Patent and Trade Mark Attor-
 neys Pty Ltd
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(54) A PAINT APPLICATOR, AND A METH-
 OD FOR APPLYING PAINT TO AN AR-
 CUATE OR RIDGE SHAPED SUR-
 FACE
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A46B 17/04 (2006.01)
A46B 9/02 (2006.01)
A46B 11/00 (2006.01)
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(31) S2021/0017 **(32)** 01.02.21 **(33)** IE
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(72) O'KEEFFE, William Martin; MIESLE,
 Philip Edwin; O'KEEFFE, David Gerard
(74) Griffith Hack
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- (71)** AICHI CO., LTD.
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A47C 7/42 (2006.01)
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 CONNELL, Alison
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 PHARMACEUTICALS, INC.
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C07K 16/28 (2006.01)
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- (71)** AKESO BIOPHARMA, INC.
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 BISPECIFIC ANTIBODY, AND USE
 THEREOF
(51) Int. Cl.
C07K 16/46 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
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 ERATION AND VEHICLE PROPUL-
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B64D 41/00 (2006.01)
B64C 27/68 (2006.01)
B64C 39/02 (2023.01)
B64D 27/02 (2006.01)
C01B 3/00 (2006.01)
C01B 3/02 (2006.01)
C01B 3/06 (2006.01)
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(74) Spruson & Ferguson
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(54) MANNED VERTICAL TAKE-OFF AND
 LANDING AERIAL VEHICLE NAVIGA-
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G01C 21/12 (2006.01)
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G01S 13/89 (2006.01)
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 Florian
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 PRISING POLYCYSTRONIC EXPRES-
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 OF USE THEREOF
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C07K 14/54 (2006.01)
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(72) DENIGER, Drew Caldwell; HURTON,
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(74) AJ PARK
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A61B 3/103 (2006.01)
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G02B 26/00 (2006.01)
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 G06T 7/00 (2017.01)
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 (72) DONG, Jijun; GUREL, Pinar; HEIBER, Joshua; HU, Yuan
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 C12N 15/113 (2010.01)
 A61K 31/713 (2006.01)
 A61P 3/06 (2006.01)
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 (72) BONDURANT, Lucas, D.; SCHLEGEL, Mark, K.; ZUBER, Jeffrey; WOODS, Lauren, Blair; CHICKERING, Tyler
 (74) Griffith Hack

(71) AMBER THERAPEUTICS LTD
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 (54) SYSTEMS FOR INCONTINENCE CONTROL
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 A61N 1/36 (2006.01)
 A61B 5/20 (2006.01)
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 (72) DENISON, Timothy; DE WACHTER, Stefan; KNOWLES, Charles; CRAWLEY, Aidan
 (74) FPA Patent Attorneys Pty Ltd

(71) AMERICAN BATTERY SOLUTIONS, INC.
 (11) AU-A-2022213358
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 (54) GRID ENERGY STORAGE SYSTEM FEATURING MASSIVELY PARALLEL-CONNECTED CELLS
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 H01M 50/502 (2021.01)
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 (72) HOFF, C. Michael; TREMELLING, Greg; COLLINS, Bud; REITSMA, Scott Hampton; NELSON, Erik
 (74) FB Rice Pty Ltd

(71) AMERICAN STERILIZER COMPANY
 (11) AU-A-2022221288
 (21) 2022221288 (22) 02.02.2022
 (54) SURGICAL LIGHTING SYSTEM THAT REDUCES RISK OF EXCESSIVE RADIANT ENERGY
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 H05B 47/105 (2020.01)
 A61B 90/30 (2016.01)
 F21S 8/04 (2006.01)
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 F21W 131/205 (2006.01)
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 A61M 5/315 (2006.01)
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 (72) JENSEN, Jan; EILERTSEN, Lars
 (74) Spruson & Ferguson

(71) AMYDIS, INC.
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 (54) METHODS OF DETECTING SYSTEMIC AMYLOIDOSIS VIA BINDING TO MISFOLDED OR AGGREGATED PROTEIN
 (51) Int. Cl.
 C07C 15/24 (2006.01)
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 (72) SARRAF, Stella T.; VANDERKLISH, Peter W.; TAFRESHI, Ali
 (74) FPA Patent Attorneys Pty Ltd

(71) ANDRITZ OY
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 (54) A WATER AND STEAM SEPARATOR OF A BOILER DRUM
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 (72) RÖPPÄNEN, Jukka; KAREMA, Hannu
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 (72) FERRI, Emanuele; GILARDINO, Piero
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 C12N 9/22 (2006.01)
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 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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 (11) AU-A-2022212774
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 (54) QKD SWITCHING SYSTEM
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 H04L 9/08 (2006.01)
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 (72) YEOMANS, Andrew; BURNS, Daryl; WILLIAMS, David
 (74) Dentons Patent Attorneys Australasia Limited

(71) ARQIT LIMITED
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 (72) YEOMANS, Andrew; MURPHY, Michael; COHEN, Oliver; IQBAL, Omar; BROWN, James
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(71) ARQIT LIMITED
 (11) AU-A-2022212778
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 (54) KEY EXCHANGE PROTOCOL FOR SATELLITE BASED QUANTUM NETWORK
 (51) Int. Cl.
 H04L 9/08 (2006.01)
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 (72) YEOMANS, Andrew; IQBAL, Omar; CHILDE, Barry
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 (11) AU-A-2022213527
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 (54) QKD SWITCHING SYSTEM AND PROTOCOLS
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 C05G 5/30 (2020.01)
 C08K 5/521 (2006.01)
 C08L 5/00 (2006.01)
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 G06F 3/00 (2006.01)
 H03F 3/45 (2006.01)
 H03G 3/30 (2006.01)
 H03G 7/00 (2006.01)
 H03G 11/00 (2006.01)
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 (72) CLAY, Oliver James
 (74) Flint Intellectual Property Limited

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 (54) HUMAN UMBILICAL CORD-DERIVED COMPOSITIONS AND USES THEREOF FOR TREATING NEUROPATHY
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 A61K 35/51 (2015.01)
 A61K 9/00 (2006.01)
 A61K 47/42 (2017.01)

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F42C 15/24 (2006.01)
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(54) CONTACT LENS TREATING SOLUTION
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C11D 3/00 (2006.01)
C11D 1/66 (2006.01)
C11D 3/04 (2006.01)
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C11D 3/04 (2006.01)
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A61K 47/10 (2017.01)
A61K 47/36 (2006.01)
C11D 1/66 (2006.01)
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C07D 207/12 (2006.01)
A01N 43/36 (2006.01)
C07D 401/12 (2006.01)
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A01G 18/40 (2018.01)
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A61K 31/416 (2006.01)
A61P 31/00 (2006.01)
C07D 405/14 (2006.01)
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A61K 31/551 (2006.01)
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A61M 39/10 (2006.01)
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A61M 39/12 (2006.01)
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C07D 471/04 (2006.01)
A61K 31/437 (2006.01)
A61P 35/00 (2006.01)
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B23K 20/24 (2006.01)
E01B 29/42 (2006.01)
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B65D 19/18 (2006.01)
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E21B 12/00 (2006.01)
B23Q 7/00 (2006.01)
B25J 15/00 (2006.01)
B66C 1/28 (2006.01)
B66C 1/42 (2006.01)
B66C 1/62 (2006.01)
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C07K 16/18 (2006.01)
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B01D 5/00 (2006.01)
E03B 3/28 (2006.01)
F25B 15/00 (2006.01)
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G16B 30/00 (2019.01)
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F04D 29/059 (2006.01)
F16C 33/66 (2006.01)
F24F 7/003 (2021.01)
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C09K 11/06 (2006.01)
G01N 21/76 (2006.01)
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A61K 31/047 (2006.01)
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G01N 21/3504 (2014.01)
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C08L 5/00 (2006.01)
C08L 5/12 (2006.01)
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B67D 1/04 (2006.01)
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E04B 1/14 (2006.01)
E04B 1/74 (2006.01)
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H02J 7/14 (2006.01)
H02M 7/66 (2006.01)
H02M 7/72 (2006.01)
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D06M 15/05 (2006.01)
B32B 5/00 (2006.01)
B32B 33/00 (2006.01)
C12N 1/16 (2006.01)
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B32B 23/04 (2006.01)
C08L 1/02 (2006.01)
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C23C 8/20 (2006.01)
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F16L 41/12 (2006.01)
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 H04B 7/0413 (2017.01)
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 H01R 4/50 (2006.01)
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 H01R 4/28 (2006.01)
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A61P 11/00 (2006.01)
C07D 498/04 (2006.01)
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C12Q 1/6806 (2018.01)
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B82Y 30/00 (2011.01)
C08F 8/00 (2006.01)
C08F 220/56 (2006.01)
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C09D 149/00 (2006.01)
C12Q 1/68 (2018.01)
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C12N 9/22 (2006.01)
C40B 40/08 (2006.01)
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H04L 9/40 (2022.01)
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B01D 15/00 (2006.01)
H02S 10/12 (2014.01)
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G01N 33/50 (2006.01)
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A61P 27/02 (2006.01)
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A61K 51/10 (2006.01)
A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
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C07K 16/30 (2006.01)
A61P 35/00 (2006.01)
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A61K 31/196 (2006.01)
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C12N 15/10 (2006.01)
A61K 35/17 (2015.01)
C07K 14/705 (2006.01)
C12N 5/0783 (2010.01)
C12N 15/86 (2006.01)
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G01N 33/569 (2006.01)
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A61L 2/08 (2006.01)
A61L 2/24 (2006.01)
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F21K 9/233 (2016.01)
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A23L 11/50 (2021.01)
A23C 20/02 (2021.01)
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B65D 83/08 (2006.01)
A47K 10/42 (2006.01)
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A47K 5/12 (2006.01)
B05B 11/06 (2006.01)
B67D 3/00 (2006.01)
G05D 7/06 (2006.01)
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B61H 7/08 (2006.01)
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G05D 1/02 (2020.01)
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G06Q 50/08 (2012.01)
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G06Q 50/08 (2012.01)

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E01H 3/02 (2006.01)
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G05D 1/02 (2020.01)
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A61B 6/00 (2006.01)
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G16H 30/00 (2018.01)
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G01N 21/85 (2006.01)
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A61B 6/10 (2006.01)
A61N 5/10 (2006.01)
G21F 7/03 (2006.01)
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A62C 3/16 (2006.01)
A62C 37/08 (2006.01)
H01M 10/42 (2006.01)
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C22B 7/00 (2006.01)
C22B 3/22 (2006.01)
C22B 3/44 (2006.01)
C22B 15/00 (2006.01)
C22B 26/12 (2006.01)
H01M 10/54 (2006.01)
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C07D 409/14 (2006.01)
A61K 31/444 (2006.01)
A61K 31/506 (2006.01)
A61P 25/00 (2006.01)
A61P 31/12 (2006.01)
A61P 35/00 (2006.01)
A61P 37/00 (2006.01)
C07D 213/69 (2006.01)
C07D 213/89 (2006.01)
C07D 319/12 (2006.01)
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F22B 1/18 (2006.01)
C10G 9/24 (2006.01)
C10G 9/36 (2006.01)
C10G 51/02 (2006.01)
F01K 13/02 (2006.01)
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F24C 1/00 (2006.01)
A47J 37/07 (2006.01)
F24C 1/10 (2006.01)
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A61B 3/125 (2006.01)
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G01R 33/56 (2006.01)
G06N 20/00 (2019.01)
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A61B 90/30 (2016.01)
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A61B 17/00 (2006.01)
A61F 2/02 (2006.01)
A61M 31/00 (2006.01)
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A61P 31/04 (2006.01)
A61K 9/107 (2006.01)
A61K 9/127 (2006.01)
A61K 9/51 (2006.01)
A61K 31/01 (2006.01)
A61K 45/06 (2006.01)
A61K 47/54 (2017.01)
C07K 1/113 (2006.01)
C07K 14/46 (2006.01)
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C07K 16/18 (2006.01)
A61P 25/00 (2006.01)
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C12Q 1/68 (2018.01)
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F03D 9/41 (2016.01)
F03D 1/04 (2006.01)
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 METHOD
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 G01V 8/10 (2006.01)
 E21B 41/00 (2006.01)
 G01S 17/04 (2020.01)
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 (54) FLEXIBLE SLEEVE FOR BONE FIXA-
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 F27B 3/12 (2006.01)
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 F27D 1/12 (2006.01)
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 (54) INFANT FORMULAS CONTAINING
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 A23L 33/00 (2016.01)
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 (72) DE OLIVEIRA AFONSO, Wendel
 (74) Allens Patent & Trade Mark Attorneys

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 A61P 35/00 (2006.01)
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 (72) LI, Ao; CHEN, Yile; CAO, Guoqing
 (74) FPA Patent Attorneys Pty Ltd

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 B65G 41/00 (2006.01)
 B65G 43/08 (2006.01)
 E02F 7/02 (2006.01)
 E21C 47/04 (2006.01)
 G01F 1/002 (2022.01)
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 G01G 11/00 (2006.01)
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 B65G 41/00 (2006.01)
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 E02F 7/02 (2006.01)
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G01F 1/002 (2022.01)
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(71) MOBII SYSTEMS (PTY) LTD
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 (54) A METHOD OF PROVIDING A TIME-
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 (51) Int. Cl.
 H04N 21/242 (2011.01)
 H04N 5/04 (2006.01)
 H04N 21/43 (2011.01)
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 Brendan
 (74) MEYER WEST IP

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 (54) RECORDAL SYSTEM
 (51) Int. Cl.
 G06Q 10/00 (2023.01)
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 (72) MOKUTU, Emmanuel
 (74) James & Wells Intellectual Property

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 (54) FRAME FOR CLAMPING FABRIC FOR
 EMBROIDERY MACHINES AND EM-
 BROIDERY MACHINE COMPRISING
 SAID FRAME
 (51) Int. Cl.
 D05C 9/04 (2006.01)
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 (11) AU-A-2022239744
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 (54) ASSEMBLY LINE FOR MANUFAC-
 TURED ARTICLES AND ASSOCIATED
 METHOD, PARTICULARLY FOR THE
 INDUSTRIAL MANUFACTURING OF
 ITEMS OF CLOTHING
 (51) Int. Cl.
 G05B 19/418 (2006.01)
 A41H 42/00 (2006.01)
 A41H 43/02 (2006.01)
 B65B 25/00 (2006.01)

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(71) MORPHOSYS AG
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(21) 2022230717 **(22)** 01.03.2022
(54) ANTI-CD38 ANTIBODIES FOR USE IN
 THE TREATMENT OF ANTIBODY-ME-
 DIATED TRANSPLANT REJECTION
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61P 37/06 (2006.01)
(87) WO2022/184676
(31) 21159860.2 **(32)** 01.03.21 **(33)** EP
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(72) STEIDL, Stefan; HÄRTLE, Stefan;
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(71) MOTIF FOODWORKS, INC.
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(21) 2022231171 **(22)** 07.03.2022
(54) MEAT ALTERNATIVE FORMULATION
(51) Int. Cl.
A23J 3/14 (2006.01)
A23J 3/22 (2006.01)
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 COTTRELL, Colleen
(74) RNB IP PTY LTD

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(54) ANTIGEN-BINDING PROTEIN CON-
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 USES THEREOF
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 47/68 (2017.01)
C07K 16/30 (2006.01)
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(21) 2022233417 **(22)** 08.03.2022
(54) A CONNECTOR SYSTEM
(51) Int. Cl.
F16L 37/098 (2006.01)
E21B 17/01 (2006.01)
E21B 17/02 (2006.01)

E21B 43/01 (2006.01)
F16B 7/22 (2006.01)
H02G 1/10 (2006.01)
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(72) HOLBERG, Christian Sola
(74) FPA Patent Attorneys Pty Ltd

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(54) EPIGENETIC GENE REGULATION TO
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(51) Int. Cl.
C12N 15/00 (2006.01)
A61K 47/00 (2006.01)
A61P 25/00 (2006.01)
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(72) ALEMAN GUILLEN, Fernando;
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(74) FB Rice Pty Ltd

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A61K 31/585 (2006.01)
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(72) QIAN, Xiangping
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(54) APPARATUS, SYSTEMS AND METH-
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(51) Int. Cl.
A61B 5/00 (2006.01)
A61B 5/1455 (2006.01)
A61B 5/16 (2006.01)
A61B 5/372 (2021.01)
A61N 1/04 (2006.01)
A61N 1/20 (2006.01)
A61N 1/36 (2006.01)
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(51) Int. Cl.
G16H 50/70 (2018.01)
A61F 2/32 (2006.01)
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G06N 3/08 (2023.01)
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A61P 35/02 (2006.01)
C07K 14/005 (2006.01)
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(31) 63/157,225 **(32)** 05.03.21 **(33)** US
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 MATSUZAWA-ISHIMOTO, Yu; KOIDE,
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A24F 40/49 (2020.01)
G06F 21/35 (2013.01)
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(54) ESTIMATION DEVICE, ESTIMATION
 METHOD AND PROGRAM
(51) Int. Cl.
H04L 1/00 (2006.01)
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(54) REDCAP UE IDENTIFICATION	A61M 1/14 (2006.01)	2109600.3	02.07.21	GB
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H04W 74/08 (2009.01)	B01F 21/20 (2022.01)	(43) 11.08.2022		
H04L 69/24 (2022.01)	(87) WO2022/197824	(72) KONOWALCZYK, Peter		
H04L 69/321 (2022.01)	(31) 63/162,388 (32) 17.03.21 (33) US	(74) Wadeson IP Pty Ltd		
H04W 72/12 (2023.01)	(43) 22.09.2022			
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(54) ELECTRICAL CONNECTOR SYSTEM	(54) MEDICAMENT PREPARATION DEVICES, METHODS, AND SYSTEMS			
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H01R 13/629 (2006.01)	A61M 1/16 (2006.01)			
H01R 13/639 (2006.01)	A61J 3/00 (2006.01)			
H01R 24/38 (2011.01)	C02F 1/00 (2023.01)			
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(71) NORTHWESTERN UNIVERSITY	(71) NXSTAGE MEDICAL, INC.			
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(54) DYNAMIC BIOACTIVE SCAFFOLDS AND THERAPEUTIC USES THEREOF AFTER CNS INJURY	(54) MEDICAMENT PREPARATION DEVICES, METHODS, AND SYSTEMS			
(51) Int. Cl.	(51) Int. Cl.			
C07K 7/06 (2006.01)	A61M 1/00 (2006.01)			
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(72) ALVAREZ PINTO, Zaida; STUPP, Samuel Isaac	(31) 63/164,978 (32) 23.03.21 (33) US			
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(21) 2022230656 (22) 07.02.2022				
(54) PRESSING TOOL				
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B25B 27/10 (2006.01)				
B21D 39/04 (2006.01)				
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(72) KRÄMER, Stephan; BUNGTERT, Martin				
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(21) 2022237524 (22) 16.03.2022	(21) 2022215953 (22) 07.02.2022			
(54) MEDICAMENT PREPARATION DEVICES, METHODS, AND SYSTEMS	(54) METHODS AND SYSTEMS FOR MODULATING ENERGY USAGE			
(51) Int. Cl.	(51) Int. Cl.			
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E03B 7/00 (2006.01)	E03B 7/07 (2006.01)			
E03B 7/07 (2006.01)	F24D 19/10 (2006.01)			
F24D 19/10 (2006.01)	F24H 9/17 (2022.01)			
F24H 9/17 (2022.01)	F24H 15/12 (2022.01)			
F24H 15/148 (2022.01)	F24H 15/148 (2022.01)			
F24H 15/164 (2022.01)	F24H 15/164 (2022.01)			
F24H 15/168 (2022.01)	F24H 15/168 (2022.01)			
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F24H 15/429 (2022.01)	F24H 15/429 (2022.01)			
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(21) 2022224035 (22) 18.02.2022	(21) 2022224035 (22) 18.02.2022			
(54) MICROWAVE-BASED MINING SYSTEMS AND METHODS WITH ROBOTIC ARM WAVEGUIDE	(54) MICROWAVE-BASED MINING SYSTEMS AND METHODS WITH ROBOTIC ARM WAVEGUIDE			
(51) Int. Cl.	(51) Int. Cl.			
C10G 15/08 (2006.01)	C10G 15/08 (2006.01)			
E21B 7/14 (2006.01)	E21B 7/14 (2006.01)			
E21C 37/00 (2006.01)	E21C 37/00 (2006.01)			
H05B 6/64 (2006.01)	H05B 6/64 (2006.01)			
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(72) MURRAY, James Jason; DU PLESSIS, Jeandré; BEZUIDENHOUT, Petroné Hester; BEECH, Ryan Dennis; DELPORT, Marco; YAZDANI, Mohsen; PIEIGA, Ill, Sergio	(72) MURRAY, James Jason; DU PLESSIS, Jeandré; BEZUIDENHOUT, Petroné Hester; BEECH, Ryan Dennis; DELPORT, Marco; YAZDANI, Mohsen; PIEIGA, Ill, Sergio			
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(21) 2022224629 (22) 18.02.2022	(21) 2022224629 (22) 18.02.2022			
(54) ARTICULATED WAVEGUIDE	(54) ARTICULATED WAVEGUIDE			
(51) Int. Cl.	(51) Int. Cl.			
E21B 7/15 (2006.01)	E21B 7/15 (2006.01)			
B01J 19/12 (2006.01)	B01J 19/12 (2006.01)			
E21B 7/14 (2006.01)	E21B 7/14 (2006.01)			
E21C 37/00 (2006.01)	E21C 37/00 (2006.01)			
E21C 37/18 (2006.01)	E21C 37/18 (2006.01)			
H05B 6/80 (2006.01)	H05B 6/80 (2006.01)			
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(31) 63/152,248 (32) 22.02.21 (33) US	(31) 63/152,248 (32) 22.02.21 (33) US			
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(72) MURRAY, James Jason; DU PLESSIS, Jeandré; CURTO, Hugo Jean	(72) MURRAY, James Jason; DU PLESSIS, Jeandré; CURTO, Hugo Jean			
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(71) OHMIQ, INC.	(71) OHMIQ, INC.			
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(21) 2022226648 (22) 24.02.2022	(21) 2022226648 (22) 24.02.2022			
(54) DYNAMIC FLUID HEATER AND WASHING APPLIANCE	(54) DYNAMIC FLUID HEATER AND WASHING APPLIANCE			
(51) Int. Cl.	(51) Int. Cl.			
A47L 15/42 (2006.01)	A47L 15/42 (2006.01)			
A47L 15/00 (2006.01)	A47L 15/00 (2006.01)			
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E02F 5/00 (2006.01)
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A61K 39/395 (2006.01)
A61P 11/00 (2006.01)
A61P 31/14 (2006.01)
C07K 16/40 (2006.01)
G01N 33/53 (2006.01)
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F28G 1/12 (2006.01)
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C12Q 1/6886 (2018.01)
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H01F 7/02 (2006.01)
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H01F 7/00 (2006.01)
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A01N 31/02 (2006.01)
A01N 37/12 (2006.01)
A01P 1/00 (2006.01)
A01P 3/00 (2006.01)
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 (54) SYSTEM AND/OR METHOD FOR PLATOONING
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B61L 27/16 (2022.01)
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 (74) PIPERS
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B01L 3/00 (2006.01)
G01N 21/03 (2006.01)
G02B 21/00 (2006.01)
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 (74) FPA Patent Attorneys Pty Ltd
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E04H 17/16 (2006.01)
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C07K 14/61 (2006.01)
C07K 19/00 (2006.01)
C12N 15/09 (2006.01)
C12N 15/18 (2006.01)
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 (72) CARA, José Francisco; PASTRAK, Aleksandra; VALLURI, Srinivas Rao; WAJNRAJCH, Michael Paul
 (74) Allens Patent & Trade Mark Attorneys
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 (21) 2022238001 (22) 15.03.2022
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A61K 31/437 (2006.01)
A61K 31/519 (2006.01)
A61P 35/00 (2006.01)
C07D 487/04 (2006.01)
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63/165,459 24.03.21 US
(43) 22.09.2022
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(74) Allens Patent & Trade Mark Attorneys
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- (71) PFS GENOMICS, INC.
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(21) 2022228444 (22) 01.03.2022
(54) METHODS AND GENOMIC CLASSIFIERS FOR PROGNOSIS OF BREAST CANCER AND IDENTIFYING SUBJECTS NOT LIKELY TO BENEFIT FROM RADIOTHERAPY
- (51) Int. Cl.
C12Q 1/68 (2018.01)
G16B 25/10 (2019.01)
G16H 50/20 (2018.01)
G16H 50/30 (2018.01)
- (87) WO2022/187227
(31) 63/154,821 (32) 01.03.21 (33) US
(43) 09.09.2022
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(74) Davies Collison Cave Pty Ltd
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- (71) PHILIP MORRIS PRODUCTS S.A.
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(21) 2022230200 (22) 02.03.2022
(54) DIELECTRICALLY HEATED AEROSOL-GENERATING SYSTEM WITH OPTIMISED DIMENSIONS
- (51) Int. Cl.
A24D 1/20 (2020.01)
A24F 1/30 (2006.01)
A24F 40/46 (2020.01)
A24F 40/50 (2020.01)
H05B 6/46 (2006.01)
A24F 40/10 (2020.01)
A24F 40/20 (2020.01)
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(31) 21160319.6 (32) 02.03.21 (33) EP
(43) 09.09.2022
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(21) 2022304868 (22) 22.06.2022
(54) HEATER ASSEMBLY WITH MICRO-POROUS INSULATION
- (51) Int. Cl.
A24F 40/46 (2020.01)
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(54) INTRAVASCULAR CATHETER AND METHOD OF USE
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A61M 25/06 (2006.01)
- (87) WO2022/165300
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(43) 04.08.2022
(72) PIERCE, Thomas
(74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD
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(21) 2022217172 (22) 02.02.2022
(54) GPS TRACKING DEVICE WITH EXTENDED BATTERY LIFE
- (51) Int. Cl.
H04W 4/029 (2018.01)
B60R 25/33 (2013.01)
G01S 19/01 (2010.01)
- (87) WO2022/169848
(31) 17/166,581 (32) 03.02.21 (33) US
(43) 11.08.2022
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(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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(11) AU-A-2022228455
(21) 2022228455 (22) 01.03.2022
(54) SYSTEMS AND METHODS FOR SOLAR POWER PLANT ASSEMBLY
- (51) Int. Cl.
H02S 20/10 (2014.01)
H02S 20/30 (2014.01)
H02S 10/00 (2014.01)
H02S 20/20 (2014.01)
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(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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(21) 2022212968 (22) 27.01.2022
(54) SURFING DEVICE
- (51) Int. Cl.
B63B 32/59 (2020.01)
B29C 33/42 (2006.01)
B29C 44/04 (2006.01)
B29C 44/12 (2006.01)
B29C 44/58 (2006.01)
B63B 32/40 (2020.01)
B63B 32/50 (2020.01)
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- B63B 32/57** (2020.01)
B29K 23/00 (2006.01)
B29L 31/52 (2006.01)
- (87) WO2022/160009
(31) 2021900168 (32) 27.01.21 (33) AU
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(72) PLAYER, Ben
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(21) 2021439321 (22) 27.05.2021
(54) PREPARATION METHOD FOR AMORPHOUS SILICON INTEGRATED WITH TUNNELING OXIDE LAYER
- (51) Int. Cl.
H01L 31/18 (2006.01)
- (87) WO2022/213460
(31) 202110379255.3 (32) 08.04.21 (33) CN
(43) 13.10.2022
(72) OU, Wenkai
(74) Uninno IP
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- (71) PUREWICK CORPORATION
(11) AU-A-2022228423
(21) 2022228423 (22) 28.02.2022
(54) FLUID COLLECTION DEVICES HAVING A CONTINUOUS FLUID PERMEABLE BODY AND MULTIPLE ARMS, AND RELATED SYSTEMS AND METHODS
- (51) Int. Cl.
A61F 5/453 (2006.01)
A61F 5/48 (2006.01)
- (87) WO2022/187152
(31) 63/155,395 (32) 02.03.21 (33) US
(43) 09.09.2022
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(74) Spruson & Ferguson
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(11) AU-A-2022228407
(21) 2022228407 (22) 01.03.2022
(54) WATERWAY INTEGRATION DEVICE
- (51) Int. Cl.
F25D 23/12 (2006.01)
F25C 1/00 (2006.01)
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(74) Davies Collison Cave Pty Ltd
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- (71) RADUXTION, LLC.
(11) AU-A-2022212259
(21) 2022212259 (22) 19.01.2022
(54) MEDICAL IMAGING SYSTEM WITH AUTOMATIC DETERMINATION OF OPERATING SETTINGS
- (51) Int. Cl.

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(43) 04.08.2022
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(74) Spruson & Ferguson
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(11) AU-A-2022218246
(21) 2022218246 **(22)** 08.02.2022
(54) APPARATUS FOR THE MEASUREMENT OF LIGHT TRANSMITTANCE THROUGH A LIQUID SAMPLE USING MULTIPLE LED LIGHT SOURCES
(51) Int. Cl.
G01N 21/27 (2006.01)
(87) WO2022/165610
(31) 63/146,978 **(32)** 08.02.21 **(33)** US
(43) 11.08.2022
(72) GLOVER, James Andrew; KOLLU, Kerim
(74) Southern Cross Intellectual Property
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- (71)** REGENERON PHARMACEUTICALS, INC.; SANOFI BIOTECHNOLOGY
(11) AU-A-2022242000
(21) 2022242000 **(22)** 22.03.2022
(54) METHODS OF TREATING CANCER IN IMMUNOSUPPRESSED OR IMMUNOCOMPROMISED PATIENTS BY ADMINISTERING A PD-1 INHIBITOR
(51) Int. Cl.
A61K 39/00 (2006.01)
A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
(87) WO2022/204672
(31) 63/164,662 **(32)** 23.03.21 **(33)** US
 63/183,690 04.05.21 US
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(72) DESAI, Jigar; FURY, Matthew, G.; SELUZHITSKY, Alexander; MEHTA, Nikita, Piyush
(74) FB Rice Pty Ltd
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(21) 2022214429 **(22)** 31.01.2022
(54) GENE THERAPY FOR NEURONAL CEROID LIPOFUSCINOSES
(51) Int. Cl.
A61K 9/00 (2006.01)
A61K 9/10 (2006.01)
A61K 9/51 (2006.01)
C12N 15/86 (2006.01)
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(74) FB Rice Pty Ltd
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(11) AU-A-2022219964
(21) 2022219964 **(22)** 11.02.2022
(54) RECOVERY OF METALS
(51) Int. Cl.
C22B 15/00 (2006.01)
C22B 3/14 (2006.01)
C22B 3/26 (2006.01)
C22B 7/00 (2006.01)
C22B 23/00 (2006.01)
C22B 26/12 (2006.01)
(87) WO2022/170399
(31) 2021900358 **(32)** 12.02.21 **(33)** AU
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(72) URBANI, Mark Daniel; JOHNSON, Gary Donald; VINES, Nicholas John
(74) Spruson & Ferguson
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- (71)** RENTOKIL INITIAL 1927 PLC
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(21) 2021426853 **(22)** 09.02.2021
(54) ADAPTABLE BAIT STATION
(51) Int. Cl.
A01M 23/38 (2006.01)
(87) WO2022/173519
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(74) FB Rice Pty Ltd
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- (71)** REPLICATE BIOSCIENCE, INC.
(11) AU-A-2022262341
(21) 2022262341 **(22)** 20.04.2022
(54) ALPHAVIRUS VECTORS CONTAINING UNIVERSAL CLONING ADAPTORS
(51) Int. Cl.
C07K 14/18 (2006.01)
C12N 7/04 (2006.01)
C12N 15/86 (2006.01)
(87) WO2022/226019
(31) 63/177,656 **(32)** 21.04.21 **(33)** US
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(72) WANG, Nathaniel Stephen; MIYAKE-STONER, Shigeki Joseph; CHOU, Annie Chia-Zong
(74) RnB IP
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- (71)** RHODX, INC.
(11) AU-A-2022216246
(21) 2022216246 **(22)** 02.02.2022
(54) SYNTHETIC POLYNUCLEOTIDES AND METHODS FOR SELECTIVELY AMPLIFYING ALLELES
(51) Int. Cl.
C12P 19/34 (2006.01)
C12N 15/09 (2006.01)
C40B 40/06 (2006.01)
(87) WO2022/169846
(31) 63/144,723 **(32)** 02.02.21 **(33)** US
(43) 11.08.2022
(72) RODI, Charles
(74) FPA Patent Attorneys Pty Ltd
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- (71)** ROCHESTER, W.
(11) AU-A-2022229028
(21) 2022229028 **(22)** 28.02.2022
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- (54)** PIPE SUPPORTS AND PIPE SUPPORT KITS
(51) Int. Cl.
F16L 3/10 (2006.01)
F16L 3/11 (2006.01)
F16L 3/12 (2006.01)
F16L 3/133 (2006.01)
(87) WO2022/183237
(31) 2021900577 **(32)** 03.03.21 **(33)** AU
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(72) ROCHESTER, Warren
(74) Adams Pluck
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- (71)** ROCKATEK LIMITED
(11) AU-A-2022233551
(21) 2022233551 **(22)** 10.03.2022
(54) DOWNHOLE ASSEMBLY TO MITIGATE HIGH FREQUENCY TORSIONAL OSCILLATION, AND OSCILLATION MITIGATION TOOL SUITABLE FOR USE IN A DOWNHOLE ASSEMBLY
(51) Int. Cl.
E21B 17/07 (2006.01)
(87) WO2022/189586
(31) 2103282.6 **(32)** 10.03.21 **(33)** GB
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(72) CROWLEY, Daniel, Brendan; SEDGEMAN, Robert, Donald, John
(74) Anderson-Taylor & Associates
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(11) AU-A-2022227939
(21) 2022227939 **(22)** 25.02.2022
(54) METAL TRAINING CARTRIDGE BULLET
(51) Int. Cl.
F42B 8/12 (2006.01)
F42B 12/34 (2006.01)
F42B 12/74 (2006.01)
(87) WO2022/180243
(31) 10 2021 104 757.9 **(32)** 26.02.21 **(33)** DE
(43) 01.09.2022
(72) MEYER, Donald; MUSTER, Michael; GRÜNIG, Markus; HOWALD, Paul
(74) Griffith Hack
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(11) AU-A-2022227940
(21) 2022227940 **(22)** 25.02.2022
(54) DEFORMATION BULLET FOR AMMUNITION FOR POLICE AND OTHER RULING BODIES
(51) Int. Cl.
F42B 12/34 (2006.01)
F42B 12/74 (2006.01)
(87) WO2022/180245
(31) 10 2021 104 760.9 **(32)** 26.02.21 **(33)** DE
(43) 01.09.2022
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- (71)** SAMSUNG ELECTRONICS CO., LTD.
(11) AU-A-2022211949
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- (54) ELECTRONIC DEVICE COMPRISING FLEXIBLE DISPLAY, AND METHOD FOR CONTROLLING SAME
 (51) Int. Cl.
G06F 1/16 (2006.01)
G09F 9/30 (2006.01)
 (87) WO2022/164216
 (31) 10-2021-0013165 (32) 29.01.21 (33) KR
 (43) 04.08.2022
 (72) SHIN, Hyunho; KIM, Yongyou; AN, Jungchul
 (74) Griffith Hack
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- (71) SAMSUNG ELECTRONICS CO., LTD.
 (11) AU-A-2022229622
 (21) 2022229622 (22) 04.03.2022
 (54) DISPLAY STRUCTURE COMPRISING DIELECTRIC LAYER AND ELECTRONIC APPARATUS COMPRISING SAME
 (51) Int. Cl.
G06F 1/16 (2006.01)
B32B 7/025 (2019.01)
B32B 27/20 (2006.01)
G09F 9/30 (2006.01)
 (87) WO2022/186656
 (31) 10-2021-0029309 (32) 05.03.21 (33) KR
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 (43) 09.09.2022
 (72) AN, Jungchul; KIM, Seongjun; KIM, Hoyeon; RYU, Kwanghee; KWON, Youngjae
 (74) Griffith Hack
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- (71) SAMSUNG ELECTRONICS CO., LTD.
 (11) AU-A-2022230895
 (21) 2022230895 (22) 03.03.2022
 (54) ELECTRONIC DEVICE COMPRISING FOLDABLE FLEXIBLE PLATE
 (51) Int. Cl.
G06F 1/16 (2006.01)
G06F 16/16 (2019.01)
G09F 9/30 (2006.01)
 (87) WO2022/186637
 (31) 10-2021-0029533 (32) 05.03.21 (33) KR
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 (43) 09.09.2022
 (72) KIM, Hoyeon; KIM, Seongjun; RYU, Kwanghee; AN, Jungchul; KWON, Youngjae
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- (71) SAMSUNG ELECTRONICS CO., LTD.
 (11) AU-A-2022261762
 (21) 2022261762 (22) 21.04.2022
 (54) ELECTRONIC DEVICE, AND METHOD FOR INSTALLING PROFILE OF EMBEDDED SUBSCRIBER IDENTIFICATION MODULE IN ELECTRONIC DEVICE
 (51) Int. Cl.
H04W 8/20 (2009.01)
H04L 9/32 (2006.01)
H04L 9/40 (2022.01)
H04L 67/02 (2022.01)
H04L 67/306 (2022.01)
H04L 67/55 (2022.01)
H04W 4/60 (2018.01)
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H04W 88/02 (2009.01)
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 (31) 10-2021-0053208 (32) 23.04.21 (33) KR
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 (74) Griffith Hack
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- (71) SANA BIOTECHNOLOGY, INC.
 (11) AU-A-2022230995
 (21) 2022230995 (22) 02.03.2022
 (54) IMMUNOSUPPRESSIVE THERAPIES FOR USE WITH CARDIOMYOCYTE CELL THERAPIES, AND ASSOCIATED METHODS AND COMPOSITIONS
 (51) Int. Cl.
A61K 35/34 (2015.01)
A61K 31/436 (2006.01)
A61P 9/10 (2006.01)
A61P 37/06 (2006.01)
 (87) WO2022/187379
 (31) 63/155,946 (32) 03.03.21 (33) US
 (43) 09.09.2022
 (72) THIES, Robert Scott; MURRY, Charles E.
 (74) RnB IP Pty Ltd
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- (71) SANDVIK MINING AND CONSTRUCTION OY; SANDVIK MINING AND CONSTRUCTION AUSTRALIA (PRODUCTION/SUPPLY) PTY LTD
 (11) AU-A-2022225651
 (21) 2022225651 (22) 25.02.2022
 (54) MATERIAL ADDITIVE MODULE AND A METHOD OF RENEWING MATERIAL IN WORN AREAS FOR GROUND MOVING PARTS
 (51) Int. Cl.
E02F 3/14 (2006.01)
E02F 9/28 (2006.01)
 (87) WO2022/180224
 (31) 21159682.0 (32) 26.02.21 (33) EP
 (43) 01.09.2022
 (72) LEHTO, Tony
 (74) PHILLIPS ORMONDE FITZPATRICK
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 (11) AU-A-2022241926
 (21) 2022241926 (22) 22.03.2022
 (54) DRILL BIT ASSEMBLY COMPRISING AN EXPANDABLE RETAINING SLEEVE
 (51) Int. Cl.
E21B 4/14 (2006.01)
E21B 10/36 (2006.01)
E21B 17/07 (2006.01)
 (87) WO2022/200342
 (31) 21164079.2 (32) 22.03.21 (33) EP
 (43) 29.09.2022
 (72) KOSKINEN, Jouni; BRUANDET, Olivier
 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) SANY MARINE HEAVY INDUSTRY CO., LTD.
 (11) AU-A-2022368366
 (21) 2022368366 (22) 30.06.2022
 (54) ANTI-HOISTING MONITORING METHOD, APPARATUS, AND SYSTEM FOR CONTAINER TRUCK
 (51) Int. Cl.
G16Z 99/00 (2019.01)
 (31) 202210195450.5 (32) 28.02.22 (33) CN
 (43) 14.09.2023
 (72) FANG, Zhenhua
 (74) Madderns Pty Ltd
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- (71) SB INGÉNIERIE
 (11) AU-A-2022228716
 (21) 2022228716 (22) 01.03.2022
 (54) DEVICE FOR ATTACHING A TRANSVERSE VERTICAL PANEL, IN PARTICULAR A GLASS PANEL, TO A STRUCTURE
 (51) Int. Cl.
E04F 13/08 (2006.01)
E04F 13/14 (2006.01)
 (87) WO2022/185005
 (31) FR2102102 (32) 04.03.21 (33) FR
 (43) 09.09.2022
 (72) GIACOMETTI, Sylvianne
 (74) Davies Collison Cave Pty Ltd
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- (71) SCHLUMBERGER TECHNOLOGY B.V.
 (11) AU-A-2022234361
 (21) 2022234361 (22) 11.03.2022
 (54) DOWNHOLE CONNECTOR ORIENTATION FOR WETMATE CONNECTORS
 (51) Int. Cl.
E21B 17/02 (2006.01)
E21B 47/125 (2012.01)
 (87) WO2022/192669
 (31) 63/160,134 (32) 12.03.21 (33) US
 (43) 15.09.2022
 (72) CASSIDY, Christopher; HUYNH, Julia; ERIVES, Valeria; DUFOUR, Yann; BATA, Nabil
 (74) Griffith Hack
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- (71) SEABERY SOLUCIONES, S.L.
 (11) AU-A-2022223353
 (21) 2022223353 (22) 18.02.2022
 (54) SIMULATION DEVICE SUITABLE FOR USE IN AUGMENTED-REALITY OR VIRTUAL-REALITY ENVIRONMENTS
 (51) Int. Cl.
G09B 9/00 (2006.01)
 (87) WO2022/175583
 (31) P202130127 (32) 18.02.21 (33) ES
 (43) 25.08.2022
 (72) MARQUINEZ TORRECILLA, Pedro Gerardo; CHICA BARRERA, Juan José; CALVO PÉREZ, Jesús; BARROSO DE LA ROSA, David; LÓPEZ MÁRQUEZ, Víctor; SACRISTÁN GARCÍA, María
 (74) Dark IP

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 (11) AU-A-2022237791
 (21) 2022237791 (22) 17.03.2022
 (54) SELECTIVE DRUG RELEASE FROM INTERNALIZED CONJUGATES OF BIOLOGICALLY ACTIVE COMPOUNDS
 (51) Int. Cl.
A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
 (87) WO2022/198232
 (31) 63/163,008 (32) 18.03.21 (33) US
 63/163,017 18.03.21 US
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 (43) 22.09.2022
 (72) JEFFREY, Scott; LYSKI, Ryan; MOQUIST, Philip; DUNCAN, Nicole; BINDMAN, Noah; OKELEY, Nicole; SENTER, Peter; AWASTHI, Divya
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
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- (71) SEAGEN INC.
 (11) AU-A-2022238571
 (21) 2022238571 (22) 17.03.2022
 (54) SELECTIVE DRUG RELEASE FROM INTERNALIZED CONJUGATES OF BIOLOGICALLY ACTIVE COMPOUNDS
 (51) Int. Cl.
A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
 (87) WO2022/198231
 (31) 63/162,653 (32) 18.03.21 (33) US
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 (43) 22.09.2022
 (72) BINDMAN, Noah; OKELEY, Nicole; SENTER, Peter; AWASTHI, Divya; TRANG, Vivian; LYSKI, Ryan; JEFFREY, Scott; YOUSEFI, Roozbeh; GORSLINE, Bradley
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
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- (71) SECURECELL AG
 (11) AU-A-202226422
 (21) 202226422 (22) 25.02.2022
 (54) FLUID SAMPLING SYSTEM FOR BIOTECHNOLOGICAL APPLICATIONS, OPERATING METHOD AND USE THEREOF
 (51) Int. Cl.
C12M 1/26 (2006.01)
 (87) WO2022/180260
 (31) 21159429.6 (32) 25.02.21 (33) EP
 (43) 01.09.2022
 (72) ANDRETTA, Carlo
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G01T 1/164 (2006.01)
G01T 1/161 (2006.01)
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G21K 4/00 (2006.01)
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A61K 31/35 (2006.01)
A61K 31/381 (2006.01)
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A61P 25/22 (2006.01)
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 A61K 31/7105 (2006.01)
 A61K 47/18 (2017.01)
 C07C 211/58 (2006.01)
 C07C 217/28 (2006.01)
 C07C 219/06 (2006.01)
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C07D 473/00 (2006.01)
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B29C 55/12 (2006.01)
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B29D 7/00 (2006.01)
B29D 28/00 (2006.01)
B32B 3/10 (2006.01)
B32B 5/02 (2006.01)
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C07K 14/47 (2006.01)
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F02N 11/10 (2006.01)
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 A61K 8/49 (2006.01) (87) WO2022/178589
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A61K 31/5383 (2006.01)
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A41D 13/05 (2006.01)
A41D 31/24 (2019.01)
A41D 31/28 (2019.01)
F41H 1/02 (2006.01)
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B64C 39/02 (2023.01)
B64D 1/08 (2006.01)
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A61K 38/18 (2006.01)
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A61F 13/533 (2006.01)
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A61K 31/5575 (2006.01)
A61K 9/14 (2006.01)
A61K 47/54 (2017.01)
A61P 9/12 (2006.01)
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A61K 31/00 (2006.01)
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A61P 31/22 (2006.01)
C12N 15/113 (2010.01)
G01N 33/573 (2006.01)
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A61B 5/0215 (2006.01)
A61B 5/07 (2006.01)
A61F 2/90 (2013.01)
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C07K 14/005 (2006.01)
C12N 7/00 (2006.01)
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C09K 11/06 (2006.01)
G01N 33/18 (2006.01)
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E04B 9/20 (2006.01)
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A47B 47/04 (2006.01)
F16B 12/24 (2006.01)
A47B 96/20 (2006.01)
 (87) WO2022/184446
 (31) 21160002.8 (32) 01.03.21 (33) EP
 2250091-2 31.01.22 SE
 (43) 09.09.2022
 (72) SVENSSON, Johan; DERELÖV, Peter
 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) VÄLINGE INNOVATION AB
 (11) AU-A-2022237214
 (21) 2022237214 (22) 17.03.2022
 (54) BUILDING PANEL WITH A MECHANICAL LOCKING SYSTEM
 (51) Int. Cl.
E04F 15/02 (2006.01)
E04F 13/08 (2006.01)
F16B 5/00 (2006.01)
 (87) WO2022/197234
 (31) 2150322-2 (32) 19.03.21 (33) SE
 (43) 22.09.2022
 (72) BOO, Fredrik; NILSSON, Anders; QUIST, Karl
 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) W. L. GORE & ASSOCIATES, INC.
 (11) AU-A-2021429970
 (21) 2021429970 (22) 25.02.2021
 (54) GEOMETRICALLY DEFORMABLE IMPLANTABLE CONTAINMENT DEVICES FOR RETENTION OF BIOLOGICAL MOIETIES
 (51) Int. Cl.
A61K 9/00 (2006.01)
A61L 31/00 (2006.01)
A61L 31/04 (2006.01)
A61L 31/10 (2006.01)
A61L 31/12 (2006.01)
 (87) WO2022/182348
 (43) 01.09.2022
 (72) CULLY, Edward, H.; DELL, Regina, M.; DRUMHELLER, Paul, D.; DUNCAN, Jeffrey, B.; HUTCHINSON, Erin; TETTENBORN, Justin
 (74) Griffith Hack
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- (71) WASHINGTON STATE UNIVERSITY; DILLBERGER, J.E.
 (11) AU-A-202222761
 (21) 202222761 (22) 21.02.2022
 (54) METHODS FOR IDENTIFICATION AND TREATMENT OF BLEEDING IN ANIMALS
 (51) Int. Cl.
C12Q 1/68 (2018.01)
C07K 14/81 (2006.01)
 (87) WO2022/178343
 (31) 63/152,219 (32) 22.02.21 (33) US

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 (74) Davies Collison Cave Pty Ltd
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- (71) WEATHERFORD TECHNOLOGY HOLDINGS, LLC
 (11) AU-A-2022226072
 (21) 2022226072 (22) 20.01.2022
 (54) RFID ACTUATED RELEASE OF MILL FROM WHIPSTOCK
 (51) Int. Cl.
E21B 7/06 (2006.01)
E21B 23/02 (2006.01)
E21B 47/12 (2012.01)
E21B 47/13 (2012.01)
E21B 47/26 (2012.01)
 (87) WO2022/182444
 (31) 17/184,628 (32) 25.02.21 (33) US
 (43) 01.09.2022
 (72) PRAY, Jeffery, Scott
 (74) WRAYS PTY LTD
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- (71) WEATHERFORD TECHNOLOGY HOLDINGS, LLC
 (11) AU-A-2022249407
 (21) 2022249407 (22) 19.01.2022
 (54) TUBULAR GRIPPING APPARATUS
 (51) Int. Cl.
E21B 19/10 (2006.01)
E21B 19/16 (2006.01)
 (87) WO2022/212962
 (31) 17/216,313 (32) 29.03.21 (33) US
 (43) 06.10.2022
 (72) GOMEZ, Ruben; PAGE, Kevin Thomas
 (74) WRAYS PTY LTD
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- (71) WELLSTAT THERAPEUTICS CORPORATION
 (11) AU-A-2022212000
 (21) 2022212000 (22) 27.01.2022
 (54) URIDINE TRIACETATE AMORPHOUS FORMULATION
 (51) Int. Cl.
A61K 9/10 (2006.01)
A61K 31/7072 (2006.01)
A61K 47/14 (2017.01)
A61K 47/38 (2006.01)
 (87) WO2022/164985
 (31) 63/142,297 (32) 27.01.21 (33) US
 (43) 04.08.2022
 (72) BAMAT, Michael, Kevin; GAO, Yi; MILLER, Jeffrey, A.; QIU, Yihong
 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) WELLTEC OILFIELD SOLUTIONS AG
 (11) AU-A-2022219244
 (21) 2022219244 (22) 11.02.2022
 (54) ANNULAR BARRIER AND DOWN-HOLE SYSTEM
 (51) Int. Cl.
E21B 33/127 (2006.01)
 (87) WO2022/171774
 (31) 21156921.5 (32) 12.02.21 (33) EP
 (43) 18.08.2022
 (72) VASQUES, Ricardo Reves
 (74) GLMR
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- (71) WESTINGHOUSE ELECTRIC COMPANY LLC
 (11) AU-A-2022226581
 (21) 2022226581 (22) 23.02.2022
 (54) DEVICES, SYSTEMS, AND METHODS FOR DELIVERING DELTA RADIATION USING PROMPT NEUTRON CAPTURE GAMMA RADIATION
 (51) Int. Cl.
A61N 5/10 (2006.01)
 (87) WO2022/183181
 (31) 63/153,494 (32) 25.02.21 (33) US
 (43) 01.09.2022
 (72) HEIBEL, Michael D.; GERSTEIN, Devon; GITHII, Maureen; JIANG, Yazhu; DECKER, Jack; STAGNER, Emerie; DUNSTON, Jeremy
 (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) WHITEWATER WEST INDUSTRIES, LTD.
 (11) AU-A-2022227442
 (21) 2022227442 (22) 25.02.2022
 (54) CHAMBER AND CONTROL SYSTEM AND METHOD FOR GENERATING WAVES
 (51) Int. Cl.
E04H 4/00 (2006.01)
A63G 31/00 (2006.01)
E02B 9/08 (2006.01)
E04H 4/12 (2006.01)
 (87) WO2022/178622
 (31) 63/153,923 (32) 25.02.21 (33) US
 (43) 01.09.2022
 (72) GINESTET, Clement; WYNNE-EDWARDS, Alexander; DORTMANS, Nicholas
 (74) Spruson & Ferguson
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- (71) WILLIAM MARSH RICE UNIVERSITY
 (11) AU-A-2022217255
 (21) 2022217255 (22) 08.02.2022
 (54) FLASH RECYCLING OF BATTERIES
 (51) Int. Cl.
H01M 6/52 (2006.01)
 (87) WO2022/170244
 (31) 63/147,069 (32) 08.02.21 (33) US
 63/285,952 03.12.21 US
 (43) 11.08.2022
 (72) TOUR, James Mitchell; CHEN, Weiyin; LUONG, Duy X.; KITTRELL, Carter
 (74) Davies Collison Cave Pty Ltd
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- (71) WM WRIGLEY JR. COMPANY
 (11) AU-A-2021431745
 (21) 2021431745 (22) 07.03.2021
 (54) CHEWING GUM COMPOSITIONS FOR SKIN BENEFITS
 (51) Int. Cl.
A23G 4/14 (2006.01)
A23G 4/12 (2006.01)
A61P 17/00 (2006.01)
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- (43) 15.09.2022
 (72) LYU, Grace; YI, Ken; CHU, Melanie; KNUTSEN, Holly
 (74) MINTER ELLISON
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- (71) WORLD WIDE TECHNOLOGY HOLDING CO., LLC
 (11) AU-A-2022212094
 (21) 2022212094 (22) 28.01.2022
 (54) SYSTEMS AND METHODS FOR ARTIFICIAL INTELLIGENCE-DEFINED NETWORKING
 (51) Int. Cl.
G06N 3/00 (2023.01)
G06N 3/04 (2023.01)
G06N 3/08 (2023.01)
 (87) WO2022/165143
 (31) 17/162,691 (32) 29.01.21 (33) US
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 (72) DECHENE, Remington; CATALANO, Michael; BHARDWAJ, Snigdha; BRIDGLAND, Nicole; SHARMA, Achal; ULRICH, Xialing; AGARWAL, Navni; SCHOCH, Timothy; ZHANG, Rui; GAUR, Pradeep Singh; SIPPRELLE, Troy; MALCHI, Jonathan; STOLTENBERG, Henry
 (74) Spruson & Ferguson
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- (71) WUHAN HUMANWELL INNOVATIVE DRUG RESEARCH AND DEVELOPMENT CENTER LIMITED COMPANY
 (11) AU-A-2022217353
 (21) 2022217353 (22) 08.02.2022
 (54) PYRIDOPYRIMIDINONE DERIVATIVE, PREPARATION METHOD THEREFOR, AND USE THEREOF
 (51) Int. Cl.
C07D 471/04 (2006.01)
A61K 31/519 (2006.01)
A61P 35/00 (2006.01)
A61P 35/02 (2006.01)
C07D 453/02 (2006.01)
C07D 519/00 (2006.01)
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 (31) 202110172372.2 (32) 08.02.21 (33) CN
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 (43) 11.08.2022
 (72) ZHANG, Xuejun; CHANG, Shaohua; LI, Xueqiang; YE, Dabing; WANG, Hongqi; SUN, Hongna; YANG, Jun; LI, Li'e
 (74) FB Rice Pty Ltd
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- (71) WUHAN LL SCIENCE AND TECHNOLOGY DEVELOPMENT CO., LTD.
 (11) AU-A-2022216707
 (21) 2022216707 (22) 28.01.2022
 (54) HETEROCYCLIC COMPOUND, AND INTERMEDIATE THEREOF, PREPARATION METHOD THEREFOR AND USE THEREOF
 (51) Int. Cl.
C07D 487/04 (2006.01)
A61K 31/4985 (2006.01)
A61P 13/12 (2006.01)
A61P 25/00 (2006.01)
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- (43) 11.08.2022
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- (74) Franke Hyland Pty Ltd
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- (71) XENON PHARMACEUTICALS INC.
(11) AU-A-2022218962
(21) 2022218962 (22) 09.02.2022
- (54) CONJOINT THERAPY FOR TREATING SEIZURE DISORDERS
- (51) Int. Cl.
A61K 31/435 (2006.01)
A61K 9/00 (2006.01)
A61K 31/165 (2006.01)
A61K 31/19 (2006.01)
A61K 31/4015 (2006.01)
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A61P 25/00 (2006.01)
A61P 25/08 (2006.01)
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- (31) 63/147,736 (32) 09.02.21 (33) US
(43) 18.08.2022
- (72) JOHNSON, JR, James Philip
- (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) XEROTECH LIMITED
(11) AU-A-2022212557
(21) 2022212557 (22) 27.01.2022
- (54) MODULAR BATTERY PACK
- (51) Int. Cl.
H01M 10/613 (2014.01)
H01M 10/6556 (2014.01)
H01M 10/6557 (2014.01)
H01M 10/658 (2014.01)
H01M 50/204 (2021.01)
H01M 50/213 (2021.01)
H01M 50/244 (2021.01)
- (87) WO2022/162096
- (31) 2101121.8 (32) 27.01.21 (33) GB
(43) 04.08.2022
- (72) FLANNERY, Barry; MCFADDEN, Seán; COLLINS, Meaghan; QUINN, Neil
- (74) Summit IP
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- (71) YONCE, D.; KOELLER, G.
(11) AU-A-2022227850
(21) 2022227850 (22) 28.02.2022
- (54) FIELDABLE EEG SYSTEM, ARCHITECTURE, AND METHOD
- (51) Int. Cl.
A61B 5/24 (2021.01)
A61B 5/25 (2021.01)
A61B 5/256 (2021.01)
A61B 5/375 (2021.01)
- (87) WO2022/183128
- (31) 63/154,751 (32) 28.02.21 (33) US
(43) 01.09.2022
- (72) YONCE, David; KOELLER, Gregory
- (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) ZELARION MALTA LIMITED
(11) AU-A-2022209965
(21) 2022209965 (22) 20.01.2022
- (54) METHOD AND COMPOSITION FOR INDUCING TOLERANCE
- (51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/00 (2006.01)
A61K 39/395 (2006.01)
A61P 37/06 (2006.01)
- (87) WO2022/157272
- (31) 63/141,023 (32) 25.01.21 (33) US
(43) 28.07.2022
- (72) BERGLUND, Erik
- (74) FB Rice Pty Ltd
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- (71) ZENOFF PRODUCTS, INC.
(11) AU-A-2022216224
(21) 2022216224 (22) 01.02.2022
- (54) TORSO DEVICE
- (51) Int. Cl.
A47C 16/00 (2006.01)
A47D 13/02 (2006.01)
A47D 13/08 (2006.01)
A47D 15/00 (2006.01)
A47G 9/00 (2006.01)
- (87) WO2022/169736
- (31) 17/169,385 (32) 05.02.21 (33) US
(43) 11.08.2022
- (72) ZENOFF, Andrew
- (74) Gestalt Law Pty Ltd
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- (71) ZERO ACRE FARMS INC.
(11) AU-A-2022224053
(21) 2022224053 (22) 18.02.2022
- (54) SYSTEMS AND METHODS OF MAKING OIL FROM MICROORGANISMS
- (51) Int. Cl.
C12P 7/64 (2022.01)
A23D 7/00 (2006.01)
A23D 9/00 (2006.01)
- (87) WO2022/178302
- (31) 63/150,937 (32) 18.02.21 (33) US
(43) 25.08.2022
- (72) NOBBS, Jeff; KEASLING, Jay D.; DELCARDAYRE, Stephen B.
- (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) ZODIAC POOL CARE EUROPE
(11) AU-A-2022255599
(21) 2022255599 (22) 28.03.2022
- (54) HEAT PUMP WITH RECONFIGURABLE HUMAN-MACHINE INTERFACE
- (51) Int. Cl.
E04H 4/12 (2006.01)
F24H 1/24 (2022.01)
F25B 30/00 (2006.01)
- (87) WO2022/214910
- (31) 63/173,011 (32) 09.04.21 (33) US
(43) 13.10.2022
- (72) BILLY, Steve; FAVIÉ, Louis; DELOCHE, Rémi
- (74) FB Rice Pty Ltd
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- (71) ZODIAC POOL CARE EUROPE
(11) AU-A-2022259061
- (21) 2022259061 (22) 13.04.2022
- (54) AUTOMATIC POOL CLEANERS COMPRISING UNDERWATER TIME-OF-FLIGHT SENSING SYSTEMS
- (51) Int. Cl.
E04H 4/14 (2006.01)
E04H 4/16 (2006.01)
- (87) WO2022/219571
- (31) 63/175,395 (32) 15.04.21 (33) US
(43) 20.10.2022
- (72) CHAFIK, Mehdi; NEWMAN, Phillip
- (74) FB Rice Pty Ltd
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- (71) ZTE CORPORATION
(11) AU-A-2021444749
(21) 2021444749 (22) 11.05.2021
- (54) SYSTEMS AND METHODS FOR REPORTING POWER-RELATED INFORMATION
- (51) Int. Cl.
H04W 52/36 (2009.01)
- (87) WO2022/236678
- (43) 17.11.2022
- (72) YAO, Ke; GAO, Bo; JIANG, Chuangxin; LU, Zhaohua; WU, Hao
- (74) Spruson & Ferguson

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2021249600	KIKKOMAN CORPORATION	2022213944	SHANGHAI HANSOH BIOMEDICAL CO., LTD.; JI-ANGSU HANSOH PHARMACEUTICAL GROUP CO., LTD.
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2021421870	THE SUPREME INDUSTRIES LIMITED	2022214413	4GD LIMITED
2021423224	ENATEL	2022214429	REGENXBIO INC.
2021423999	CCTEG XI'AN RESEARCH INSTITUTE (GROUP) CO., LTD	2022214435	AARDVARK THERAPEUTICS INC.
2021426491	KIMBERLY-CLARK WORLDWIDE, INC.	2022214463	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
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2021429371	ONCGNOSTICS GMBH; UNIVERSITÄTSKLINIKUM JENA	2022214686	AAK AB
2021429382	METSO OUTOTEC FINLAND OY	2022214696	SICHUAN JIUZHANG BIOLOGICAL SCIENCE AND TECHNOLOGY CO., LTD.
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2021429970	W. L. GORE & ASSOCIATES, INC.	2022215025	IDORSIA PHARMACEUTICALS LTD
2021430303	TENSAR INTERNATIONAL CORPORATION	2022215043	EXPLICIT APS
2021431664	APE8 S.R.L.	2022215115	TIGER & BEAN S.L.U.
2021431745	WM WRIGLEY JR. COMPANY	2022215147	GLASSWALL (IP) LIMITED
2021432832	NIPPON TELEGRAPH AND TELEPHONE CORPORATION	2022215614	JENIVISION INC.
2021432900	DYWIDAG-SYSTEMS INTERNATIONAL GMBH	2022215725	SHANGHAI QILU PHARMACEUTICAL RESEARCH AND DEVELOPMENT CENTRE LTD.
2021434125	HEXAWARE TECHNOLOGIES LIMITED	2022215844	LIMINAL BIOSCIENCES LIMITED
2021434528	IDORSIA PHARMACEUTICALS LTD	2022215953	OCTOPUS ENERGY HEATING LIMITED
2021435212	KOMATSU LTD.	2022216224	ZENOFF PRODUCTS, INC.
2021437358	ALKEM LABORATORIES LIMITED	2022216246	RHODX, INC.
2021439321	POPSOLAR TECHNOLOGY (TAIXING) CO., LTD	2022216290	OMEROS CORPORATION
2021441489	ELCOGEN OY	2022216314	BAYLOR COLLEGE OF MEDICINE
2021441551	OKAMOTO Toshihito	2022216344	ALEKNAVICIUS, J.
2021442131	UNICHARM CORPORATION	2022216707	WUHAN LL SCIENCE AND TECHNOLOGY DEVELOPMENT CO., LTD.
2021444494	FIRMUS METAL TECHNOLOGIES SINGAPORE PTE LTD	2022217138	HOWMEDICA OSTEONICS CORP.
2021444749	ZTE CORPORATION	2022217172	PINPOINT IDEAS, LLC
2021454419	ENVISION ENERGY CO., LTD	2022217255	WILLIAM MARSH RICE UNIVERSITY
2022209835	ESPERVITA THERAPEUTICS, INC.	2022217264	THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK
2022209965	ZELARION MALTA LIMITED	2022217309	TUOJIE BIOTECH (SHANGHAI) CO., LTD.
2022210123	SUMITOMO HEAVY INDUSTRIES, LTD.; EREX CO., LTD.	2022217353	WUHAN HUMANWELL INNOVATIVE DRUG RESEARCH AND DEVELOPMENT CENTER LIMITED COMPANY
2022210410	MEDOS INTERNATIONAL SARL	2022217425	THALES
2022210838	TYMPANY MEDICAL LIMITED	2022217784	SPORTSCASTR, INC.
2022211949	SAMSUNG ELECTRONICS CO., LTD.	2022217879	FLEXSEA LTD.
2022212000	WELLSTAT THERAPEUTICS CORPORATION	2022218113	NEUPHARMA, INC
2022212028	IVEENA DELIVERY SYSTEMS, INC.	2022218120	THE ESAB GROUP INC.
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2022212259	RADUXTION, LLC.	2022218754	AICHI CO., LTD.
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2022213525	4GD LIMITED	2022222493	GOZEN BIOWORKS CORP.
2022213527	ARQIT LIMITED	2022222494	GOZEN BIOWORKS CORP.
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2022213529	ARQIT LIMITED	2022222756	BEREN THERAPEUTICS P.B.C.
2022213682	CGENETECH (SUZHOU, CHINA) CO., LTD	2022222761	WASHINGTON STATE UNIVERSITY; DILLBERGER, J.E.
2022213825	JANSSEN BIOTECH, INC.		

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202222789	STEBEN FOODS, INC.	2022228407	QINGDAO HAIER REFRIGERATOR CO., LTD; HAIER SMART HOME CO., LTD.
202222811	I-V ACCESS TECHNOLOGY, INC.	2022228423	PUREWICK CORPORATION
202222830	ALAUDA AERONAUTICS PTY LTD	2022228435	NEW YORK SOCIETY FOR THE RELIEF OF THE RUPTURED AND CRIPPLED, MAINTAINING THE HOSPITAL FOR SPECIAL SURGERY
2022223353	SEABERY SOLUCIONES, S.L.	2022228444	PFS GENOMICS, INC.
2022223385	CAREFUSION 303, INC.	2022228455	PLANTED SOLAR, INC.
2022223654	DINAQOR AG	2022228458	THE JOHNS HOPKINS UNIVERSITY
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2022225191	CAREFUSION 303, INC.	2022229622	SAMSUNG ELECTRONICS CO., LTD.
2022225282	KYOCERA CORPORATION	2022229685	CHESTER BROWN INDUSTRIES PTY LTD
2022225377	HUAWEI TECHNOLOGIES CO., LTD.	2022229773	UNIVERSITAT POMPEU FABRA
2022225629	UPFIELD EUROPE B.V.	2022229784	DEWPOINT THERAPEUTICS, INC.
2022225651	SANDVIK MINING AND CONSTRUCTION OY; SAND- VIK MINING AND CONSTRUCTION AUSTRALIA (PRODUCTION/SUPPLY) PTY LTD	2022229921	NEW YORK UNIVERSITY
2022226072	WEATHERFORD TECHNOLOGY HOLDINGS, LLC	2022229923	SMART SODA HOLDINGS, INC.
2022226103	CORNELL UNIVERSITY	2022230017	SHARK WHEEL, INC.
2022226157	KARUNA THERAPEUTICS, INC.	2022230128	VÄLINGE INNOVATION AB
2022226174	SRI SATYA ACQUISITIONS LLC	2022230200	PHILIP MORRIS PRODUCTS S.A.
2022226316	LANDSCAN LLC	2022230221	AIROFIT A/S
2022226382	GSK CONSUMER HEALTHCARE SARL	2022230362	EDWARDS LIFESCIENCES CORPORATION
2022226387	PAUL MARIENFELD GMBH & CO. KG	2022230418	ALIFE HEALTH INC.
2022226422	SECURECELL AG	2022230477	MOBII SYSTEMS (PTY) LTD
2022226436	SYSTEMES ET TECHNOLOGIES IDENTIFICATION (STID)	2022230656	NOVOPRESS GMBH PRESSEN UND PRESS- WERKZEUGE & CO. KG
2022226478	AGENCY FOR SCIENCE, TECHNOLOGY AND RE- SEARCH (A*STAR)	2022230717	MORPHOSYS AG
2022226581	WESTINGHOUSE ELECTRIC COMPANY LLC	2022230739	DEUTSCHES KREBSFORSCHUNGSZENTRUM STIF- TUNG DES ÖFFENTLICHEN RECHTS
2022226648	OHMIQ, INC.	2022230895	SAMSUNG ELECTRONICS CO., LTD.
2022226825	ELIPS DIAGNOSTICS INC.	2022230950	ACUITIVE TECHNOLOGIES, INC.
2022226852	UNIVERSITY OF TASMANIA	2022230961	THE REGENTS OF THE UNIVERSITY OF MICHIGAN; TOMA, F.M.; OGITSU, T.; PHAM, T.A.; ZENG, G.
2022226943	INFOCYTE, INC.	2022230995	SANA BIOTECHNOLOGY, INC.
2022226958	MILK CARE CO., INC.	2022230996	AGEX THERAPEUTICS, INC.
2022226965	STRYKER CORPORATION	2022231003	ALNYLAM PHARMACEUTICALS, INC.
2022226969	BLUEHALO LLC	2022231055	GUARDANT HEALTH, INC.
2022226998	UBICQUIA, INC.	2022231134	STROYER, B.G.
2022227005	LOGICBIO THERAPEUTICS, INC.	2022231136	ARRMAZ PRODUCTS INC.
2022227047	ELUMINEX BIOSCIENCES (SUZHOU) LIMITED	2022231145	LUNG BIOTECHNOLOGY PBC
2022227085	ALANOS THERAPEUTICS, INC.	2022231171	MOTIF FOODWORKS, INC.
2022227442	WHITewater WEST INDUSTRIES, LTD.	2022231374	BASF SE
2022227480	SILLAJEN, INC.	2022231384	ARES TRADING S.A.
2022227485	COÖPERATIE KONINKLIJKE AVEBE U.A.	2022231411	BAE SYSTEMS PLC
2022227585	NORTHWESTERN UNIVERSITY	2022231625	HUSQVARNA AB
2022227588	HERCULES LLC	2022231638	DIALIGHT CORPORATION
2022227642	SOTER BIOPHARMA PTE. LTD.	2022231877	LINDE GMBH
2022227724	HUAWEI TECHNOLOGIES CO., LTD.	2022231886	BAUSCH + LOMB IRELAND LIMITED
2022227739	LEO CANCER CARE, INC.	2022231891	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
2022227850	YONCE, D.; KOELLER, G.	2022231909	PAOLI, A.; CANTINI, F.
2022227852	CONTAMINATION SOURCE IDENTIFICATION LLC	2022231927	MONCLER S.P.A.
2022227854	ELABORATION, INC.	2022231940	BRAINAIX SWISS AG
2022227939	RUAG AMMOTEC AG	2022232268	OTSUBO, H.
2022227940	RUAG AMMOTEC AG	2022232308	SWIMC LLC
2022228327	TRUSTEES OF TUFTS COLLEGE; DTAMEDICAL	2022232358	410 MEDICAL, INC.
2022228361	LINWOOD RESOURCES, LLC	2022232424	GREENIRON H2 AB
2022228364	FACTOR BIOSCIENCE INC.	2022232460	BRISTOL-MYERS SQUIBB COMPANY
		2022232600	ILLUMINA, INC.
		2022232653	MBI PRODUITS DE FORAGE INC.

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

2022232725	FS-INSULATION B.V.	2022244207	ANDRITZ OY
2022232893	ILLUMINA, INC.	2022244229	JUNO THERAPEUTICS, INC.
2022233030	NICOVENTURES TRADING LIMITED	2022245134	SYNGENTA CROP PROTECTION AG
2022233031	MMD GROUP LIMITED	2022245240	NXSTAGE MEDICAL, INC.
2022233347	MARTIN, C.N.	2022245300	1232176 B.C. LTD
2022233411	AKESO BIOPHARMA, INC.	2022246041	MICROWAVE SOLUTIONS GMBH
2022233417	NATIONAL OILWELL VARCO DENMARK I/S	2022246100	ELECTRASTEEL, INC.
2022233430	DOLBY LABORATORIES LICENSING CORPORATION; DOLBY INTERNATIONAL AB	2022246160	UNIVERSITY OF MARYLAND, COLLEGE PARK
2022233436	CRICUT, INC.	2022246174	IOVANCE BIOTHERAPEUTICS, INC.
2022233440	INTERDIGITAL PATENT HOLDINGS, INC.	2022246246	THE PROCTER & GAMBLE COMPANY
2022233463	SURGIBOX INC.	2022246247	THE PROCTER & GAMBLE COMPANY
2022233502	TEKNOLOGIAN TUTKIMUSKESKUS VTT OY	2022246569	ILLUMINA, INC.
2022233551	ROCKATEK LIMITED	2022246900	GENENTECH, INC.
2022233568	AMBER THERAPEUTICS LTD	2022247189	UNIVERSITY COLLEGE CARDIFF CONSULTANTS LIMITED
2022233675	GIESECKE+DEVRIENT CURRENCY TECHNOLOGY GMBH	2022247649	KOMATSU LTD.
2022233857	MABYLON AG; UNIVERSITY OF ZURICH	2022248060	KOMATSU LTD.
2022233951	BAUSCH + LOMB IRELAND LIMITED	2022249269	CELANESE EVA PERFORMANCE POLYMERS LLC
2022234069	KAWASAKI JUKOGYO KABUSHIKI KAISHA	2022249407	WEATHERFORD TECHNOLOGY HOLDINGS, LLC
2022234226	ELI LILLY AND COMPANY	2022249605	F. HOFFMANN-LA ROCHE AG
2022234325	ARBOR BIOTECHNOLOGIES, INC.	2022249780	TORAY INDUSTRIES, INC.
2022234327	ALAKAI TECHNOLOGIES CORPORATION	2022251107	IHI CORPORATION
2022234361	SCHLUMBERGER TECHNOLOGY B.V.	2022251503	SHUJING BIOPHARMA CO., LTD; JIANGSU NHWA PHARMACEUTICAL CO., LTD
2022234372	THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY	2022252071	PEAK INNOVATIONS INC.
2022234434	AMYDIS, INC.	2022252122	NORTHROP GRUMMAN SYSTEMS CORPORATION
2022234679	ENSYSCE BIOSCIENCES INC.	2022252234	STROYER, B.G.
2022234741	ILLUMINA, INC.; ILLUMINA CAMBRIDGE LIMITED	2022252276	KOMATSU LTD.
2022234744	ELI LILLY AND COMPANY	2022252295	CAREFUSION 303, INC.
2022234748	LYRA THERAPEUTICS, INC.	2022252302	ILLUMINA, INC.
2022234760	ARBOR BIOTECHNOLOGIES, INC.	2022252441	IHI CORPORATION
2022234795	COLGATE-PALMOLIVE COMPANY	2022253461	GEORGIA TECH RESEARCH CORPORATION
2022234837	KNORR-BREMSE GESELLSCHAFT MIT BESCHRÄNKTER HAFTUNG	2022254017	ALCON INC.
2022235174	E2METRIX, INC.	2022254042	MYTHIC THERAPEUTICS, INC.
2022235192	BAUSCH + LOMB IRELAND LIMITED	2022255599	ZODIAC POOL CARE EUROPE
2022235203	GROUPE SAVE	2022256300	INTERNATIONAL BETTERY METALS, LTD.
2022235282	LYTICA THERAPEUTICS, INC.	2022256582	ENERGENESIS BIOMEDICAL CO., LTD.
2022235283	KENALL MANUFACTURING COMPANY	2022256917	HITACHI CONSTRUCTION MACHINERY CO., LTD.
2022235412	DEUTSCHES KREBSFORSCHUNGSZENTRUM	2022257182	STIESDAL OFFSHORE A/S
2022235425	HYPRED	2022257959	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
2022235428	MMD GROUP LIMITED	2022258273	AKESO BIOPHARMA, INC; AKESO PHARMACEUTICALS, INC.
2022236290	ELECTRO NAUTIC PTY LTD	2022258459	DICERNA PHARMACEUTICALS, INC.
2022236476	UCB BIOPHARMA SRL	2022259061	ZODIAC POOL CARE EUROPE
2022237214	VÄLINGE INNOVATION AB	2022260639	GYROPLANT LIMITED
2022237524	NXSTAGE MEDICAL, INC.	2022261762	SAMSUNG ELECTRONICS CO., LTD.
2022237647	EVOQUA WATER TECHNOLOGIES LLC	2022262250	OMYA INTERNATIONAL AG
2022237791	SEAGEN INC.	2022262341	REPLICATE BIOSCIENCE, INC.
2022238001	PFIZER INC.	2022265323	BOEHRINGER INGELHEIM INTERNATIONAL GMBH
2022238386	PFIZER, INC.; OPKO BIOLOGICS LTD.	2022265695	BOSTON SCIENTIFIC SCIMED, INC.
2022238571	SEAGEN INC.	2022267319	PARALLEL SYSTEMS, INC.
2022238886	TANGO THERAPEUTICS, INC.; MEDIVIR	2022269799	BOEHRINGER INGELHEIM INTERNATIONAL GMBH
2022239353	NXSTAGE MEDICAL, INC.	2022270356	CITRYLL B.V.
2022239744	MONCLER S.P.A.	2022270565	CONMED CORPORATION
2022240102	LIONS EYE INSTITUTE LIMITED	2022270588	BREX INC.
2022241762	ALKERMES, INC.	2022273169	TRACK MACHINES CONNECTED GESELLSCHAFT M.B.H.
2022241926	SANDVIK MINING AND CONSTRUCTION OY; SANDVIK MINING AND CONSTRUCTION TOOLS AB	2022278073	HUBEI SAILUO BIOLOGICAL MATERIAL CO., LTD
2022241961	AMGEN INC.	2022280839	ABBISKO THERAPEUTICS CO., LTD.
2022242000	REGENERON PHARMACEUTICALS, INC.; SANOFI BIOTECHNOLOGY	2022281474	GENESISCARE VENTURES PTY LTD
2022242033	FREEZIO AG	2022281746	SUZHOU ABOGEN BIOSCIENCES CO., LTD.
2022242653	COLGATE-PALMOLIVE COMPANY	2022304868	PHILIP MORRIS PRODUCTS S.A.
2022242802	EDWARDS LIFESCIENCES CORPORATION	2022315107	LG ENERGY SOLUTION, LTD.
2022242822	LUMITEX, INC.	2022354782	TYR TACTICAL, LLC
2022242856	AUDOO LIMITED	2022362215	CCTEG CHINESE INSTITUTE OF COAL SCIENCE
2022243002	THE PROCTER & GAMBLE COMPANY	2022368366	SANY MARINE HEAVY INDUSTRY CO., LTD.
2022243973	SZEKERES, T.; JÄGER, W.	2022398781	LG ENERGY SOLUTION, LTD.
2022244044	BAYER AKTIENGESELLSCHAFT	2022403964	CIRRUS REHOS RENEWABLE POWER AND WATER (PTY) LTD
2022244116	T.J.SMITH AND NEPHEW, LIMITED	2022421902	LG ENERGY SOLUTION, LTD.
2022244205	NOKIA TECHNOLOGIES OY	2022429676	HOLLISTER INCORPORATED
		2022430003	GUANGZHOU HENOVCOM BIOSCIENCE CO., LTD.

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

2022430004 CHINA INSTITUTE OF BUILDING STANDARD
DESIGN & RESEARCH; BEIJING GUOJIANBIAO EN-
GINEERING EQUIPMENT TECHNOLOGY CO., LTD

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

<u>A61K 39/-</u>	<u>A61L 2/-</u>	<u>A61P 1/-</u>	2022214491	<u>B01D 15/-</u>	<u>B25B 27/-</u>
2022209965	2022235283	2022214435	2022215025	2022256300	2022230656
2022213944		2022214696	2022215725		
2022216290	<u>A61L 27/-</u>	2022258459	2022215844	<u>B01D 25/-</u>	<u>B25J 15/-</u>
2022220314			2022217309	2022237647	2022229685
2022222690	2022229090	<u>A61P 11/-</u>	2022217353		
2022225026			2022222690		
2022227047	<u>A61L 31/-</u>	2021434528	2022225026	<u>B01D 5/-</u>	<u>B26D 1/-</u>
2022227085		2021437358	2022227047	2022403964	2022213174
2022230717	2021429970	2022216290	2022227480		
2022230739	2022278073		2022227642	<u>B01F 21/-</u>	<u>B26D 7/-</u>
2022233411	<u>A61L 9/-</u>	<u>A61P 13/-</u>	2022228364	2022237524	2022213174
2022236476			2022229921		
2022242000	2022235283	2022209835	2022230739	<u>B01J 19/-</u>	<u>B29C 33/-</u>
2022270356		2022216707	2022232460	202224629	2022212968
	<u>A61M 1/-</u>	<u>A61P 17/-</u>	2022233411	2022232893	
<u>A61K 45/-</u>			2022235412	2022235174	<u>B29C 44/-</u>
	2022222326	2021431745	2022237791		
2022218113	2022223654	2022256582	2022238001		
2022234679	2022237524		2022238571	<u>B01J 20/-</u>	2022212968
2022235282	2022239353	<u>A61P 25/-</u>	2022238886		
	2022244116		2022241762		
<u>A61K 47/-</u>	2022245240	2022212277	2022242000	2022229382	<u>B29C 55/-</u>
	2022270565	2022215018	2022280839		
2021437358		2022215844	<u>A61P 37/-</u>	<u>B01L 3/-</u>	2021421870
2022212000	<u>A61M 13/-</u>	2022216707		2022226387	2021430303
2022212277		2022217264	2022209965		
2022212854	2022270565	2022218962	2022213944	<u>B03C 1/-</u>	<u>B29C 64/-</u>
2022213825		2022229090	2022215844		
2022213944	<u>A61M 15/-</u>	2022233857	2022230717	2022231374	2022231145
2022229090		2022234226	2022230995		
2022229367	2022245300	2022234744	2022280839	<u>B05B 11/-</u>	<u>B29D 28/-</u>
2022234679		2022251503		2021426491	2021430303
2022235192	<u>A61M 25/-</u>	<u>A61P 27/-</u>	<u>A61P 9/-</u>		
2022235282				<u>B05C 17/-</u>	<u>B29D 7/-</u>
2022237791	2022212203	2022212028	2022229367		
2022238571	2022222326	2022227047	2022230995	2022232308	2021430303
2022246246	2022222811	<u>A61P 29/-</u>	<u>A61Q 11/-</u>		
2022254042	2022223654			<u>B09B 5/-</u>	<u>B29K 23/-</u>
2022281746	2022224442	2022215025	2022243002	2022210123	2022212968
	2022249269	2022270356	2022246247		
<u>A61K 51/-</u>	<u>A61M 31/-</u>	<u>A61P 3/-</u>	<u>A62C 3/-</u>	<u>B21D 39/-</u>	<u>B29L 31/-</u>
				2022230656	2022212968
2022213825	2022234748	2022231003	2022421902		
	<u>A61M 39/-</u>	2022256582	<u>A62C 35/-</u>	<u>B23K 20/-</u>	<u>B32B 23/-</u>
<u>A61K 8/-</u>		2022280839		2022229036	202222494
	2022225189	<u>A61P 31/-</u>	2022235203		
2022243002	2022225191		<u>A62C 37/-</u>	<u>B23K 26/-</u>	<u>B32B 27/-</u>
2022246247		2022215844		2022233436	2022229622
	<u>A61M 5/-</u>	2022216290	2022421902		
<u>A61K 9/-</u>		202224397	<u>A63B 21/-</u>	<u>B23K 37/-</u>	<u>B32B 3/-</u>
	2022225189	2022228701		2022233436	2021430303
2021429970	2022232358	2022235282	2022231940		
2021437358	2022241961	2022243973	<u>A63B 22/-</u>	<u>B23Q 7/-</u>	<u>B32B 33/-</u>
2022212000	2022252295	2022265323		2022229685	202222493
2022212028	<u>A61N 1/-</u>	<u>A61P 33/-</u>	<u>A63B 23/-</u>		
2022214429				<u>B24D 18/-</u>	<u>B32B 5/-</u>
2022215614	2022221742	2022212469	2022231940	2022231625	2021430303
2022218113	2022233568		<u>A63B 22/-</u>		202222493
2022218962	2022249269	<u>A61P 35/-</u>		<u>B24D 7/-</u>	<u>B32B 7/-</u>
2022226157			2022230221		
2022229090	<u>A61N 5/-</u>	2022212854	<u>A63G 31/-</u>	2022231625	2022229622
2022229367		2022213682			
2022235192	2022226581	2022213825			
2022235282	2022227739	2022213944			
2022236476	2022281474	2022214080			
2022245300		2022214463			
2022246246					
2022281746					

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

B33Y 80 /-	B64D 27 /-	B67D 3 /-		2022246900	2022230739
2022236476	2022234327	2021426491	C07D 295 /-		2022233411
		2022242033	2022281746	C07D 491 /-	2022233857
B60B 15 /-	B64D 41 /-			2022212854	2022241762
2022230017	2022234327	B82Y 30 /-	C07D 313 /-	2022215844	2022242000
		2022232893	2022214463	2022217264	2022254042
B60B 19 /-	B65B 25 /-		2022227642	2022217309	2022258273
2022230017	2022239744	C01B 3 /-		2022227642	2022269799
		2022234327	C07D 319 /-	2022251503	2022270356
B60R 25 /-	B65D 19 /-		2022215844	2022265323	C07K 19 /-
2022217172	2022223670	C02F 1 /-		C07D 493 /-	2022220832
		2022235174	C07D 401 /-	2022251503	2022238386
B60W 50 /-	B65D 25 /-	2022239353	2022215725	C07D 495 /-	2022258273
2022256917	2022223670		2022215844		C07K 5 /-
	2022234795	C05G 5 /-	2022217309	2022251503	2021434528
B61H 7 /-		2022231136	2022244044	2022265323	
2022234837	B65D 35 /-		2022265323	C07D 498 /-	C07K 7 /-
	2022242653	C07C 15 /-			2022224397
B61L 25 /-		2022234434	C07D 403 /-	2021434528	2022227585
2022273169	B65D 41 /-		2022215725	2022217309	
	2022242653	C07C 211 /-	2022244044	C07D 519 /-	C08B 37 /-
B61L 27 /-	B65D 47 /-	2022281746		2022217353	2022217879
2022267319		C07C 217 /-	2022215844	C07F 9 /-	C08F 220 /-
2022273169	2022226382	2022281746	2022265323		2022232893
	2022234795	C07C 219 /-		2022281746	C08F 8 /-
B61L 3 /-	B65D 6 /-	2022281746	C07D 407 /-	C07H 1 /-	2022232893
2022267319		C07C 229 /-	2022215844	2022430003	
B63B 1 /-	B65D 65 /-	2022281746	C07D 409 /-	C07H 19 /-	C08G 75 /-
2022236290		C07C 233 /-	2022215844	2022430003	2022249780
	2022242653	2022281746	C07D 413 /-	C07K 1 /-	
B63B 32 /-	B65D 83 /-		2022215844	2022235282	C08J 3 /-
2022212968	2022218658	C07C 235 /-	2022244044	2022249605	2022249780
B63B 35 /-		2022281746	2022280839	C07K 14 /-	C08K 3 /-
2022257182	B65D 85 /-		C07D 417 /-		2022228637
	2022242033	C07C 237 /-	2022215025	2022220832	C08K 5 /-
B63G 1 /-		2022281746	2022215844	2022222761	
2022228605	B65G 41 /-		2022280839	2022227085	2022231136
	2022233031	C07C 255 /-		2022227480	2022249780
B63H 21 /-	2022235428	2022234434	C07D 453 /-	2022229921	C08L 1 /-
2022236290			2022217353	2022230739	
B64C 27 /-	B65G 43 /-	C07C 271 /-	C07D 471 /-	2022234372	2022222494
2022234327	2022233031	2022281746		2022235282	2022228637
	2022235428		2022213682	2022235412	C08L 23 /-
B64C 29 /-	B66C 1 /-	C07D 207 /-	2022215018	2022238386	
2022222830		2022244044	2022217353	2022244229	2022249780
	2022229685	2022246900	2022238001	2022247189	
B64C 39 /-	B66F 3 /-	2022281746	C07D 473 /-	2022262341	C08L 5 /-
2022215043		C07D 211 /-		C07K 16 /-	2022217879
2022226998	2022229685	2022246900	2022238886	2022209965	2022231136
2022234327		2022281746		2022213944	
B64D 1 /-	B67D 1 /-		C07D 487 /-	2022214491	C08L 81 /-
2022226998	2022229923	2022281746		2022216290	
	2022242033	C07D 213 /-	2022216707	2022220314	2022249780
			2022217309	2022222690	
			2022226852	2022225026	C08L 99 /-
			2022232460	2022227047	
			2022238001	2022230717	2022217879

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

C09D 101 /-	2022231891 2022232725	2022220330 2022222761 20222226103	E05C 9 /-	E04B 1 /-	E21B 23 /-
2022227588	C12N 13 /-	2022226478 2022228444 2022228458	2022231927	2022225059 2022232725	2022226072
C09D 133 /-	2022225059	2022230996 2022232600 2022232893	D06M 15 /-	E04B 2 /-	E21B 33 /-
2022227588	C12N 15 /-	2022244229 2022246569 2022252302	2022222493	2022232725	2022219244
C09D 149 /-	2022212277 2022214429 2022216246 2022225026	D06M 16 /-	2022222493	E04B 5 /-	E21B 4 /-
2022232893	C12N 15 /-	2022252302	D06M 3 /-	2022232725	2022241926
C09D 5 /-	2022227005 2022227085 2022227480 2022228364	C21B 13 /-	2022222493 2022222494	2022232725	E21B 41 /-
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A61K 31/41 (2006.01)
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A61K 31/4439 (2006.01)
A61K 31/496 (2006.01)
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A61P 3/10 (2006.01)
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B25B 1/00 (2006.01)
F04C 2/00 (2006.01)
F04D 29/42 (2006.01)
F16K 1/00 (2006.01)
F16K 3/02 (2006.01)
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B29B 11/08 (2006.01)
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B64C 27/08 (2006.01)
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C02F 9/00 (2006.01)
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A47L 15/42 (2006.01)
C02F 1/00 (2006.01)
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F21W 131/103 (2006.01)
F21Y 105/10 (2016.01)
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H04N 19/119 (2014.01)
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C07D 239/54 (2006.01)
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B65B 13/22 (2006.01)
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C08J 5/18 (2006.01)
B29B 17/04 (2006.01)
B29C 48/08 (2019.01)
C08G 63/181 (2006.01)
C08L 67/02 (2006.01)
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B25F 5/02 (2006.01)
B23Q 17/00 (2006.01)
B25B 23/00 (2006.01)
B25F 3/00 (2006.01)
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E05C 17/04 (2006.01)
E05D 5/04 (2006.01)
E05D 11/00 (2006.01)
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A23C 9/00 (2006.01)
A23C 9/154 (2006.01)
A23J 1/20 (2006.01)
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H02S 20/23 (2014.01)
F24S 25/00 (2018.01)
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(54) Data breach score and method
(51) Int. Cl.
G06F 21/62 (2013.01)
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C07C 273/04 (2006.01)
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A61B 17/072 (2006.01)
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G06V 10/82 (2022.01)
A01B 69/00 (2006.01)
A01M 7/00 (2006.01)
G06T 7/246 (2017.01)
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C10L 5/40 (2006.01)
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C07F 9/09 (2006.01)
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 (54) Gate Wheel
 (51) Int. Cl.
E05F 7/06 (2006.01)
B60B 3/00 (2006.01)
B60B 3/08 (2006.01)
E04H 17/00 (2006.01)
E04H 17/16 (2006.01)
E06B 11/00 (2006.01)
E06B 11/02 (2006.01)
E06B 11/04 (2006.01)
 (43) 31.08.2023
 (44) 14.09.2023
 (62) 2021390922
 (72) EARL, Nathan Phillip
 (74) Armour IP

(71) Weber-Stephen Products LLC
 (11) AU-B-2020421502
 (21) 2020421502 (22) 25.09.2020
 (54) Portable grills
 (51) Int. Cl.
A47J 37/07 (2006.01)
 (87) WO2021/141641
 (31) 62/959,520 (32) 10.01.20 (33) US
 63/048,457 06.07.20 US
 17/025,360 18.09.20 US
 (43) 15.07.2021
 (44) 14.09.2023
 (72) HUNT, Paul R.; POLACZEK, Karol; POLACZEK JR., Karol; LATOCHA, Jerzy; CRULL, Jeffrey L.; LIVINGSTON-JHA, Simon; MATHIAS, William R.; SPARKS, Evan; KRAMKA, Joel; CARUTHERS, Montel; HILLSTROM, Henry M.
 (74) WRAYS PTY LTD

(71) WHITEHEAD, K.G.
 (11) AU-B-2022222913
 (21) 2022222913 (22) 28.01.2022
 (54) AMMUNITION DECAPPING APPARATUS
 (51) Int. Cl.
F42B 33/04 (2006.01)
F42B 33/00 (2006.01)
F42B 33/10 (2006.01)
 (87) WO2022/174281
 (31) 2021900402 (32) 17.02.21 (33) AU
 (43) 25.08.2022
 (44) 14.09.2023
 (72) WHITEHEAD, Kevin Gerald
 (74) Patenteur Pty Ltd

(71) Wing Aviation LLC
 (11) AU-B-2020241281
 (21) 2020241281 (22) 29.01.2020
 (54) Detecting impending motor failure using audio data
 (51) Int. Cl.
B64D 45/00 (2006.01)
B64C 39/02 (2006.01)
B64D 27/24 (2006.01)
 (87) WO2020/190382

(31) 16/358,555 (32) 19.03.19 (33) US
 (43) 24.09.2020
 (44) 14.09.2023
 (72) NIELSEN, Christian
 (74) Spruson & Ferguson

(71) Wing Aviation LLC
 (11) AU-B-2022202874
 (21) 2022202874 (22) 29.04.2022
 (54) Perforated capsule hook for stable high speed retract
 (51) Int. Cl.
B64D 1/22 (2006.01)
B64C 39/02 (2006.01)
B64D 1/10 (2006.01)
B64D 1/12 (2006.01)
B66C 1/34 (2006.01)
G06Q 10/08 (2012.01)
 (43) 26.05.2022
 (44) 14.09.2023
 (62) 2019256303
 (72) PRAGER, Andre
 (74) Spruson & Ferguson

(71) WP Company LLC
 (11) AU-B-2017330446
 (21) 2017330446 (22) 25.09.2017
 (54) Method and system for delivering real-time content
 (51) Int. Cl.
G06F 3/14 (2006.01)
G06Q 30/00 (2023.01)
 (87) WO2018/058040
 (31) 62/400,056 (32) 26.09.16 (33) US
 (43) 29.03.2018
 (44) 14.09.2023
 (72) Lin, Hongliang Eric; Dicker, Jarrod
 (74) AJ PARK

(71) Yunnan Huading Regenerated Resources Development Co., Ltd
 (11) AU-B-2021232689
 (21) 2021232689 (22) 14.09.2021
 (54) METHOD FOR TREATING LEAD SLAG WITH ROTARY HEARTH FURNACE
 (51) Int. Cl.
C22B 5/18 (2006.01)
C22B 1/243 (2006.01)
C22B 5/10 (2006.01)
C22B 5/12 (2006.01)
C22B 7/04 (2006.01)
F27B 9/16 (2006.01)
 (31) CN (32) 20.11.20 (33) CN
 202011307221.5
 (43) 09.06.2022
 (44) 14.09.2023
 (72) Zhang, Zhian; Shen, Pengjun; Yu, Xi-ang; Wu, Shaoxiang; Wang, Mingqiang
 (74) Ellis Terry

(71) Zoetis Services LLC
 (11) AU-B-2019336663
 (21) 2019336663 (22) 03.09.2019
 (54) Palatable antiparasitic formulations
 (51) Int. Cl.
A61K 9/20 (2006.01)

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- A61K 31/365** (2006.01)
- A61K 31/4155** (2006.01)
- A61K 31/506** (2006.01)
- A61K 31/7048** (2006.01)
- (87)** WO2020/051106
- (31)** 62/727,018 **(32)** 05.09.18 **(33)** US
- (43)** 12.03.2020
- (44)** 14.09.2023
- (72)** KOLHE, Sachin Pundlik; THAKUR,
Supriya Gautam
- (74)** Davies Collison Cave Pty Ltd

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2016340989	Pfizer Inc.; The Regents of the University of California; The Board of Trustees of the Leland Stanford Junior University	2018250718	Freudenberg Medical, LLC
2016375880	Sapporo Medical University; Nipro Corporation	2018254179	Kuhn S.A.
2016417658	All Day Designs Ltd	2018257495	Ovala, Inc.
2017225002	Marley New Zealand Limited	2018262630	Abiomed Europe GmbH
2017260260	University of Pittsburgh -of the Commonwealth System of Higher Education	2018273787	Ansell Limited
2017261604	Rehrig Pacific Company	2018275525	Ohio University
2017267726	Genentech, Inc.; University of Kansas	2018286965	Subcoal International B.V.
2017269418	The Regents of The University of California	2018297195	Anderson, M.D., C.
2017286477	DNA Script; Institut Pasteur; Centre national de la recherche scientifique	2018306306	Magnomer LLC
2017302542	GreenVenus, LLC	2018310012	Suntory Holdings Limited
2017313150	Regeneron Pharmaceuticals, Inc.	2018312113	U.S. Patent Innovations LLC
2017313718	Pacific Biosciences of California, Inc.	2018313280	Motive Drilling Technologies, Inc.
2017314754	Delaval Holding AB	2018317486	Caroma Industries Limited
2017319231	Dr Weller Limited	2018318130	Standard Bariatrics, Inc.
2017322422	The Coca-Cola Company	2018320865	The General Hospital Corporation
2017327304	Nippon Chemiphar Co., Ltd.	2018322484	Leica Biosystems Melbourne Pty Ltd
2017327994	UCL Business Ltd	2018328819	Life Technologies Corporation
2017328950	ArcherDX, LLC	2018329038	O-Net Technologies (Shenzhen) Group Co., Ltd.; ITF Technologies Inc.
2017328953	ArcherDX, LLC	2018333954	Sen-Jam Pharmaceutical LLC
2017329044	The Trustees of the University of Pennsylvania; The Wistar Institute of Anatomy and Biology; Inovio Pharmaceuticals, Inc.	2018344229	Linde Aktiengesellschaft
2017330446	WP Company LLC	2018347551	Nutrition & Biosciences USA 4, Inc.
2017332967	Style Dots LLC	2018351494	Eagle Research Labs Limited
2017338714	Syngenta Participations AG	2018351874	Petróleo Brasileiro S. A. - Petrobras; Universidade Federal Do Rio De Janeiro-UFRJ
2017342257	Knappco Corporation	2018352359	Evoqua Water Technologies LLC; Evoqua Water Technologies Ltd
2017346946	Veryaskin, A.; The University of Western Australia	2018359484	Everris International B.V.
2017357962	L.B. Foster Rail Technologies Canada Ltd.	2018363696	Bayer Animal Health GmbH; The Kitasato Institute
2017363147	BioJiva LLC	2018364110	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
2017363489	The Toro Company	2018365241	Dermavant Sciences GmbH
2017366811	Caterpillar Trimble Control Technologies LLC	2018372226	Sumitomo Metal Mining Co., Ltd.
2017367700	Valerio, T.	2018378356	Cybele Microbiome, Inc.
2017373391	Survitec Group Limited	2018392761	Galderma Research & Development
2017375687	Qingdao Primedecine Pharmaceutical Co., Ltd.	2018395525	Cerus Corporation
2017380109	Etablissement Français du Sang; Centre National de la Recherche Scientifique; Universite Paul Sabatier Toulouse III; Institut National de la Sante et de la Recherche Medicale (INSERM)	2019200763	ULMA packaging, S.COOP.
2017380488	Novozymes A/S	2019216757	The Johns Hopkins University; Institute of Organic Chemistry and Biochemistry AS CR v.v.i.
2017383096	RMD Innovations Pty. Ltd.	2019222898	FTC Solar, Inc.
2017409019	Sands Innovations Ltd	20192226183	IHS Global Design Pty Ltd
2017417888	N.V. Nutricia	2019229258	Artax Biopharma Inc.
2017419296	Hangzhou Great Star Industrial Co., Ltd.; Hangzhou Great Star Tools Co., Ltd.	2019239194	Eli Lilly and Company
2017425656	Halliburton Energy Services, Inc.	2019240757	Solpod Pty Ltd
2017432177	C.R. Bard, Inc.	2019247891	BJV Research, s. r. o.
2017440405	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2019252658	Krystal Biotech, Inc.
2018202060	Caterpillar Inc.	2019255296	John Mezzalingua Associates, LLC
2018203191	Howmedica Osteonics Corp.	2019263150	Paragon 28, Inc.
2018205259	Avidity Biosciences, Inc.	2019264822	Schreder S.A.
2018217137	Edgewell Personal Care Brands, LLC	2019276881	InterDigital VC Holdings, Inc.
2018221881	Botanix Pharmaceuticals Ltd; Botanix Pharmaceuticals, Inc.	2019300262	BD Kiestra B.V.
2018224367	Pipe Transformations Limited	2019321023	CP Kelco ApS
2018226879	Inspirna, Inc.	2019336663	Zoetis Services LLC
2018228288	Bailey Metal Products Limited	2019351004	The Regents of the University of Michigan; The United States of America as Represented by The Department of Veteran Affairs
2018231150	Exactech, Inc.	2019357615	Tesla, Inc.
2018232662	Pitengo GmbH	2019380538	AerBetic, Inc.
2018237303	ISP Investments LLC	2019454816	Google LLC
2018241069	Integra LifeSciences Switzerland Sarl	2019476660	ExxonMobil Technology and Engineering Company; FuelCell Energy, Inc.
2018246296	The Calligraphy Cut Company GmbH	2019477919	Shenzhen Shokz Co., Ltd.
2018249686	SCANDINAVIAN WATER TECHNOLOGY AB	2020203842	PakPot Pty Ltd
2018250667	Cryovac, LLC	2020205261	Epizyme, Inc.
		2020211907	Caterpillar Inc.
		2020229265	Daewoong Pharmaceutical Co., Ltd.
		2020229608	LG Electronics, Inc.
		2020230271	implantcast GmbH

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2020230285	SHANGHAI KAIBAO PHARMACEUTICAL CO., LTD.	2021204738	Face International Corporation
2020233746	Supernus Pharmaceuticals, Inc.	2021205025	Great Plains Manufacturing, Inc.
2020234694	Alfa Laval Copenhagen A/S	2021209279	Vistagen Therapeutics, Inc.
2020234929	Gilead Sciences, Inc.	2021211996	Lockheed Martin Corporation
2020236490	Nicoventures Trading Limited	2021212003	Auckland UniServices Limited
2020239715	University of North Texas Health Science Center at Fort Worth	2021212034	OGAB Limited
2020241281	Wing Aviation LLC	2021212124	Genentech, Inc.
2020242898	Viega Technology GmbH & Co. KG	2021215125	Sontiq, Inc.
2020245199	ReCarbon, Inc.	2021215177	Navitor Pharmaceuticals, Inc.
2020248738	ServiceNow, Inc.	2021215216	Boston Scientific Medical Device Limited
2020253440	The Gillette Company LLC	2021215370	Hybrid Vision Limited
2020253607	FMC Technologies, Inc.	2021218226	Plastipak Packaging, Inc.
2020270081	Boston Scientific Scimed, Inc.	2021229127	FUJIFILM Corporation; OSAKA UNIVERSITY
2020270353	Signode Industrial Group LLC	2021232588	Baker Hughes Oilfield Operations LLC
2020272040	The Regents of the University of Colorado, a Body Corporate	2021232689	Yunnan Huading Regenerated Resources Development Co., Ltd
2020275392	Deciphera Pharmaceuticals, LLC	2021237963	Ion Channel Innovations, LLC
2020281477	PlanBlue GmbH	2021240302	TDELTA LIMITED
2020282768	IDEAYA Biosciences, Inc.	2021245200	Applied Medical Resources Corporation
2020285097	Komatsu Ltd.	2021246815	DNA Script
2020289721	President and Fellows of Harvard College	2021250896	Magic Leap, Inc.
2020297354	Avery Dennison Retail Information Services LLC	2021254588	Aclarion, Inc.
2020311378	Arrinex, Inc.	2021257958	Koninklijke Douwe Egberts B.V.
2020311801	BikeFinder AS	2021260682	Shijiazhuang Yiling Pharmaceutical Co., Ltd.
2020312053	Beijing Bytedance Network Technology Co., Ltd.; ByteDance Inc.	2021266033	Siemens Mobility GmbH
2020314718	Firestone Industrial Products Company, LLC	2021286239	Snap-on Incorporated
2020316076	Howmedica Osteonics Corp.	2021286273	Snap-on Incorporated
2020322413	Minelab Electronics Pty. Limited	2021286278	Novartis AG
2020323283	Asahi Kasei Kabushiki Kaisha	2021286302	The Boeing Company
2020324166	Vivo Mobile Communication Co., Ltd.	2021286376	HONEYWELL INTERNATIONAL INC.
2020327153	Boston Scientific Scimed, Inc.	2021290143	PayPal, Inc.
2020333543	Mineral Earth Sciences LLC	2021290393	Elegance Refrigeration Corporation
2020347056	Dropbox, Inc.	2021296691	Stamicarbon B.V.
2020351078	Baker Hughes Holdings LLC	2021303679	Endomagnetics Ltd
2020363353	GACW Incorporated	2021308902	Daikin Industries, Ltd.
2020367926	Benning CMS Technology GmbH	2021314257	CooperSurgical, Inc.
2020371593	Milwaukee Electric Tool Corporation	2021325233	Rejukon Biopharm Inc.
2020372382	Alphala Co., Ltd.	2021355606	Shandong University of Technology
2020375502	SK microworks Co., Ltd.; SK microworks America, Inc.	2021372121	KYUSHU UNIVERSITY, NATIONAL UNIVERSITY CORPORATION
2020375860	Beijing Tianma Intelligent Control Technology Co., Ltd.; Beijing CCRI-Tianma Automation Technology Co., Ltd.	2021381882	MOTOROLA SOLUTIONS, INC.
2020376989	Nova Mineralis S.A.	2021411481	APPWARD LLC
2020377576	International Business Machines Corporation	2021428561	GOOGLE LLC
2020384191	Caterpillar Inc.	2021459955	HEMPIRE (SHANGHAI) PHARMACEUTICAL R&D LIMITED
2020392837	Fujikura Ltd.	2022200268	Apple Inc.
2020393871	Relign Corporation	2022200475	Regeneron Pharmaceuticals, Inc.
2020396673	Tovis Co., Ltd.	2022200830	Electronic Caregiver, Inc.
2020398057	Anucell Biosystems Limited	2022200893	Terra Quantum AG
2020398210	Astec Industries, Inc.	2022201162	Société des Produits Nestlé S.A.
2020399078	Unilever IP Holdings B.V.	2022201373	INMM S.r.l.
2020400683	HC Synthetic Pharmaceutical Co., Ltd.	2022201457	Cellix Bio Private Limited
2020411043	Church & Dwight Co., Inc.	2022201640	Ovala, Inc.
2020414988	Mitsubishi Heavy Industries, Ltd.	2022201683	CommScope Technologies LLC
2020417796	Matterport, Inc.	2022202176	Ancora Heart, Inc.
2020421502	Weber-Stephen Products LLC	2022202874	Wing Aviation LLC
2020421719	Mitsubishi Electric Corporation	2022203157	NAVICO HOLDING AS
2020423979	Shenzhen Rhegen Biotechnology Co., Ltd.	2022203182	Lumenis Ltd
2020433469	IHI Corporation; IHI Inspection and Instrumentation Co., Ltd.	2022203644	Intuit Inc.
2021200290	National Taiwan University; National Chiao Tung University; National Health Research Institutes; Tseng, Y.J.	2022203830	Silixa Limited
2021201328	President and Fellows of Harvard College; The General Hospital Corporation; The Children's Medical Center Corporation	2022204184	Lynx System Developers, Inc.
2021201405	NIMMUNE BIOPHARMA, INC.	2022204501	SAMSUNG ELECTRONICS CO., LTD.
2021202866	Universiteit Gent; VIB VZW; Vrije Universiteit Brussel	2022204704	IGT
2021203373	Gilead Sciences, Inc.	2022206736	Sharp Kabushiki Kaisha; FG Innovation Company Limited
2021204543	Beijing Baidu Netcom Science and Technology Co., Ltd.	2022209307	Deep Brain Innovations LLC
2021204590	STRYKER EUROPEAN OPERATIONS HOLDINGS LLC	2022217471	LEMMEN, J.A.J.; VAN DOREMAELE, M.G.M.
		2022218580	Becton, Dickinson and Company
		2022221466	Apple Inc.
		2022222913	WHITEHEAD, K.G.
		2022223569	SPECTRE MATERIALS SCIENCES, INC.
		2022228093	Qualcomm Incorporated

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2022228208 Flexiroof Limited
2022235640 Gray, R.
2022256157 Real-Time Robotics Inc; Luong, Q.; Phi, Q.
2022314007 LIER CHEMICAL CO., LTD.
2022379381 KARA TECHNOLOGIES LIMITED
2023200039 Apple Inc.
2023200604 Salty Cheeks Pty Ltd
2023200747 Stout Industrial Technology, Inc.
2023202499 GENERATORS AUSTRALIA PTY LTD
2023202685 Huawei Technologies Co., Ltd.
2023203147 Ganzhou Chenguang Rare Earths New Material Co.,
Ltd.
2023216742 WARWICK GATES PTY LTD

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2023200747	2022201162	2020393871	2017380109	2021286278	2022209307
	<u>A23L 2 /-</u>	2021204590	2017417888	<u>A61K 47 /-</u>	<u>A61N 5 /-</u>
<u>A01B 71 /-</u>	2018310012	2022203182	2018221881	2018205259	2022203182
2021205025		<u>A61B 18 /-</u>	2018226879	2018226879	
	<u>A23L 33 /-</u>	2018333954	2018351494	2020233746	<u>A61P 11 /-</u>
<u>A01B 79 /-</u>	2017417888	2018321113	2018365241		2019229258
2020333543		2020311378	2018392761	<u>A61K 48 /-</u>	2020230285
	<u>A24F 40 /-</u>	2020393871	2018395525	2021237963	
<u>A01D 46 /-</u>	2020236490	2021245200	2019229258	<u>A61K 49 /-</u>	<u>A61P 13 /-</u>
2020333543		2022203182	2019336663	2018232662	2021212003
	<u>A41D 1 /-</u>	<u>A61B 34 /-</u>	2020205261		2021237963
<u>A01D 89 /-</u>	2023200604	2020316076	2020229265	<u>A61K 8 /-</u>	<u>A61P 15 /-</u>
2018254179		<u>A61B 42 /-</u>	2020233746	2018217137	2021212003
2021205025	<u>A41D 13 /-</u>	2018273787	2020234929	2018237303	
	2023200604	<u>A61B 5 /-</u>	2020272040	2018328819	<u>A61P 17 /-</u>
<u>A01D 91 /-</u>		2018275525	2020275392	<u>A61K 9 /-</u>	2018221881
2020333543	<u>A41D 19 /-</u>	2019380538	2020282768	2018226879	2019229258
	2018273787	2021254588	2020372382	2018232662	2019252658
<u>A01F 15 /-</u>	<u>A41D 27 /-</u>	2022200830	2020400683	2019336663	<u>A61P 21 /-</u>
2021205025	2023200604	<u>A61B 50 /-</u>	2021200290	2020229265	2017327304
	<u>A41D 31 /-</u>	2018273787	2021201405	2020230285	2021240302
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2022217471		2021240302	2021209279	2020234929	2021237963
	<u>A41D 31 /-</u>	2021260682	2021212003	2022200475	<u>A61P 25 /-</u>
<u>A01J 5 /-</u>	2023200604	2021459955	2021215177		2017327304
2017314754	<u>A44C 27 /-</u>	2022201457	2021237963	<u>A61L 2 /-</u>	2017363147
	2023200604	<u>A61K 33 /-</u>	2021240302	2018352359	2017375687
<u>A01M 7 /-</u>	2017332967	2020327153	2021260682	2018395525	2017417888
2023200747	<u>A47B 13 /-</u>	2021303679	2021459955	<u>A61L 27 /-</u>	2018351494
	2019226183	<u>A61F 13 /-</u>	2022201457	2020327153	2020233746
<u>A01N 1 /-</u>		2018257495	<u>A61K 35 /-</u>	2021212003	2021209279
2018322484	<u>A47B 3 /-</u>	2020327153	2016375880	2021212003	2021325233
2018395525	2019226183	2022201640	2020230285	2021459955	2021459955
2021314257	<u>A47G 21 /-</u>	<u>A61F 2 /-</u>	2021201328	<u>A61L 31 /-</u>	<u>A61P 27 /-</u>
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2017338714	2020421502	2020230271	<u>A61K 38 /-</u>	2020398057	<u>A61P 29 /-</u>
2018359484	<u>A47L 15 /-</u>	2020327153	2017380488	<u>A61M 25 /-</u>	2018333954
	2018249686	2022201640	2018205259	2022202176	2018351494
<u>A01N 43 /-</u>	<u>A61B 1 /-</u>	2022202176	2018320865	<u>A61M 27 /-</u>	2019229258
2018363696	2020421502	<u>A61F 5 /-</u>	2018363696	2018241069	2020230285
	<u>A47L 15 /-</u>	2022201640	2021237963	<u>A61M 25 /-</u>	2021212003
<u>A01P 21 /-</u>	2018249686	<u>A61F 6 /-</u>	2021325233	2018241069	<u>A61P 3 /-</u>
2018359484		2020411043	<u>A61K 39 /-</u>	<u>A61M 39 /-</u>	2019229258
	<u>A23C 9 /-</u>	<u>A61K 127 /-</u>	2016340989	2022202176	2020272040
2022201162	2018250718	2021459955	2017260260	<u>A61M 27 /-</u>	
	2018318130	<u>A61K 133 /-</u>	2017329044	2018241069	<u>A61P 31 /-</u>
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2020399078	2021215216	2021459955	<u>A61K 41 /-</u>	2021212124	2020400683
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2022201162	2018297195	2017363147			
	2018318130				
	2019263150				

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<u>A61P 35/-</u>		<u>B29B 17/-</u>		2020203842	
2017380109	<u>B01J 3/-</u>	2020375502	<u>B62D 37/-</u>	<u>B65D 17/-</u>	<u>C07C 211/-</u>
2018226879	2021296691		2021212034	2017409019	2021215177
2019216757	<u>B01L 3/-</u>	<u>B29C 45/-</u>	<u>B62D 55/-</u>	2020203842	<u>C07C 231/-</u>
2019229258	2022218580	2020203842	2020211907	<u>B65D 21/-</u>	2018363696
2019239194	<u>B01L 9/-</u>	<u>B29C 48/-</u>	<u>B62J 15/-</u>	2017261604	<u>C07C 269/-</u>
2020205261	2019300262	2020375502	2020311801	<u>B65D 3/-</u>	2018363696
2020275392	<u>B02C 18/-</u>	<u>B29C 49/-</u>	<u>B62K 13/-</u>	2020399078	<u>C07C 271/-</u>
2020282768	2020398210	2021218226	2016417658	<u>B65D 73/-</u>	2018363696
2021203373	<u>B03B 5/-</u>	<u>B29L 31/-</u>	<u>B62K 21/-</u>	2017409019	2022314007
2021212003	2017367700	2020203842	2020311801	<u>B65D 83/-</u>	<u>C07C 273/-</u>
<u>A61P 37/-</u>	<u>B03C 1/-</u>	<u>B32B 27/-</u>	<u>B62K 9/-</u>	2020399078	2018363696
2019229258	2018306306	2018250667	2016417658	2021257958	2021296691
<u>A61P 43/-</u>	2020398057	<u>B32B 37/-</u>	<u>B63B 49/-</u>	<u>B65D 85/-</u>	<u>C07C 39/-</u>
2017327304	<u>B21J 5/-</u>	2021218226	2022203157	2020399078	2018365241
<u>A61P 5/-</u>	2023203147	<u>B32B 7/-</u>	<u>B63C 9/-</u>	<u>B65D 85/-</u>	<u>C07C 39/-</u>
2021260682	<u>B23Q 17/-</u>	2018250667	2017373391	2020399078	<u>C07C 39/-</u>
<u>A61P 7/-</u>	2021286239	2021204738	<u>B64C 27/-</u>	2021257958	2018365241
2016375880	<u>B25B 1/-</u>	<u>B60B 3/-</u>	2022256157	<u>B65G 21/-</u>	<u>C07D 213/-</u>
<u>A61P 9/-</u>	2018224367	<u>B60B 33/-</u>	<u>B64C 39/-</u>	2022217471	2018333954
2016375880	<u>B25B 23/-</u>	2019226183	2020241281	<u>B65G 47/-</u>	2021201405
2020229265	2021286239	<u>B60B 9/-</u>	2022202874	2022217471	<u>C07D 235/-</u>
2021212003	<u>B25B 27/-</u>	2020363353	<u>B64D 1/-</u>	<u>B66C 1/-</u>	2019216757
<u>A61Q 1/-</u>	2020311801	<u>B60C 23/-</u>	2022202874	2022202874	2021200290
2018237303	<u>B25F 3/-</u>	2020314718	<u>B64D 15/-</u>	2022202874	<u>C07D 239/-</u>
<u>A61Q 17/-</u>	2021286239	<u>B60C 7/-</u>	2021211996	2020241281	<u>B67D 1/-</u>
2017319231	<u>B25F 5/-</u>	2020363353	<u>B64D 27/-</u>	2022202874	2021290393
2018217137	2020371593	<u>B60P 1/-</u>	2020241281	<u>B64D 41/-</u>	<u>C07D 273/-</u>
<u>A63F 11/-</u>	2021286239	2020363353	2018344229	<u>B64D 45/-</u>	2018363696
2022204704	<u>B25J 15/-</u>	<u>B61K 3/-</u>	2020241281	<u>B65B 13/-</u>	<u>C07D 307/-</u>
<u>B01D 29/-</u>	2020253607	2017357962	2022202874	2020270353	2021201405
2020384191	<u>B25J 19/-</u>	<u>B61K 9/-</u>	<u>B64D 27/-</u>	<u>B65B 37/-</u>	<u>C01C 1/-</u>
<u>B01D 35/-</u>	2020253607	2017357962	2020241281	2019200763	2020414988
2020384191	<u>B25J 5/-</u>	<u>B61L 27/-</u>	<u>B65B 9/-</u>	2018344229	<u>C02F 1/-</u>
<u>B01D 61/-</u>	2021355606	2021266033	2018249686	2018352359	2019229258
2020234694	<u>B26B 21/-</u>	<u>B62B 7/-</u>	<u>C02F 103/-</u>	<u>C02F 103/-</u>	<u>C07D 401/-</u>
<u>B01D 65/-</u>	2018246296	2016417658	2018249686	2018249686	2021200290
2018352359	2020253440	<u>B62D 35/-</u>	<u>C02F 9/-</u>	<u>C02F 9/-</u>	2021201405
<u>B01F 23/-</u>	<u>B29B 11/-</u>	2021212034	2018249686	<u>C05G 3/-</u>	<u>C07D 403/-</u>
2022218580	2021218226		2018249686	2018359484	2020275392
<u>B01F 25/-</u>	2018355255		<u>C07B 51/-</u>	2019216757	2021201405
2022218580			2018363696	2019229258	<u>C07D 405/-</u>
<u>B01J 19/-</u>			<u>C07B 59/-</u>	2020372382	2021201405
2018395525			2017363147	2021260682	2018363696
				<u>C07D 413/-</u>	2019229258

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2021201405		<u>C12M 1/-</u>		<u>E01F 9/-</u>	2018313280
<u>C07D 417/-</u>	<u>C07K 4/-</u>	2019300262	<u>C22B 1/-</u>	2022228208	<u>E21B 33/-</u>
2020282768	2021201328	2020398057	2018286965		2017425656
	<u>C07K 7/-</u>	<u>C12M 3/-</u>	2021232689	<u>E01H 5/-</u>	
<u>C07D 471/-</u>		2019300262	<u>C22B 15/-</u>	2017363489	<u>E21B 44/-</u>
2020275392	2017260260		2020376989	<u>E02F 3/-</u>	2018313280
	2018205259	<u>C12N 1/-</u>		2017366811	<u>E21B 47/-</u>
<u>C07D 487/-</u>	<u>C08B 37/-</u>	2017269418	<u>C22B 23/-</u>	2018202060	2018313280
2017260260	2018347551		2018372226	<u>E02F 9/-</u>	
2018392761	2019321023	<u>C12N 15/-</u>	<u>C22B 3/-</u>	2017366811	<u>E21B 7/-</u>
2020275392		2017269418	2018372226	2020285097	2018313280
2020282768	<u>C08G 63/-</u>	2017302542	2020376989		
<u>C07D 498/-</u>	2020375502	2017328950		<u>E04D 13/-</u>	<u>F04C 2/-</u>
		2017329044	<u>C22B 5/-</u>	2017225002	2018224367
2021212003	<u>C08J 5/-</u>	2017338714	2021232689	<u>E04F 13/-</u>	<u>F04D 29/-</u>
<u>C07D 513/-</u>	2020375502	2019252658		2018228288	2018224367
		2021202866	<u>C22B 59/-</u>	<u>E04F 19/-</u>	<u>F16B 7/-</u>
2021203373	<u>C08K 5/-</u>	2021229127	2023203147	2018228288	2020311801
<u>C07F 9/-</u>	2021218226	<u>C12N 5/-</u>		<u>E04H 12/-</u>	<u>F16G 13/-</u>
		2018320865	<u>C22B 7/-</u>	2022228208	2018202060
2019216757	<u>C08L 5/-</u>	2020289721	2021232689	<u>E04H 17/-</u>	<u>F16G 15/-</u>
2020400683		2020398057		2023216742	2018202060
2022314007	2018347551	2021201328	<u>C22C 9/-</u>	<u>E05B 47/-</u>	<u>F16J 15/-</u>
<u>C07H 1/-</u>	<u>C08L 67/-</u>	<u>C12N 9/-</u>	2023203147	2017383096	2020211907
		2017269418		2020323283	2020323283
2021246815	2020375502	2017286477	<u>C23C 4/-</u>	<u>E05C 17/-</u>	<u>F16K 1/-</u>
	2021218226	2017380488	2021218226	2021286273	2018224367
<u>C07H 19/-</u>	<u>C09D 11/-</u>	2018320865	<u>C25B 13/-</u>	<u>E05D 11/-</u>	<u>F16K 24/-</u>
	2018306306	<u>C12P 19/-</u>	2020323283	2021286273	202218580
2021246815		2017286477	<u>C25B 15/-</u>	<u>E05D 3/-</u>	<u>F16K 27/-</u>
<u>C07J 71/-</u>	<u>C09D 5/-</u>	2020423979	2020323283	2019226183	2018224367
	2021286302	<u>C12P 5/-</u>	<u>C25B 9/-</u>	<u>E05D 5/-</u>	<u>F16K 3/-</u>
2019351004		2017269418	2020323283	2021286273	2018224367
<u>C07K 1/-</u>	<u>C09K 3/-</u>	<u>C12P 7/-</u>	<u>C25C 3/-</u>	<u>E05F 7/-</u>	<u>F16L 37/-</u>
	2021286302	2018351874	2023203147	2023216742	2020242898
2021229127		<u>C12Q 1/-</u>	<u>C25C 7/-</u>	<u>E06B 11/-</u>	<u>F16L 41/-</u>
<u>C07K 11/-</u>	<u>C10G 29/-</u>	2017313718	2023203147	2023216742	2018224367
	2020351078	2017328950	<u>C40B 30/-</u>	<u>E21B 17/-</u>	<u>F16M 11/-</u>
2018363696		2017328953	2018378356	2017425656	2021428561
	2020351078	2018378356	2020205261	<u>E21B 21/-</u>	<u>F16M 13/-</u>
<u>C07K 14/-</u>	<u>C10G 33/-</u>	2020239715	<u>C12R 1/-</u>	2018313280	2021428561
	2020351078	<u>C12R 1/-</u>	2018378356	<u>E21B 3/-</u>	
2017329044		2021201328	<u>D01F 1/-</u>		
2018320865	<u>C10L 3/-</u>	2018286965	2019247891	<u>D06F 35/-</u>	
2019252658		<u>C21B 3/-</u>	<u>D06F 35/-</u>	2018249686	
2021237963	2020351078	2018286965	2018249686	<u>D06F 39/-</u>	
2021325233		<u>C21B 5/-</u>	<u>D06F 39/-</u>	2018249686	
<u>C07K 16/-</u>	<u>C10L 5/-</u>	<u>C21B 7/-</u>			
	2018286965				
2016340989					
2017260260	<u>C10M 105/-</u>				
2017329044					
2018205259	2018351874				
2019239194					
<u>C07K 17/-</u>	<u>C12G 3/-</u>				
	2020234694				
2021229127					
<u>C07K 19/-</u>	<u>C12H 3/-</u>				
	2020234694				
2018320865					
2021325233					

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<u>F21S 8 /-</u>	<u>F24T 10 /-</u>	<u>G01R 31 /-</u>	2021215125 2021411481 2022235640	2023200747	<u>H01S 3 /-</u>
2019264822 2021428561	2021232588	2020367926		<u>G08B 1 /-</u>	2018329038
<u>F21V 21 /-</u>	<u>F25D 11 /-</u>	<u>G01S 15 /-</u>	<u>G06F 3 /-</u>	2018317486	<u>H02K 1 /-</u>
2021428561	2020421719 2021290393	2022203157	2017330446 2021250896 2022200268 2022221466 2023200039	<u>G08B 13 /-</u>	2020371593
<u>F21V 23 /-</u>	<u>F25D 29 /-</u>	<u>G01S 17 /-</u>		2021428561	<u>H02K 29 /-</u>
2021428561	2020421719 2021290393	2017419296		<u>G08B 21 /-</u>	2020371593
<u>F21V 31 /-</u>	<u>F27B 9 /-</u>	<u>G01S 7 /-</u>	<u>G06F 8 /-</u>	2018317486 2021211996 2022200830	<u>H02K 3 /-</u>
2021428561	2021232689	2022203157	2020377576 2021411481	<u>G08B 25 /-</u>	2020371593
<u>F21V 33 /-</u>	<u>F42B 33 /-</u>	<u>G01V 3 /-</u>	<u>G06F 9 /-</u>	2018317486	<u>H02K 7 /-</u>
2021428561	2022222913	2020322413	2018275525 2020377576 2021381882 2021411481	<u>G09B 21 /-</u>	<u>H02S 20 /-</u>
<u>F21V 5 /-</u>	<u>F42C 19 /-</u>	<u>G01V 7 /-</u>		2022379381	2019222898 2019240757 2023202499
2019264822	2022223569	<u>G02B 21 /-</u>	<u>G06N 10 /-</u>	<u>G10L 21 /-</u>	
<u>F21V 7 /-</u>	<u>G01B 3 /-</u>	2018328819	2019454816	2019477919	<u>H04B 7 /-</u>
2019264822	2017419296	<u>G02B 27 /-</u>	<u>G06N 20 /-</u>	<u>G16H 50 /-</u>	2022204501
<u>F21W 131 /-</u>	<u>G01C 15 /-</u>	2021250896	2022203644	2022201373	<u>H04L 1 /-</u>
2019264822 2021428561	2020285097	<u>G02B 5 /-</u>	<u>G06N 3 /-</u>	<u>G16H 80 /-</u>	2017440405 2022204501
<u>F21Y 105 /-</u>	<u>G01C 21 /-</u>	2020417796 2021204738	2022203644	2018317486	<u>H04L 12 /-</u>
2019264822 2021428561	2017363489	<u>G02B 6 /-</u>	<u>G06Q 10 /-</u>	<u>H01F 1 /-</u>	2021286376
<u>F21Y 113 /-</u>	<u>G01D 5 /-</u>	2020392837	2020297354 2022202874	2018306306	<u>H04L 47 /-</u>
2021428561	2022203830	<u>G02F 1 /-</u>	<u>G06Q 30 /-</u>	<u>H01J 37 /-</u>	2021381882
<u>F21Y 115 /-</u>	<u>G01F 1 /-</u>	2018329038 2020396673	2017330446	2020245199 2021372121	<u>H04L 5 /-</u>
2021428561	2018224367	<u>G03B 37 /-</u>	<u>G06Q 50 /-</u>	<u>H01L 25 /-</u>	2022204501 202228093
<u>F22B 37 /-</u>	<u>G01N 1 /-</u>	2020417796	2018317486	2018395525	<u>H04L 65 /-</u>
2020433469	2018322484 2018328819 2022218580	<u>G04C 17 /-</u>	<u>G06T 13 /-</u>	<u>H01L 31 /-</u>	2021381882
<u>F23K 1 /-</u>	<u>G01N 21 /-</u>	2023200039	2022379381	2021204738 2022200893	<u>H04L 67 /-</u>
2020433469	2017342257	<u>G05D 1 /-</u>	<u>G06T 17 /-</u>	<u>H01M 8 /-</u>	2020281477 2021381882
<u>F24F 11 /-</u>	<u>G01N 33 /-</u>	2017363489 2021211996 2021215370	2020375860	2018344229 2019476660	<u>H04L 9 /-</u>
2021308902	2017260260 2017267726 2017313150 2017327994 2017342257 2018322484 2018378356 2020239715 2020398057 2021229127 2021372121	<u>G06E 1 /-</u>	2021250896	<u>H01P 7 /-</u>	2021204543
<u>F24S 25 /-</u>	<u>G01N 35 /-</u>	2021290143	<u>G06T 7 /-</u>	2022200893	<u>H04N 19 /-</u>
2019240757	2020248738 2020347056	<u>G06F 13 /-</u>	2021308902 2022204184 2023200747	<u>H01Q 1 /-</u>	2019276881 2020229608 2020312053 2022206736 2023202685
<u>F24S 30 /-</u>		2022235640	<u>G06V 10 /-</u>	<u>H01Q 9 /-</u>	
2019222898		<u>G06F 16 /-</u>	2019357615 2023200747	2022200893	<u>H04N 23 /-</u>
<u>F24S 50 /-</u>		2020248738 2020347056	<u>G06V 20 /-</u>	<u>H01R 13 /-</u>	2022204184
2019222898	2019300262 2022218580	<u>G06F 21 /-</u>	2019357615	2019255296	<u>H04S 7 /-</u>
<u>F24S 80 /-</u>		2021204543			2021250896

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H04W 4 /-

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2022228093

H04W 52 /-

2020324166

H04W 64 /-

2022228093

H04W 72 /-

2017440405
2018364110
2022201683

H04W 88 /-

2022201683

Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Lodged

2017232122 **Britax Romer Kindersicherheit GmbH (DOREL AUSTRALIA PTY LTD)**

Patents Granted

Standard Patents

2016202871	2016317661	2016321116	2016329919
2016342049	2016378737	2016406798	2016409864
2016422173	2016432186	2017202340	2017203875
2017204957	2017206785	2017223057	2017232166
2017236239	2017245315	2017254838	2017268396
2017272916	2017276807	2017277779	2017277800
2017280943	2017281303	2017281530	2017281539
2017282723	2017285224	2017286604	2017288521
2017290353	2017290671	2017298222	2017301511
2017301744	2017305661	2017307335	2017308788
2017311412	2017311865	2017328613	2017332752
2017335772	2017336229	2017338624	2017338791
2017342282	2017343369	2017345707	2017350165
2017355673	2017357374	2017358483	2017360115
2017362059	2017365237	2017368518	2017373557
2017379065	2017379550	2017380760	2017382296
2017385712	2017387430	2017397835	2017401534
2017416031	2017423262	2017424814	2017424910
2017424920	2017427586	2018200900	2018200926
2018203455	2018207665	2018208010	2018214388
2018214814	2018217309	2018217710	2018218560
2018218799	2018219578	2018223076	2018223205
2018223229	2018224426	2018225084	2018226188
2018227468	2018228663	2018231583	2018232702
2018235948	2018237312	2018238533	2018239264
2018240904	2018244364	2018247568	2018247749
2018252160	2018254411	2018255941	2018261218
2018262177	2018263292	2018268704	2018271375
2018277152	2018285923	2018297274	2018299419
2018299799	2018301651	2018303662	2018312581
2018324070	2018333498	2018341019	2018341394
2018361828	2018367916	2018374839	2018380426
2018383669	2018391799	2018413791	2018451721
2019201909	2019219773	2019220741	2019225798
2019240207	2019240270	2019242685	2019242751
2019245435	2019250504	2019252287	2019252409
2019260793	2019266295	2019270515	2019271388
2019274687	2019282460	2019290032	2019295776
2019307604	2019308251	2019317924	2019322205
2019329023	2019362683	2019368215	2019374529
2019379106	2019390482	2019392067	2019396397
2019403265	2019404197	2019405444	2019405839
2019409113	2019422268	2019422590	2019428447
2019433083	2019444370	2019457052	2019460184
2019462417	2019468311	2020201048	2020201541
2020203636	2020204541	2020204740	2020206080
2020207942	2020210967	2020212757	2020216500
2020220413	2020221993	2020223701	2020224331
2020228803	2020229871	2020229917	2020231091
2020248270	2020249395	2020252207	2020252576
2020254703	2020256312	2020256358	2020256662
2020259946	2020264326	2020265432	2020267282
2020268954	2020270237	2020270768	2020271840
2020271984	2020273316	2020276005	2020277301
2020282352	2020285759	2020286230	2020286236
2020287179	2020289549	2020294225	2020295264
2020295460	2020299514	2020312856	2020322086
2020323127	2020327863	2020329417	2020334705
2020335790	2020335813	2020336766	2020338794

Patents Granted

Standard Patents

2020341814	2020343687	2020346171	2020349748
2020354000	2020356369	2020356726	2020357152
2020357581	2020365272	2020366585	2020368075
2020373770	2020376125	2020378282	2020378394
2020379335	2020384177	2020388742	2020391048
2020391392	2020392420	2020393015	2020394004
2020396167	2020397825	2020400213	2020402039
2020402903	2020403497	2020405493	2020407109
2020407298	2020415851	2020417159	2020418483
2020427613	2020453086	2020464165	2021200039
2021200280	2021200816	2021201293	2021202402
2021202725	2021202795	2021202947	2021202968
2021203193	2021203213	2021203217	2021203297
2021203399	2021203408	2021203598	2021203889
2021203984	2021204008	2021204020	2021204022
2021204027	2021204082	2021204207	2021204300
2021204398	2021204510	2021204726	2021204772
2021204788	2021204974	2021206781	2021206788
2021207189	2021209170	2021211974	2021212084
2021212135	2021212165	2021215151	2021218036
2021218145	2021218168	2021221374	2021225173
2021225186	2021225193	2021229220	2021232217
2021232676	2021232708	2021232737	2021232752
2021234584	2021236453	2021236526	2021236558
2021240159	2021240320	2021245105	2021245157
2021245170	2021251935	2021258080	2021258094
2021266185	2021266219	2021266258	2021269389
2021271230	2021277733	2021280402	2021286414
2021286450	2021290227	2021290427	2021303413
2021318113	2021328131	2021336098	2021353103
2021356330	2021404185	2022200488	2022200684
2022200803	2022201007	2022201008	2022201185
2022201622	2022202037	2022202235	2022202817
2022202969	2022203337	2022203557	2022203643
2022203953	2022224850	2022231767	2022263450
2022279443	2023201472	2023201603	2023202056
2023202133	2023202348		

Innovation Patents

2019101848

Assignments Registered

2003271687	Bayer Intellectual Property GmbH	The patent has been assigned to Bayer CropScience Aktiengesellschaft
2003303027	Bayer Intellectual Property GmbH	The patent has been assigned to Bayer CropScience Aktiengesellschaft
2004260588	Bayer Intellectual Property GmbH	The patent has been assigned to Bayer CropScience Aktiengesellschaft
2004283475	Bayer Intellectual Property GmbH	The patent has been assigned to Bayer CropScience Aktiengesellschaft
2004290501	Bayer Intellectual Property GmbH	The patent has been assigned to Bayer CropScience Aktiengesellschaft
2004290502	Bayer Intellectual Property GmbH	The patent has been assigned to Bayer CropScience Aktiengesellschaft
2004294259	Bayer Intellectual Property GmbH	The patent has been assigned to Bayer CropScience Aktiengesellschaft
2005220024	Bayer Intellectual Property GmbH	The patent has been assigned to Bayer CropScience Aktiengesellschaft
2005263569	Bayer Intellectual Property GmbH	The patent has been assigned to Bayer CropScience Aktiengesellschaft

Assignments Registered

2005277083 Bayer Intellectual Property GmbH The patent has been assigned to **Bayer CropScience Aktiengesellschaft**

2005318373 Bayer Intellectual Property GmbH The patent has been assigned to **Bayer CropScience Aktiengesellschaft**

2005321607 Bayer Intellectual Property GmbH The patent has been assigned to **Bayer CropScience Aktiengesellschaft**

2006218182 Bayer Intellectual Property GmbH The patent has been assigned to **Bayer CropScience Aktiengesellschaft**

2006228670 Bayer Intellectual Property GmbH The patent has been assigned to **Bayer CropScience Aktiengesellschaft**

2006233744 Bayer Intellectual Property GmbH The patent has been assigned to **Bayer CropScience Aktiengesellschaft**

2006233795 Bayer Intellectual Property GmbH The patent has been assigned to **Bayer CropScience Aktiengesellschaft**

2006239579 Bayer Intellectual Property GmbH The patent has been assigned to **Bayer CropScience Aktiengesellschaft**

2006251326 Bayer Intellectual Property GmbH The patent has been assigned to **Bayer CropScience Aktiengesellschaft**

2006280146 Millennium Pharmaceuticals, Inc. The patent has been assigned to **ImmunoGen, Inc.**

2006289339 Bayer Intellectual Property GmbH The patent has been assigned to **Bayer CropScience Aktiengesellschaft**

2006301642 Bayer Intellectual Property GmbH The patent has been assigned to **Bayer CropScience Aktiengesellschaft**

2006319516 Bayer Intellectual Property GmbH The patent has been assigned to **Bayer CropScience Aktiengesellschaft**

2006322122 Bayer Intellectual Property GmbH The patent has been assigned to **Bayer CropScience Aktiengesellschaft**

2006322281 Bayer Intellectual Property GmbH The patent has been assigned to **Bayer CropScience Aktiengesellschaft**

2006326300 Bayer Intellectual Property GmbH The patent has been assigned to **Bayer CropScience Aktiengesellschaft**

2007234087 Bayer Intellectual Property GmbH The patent has been assigned to **Bayer CropScience Aktiengesellschaft**

2007234111 Bayer Intellectual Property GmbH The patent has been assigned to **Bayer CropScience Aktiengesellschaft**

2007247375 Bayer Intellectual Property GmbH The patent has been assigned to **Bayer CropScience Aktiengesellschaft**

2007247376 Bayer Intellectual Property GmbH The patent has been assigned to **Bayer CropScience Aktiengesellschaft**

2007247377 Bayer Intellectual Property GmbH The patent has been assigned to **Bayer CropScience Aktiengesellschaft**

2007263337 Bayer Intellectual Property GmbH The patent has been assigned to **Bayer CropScience Aktiengesellschaft**

2007297016 Bayer Intellectual Property GmbH The patent has been assigned to **Bayer CropScience Aktiengesellschaft**

2007302338 Bayer Intellectual Property GmbH The patent has been assigned to **Bayer CropScience Aktiengesellschaft**

Assignments Registered

2007335002 Bayer Intellectual Property GmbH The patent has been assigned to **Bayer CropScience Aktiengesellschaft**

2008214612 Bayer Intellectual Property GmbH The patent has been assigned to **Bayer CropScience Aktiengesellschaft**

2008226327 YM Biosciences Australia Pty Ltd The patent has been assigned to **GlaxoSmithKline LLC**

2008252991 Bayer Intellectual Property GmbH The patent has been assigned to **Bayer CropScience Aktiengesellschaft**

2008258879 Bayer Intellectual Property GmbH The patent has been assigned to **Bayer CropScience Aktiengesellschaft**

2008266519 Bayer Intellectual Property GmbH The patent has been assigned to **Bayer CropScience Aktiengesellschaft**

2008291407 Bayer Intellectual Property GmbH The patent has been assigned to **Bayer CropScience Aktiengesellschaft**

2008298042 Bayer Intellectual Property GmbH The patent has been assigned to **Bayer CropScience Aktiengesellschaft**

2008306243 Bayer Intellectual Property GmbH The patent has been assigned to **Bayer CropScience Aktiengesellschaft**

2008337788 Bayer Intellectual Property GmbH The patent has been assigned to **Bayer CropScience Aktiengesellschaft**

2008340688 Bayer Intellectual Property GmbH The patent has been assigned to **Bayer CropScience Aktiengesellschaft**

2009202330 Bayer Intellectual Property GmbH The patent has been assigned to **Bayer CropScience Aktiengesellschaft**

2009210221 Bayer Intellectual Property GmbH The patent has been assigned to **Bayer CropScience Aktiengesellschaft**

2009218765 Bayer Intellectual Property GmbH The patent has been assigned to **Bayer CropScience Aktiengesellschaft**

2009218843 Bayer Intellectual Property GmbH The patent has been assigned to **Bayer CropScience Aktiengesellschaft**

2009221399 Bayer Intellectual Property GmbH The patent has been assigned to **Bayer CropScience Aktiengesellschaft**

2009221478 Bayer Intellectual Property GmbH The patent has been assigned to **Bayer CropScience Aktiengesellschaft**

2009238545 Bayer Intellectual Property GmbH The patent has been assigned to **Bayer CropScience Aktiengesellschaft**

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2010213187 Bayer Intellectual Property GmbH The patent has been assigned to **Bayer CropScience Aktiengesellschaft**

Assignments Registered

2010268843 Bayer Intellectual Property GmbH The patent has been assigned to **Bayer CropScience Aktiengesellschaft**

2010281916 Bayer Intellectual Property GmbH The patent has been assigned to **Bayer CropScience Aktiengesellschaft**

2010294603 Bayer Intellectual Property GmbH The patent has been assigned to **Bayer CropScience Aktiengesellschaft**

2010297635 Bayer Intellectual Property GmbH The patent has been assigned to **Bayer CropScience Aktiengesellschaft**

2011212451 Bayer Intellectual Property GmbH The patent has been assigned to **Bayer CropScience Aktiengesellschaft**

2011236057 Bayer Intellectual Property GmbH The patent has been assigned to **Bayer CropScience Aktiengesellschaft**

2011273570 Bayer Intellectual Property GmbH The patent has been assigned to **Bayer CropScience Aktiengesellschaft**

2011295954 Cook General Biotechnology LLC The patent has been assigned to **Gallant Pet, Inc.**

2011298424 Bayer Intellectual Property GmbH The patent has been assigned to **Bayer CropScience Aktiengesellschaft**

2011306889 Bayer Intellectual Property GmbH The patent has been assigned to **Bayer CropScience Aktiengesellschaft**

2012228355 Bayer Intellectual Property GmbH The patent has been assigned to **Bayer CropScience Aktiengesellschaft**

2012228366 Bayer Intellectual Property GmbH The patent has been assigned to **Bayer CropScience Aktiengesellschaft**

2012230388 Bayer Intellectual Property GmbH The patent has been assigned to **Bayer CropScience Aktiengesellschaft**

2012234393 Bayer Intellectual Property GmbH The patent has been assigned to **Bayer CropScience Aktiengesellschaft**

2012260302 Velos Media International Limited The patent has been assigned to **Sun Patent Trust**

2012264031 Velos Media International Limited The patent has been assigned to **Sun Patent Trust**

2012274765 Velos Media International Limited The patent has been assigned to **Sun Patent Trust**

2012288866 Bayer Intellectual Property GmbH The patent has been assigned to **Bayer CropScience Aktiengesellschaft**

2012331281 Bayer Intellectual Property GmbH The patent has been assigned to **Bayer CropScience Aktiengesellschaft**

2012331282 Bayer Intellectual Property GmbH The patent has been assigned to **Bayer CropScience Aktiengesellschaft**

2012350749 Bayer Intellectual Property GmbH The patent has been assigned to **Bayer CropScience Aktiengesellschaft**

2013201306 YM Biosciences Australia Pty Ltd The patent has been assigned to **GlaxoSmithKline LLC**

2013202477 Bayer Intellectual Property GmbH The patent has been assigned to **Bayer CropScience Aktiengesellschaft**

2013202481 Bayer Intellectual Property GmbH The patent has been assigned to **Bayer CropScience Aktiengesellschaft**

Assignments Registered

2013202483 Bayer Intellectual Property GmbH The patent has been assigned to **Bayer CropScience Aktiengesellschaft**

2013202492 Bayer Intellectual Property GmbH The patent has been assigned to **Bayer CropScience Aktiengesellschaft**

2013202497 Bayer Intellectual Property GmbH The patent has been assigned to **Bayer CropScience Aktiengesellschaft**

2013202754 Bayer Intellectual Property GmbH The patent has been assigned to **Bayer CropScience Aktiengesellschaft**

2013203789 Bayer Intellectual Property GmbH The patent has been assigned to **Bayer CropScience Aktiengesellschaft**

2013264361 Velos Media International Limited The patent has been assigned to **Sun Patent Trust**

2013278760 Velos Media International Limited The patent has been assigned to **Sun Patent Trust**

2013295135 Hesselbarth, Jonathan The patent has been assigned to **Wingcopter GmbH**

2013322000 Velos Media International Limited The patent has been assigned to **Sun Patent Trust**

2013322008 Velos Media International Limited The patent has been assigned to **Sun Patent Trust**

2013344317 Minetec Pty Ltd The patent has been assigned to **Caterpillar Inc.**

2013354882 Crossford Enterprises Pty Ltd The patent has been assigned to **Engelhardt, Brenton; Padgett, Phil**

2014200950 Bayer Intellectual Property GmbH The patent has been assigned to **Bayer CropScience Aktiengesellschaft**

2014280905 Bayer Intellectual Property GmbH The patent has been assigned to **Bayer CropScience Aktiengesellschaft**

2014380443 NGT Global AG The patent has been assigned to **Universal Fuel Technologies, Inc.**

2015252071 Cook General Biotechnology LLC The patent has been assigned to **Gallant Pet, Inc.**

2015274554 Sierra Oncology, Inc. The patent has been assigned to **GlaxoSmithKline LLC**

2015311618 The University of Birmingham; NewSouth Innovations Pty Limited The patent has been assigned to **Prewett, Philip; Rad, Zahra; Davies, Graham**

2015323725 CeMM Forschungszentrum für Molekulare Medizin GmbH The patent has been assigned to **Exscientia GmbH**

2016200866 YM Biosciences Australia Pty Ltd The patent has been assigned to **GlaxoSmithKline LLC**

2016200921 Bayer Intellectual Property GmbH The patent has been assigned to **Bayer CropScience Aktiengesellschaft**

2017200514 Velos Media International Limited The patent has been assigned to **Sun Patent Trust**

2018282369 Velos Media International Limited The patent has been assigned to **Sun Patent Trust**

2021106499 Rakman International Pty Ltd The patent has been assigned to **SunPark Technologies Pty Ltd**

Discharge of a Licence

2019265196 Discharge of a Licence was made in the Register on 31.08.2023 .

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Filed

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

2014223973 **Gilead Sciences, Inc.**

The earliest first regulatory approval date provided by the patentee 27 Mar 2023

For the goods SUNLENCA lenacapavir

2017312102 **Gilead Sciences, Inc.**

The earliest first regulatory approval date provided by the patentee 27 Mar 2023

For the goods SUNLENCA lenacapavir

Corrigenda

In Vol 57 , No 26 , Page(s) 3758 under the heading **Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired - 2021** Delete all reference to 2021290212.

Specifications Republished

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

2018227940 **Fuji Oil Holdings Inc.**

2021215183 **Houghton Leisure Products Pty Ltd**