



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

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General Information

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Country Codes

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INID (Internationally agreed Numbers for the Identification of Data)

GUIDE TO THE USE OF THIS JOURNAL

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

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

(i) FILING -

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

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

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

(iii) ACCEPTANCE –

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

(iv) OPPOSITION –

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

(v) GRANTING –

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

(vi) CERTIFICATION

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

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

How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

How Australian Patent Documents are Numbered

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

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

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

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

See Examples:

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

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

Arrangement of Information in the Journal

For each of the categories

(i) Provisional Applications Filed, (ii)

Complete Applications Filed, (iii)

Applications Open to Public Inspection

(iv) Applications Accepted, and (v)

Innovation Patent Certified.

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

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

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

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

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

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 9 Jan 2024 .

(71) 1Stop Building Group Pty Ltd (21) 2024900100 (22) 15.01.2024 (54) A cavity storage apparatus	(71) Children's Medical Research Institute (21) 2024900077 (22) 11.01.2024 (54) AAV capsids and vectors for transduction of cells	(71) Genics Holdings Pty Ltd (21) 2024900082 (22) 12.01.2024 (54) PHENOTYPE IDENTIFICATION DEVICE
(71) Alcoa of Australia Limited (21) 2024900073 (22) 11.01.2024 (54) Materials Handling	(71) Clean Powr Pty Ltd (21) 2024900081 (22) 12.01.2024 (54) Modular Energy Apparatus	(71) Hennessy, L.; Sheppard, R. (21) 2024900092 (22) 14.01.2024 (54) Blockchain method of payment solutions
(71) ALLY MEDTECH PTY LTD (21) 2024900064 (22) 10.01.2024 (54) TRACTION DEVICE	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2024900066 (22) 10.01.2024 (54) Asymmetric RNA Molecules	(71) Hilton, J. (21) 2024900086 (22) 12.01.2024 (54) A directional spatial controller
(71) ALLY MEDTECH PTY LTD (21) 2024900065 (22) 10.01.2024 (54) HAND PUMP FOR TRACTION DEVICE	(71) Crazy White Girl Pty Ltd (21) 2024900068 (22) 10.01.2024 (54) A Nonivamide based topical analgesic composition, its method of manufacture, and an innovative sensory choice experience for the consumer.	Huynh, N. see Huynh, Q. (21) 2024900069
(71) Aquanex Pty Ltd (21) 2024900074 (22) 11.01.2024 (54) Déchloré	(71) Cufone, R. (21) 2024900095 (22) 15.01.2024 (54) A DIGITAL MEDIA STORAGE UNIT ARRANGEMENT ADAPTED FOR ATTACHMENT TO A CENTRE SECTION OF A PHONOGRAPH RECORD	(71) Huynh, Q.; Huynh, N. (21) 2024900069 (22) 10.01.2024 (54) FIRE DETECTION AND EXTINGUISHING SYSTEM
(71) Automatix Ltd (21) 2024900088 (22) 12.01.2024 (54) Chainless e-bike	(71) Dillon-Smith, N. (21) 2024900071 (22) 11.01.2024 (54) Snip Stick. A cutting tool that is safe for use in underground coal mines.	Jackson, G. see Platt, S. (21) 2024900098
(71) Black Rock Vanguard Group INC (21) 2024900099 (22) 15.01.2024 (54) Composition	(71) Efx Medical Technologies Pty Ltd (21) 2024900090 (22) 12.01.2024 (54) METHOD OF PROVIDING A PERSONAL DRUG INJECTION SYSTEM	King, M. see King, K. (21) 2024900093
(71) Breville Pty Limited (21) 2024900085 (22) 12.01.2024 (54) Kitchen device accessory identification system	(71) French, J. (21) 2024900061 (22) 10.01.2024 (54) Thin Film	(71) King, K.; King, M. (21) 2024900093 (22) 14.01.2024 (54) PAL (Pellucid Anti-Lock) braking system primarily reliant on the clamped component properties.
(71) Charlton, T. (21) 2024900105 (22) 16.01.2024 (54) FLEXIBLE SIPHON TO VIEW AND ADJUST LIQUID LEVEL		(71) Laurin, J. (21) 2024900101 (22) 16.01.2024 (54) Green Ant Off (green tree ant repellent)
		Macquarie University see Proveris Scientific Corporation (21) 2024900067

Provisional Applications Filed - Name Index cont'd

(71) Marshall, D.G. (21) 2024900078 (22) 12.01.2024 (54) A tape dispenser	(71) Proveris Scientific Corporation; The University of Sydney; Macquarie University (21) 2024900067 (22) 10.01.2024 (54) Spray Optical Patternator	(71) STIR PHARMA LIMITED (21) 2024900070 (22) 11.01.2024 (54) THERAPEUTIC METHODS AND RELATED COMPOSITIONS
(71) NewSouth Innovations Pty Limited (21) 2024900109 (22) 17.01.2024 (54) Apparatus for production of engineered cells	(71) Raindance Systems Pty Ltd (21) 2024900091 (22) 13.01.2024 (54) A System and Method for Initiating and Dispensing an Incendiary	(71) TAI, T.K. (21) 2024900096 (22) 15.01.2024 (54) COVER
(71) Oriel, E. (21) 2024900103 (22) 16.01.2024 (54) SYSTEM AND METHOD FOR DETERMINING THE LOCATION OF A DATA COMMUNICATIONS DEVICE	ResMed Asia Pte. Ltd. see ResMed Pty Ltd (21) 2024900104	(71) TAP Time And Place Pty Ltd (21) 2024900072 (22) 11.01.2024 (54) A POST-LIFE FORWARD PLANNING SYSTEM AND METHOD OF USE THEREOF
(71) Padley, J. (21) 2024900097 (22) 15.01.2024 (54) A method to store and transport bottles and glass in portable fridges and coolers	(71) ResMed Pty Ltd; ResMed Asia Pte. Ltd. (21) 2024900104 (22) 16.01.2024 (54) PATIENT INTERFACE	(71) The University of Newcastle (21) 2024900094 (22) 15.01.2024 (54) Method of forming a silicon tetrahalide
(71) PHILO IP LIMITED (21) 2024900107 (22) 16.01.2024 (54) Dynamic water treatment processing	(71) Ruff, S. (21) 2024900062 (22) 10.01.2024 (54) WHEELIE BIN GUARD	The University of Sydney see Proveris Scientific Corporation (21) 2024900067
(71) PICCININ, J. (21) 2024900080 (22) 12.01.2024 (54) Flat Pack Metal Vessel	(71) Ruff, S. (21) 2024900063 (22) 10.01.2024 (54) MECHANICAL FASTENER EXTRACTOR	(71) Tottenham, B. (21) 2024900106 (22) 16.01.2024 (54) A Barber Chair
(71) Pirina, R. (21) 2024900089 (22) 12.01.2024 (54) Electronic plaything	Satur, R. see Platt, S. (21) 2024900098	(71) WEDGETAIL D-ZINE (21) 2024900083 (22) 12.01.2024 (54) Securing woodwork joints.
(71) Platt, S.; Satur, R.; Jackson, G. (21) 2024900098 (22) 15.01.2024 (54) Diagnostica - Aetiology, Anatomic, Condition, Comorbidity, ASA (American Society of Anaesthesiology), Diagnosis Matrix (AACCASAD Diagnosis Matrix) for Foot and Ankle disease classification; A standalone accurate diagnostic coding entity and an intermediate step to ICD (International Classification of Diseases) coding for foot and ankle conditions.	(71) Scolaro, A. (21) 2024900102 (22) 16.01.2024 (54) A Power Drive	
(71) Plotlogic Pty Ltd (21) 2024900076 (22) 11.01.2024 (54) Mining Conveyor	Sheppard, R. see Hennessy, L. (21) 2024900092	
(71) Plotlogic Pty Ltd (21) 2024900087 (22) 12.01.2024 (54) Mining Truck Scanner	(71) SITKA HOLDINGS PTY LTD (21) 2024900079 (22) 12.01.2024 (54) Multi-Purpose Exercise Apparatus	
(71) Power, R. (21) 2024900056 (22) 10.01.2024 (54) Scaffgrip scaffolding anchor	(71) SKYLOS ECOLOGY PTY LTD. (21) 2024900075 (22) 11.01.2024 (54) A MULTIPURPOSE TOOL	
	(71) STA Holdings Pty Ltd (21) 2024900108 (22) 16.01.2024 (54) Spring Arrangement	
	(71) Stevenson, R. (21) 2024900084 (22) 12.01.2024 (54) COMPOSITION AND METHOD FOR TREATMENT OF EQUINE EXERCISE-INDUCED PULMONARY HAEMORRHAGE	

Numerical Index

2024900056	Power, R.
2024900061	French, J.
2024900062	Ruff, S.
2024900063	Ruff, S.
2024900064	ALLY MEDTECH PTY LTD
2024900065	ALLY MEDTECH PTY LTD
2024900066	Commonwealth Scientific and Industrial Research Organisation
2024900067	Proveris Scientific Corporation; The University of Sydney; Macquarie University
2024900068	Crazy White Girl Pty Ltd
2024900069	Huynh, Q.; Huynh, N.
2024900070	STIR PHARMA LIMITED
2024900071	Dillon-Smith, N.
2024900072	TAP Time And Place Pty Ltd
2024900073	Alcoa of Australia Limited
2024900074	Aquanex Pty Ltd
2024900075	SKYLOS ECOLOGY PTY LTD.
2024900076	Plotlogic Pty Ltd
2024900077	Children's Medical Research Institute
2024900078	Marshall, D.G.
2024900079	SITKA HOLDINGS PTY LTD
2024900080	PICCININ, J.
2024900081	Clean Powr Pty Ltd
2024900082	Genics Holdings Pty Ltd
2024900083	WEDGETAIL D-ZINE
2024900084	Stevenson, R.
2024900085	Breville Pty Limited
2024900086	Hilton, J.
2024900087	Plotlogic Pty Ltd
2024900088	Automatix Ltd
2024900089	Pirina, R.
2024900090	Efx Medical Technologies Pty Ltd
2024900091	Raindance Systems Pty Ltd
2024900092	Hennessy, L.; Sheppard, R.
2024900093	King, K.; King, M.
2024900094	The University of Newcastle
2024900095	Cufone, R.
2024900096	TAI, T.K.
2024900097	Padley, J.
2024900098	Platt, S.; Satur, R.; Jackson, G.
2024900099	Black Rock Vanguard Group INC
2024900100	1Stop Building Group Pty Ltd
2024900101	Laurin, J.
2024900102	Scolaro, A.
2024900103	Oriel, E.
2024900104	ResMed Pty Ltd; ResMed Asia Pte. Ltd.
2024900105	Charlton, T.
2024900106	Tottenham, B.
2024900107	PHILO IP LIMITED
2024900108	STA Holdings Pty Ltd
2024900109	NewSouth Innovations Pty Limited

Complete Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 9 Jan 2024 .

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

(71) Abiomed, Inc. (21) 2024200248 (22) 15.01.2024 (54) Systems and methods for capturing data from a medical device	(71) Aristocrat Technologies, Inc. (21) 2024200161 (22) 10.01.2024 (54) AUTOMATED GROUPING SYSTEM AND METHOD FOR A MERGE AND MATCH GAME MECHANIC	(71) Bloom Technology, Inc. (21) 2024200171 (22) 11.01.2024 (54) DAG-AWTC LEDGER SYSTEM USING BFT VERIFICATION CONSENSUS MECHANISM
(71) Adobe Inc. (21) 2024200170 (22) 11.01.2024 (54) MACHINE LEARNING-BASED LAYOUT GENERATION	(71) Aurigene Oncology Limited (21) 2024200257 (22) 15.01.2024 (54) 1,2,4-oxadiazole and thiadiazole compounds as immunomodulators	(71) Bouchier Pty Ltd (21) 2024200245 (22) 15.01.2024 (54) SOUND SUPPRESSOR
(71) Allergan Industrie, SAS (21) 2024200249 (22) 15.01.2024 (54) Dermal filler compositions	(71) Avadain, LLC (21) 2024200233 (22) 12.01.2024 (54) GRAPHENE AND THE PRODUCTION OF GRAPHENE	(71) BrightSeed, Inc.; Sanford-Burnham Medical Research Institute (21) 2024200300 (22) 17.01.2024 (54) Method for improving digestive health
(71) Angel Group Co., Ltd. (21) 2024200262 (22) 16.01.2024 (54) UNMANNED TRANSPORT SYSTEM	(71) B1 INSTITUTE OF IMAGE TECHNOLOGY, INC. (21) 2024200258 (22) 15.01.2024 (54) Image encoding/decoding method and device	(71) Brilliant Light Power, Inc. (21) 2024200214 (22) 12.01.2024 (54) Magnetohydrodynamic electric power generator
(71) Anglo American Technical & Sustainability Services Ltd (21) 2024200166 (22) 11.01.2024 (54) Drainage structure	(71) Becton, Dickinson and Company (21) 2024200174 (22) 11.01.2024 (54) Rack for sample tubes	(71) Burzynski, S. (21) 2024200203 (22) 12.01.2024 (54) Methods for the treatment of recurrent glioblastoma (RGBM)
(71) Apple Inc. (21) 2024200190 (22) 11.01.2024 (54) Presenting avatars in three-dimensional environments	(71) Bio-Gene Technology Limited (21) 2024200229 (22) 12.01.2024 (54) Control of Resistant Pests	(71) Canon Kabushiki Kaisha (21) 2024200278 (22) 16.01.2024 (54) Cartridge, and electrophotographic image forming apparatus which uses cartridge
(71) Apple Inc. (21) 2024200283 (22) 16.01.2024 (54) Methods and interfaces for home media control	(71) BioNTech SE; TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH (21) 2024200226 (22) 12.01.2024 (54) INDIVIDUALIZED VACCINES FOR CANCER	(71) Capital Confirmation Inc (21) 2024200307 (22) 17.01.2024 (54) SYSTEMS AND METHODS FOR OBTAINING ACCOUNTANT PREPARED FINANCIAL STATEMENT CONFIRMATION
(71) Apple Inc. (21) 2024200284 (22) 16.01.2024 (54) Displaying user interfaces associated with physical activities	(71) Bios-Therapy, Physiological Systems for Health S.p.A. (21) 2024200219 (22) 12.01.2024 (54) VALIDATION OF NATURAL MATRICES FOR THERAPEUTIC USE ON HUMANS, ANIMALS AND PLANTS ON BIO-PHYSICAL BASES AS AN ALTERNATIVE TO VALIDATION THROUGH CHEMICALLY DEFINABLE SUBSTANCES DERIVED FROM SAID MATRICES BY ISOLATION AND/OR SYNTHESIS PROCESSES AND ALSO AS AN ALTERNATIVE TO PRODUCTS COMPRISING NATURAL MATRICES VALIDATED ON THE BASIS OF THEIR TRADITIONAL USE.	(71) Capital One Services, LLC (21) 2024200153 (22) 10.01.2024 (54) Authentication for third party digital wallet provisioning
(71) Applied Medical Resources Corporation (21) 2024200186 (22) 11.01.2024 (54) Reload shaft assembly for surgical stapler		(71) CareFusion 303, Inc. (21) 2024200185 (22) 11.01.2024 (54) Umbrella check valve
(71) Arbutus Biopharma Corporation (21) 2024200270 (22) 16.01.2024 (54) SCREENING METHOD FOR SELECTED AMINO LIPID-CONTAINING COMPOSITIONS		(71) Chen, C.H. (21) 2024200210 (22) 12.01.2024

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(54) DEVICE AND SYSTEM FOR DETERMINING PROPERTY OF OBJECT

(71) Chongqing Changan Automobile Co., Ltd.
(21) 2024200289 (22) 17.01.2024
(54) SKIN CHANGING METHOD AND APPARATUS FOR DISPLAY INTERFACE, VEHICLE AND STORAGE MEDIUM

(71) CI Surfboards, LLC
(21) 2024200286 (22) 16.01.2024
(54) Surfboard Leash

(71) CompoSecure, LLC
(21) 2024200195 (22) 11.01.2024
(54) TRANSACTION CARDS WITH DISCONTINUOUS METAL STRATA

(71) ConocoPhillips Company
(21) 2024200201 (22) 12.01.2024
(54) ALTERNATIVE TWO COLUMN HRU DESIGN WITH RICH REFLUX

(71) Crown Equipment Corporation
(21) 2024200207 (22) 12.01.2024
(54) MATERIALS HANDLING VEHICLE OPERATING SYSTEM COMPRISING REMEDIAL INDICATOR TAGS

(71) DECORUM MEDICAL INNOVATIONS, LLC
(21) 2024200021 (22) 02.01.2024
(54) IRRIGATING CANNULA SYSTEM

(71) Deere & Company
(21) 2024200205 (22) 12.01.2024
(54) Skid steer loader power boost

(71) Deere & Company
(21) 2024200290 (22) 17.01.2024
(54) Agricultural equipment with acoustic/vibration sensor and signal processing system

(71) Deere & Company
(21) 2024200292 (22) 17.01.2024
(54) Agricultural equipment with acoustic/vibration sensor and signal processing system

(71) Deere & Company
(21) 2024200294 (22) 17.01.2024
(54) Automatically detecting or estimating material delivery delays and machine control

(71) DEKA Products Limited Partnership
(21) 2024200168 (22) 11.01.2024

(54) SENSOR APPARATUS SYSTEMS, DEVICES AND METHODS

(71) DLT Group Pty Ltd
(21) 2024200247 (22) 15.01.2024
(54) Two Position Mount for a Snowboard Binding

(71) Dolby International AB
(21) 2024200167 (22) 11.01.2024
(54) Layered coding for compressed sound or sound field representations

(71) Dongguan Saienchuangke Technology Co., Ltd
(21) 2024200242 (22) 15.01.2024
(54) TOY WATER BALL

(71) Drexel University
(21) 2024200227 (22) 12.01.2024
(54) Early detection of hepatocellular carcinoma

(71) Eberhardt GmbH
(21) 2024200299 (22) 17.01.2024
(54) Device or method for producing a food product from a portion of food

(71) ECHOSENS
(21) 2024200156 (22) 10.01.2024
(54) ELASTOGRAPHY DEVICE AND METHOD

(71) Ecolab USA Inc.
(21) 2024200266 (22) 16.01.2024
(54) Acidic/anionic antimicrobial and virucidal compositions and uses thereof

(71) Edwards Lifesciences Corporation
(21) 2024200222 (22) 12.01.2024
(54) Prosthetic valves with mechanically coupled leaflets

(71) eSat Global, Inc.
(21) 2024200279 (22) 16.01.2024
(54) Ghost beams in a satellite communication system

F. HOFFMANN-LA ROCHE AG see Genentech, Inc.
(21) 2024200220

(71) Flagship Pioneering Innovations VI, LLC
(21) 2024200298 (22) 17.01.2024
(54) COMPOSITIONS COMPRISING CIRCULAR POLYRIBONUCLEOTIDES AND USES THEREOF

(71) ForeverClean Australia
(21) 2024200240 (22) 15.01.2024
(54) Guttering incorporating gutter mesh into guttering

(71) Forrest, M.
(21) 2024200288 (22) 16.01.2024
(54) Therapeutic Modulators of the Reverse Mode of ATP Synthase

(71) Forté Healthcare Pty Ltd
(21) 2024200271 (22) 16.01.2024
(54) A HEALTHCARE SUPPORT SURFACE

(71) Geislinger Group GmbH
(21) 2024200212 (22) 12.01.2024
(54) SEALING DEVICE

(71) Genentech, Inc.; F. HOFFMANN-LA ROCHE AG
(21) 2024200220 (22) 12.01.2024
(54) Synthesis of quinazoline compounds

(71) Genmab B.V.
(21) 2024200261 (22) 15.01.2024
(54) Anti-DR5 antibodies and methods of use thereof

(71) Genovie AB
(21) 2024200154 (22) 10.01.2024
(54) An engineered multi-component system for identification and characterisation of T-cell receptors, T-cell antigens and their functional interaction

(71) Gilead Sciences, Inc.
(21) 2024200260 (22) 15.01.2024
(54) GLP-1R modulating compounds

(71) GLASS BOTTOM PTY LTD
(21) 2024200183 (22) 11.01.2024
(54) Infinite Self fuelling hydrogen/oxygen engine

(71) Globaltech Corporation Pty Ltd
(21) 2024200192 (22) 11.01.2024
(54) DEPLOYMENT OF DOWNHOLE SENSING DEVICE(S)

(71) Globeride, Inc.
(21) 2024200172 (22) 11.01.2024
(54) FISHING SPINNING REEL

(71) Globeride, Inc.
(21) 2024200173 (22) 11.01.2024
(54) LINE STOPPER DEVICE FOR FISHING SPINNING REEL

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(71) Globeride, Inc.
(21) 2024200263 (22) 16.01.2024
(54) FISHING SPINNING REEL

(71) Globeride, Inc.
(21) 2024200265 (22) 16.01.2024
(54) FISHING SPINNING REEL

(71) Globeride, Inc.
(21) 2024200269 (22) 16.01.2024
(54) FISHING SPINNING REEL

(71) Goldway Technology Limited
(21) 2024200250 (22) 15.01.2024
(54) Diamond clarity measurement process and system

(71) Google LLC
(21) 2024200224 (22) 12.01.2024
(54) DETECTING AND HANDLING FAILURES IN AUTOMATED VOICE ASSISTANTS

(71) Graphite Energy (Assets) Pty Limited
(21) 2024200188 (22) 11.01.2024
(54) AN ENERGY STORAGE DEVICE

(71) GSL IP PTY LTD
(21) 2024200159 (22) 10.01.2024
(54) Systems and methods for facilitating data transfer

(71) Halliburton Energy Services, Inc.
(21) 2024200244 (22) 15.01.2024
(54) Compositions and methods using subterranean treatment fluids comprising water-soluble polymers

(71) Hanwood Downs Pty Ltd
(21) 2024200193 (22) 11.01.2024
(54) DUCT FOR TRANSPORT REFRIGERATION UNIT

(71) Heartland Consumer Products, LLC
(21) 2024200178 (22) 11.01.2024
(54) Cold Brew Coffee Beverage And Method Of Making The Same

(71) Heraeus Medical GmbH
(21) 2024200291 (22) 17.01.2024
(54) SURGICAL CLEANING DEVICE WITH ADAPTER

(71) HONEYWELL INTERNATIONAL INC.
(21) 2024200213 (22) 12.01.2024
(54) STORAGE APPLIANCE FOR CONTROLLER PLATFORMS

(71) Immunolight, LLC
(21) 2024200182 (22) 11.01.2024
(54) Methods, devices, and compositions for measuring and inducing cell-to-cell communication, and therapeutic uses thereof

(71) Implantica Patent Ltd
(21) 2024200234 (22) 12.01.2024
(54) Abdominal Instrument And Method

(71) Industrial Hans Co.Ltd.
(21) 2024200165 (22) 11.01.2024
(54) HEAT INSULATION AND FIRE PREVENTION STRUCTURE

(71) Integrity Security Services, LLC
(21) 2024200274 (22) 16.01.2024
(54) Cloaking authority system

(71) Ionis Pharmaceuticals, Inc.
(21) 2024200296 (22) 17.01.2024
(54) CONJUGATED ANTISENSE COMPOUNDS AND THEIR USE

Jinko Solar Co., Ltd. see Zhejiang Jinko Solar Co., Ltd.
(21) 2024200285

(71) Joffee, N.
(21) 2024200181 (22) 11.01.2024
(54) Anti Viral, Anti Inflammatory and Senolytic Neutraceutical

(71) JSP Limited
(21) 2024200280 (22) 16.01.2024
(54) Safety Helmet

(71) KABUSHIKI KAISHA TOSHIBA; TOSHIBA ENERGY SYSTEMS & SOLUTIONS CORPORATION
(21) 2024200204 (22) 12.01.2024
(54) Energy management system, energy management method, and computer program

(71) L&K Biomed Co., Ltd.
(21) 2024200267 (22) 16.01.2024
(54) Oblique lateral vertebral fusion cage

(71) Lam, T.T.
(21) 2024200196 (22) 11.01.2024
(54) MAGNETIC FIXED RATIO TRANSMISSION

(71) Lam, T.T.
(21) 2024200197 (22) 11.01.2024
(54) MAGNETIC SHAFT LEVITATOR

(71) Lam, T.T.
(21) 2024200198 (22) 11.01.2024
(54) MULTI STAGE GENERATOR

(71) Lam, T.T.
(21) 2024200199 (22) 11.01.2024
(54) ROTOR LEVITATED GENERATOR

(71) Lam, T.T.
(21) 2024200302 (22) 17.01.2024
(54) MACHINE LEARNING BASED MULTI OBJECTIVE OPTIMAL CONTROL SYSTEM FOR MAGNETIC SHAFT LEVITATORS

(71) Lam, T.T.
(21) 2024200303 (22) 17.01.2024
(54) MACHINE LEARNING BASED MULTI OBJECTIVE OPTIMAL CONTROL SYSTEM FOR ELECTRIC GENERATORS

(71) LGC Clinical Diagnostics, Inc.
(21) 2024200120 (22) 09.01.2024
(54) Methods for preparing DNA reference material and controls

(71) LG Electronics Inc.
(21) 2024200216 (22) 12.01.2024
(54) TRANSFORM-BASED IMAGE CODING METHOD AND DEVICE THEREFOR

(71) LG Electronics Inc.
(21) 2024200272 (22) 16.01.2024
(54) FILTERING-BASED IMAGE CODING DEVICE AND METHOD

(71) LG ELECTRONICS INC.
(21) 2024200152 (22) 10.01.2024
(54) WATER PURIFYING APPARATUS AND REFRIGERATOR INCLUDING THE SAME

(71) MAKO Surgical Corp.
(21) 2024200215 (22) 12.01.2024
(54) Systems and methods for intra-operative pelvic registration

(71) Memorial Sloan-Kettering Cancer Center
(21) 2024200228 (22) 12.01.2024
(54) Methods and compositions for reducing Clostridium difficile infection

(71) Meso Scale Technologies, LLC.
(21) 2024200180 (22) 11.01.2024
(54) Assay Apparatuses, Methods and Reagents Including Devices and Methods For Reducing Crosstalk Between CCD Measurements

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(71) Nokia Technologies Oy
(21) 2024200276 (22) 16.01.2024
(54) Method and apparatus for security realization of connections over heterogeneous access networks

(71) NUVERA FUEL CELLS, LLC
(21) 2024200225 (22) 12.01.2024
(54) Flow fields for use with an electrochemical cell

(71) Ocado Innovation Limited
(21) 2024200239 (22) 15.01.2024
(54) Load-handling device

(71) Officine Maccaferri S.p.A.
(21) 2024200206 (22) 12.01.2024
(54) Machine and method for manufacturing a reinforced net and reinforced net

(71) Omega Ophthalmics LLC
(21) 2024200281 (22) 16.01.2024
(54) Prosthetic capsular devices, systems, and methods

(71) PayPal, Inc.
(21) 2024200211 (22) 12.01.2024
(54) Dynamically rendered interface elements during online chat sessions

(71) Plotlogic Pty Ltd
(21) 2024200189 (22) 11.01.2024
(54) Mining Conveyor

(71) Plotlogic Pty Ltd
(21) 2024200223 (22) 12.01.2024
(54) Mining truck scanner

(71) Presage Biosciences, Inc.
(21) 2024200194 (22) 11.01.2024
(54) Pharmaceutical combinations for the treatment of cancer

(71) Rail-Veyor Technologies Global Inc.
(21) 2024200293 (22) 17.01.2024
(54) Control system for an improved rail transport system for conveying bulk materials

(71) Reading Doctor Pty Ltd
(21) 2024200287 (22) 16.01.2024
(54) TEACHING AND ASSESSMENT METHODS AND SYSTEMS

(71) Rodriguez, R.
(21) 2024200235 (22) 12.01.2024

(54) METHODS AND SYSTEMS FOR DETERMINING THE AUTHENTICITY OF AN IDENTITY DOCUMENT

(71) Ryvu Therapeutics S.A.
(21) 2024200264 (22) 16.01.2024
(54) Heterocyclic compounds as modulators of Stimulator of Interferon Genes (STING)

(71) Sage Therapeutics, Inc.
(21) 2024200254 (22) 15.01.2024
(54) Oxysterols and methods of use thereof

(71) Sage Therapeutics, Inc.
(21) 2024200268 (22) 16.01.2024
(54) Oxysterols and methods of use thereof

Sanford-Burnham Medical Research Institute see BrightSeed, Inc.
(21) 2024200300

(71) Scarab Genomics, LLC
(21) 2024200209 (22) 12.01.2024
(54) Methods And Compositions For Improved Expression Of Recombinant Proteins

(71) SCHLAGE LOCK COMPANY LLC
(21) 2024200251 (22) 15.01.2024
(54) DOOR HARDWARE NOISE REDUCTION AND EVALUATION

(71) SDB IP Holdings, LLC
(21) 2024200202 (22) 12.01.2024
(54) System, method, and apparatus for monitoring restroom appliances

(71) Seagen, Inc.
(21) 2024200157 (22) 10.01.2024
(54) Anti-TIGIT antibodies

(71) Sensile Medical AG
(21) 2024200230 (22) 12.01.2024
(54) Medical injection device

(71) Sensile Medical AG
(21) 2024200231 (22) 12.01.2024
(54) Needle safety device

(71) Sensile Medical AG
(21) 2024200232 (22) 12.01.2024
(54) Needle safety device

(71) ServiceNow, Inc.
(21) 2024200243 (22) 15.01.2024
(54) Data record correlation and migration

(71) Snap-on Incorporated
(21) 2024200208 (22) 12.01.2024
(54) DEAD BLOW SLIDE HAMMER

(71) Spectrum Brands, Inc.
(21) 2024200252 (22) 15.01.2024
(54) Combination hair styling apparatus with positionable heating plate covers

(71) Strata Products Worldwide, LLC
(21) 2024200218 (22) 12.01.2024
(54) Polymer Composite Timber Pile and Methods

(71) Strata Safety Products, LLC
(21) 2024200282 (22) 16.01.2024
(54) Electromagnetic field adjustment for proximity detection

(71) Stryker Corporation
(21) 2024200162 (22) 10.01.2024
(54) Powered surgical drill with integral depth gauge that includes a probe that slides over the drill bit

(71) Swan Hill Engineering Pty Ltd
(21) 2024200160 (22) 10.01.2024
(54) Structure Support

(71) Taicang Dongtai Precision Machinery Co., Ltd.
(21) 2024200164 (22) 11.01.2024
(54) AUTOMOBILE ROOF LIFTING MECHANISM

(71) Taizhou Runjie Logistics Safety Equipment Technology Co., Ltd.
(21) 2024200236 (22) 12.01.2024
(54) SAFELY WINDING WEBBING AND TENSIONING DEVICE CONTROLLED BY INERTIA CENTRIFUGAL FORCE

(71) Tanaka, Y.
(21) 2024200277 (22) 16.01.2024
(54) Confirming method of membership

(71) Techtronic Cordless GP
(21) 2024200175 (22) 11.01.2024
(54) Lawn mowers and associated features and methods

(71) The Board of Trustees of the Leland Stanford Junior University
(21) 2024200148 (22) 10.01.2024
(54) ENPP1 inhibitors and their use for the treatment of cancer

(71) THE CHAMBERLAIN GROUP LLC
(21) 2024200246 (22) 15.01.2024

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(54) METHOD AND APPARATUS TO FACILITATE TRANSMISSION OF AN ENCRYPTED ROLLING CODE

(71) THE EIGHTH AFFILIATED HOSPITAL, SUN YAT-SEN UNIVERSITY

(21) 2024200217 (22) 12.01.2024

(54) USE OF [1,2,4] TRIAZOLO [4,3-B] PYRIDAZINE DERIVATIVE FOR PREVENTING AND TREATING SENESCENCE AND SENESCENCE-RELATED DISEASES

(71) The Toro Company

(21) 2024200191 (22) 11.01.2024

(54) AUTONOMOUS GROUND SURFACE TREATMENT SYSTEMS, VEHICLES, AND METHODS

(71) Toshiba Energy Systems & Solutions Corporation

(21) 2024200241 (22) 15.01.2024

(54) Rotary electric machine managing system

(71) Toshiba Energy Systems & Solutions Corporation

(21) 2024200275 (22) 16.01.2024

(54) Steam turbine rotor blade thinning amount managing apparatus

TOSHIBA ENERGY SYSTEMS & SOLUTIONS CORPORATION see KABUSHIKI KAISHA TOSHIBA

(21) 2024200204

(71) TRACTO-TECHNIK GmbH & Co. KG

(21) 2024200253 (22) 15.01.2024

(54) TO BE ADVISED

(71) TRACTO-TECHNIK GmbH & Co. KG

(21) 2024200255 (22) 15.01.2024

(54) TO BE ADVISED

(71) Translational Drug Development, LLC

(21) 2024200295 (22) 17.01.2024

(54) AMIDE COMPOUNDS AS KINASE INHIBITORS, COMPOSITIONS AND METHODS OF TREATMENT

(71) Transportation IP Holdings, LLC

(21) 2024200169 (22) 11.01.2024

(54) RAILWAY ANCHOR APPLICATOR MACHINE

(71) Transportation IP Holdings, LLC

(21) 2024200176 (22) 11.01.2024

(54) WAYSIDE DEVICE MONITORING SYSTEM AND METHOD

(71) TRIGO VISION LTD.

(21) 2024200256 (22) 15.01.2024

(54) ITEM IDENTIFICATION AND TRACKING SYSTEM

TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH see BioNTech SE

(21) 2024200226

(71) VARTA Microbattery GmbH

(21) 2024200146 (22) 10.01.2024

(54) Adapter for coupling a battery management device

(71) VERTEX PHARMACEUTICALS INCORPORATED

(21) 2024200273 (22) 16.01.2024

(54) PHARMACEUTICAL COMPOSITIONS FOR THE TREATMENT OF CFTR MEDIATED DISEASES

(71) Victaulic Company

(21) 2024200184 (22) 11.01.2024

(54) Dry sprinkler assembly

(71) Visser, D.

(21) 2024200187 (22) 11.01.2024

(54) Composite Building Panel and Shell

(71) Vitale, L.

(21) 2024200200 (22) 11.01.2024

(54) Bathtub Splash Water Guard

(71) Whalin, A.

(21) 2024200237 (22) 14.01.2024

(54) Self-supporting Torpedo Level

(71) Whirlpool Corporation

(21) 2024200163 (22) 11.01.2024

(54) Food Processor Optimized Dicing Kit System

(71) Wix.com Ltd.

(21) 2024200221 (22) 12.01.2024

(54) Editing a database during preview of a virtual web page

(71) Wonderland Switzerland AG

(21) 2024200155 (22) 10.01.2024

(54) Unlock device and stroller

(71) Wonderland Switzerland AG

(21) 2024200158 (22) 10.01.2024

(54) Child stroller apparatus

(71) Yang, H.

(21) 2024200179 (22) 11.01.2024

(54) System And Method For Sharing Rights To Be Received

(71) YEOH LIM, K.C.

(21) 2024200238 (22) 14.01.2024

(54) All Seeing Eyes Housing System

(71) Zhejiang Jinko Solar Co., Ltd.; Jinko Solar Co., Ltd.

(21) 2024200285 (22) 16.01.2024

(54) PHOTOVOLTAIC CELL AND PHOTOVOLTAIC MODULE

(71) Zhongshan Powtek Appliances Mfg., Ltd.

(21) 2024200259 (22) 15.01.2024

(54) HEATING MODULE FOR RECREATIONAL VEHICLES

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2024200197	Lam, T.T.	2024200263	Globeride, Inc.
2024200198	Lam, T.T.	2024200264	Ryvu Therapeutics S.A.
2024200199	Lam, T.T.	2024200265	Globeride, Inc.
2024200200	Vitale, L.	2024200266	Ecolab USA Inc.
2024200201	ConocoPhillips Company	2024200267	L&K Biomed Co., Ltd.
2024200202	SDB IP Holdings, LLC	2024200268	Sage Therapeutics, Inc.
2024200203	Burzynski, S.	2024200269	Globeride, Inc.
2024200204	KABUSHIKI KAISHA TOSHIBA; TOSHIBA ENERGY SYSTEMS & SOLUTIONS CORPORATION	2024200270	Arbutus Biopharma Corporation
2024200205	Deere & Company	2024200271	Forté Healthcare Pty Ltd
2024200206	Officine Maccaferri S.p.A.	2024200272	LG Electronics Inc.
2024200207	Crown Equipment Corporation	2024200273	VERTEX PHARMACEUTICALS INCORPORATED
2024200208	Snap-on Incorporated	2024200274	Integrity Security Services, LLC
2024200209	Scarab Genomics, LLC	2024200275	Toshiba Energy Systems & Solutions Corporation
2024200210	Chen, C.H.	2024200276	Nokia Technologies Oy
2024200211	PayPal, Inc.	2024200277	Tanaka, Y.
2024200212	Geislinger Group GmbH	2024200278	Canon Kabushiki Kaisha
2024200213	HONEYWELL INTERNATIONAL INC.		
2024200214	Brilliant Light Power, Inc.		

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2024200279	eSat Global, Inc.
2024200280	JSP Limited
2024200281	Omega Ophthalmics LLC
2024200282	Strata Safety Products, LLC
2024200283	Apple Inc.
2024200284	Apple Inc.
2024200285	Zhejiang Jinko Solar Co., Ltd.; Jinko Solar Co., Ltd.
2024200286	CI Surfboards, LLC
2024200287	Reading Doctor Pty Ltd
2024200288	Forrest, M.
2024200289	Chongqing Changan Automobile Co., Ltd.
2024200290	Deere & Company
2024200291	Heraeus Medical GmbH
2024200292	Deere & Company
2024200293	Rail-Veyor Technologies Global Inc.
2024200294	Deere & Company
2024200295	Translational Drug Development, LLC
2024200296	Ionis Pharmaceuticals, Inc.
2024200298	Flagship Pioneering Innovations VI, LLC
2024200299	Eberhardt GmbH
2024200300	BrightSeed, Inc.; Sanford-Burnham Medical Research Institute
2024200302	Lam, T.T.
2024200303	Lam, T.T.
2024200307	Capital Confirmation Inc

Innovation Patent Applications Filed**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 9 Jan 2024 .
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

(71) Apple Inc.
(21) 2024100001 (22) 12.01.2024
(54) User interfaces for subscription applica-
tions
(62) 2023100046

(71) Warbrook Enterprises Pty Ltd
(21) 2024100000 (22) 11.01.2024
(54) Stand Pipe Apparatus
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Applications Lapsed, Refused Or Withdrawn, Patents Ceased or Expired

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

The codes next to each number have the following meanings:

Code Meaning

1	Application Lapsed Section 142(2)(a)
3	Application Lapsed Section 142(2)(c)
4	Application Lapsed Section 142(2)(d)
5	Application Lapsed Section 142(2)(e)
6	Application Lapsed Section 142(2)(f)/Reg. 13.5A(2)\Reg. 8.3(3)
7	Application Lapsed Reg. 3.2A(3)/Reg. 3.2C
8	Application Lapsed Reg. 3.4(6)
9	Application Lapsed Section 142(3)
11	Application Lapsed Section 148(1)(c)
12	Application Withdrawn Section 141(1)
13	Application Withdrawn Section 141(2)/Reg 13.1C\Section 141(3)/See Reg 8.3(2)
14	Patent Ceased Section 143(a), or Expired
15	Patent Ceased Section 143(b)
16	Application Refused
17	Application Lapsed Reg. 22.2B(2)
18	Application Lapsed Reg. 3.2B(3),(5) or (6)
20	Patent Ceased Section 143A(b)/Reg. 22.2D(2) or (4)
21	Patent Ceased Section 101C(b)/Section 143A(c)/Reg. 9A.4
22	Patent Ceased Section 143A(d), or Expired
23	Patent Ceased Section 143A(e)
24	Application Lapsed Reg. 22.2E(2)
25	Application Lapsed Reg. 22.2I(2)
26	Application Lapsed Reg. 3.5AC(11)
27	Application Lapsed Reg. 3.5AF(2F)
28	Application Lapsed Reg. 22.15A(3)
A	Applications on which examination has not been requested or directed
B	Applications on which a direction to request examination has been given
C	Applications on which examination has been requested or on which an examination report has been issued
D	Applications which have been accepted or advertised accepted
E	Patents on which an examination has not been requested
F	Patents on which an examination has been requested or report issued
G	Patents Certified
N	Applications not Open to Public Inspection

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 2022256103 (4C)

2023

2023200154 (4C) 2023201223 (4C) 2023202837 (4C)
 2023251464 (12C) 2023251466 (1B) 2023254868 (1B)

2023258459 (7BN) 2023262378 (12AN) 2023263433 (7AN)
 2023900067 (12AN) 2023901810 (12AN) 2023903277 (17AN)

2024

2024200099 (12AN)

Assignments before Grant, Section 113

2018

2018300011 CareFusion 2200, Inc. The application has been assigned to **STERIS Corporation**

2018323865 CareFusion 2200, Inc. The application has been assigned to **STERIS Corporation**

2018324111 Excel Med, LLC; National Cheng Kung University The application has been assigned to **National Cheng Kung University**

2019

2019235613 Capsular Technologies Pty Ltd The application has been assigned to **Swinburne University of Technology**

2019237364 Techlamed S.r.l.; Gruppo Scienza Macchinale S.r.l. The application has been assigned to **QFUSION SPINE S.r.l.**

2019284234 Ketofibe (9211-3133 Quebec Inc.) The application has been assigned to **Ketofibe (9500-0535 Quebec Inc.)**

2020

2020370497 AllClear ID, Inc. The application has been assigned to **SIGNICAT AS**

2021

2021209824 The Board of Trustees of the Leland Stanford Junior University; Fundación Instituto de Investigación Sanitaria de la Fundación Jiménez Díaz; Centro de Investigaciones Energéticas, Medio Ambientales y Tecnológicas, O.A., M.P.; Consorcio Centro de Investigación Biomédica en Red; Universidad Carlos III de Madrid The application has been assigned to **Universidad Carlos III de Madrid; Centro de Investigaciones Energéticas, Medio Ambientales y Tecnológicas, O.A., M.P.; Consorcio Centro de Investigación Biomédica en Red; Fundación Instituto de Investigación Sanitaria de la Fundación Jiménez Díaz**

2021217512 FLSmith A/S The application has been assigned to **Koch Solutions GmbH**

2021284461 Theraly Fibrosis, Inc. The application has been assigned to **Neuraly Inc.**

2021350567 BIOCOMPATIBLES UK LIMITED The application has been assigned to **Boston Scientific Medical Device Limited**

2021372249 DATTO, INC. The application has been assigned to **KASEYA US LLC**

2021393426 RANSON, Robert The application has been assigned to **Win-Shield Medical Devices Inc.**

2021404942 FLSMIDT A/S The application has been assigned to **Koch Solutions GmbH**

Assignments before Grant, Section 113

2021415097 BIOSIP AB The application has been assigned to **SangLife Solutions AB**

2021415218 PEIJIA MEDICAL (SUZHOU) CO., LTD. The application has been assigned to **Sierra Valve LLC**

2022

2022201375 Taipei Medical University The application has been assigned to **Cytoarm Co., Ltd.**

2022218761 NIKKE MEDICAL CO., LTD.; JAPAN VAM & POVAL CO., LTD.; TOHOKU UNIVERSITY; SHIN-ETSU CHEMICAL CO., LTD. The application has been assigned to **Kyoto Medical Planning Co., Ltd.; SHIN-ETSU CHEMICAL CO., LTD.; JAPAN VAM & POVAL CO., LTD.; TOHOKU UNIVERSITY**

2022218772 VENARESOURCES, INC.; BUTLER, Jonathan Michael; REDDER, Timm Sebastian The application has been assigned to **VENARESOURCES, INC.**

2022254538 CHIYODA CORPORATION; GRIDINC The application has been assigned to **CHIYODA CORPORATION**

2023

2023202844 Second Genome, Inc. The application has been assigned to **Genevive, Inc.**

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.

2006

2006257712 **AquaTrip Pty Ltd** An application to extend the time from 14 Jun 2022 to 14 Oct 2023 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2016

2016316834 **Papadopoulos, M.** An application to extend the time from 26 Aug 2022 to 26 Dec 2023 in which to pay a renewal fee has been filed . Address for service - PIP Intellectual Property Limited Level 4 152 Quay St Auckland City 1010 NZ

2020

2020203736 **DepYmed Inc.** An application to extend the time from 19 Apr 2023 to 19 Nov 2023 in which to pay a renewal fee has been filed . Address for service - Allens Patent & Trade Mark Attorneys Deutsche Bank Place Corner Hunter and Phillip Streets SYDNEY NSW 2000 AU

Applications Allowed - Section 223(2)

2009

2009217223 **BREAKTHROUGH TECHNOLOGIES PTY LTD** The time in which to pay a renewal fee has been extended to 19 Sep 2023 . Ad-

Extensions of Time, Section 223

dress for service - BOSH IP Pty Ltd PO Box 24035 Melbourne VIC 3001 AU

2017

2017101809 **Darling, L.; Moloney, F.** the time in which to pay a renewal fee has been extended to 27 Aug 2023 . Address for service - Liam Darling 22a Hopkins St MEREWETHER NSW 2291 AU

2018

2018100039 **Darling, L.; MOLONEY, F.** The time in which to pay a renewal fee has been extended to 10 Sep 2023 . Address for service - Liam Darling 22a Hopkins St MEREWETHER NSW 2291 AU

2018257483 **AlgoTherapeutix** The time in which to pay the acceptance fee has been extended to 02 Feb 2024 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2019

2019211352 **Xeris Pharmaceuticals, Inc.; Joslin Diabetes Center, Inc.** The time in which to pay the continuation fee has been extended to 23 Sep 2023 . Address for service - Pizzey's Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2019249801 **Ati Properties LLC** The time in which to pay a continuation fee has been extended to 20 Oct 2023 . Address for service - K&L Gates Level 25 South Tower 525 Collins Street Melbourne VIC 3000 AU

2021

2021201890 **Nextremity Solutions, Inc.** The time in which to pay the acceptance fee has been extended to 02 Feb 2024 . Address for service - Zone Patents Limited 109 Willis Street Wellington 6011 NZ

2021201895 **Nextremity Solutions, Inc.** The time in which to pay the acceptance fee has been extended to 02 Feb 2024 . Address for service - Zone Patents Limited 109 Willis Street Wellington 6011 NZ

2021204606 **Shenzhen Enduring Biotech, Ltd.** the time in which to pay a continuation fee has been extended to 11 May 2023 . Address for service - Maxwells Patent & Trade Mark Attorneys Pty Ltd PO Box R1466 SYDNEY NSW 1225 AU

2021206922 **Integrated Technology Services IP Pty Ltd** in which to pay the acceptance fee has been extended to 09 Jan 2024 . Address for service - Pearce IP Pty Ltd L5, 20 Bond Street Sydney NSW 2000 AU

2021245124 **Goodrich, D.** in which to pay the acceptance fee has been extended to 05 Feb 2024 . Address for service - Allens Patent & Trade Mark Attorneys Level 37, 101 Collins Street Melbourne VIC 3000 AU

2021258041 **ROULAND, M.** The time in which to gain acceptance has been extended to 09 Apr 2024 . Address for service - Matthew Philip Rouland 56A Roberts Ave Mortdale NSW 2223 AU

2022

2022287100 **INNOVENT BIOLOGICS (SUZHOU) CO., LTD.** The time in which to enter the national phase has been extended to 04 Feb 2024 . Address for service - James & Wells Intellectual Property GPO Box 1301 CANBERRA ACT 2601 AU

Extensions of Time, Section 223

2023

2023233158 **Hamid, A.; Hamid, R.; Hamid, A.; Devi, R.** The time in which to file missing information has been extended to 26 Dec 2023 . Address for service - Aiaz Junior Hamid 49 Capricorn Bvd Green Valley NSW 2168 AU

2023233159 **Hamid, A.; Hamid, R.; Hamid, A.; Devi, R.** The time in which to file missing information has been extended to 26 Dec 2023 . Address for service - Aiaz Junior Hamid 49 Capricorn Bvd Green Valley NSW 2168 AU

2023233160 **Hamid, A.; Hamid, R.; Hamid, A.; Devi, R.** The time in which to file missing information has been extended to 26 Dec 2023 . Address for service - Aiaz Junior Hamid 49 Capricorn Bvd Green Valley NSW 2168 AU

2023233161 **Hamid, A.; Hamid, R.; Hamid, A.; Devi, R.** The time in which to file missing information has been extended to 26 Dec 2023 . Address for service - Aiaz Junior Hamid 49 Capricorn Bvd Green Valley NSW 2168 AU

2023233162 **Hamid, A.; Hamid, R.; Hamid, A.; Devi, R.** The time in which to file missing information has been extended to 26 Dec 2023 . Address for service - Aiaz Junior Hamid 49 Capricorn Bvd Green Valley NSW 2168 AU

2023233163 **Hamid, A.; Hamid, R.; Hamid, A.; Devi, R.** The time in which to file missing information has been extended to 26 Dec 2023 . Address for service - Aiaz Junior Hamid 49 Capricorn Bvd Green Valley NSW 2168 AU

2023233164 **Hamid, A.; Hamid, R.; Hamid, A.; Devi, R.** The time in which to file missing information has been extended to 26 Dec 2023 . Address for service - Aiaz Junior Hamid 49 Capricorn Bvd Green Valley NSW 2168 AU

2023233165 **Hamid, A.; Hamid, R.; Hamid, A.; Devi, R.** The time in which to file missing information has been extended to 26 Dec 2023 . Address for service - Aiaz Junior Hamid 49 Capricorn Bvd Green Valley NSW 2168 AU

2023233166 **Hamid, A.; Hamid, R.; Hamid, A.; Devi, R.** The time in which to file missing information has been extended to 26 Dec 2023 . Address for service - Aiaz Junior Hamid 49 Capricorn Bvd Green Valley NSW 2168 AU

2023233167 **Hamid, A.; Hamid, R.; Hamid, A.; Devi, R.** The time in which to file missing information has been extended to 26 Dec 2023 . Address for service - Aiaz Junior Hamid 49 Capricorn Bvd Green Valley NSW 2168 AU

2023233168 **Hamid, A.; Hamid, R.; Hamid, A.; Devi, R.** The time in which to file missing information has been extended to 26 Dec 2023 . Address for service - Aiaz Junior Hamid 49 Capricorn Bvd Green Valley NSW 2168 AU

2023233169 **Hamid, A.; Hamid, R.; Hamid, A.; Devi, R.** The time in which to file missing information has been extended to 26 Dec 2023 . Address for service - Aiaz Junior Hamid 49 Capricorn Bvd Green Valley NSW 2168 AU

2023233170 **Hamid, A.; Hamid, R.; Hamid, A.; Devi, R.** The time in which to file missing information has been extended to 26 Dec 2023 .

Extensions of Time, Section 223

Address for service - Aiaz Junior Hamid 49 Capricorn Bvd Green Valley NSW 2168 AU

2023233171 **Hamid, A.; Hamid, R.; Hamid, A.; Devi, R.** The time in which to file missing information has been extended to 26 Dec 2023 . Address for service - Aiaz Junior Hamid 49 Capricorn Bvd Green Valley NSW 2168 AU

2023237174 **The Trustees of the University of Pennsylvania; The Wistar Institute of Anatomy and Biology; Inovio Pharmaceuticals, Inc.** The time in which to request examination has been extended to 10 Jan 2024 . Address for service - FB Rice Pty Ltd Level 23, 44 Market Street Sydney NSW 2000 AU

2023248140 **Lynam, B.** The time in which to make a further application for a divisional patent has been extended to 23 Oct 2023 . Address for service - Patentec Patent Attorneys L11, 65 York Street Sydney NSW 2000 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.

2004

2004287895 A retrievable downhole tool and running tool **SCHLUMBERGER TECHNOLOGY CORPORATION ; SCHLUMBERGER CANADA LIMITED ; SERVICES PETROLIERS SCHLUMBERGER ; Schlumberger Technology B.V.** The nature of the amendment is: The nature of the amendment is: Amend the names of the Patentees to remove SCHLUMBERGER TECHNOLOGY CORPORATION; SCHLUMBERGER CANADA LIMITED and SERVICES PETROLIERS SCHLUMBERGER . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2009

2009331570 Antibodies against tissue factor pathway inhibitor **Novo Nordisk A/S** The nature of the amendment is as shown in the statement(s) filed 20 Nov 2023 . Address for service - Pearce IP Pty Ltd L5, 20 Bond St SYDNEY NSW 2000 AU

2010

2010201064 A downhole tool and a running tool for retrievably setting a downhole tool at locations within a well bore **SCHLUMBERGER TECHNOLOGY CORPORATION ; SCHLUMBERGER CANADA LIMITED ; SERVICES PETROLIERS SCHLUMBERGER ; Schlumberger Technology B.V.** The nature of the amendment is: DELETE APPLICANTS: SCHLUMBERGER TECHNOLOGY CORPORATION, SCHLUMBERGER CANADA LIMITED & SERVICES PETROLIERS SCHLUMBERGER . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2012

2012327866 A downhole tool **SCHLUMBERGER TECHNOLOGY CORPORATION ; SCHLUMBERGER CANADA LIMITED ; SER-**

Amendments

VICES PETROLIERS SCHLUMBERGER ; Schlumberger Technology B.V. The nature of the amendment is: The nature of the amendment is: Amend the names of the Patentees to remove SCHLUMBERGER TECHNOLOGY CORPORATION; SCHLUMBERGER CANADA LIMITED and SERVICES PETROLIERS SCHLUMBERGER . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2013

2013285227 Downhole anchoring tool **SCHLUMBERGER TECHNOLOGY CORPORATION ; SCHLUMBERGER CANADA LIMITED ; SERVICES PETROLIERS SCHLUMBERGER ; Schlumberger Technology B.V.** The nature of the amendment is: Amend the names of the Patentees to remove SCHLUMBERGER TECHNOLOGY CORPORATION; SCHLUMBERGER CANADA LIMITED and SERVICES PETROLIERS SCHLUMBERGER . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2015

2015233160 Seal arrangement **SCHLUMBERGER TECHNOLOGY CORPORATION ; SCHLUMBERGER CANADA LIMITED ; SERVICES PETROLIERS SCHLUMBERGER ; Schlumberger Technology B.V.** The nature of the amendment is: Amend the names of the Patentees to remove SCHLUMBERGER TECHNOLOGY CORPORATION; SCHLUMBERGER CANADA LIMITED and SERVICES PETROLIERS SCHLUMBERGER . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2016

2016207841 Downhole actuator device, apparatus, setting tool and methods of use **SCHLUMBERGER TECHNOLOGY CORPORATION ; SCHLUMBERGER CANADA LIMITED ; SERVICES PETROLIERS SCHLUMBERGER ; Schlumberger Technology B.V.** The nature of the amendment is: Amend the names of the Patentees to remove SCHLUMBERGER TECHNOLOGY CORPORATION; SCHLUMBERGER CANADA LIMITED and SERVICES PETROLIERS SCHLUMBERGER . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2016376007 Expanding and collapsing apparatus and methods of use **SCHLUMBERGER TECHNOLOGY CORPORATION ; SCHLUMBERGER CANADA LIMITED ; SERVICES PETROLIERS SCHLUMBERGER ; Schlumberger Technology B.V.** The nature of the amendment is: Amend the names of the Patentees to remove SCHLUMBERGER TECHNOLOGY CORPORATION; SCHLUMBERGER CANADA LIMITED and SERVICES PETROLIERS SCHLUMBERGER . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2016376008 Downhole apparatus and methods of use **SCHLUMBERGER TECHNOLOGY CORPORATION ; SCHLUMBERGER CANADA LIMITED ; SERVICES PETROLIERS SCHLUMBERGER ; Schlumberger Technology B.V.** The nature of the amendment is: Amend the names of the Patentees to remove SCHLUMBERGER TECHNOLOGY CORPORATION; SCHLUMBERGER CANADA LIMITED and SERVICES PETROLIERS SCHLUMBERGER . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2016376009 Torque transfer apparatus and methods of use **SCHLUMBERGER TECHNOLOGY CORPORATION ; SCHLUMBERGER CANADA LIMITED ; SERVICES PETROLIERS SCHLUMBERGER ; Schlumberger Technology B.V.** The nature of the amendment is: Amend the names of the Patentees to remove SCHLUMBERGER TECHNOLOGY CORPORATION; SCHLUMBERGER CANADA LIMITED and SERVICES PETROLIERS SCHLUMBERGER . Address

Amendments

for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2017

2017213504 Apparatus for use in a fluid conduit **SCHLUMBERGER TECHNOLOGY CORPORATION ; SCHLUMBERGER CANADA LIMITED ; SERVICES PETROLIERS SCHLUMBERGER ; Schlumberger Technology B.V.** The nature of the amendment is: Amend the names of the Patentees to remove SCHLUMBERGER TECHNOLOGY CORPORATION; SCHLUMBERGER CANADA LIMITED and SERVICES PETROLIERS SCHLUMBERGER . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2017239597 A flushing tool and method of flushing perforated tubing **SCHLUMBERGER TECHNOLOGY CORPORATION ; SCHLUMBERGER CANADA LIMITED ; SERVICES PETROLIERS SCHLUMBERGER ; Schlumberger Technology B.V.** The nature of the amendment is: The nature of the amendment is: Amend the names of the Patentees to remove SCHLUMBERGER TECHNOLOGY CORPORATION; SCHLUMBERGER CANADA LIMITED and SERVICES PETROLIERS SCHLUMBERGER . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2017311512 Cell therapy compositions and methods of use thereof **Aurelius Biotherapeutics, LLC** The nature of the amendment is as shown in the statement(s) filed 10 Jan 2024 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2017359574 Expanding and collapsing apparatus and methods of use **SCHLUMBERGER TECHNOLOGY CORPORATION ; SCHLUMBERGER CANADA LIMITED ; SERVICES PETROLIERS SCHLUMBERGER ; Schlumberger Technology B.V.** The nature of the amendment is: Amend the names of the Patentees to remove SCHLUMBERGER TECHNOLOGY CORPORATION; SCHLUMBERGER CANADA LIMITED and SERVICES PETROLIERS SCHLUMBERGER . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2018

2018256646 Downhole tool **SCHLUMBERGER TECHNOLOGY CORPORATION ; SCHLUMBERGER CANADA LIMITED ; SERVICES PETROLIERS SCHLUMBERGER ; Schlumberger Technology B.V.** The nature of the amendment is: Amend the names of the Patentees to remove SCHLUMBERGER TECHNOLOGY CORPORATION; SCHLUMBERGER CANADA LIMITED and SERVICES PETROLIERS SCHLUMBERGER . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2018303360 Liquid source switch-over device **New Finance Services Inc.** The nature of the amendment is as shown in the statement(s) filed 18 Dec 2023 . Address for service - Armour IP Pty Ltd PO Box 3099 Broadway Nedlands WA 6009 AU

2020

2020202755 Delivery of mRNA for the augmentation of proteins and enzymes in human genetic diseases **Shire Human Genetic Therapies** The nature of the amendment is: Amend applicant name to Translate Bio, Inc. . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2020223671 Combination tumor immunotherapy **Checkmate Pharmaceuticals, Inc.** The nature of the amendment is as shown in the

Amendments

statement(s) filed 21 Dec 2023 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2020321977 Relaxin analogs and methods of using the same **Eli Lilly and Company** The nature of the amendment is as shown in the statement(s) filed 22 Dec 2023 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2021

2021201681 Emoji recording and sending **Apple Inc.** The nature of the amendment is as shown in the statement(s) filed 11 Jan 2024 . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

2021206903 Methods and systems for nucleic acid analysis and Quantification **Combinati Incorporated** The nature of the amendment is as shown in the statement(s) filed 09 Jan 2024 . Address for service - FB Rice Pty Ltd L 33 477 Collins Street Melbourne VIC 3000 AU

2021302454 Method for determining a state parameter of a receiver and an apparatus for performing such a method **Spaceopal GmbH ; ANavS GmbH** The nature of the amendment is as shown in the statement(s) filed 11 Jan 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2022

2022275141 HYDROGEN PRODUCTION SYSTEM AND HYDROGEN PRODUCTION METHOD **IHI CORPORATION** The nature of the amendment is as shown in the statement(s) filed 01 Dec 2023 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2023

2023216777 Compounds comprising cleavable linker and uses thereof **Intocell, Inc.** The nature of the amendment is as shown in the statement(s) filed 22 Dec 2023 . Address for service - Pearce IP Pty Ltd L5, 20 Bond Street Sydney NSW 2000 AU

Amendments Made

2017

2017209342 **Qi, Q.** The nature of the amendment is as shown in the statement(s) filed 16 Oct 2023

2017227776 **University of Florida Research Foundation, Inc.; The Trustees of the University of Pennsylvania** The nature of the amendment is as shown in the statement(s) filed 27 Sep 2023

2017295886 **Novartis AG; The Trustees of the University of Pennsylvania** The nature of the amendment is as shown in the statement(s) filed 23 Oct 2023

2019

2019205316 **Path Ex, Inc.** The nature of the amendment is: Amend the name of the inventor to read MILLER, Sinead E.; BACHMAN, Alan and RANSDEN, Jeffrey

2019208552 **InterDigital VC Holdings, Inc.** The nature of the amendment is: Amend the name of the inventor to read RICARD, Ju-

Amendments

lien; GUEDE, Céline; OLIVIER, Yannick; LLACH PINSACH, Joan and GENDRON, David

2019379808 **Arcus Biosciences, Inc.** The nature of the amendment is as shown in the statement(s) filed 18 Oct 2023

2019409989 **Breville Pty Limited** The nature of the amendment is: Amend the name of the inventor to read SIU, Eddie; THAI, Khon Minh and GENG, Bin

2020

2020307144 **QFE Holdings Pty. Ltd.** The nature of the amendment is as shown in the statement(s) filed 15 Sep 2023

2020364266 **Colgate-Palmolive Company** The nature of the amendment is as shown in the statement(s) filed 13 Oct 2023

2020460634 **Ningbo Fotile Kitchen Ware Co., Ltd.** The nature of the amendment is: Amend the invention title to read Air guide box and internal-circulation range hood thereof

2021

2021202433 **Sage Therapeutics, Inc.** The nature of the amendment is as shown in the statement(s) filed 23 Oct 2023

2021203840 **Emory University** The nature of the amendment is as shown in the statement(s) filed 16 Oct 2023

2021209824 **Universidad Carlos III de Madrid; Centro de Investigaciones Energéticas, Medio Ambientales y Tecnológicas, O.A., M.P.; Consorcio Centro de Investigación Biomédica en Red; The Board of Trustees of the Leland Stanford Junior University; Fundación Instituto de Investigación Sanitaria de la Fundación Jiménez Díaz** The nature of the amendment is: Amend the name of the inventor to read BONAFONT ARAGÓ, José; LARCHER LAGUZZI, Fernando; MURILLAS ANGOITI, Rodolfo; DEL RÍO NECHAEVSKY, Marcela; MENCÍA RODRIGUEZ, Ángeles; GARCÍA DÍEZ, Marta and ESCÁMEZ TOLEDANO, María José

2021381324 **CURIS, INC.** The nature of the amendment is: Amend the name of the inventor to read VON ROEMELING, Reinhard; UGOLKOV, Andrey; MARTELL, Robert and MARTINEZ, Elizabeth

2022

2022202568 **Kop-Coat, Inc.** The nature of the amendment is as shown in the statement(s) filed 26 Aug 2023

2022204316 **Gen-Probe Incorporated** The nature of the amendment is as shown in the statement(s) filed 24 Aug 2023

2022254933 **CURIS, INC.** The nature of the amendment is: Amend the name of the inventor to read VON ROEMELING, Reinhard; UGOLKOV, Andrey; MARTELL, Robert and MARTINEZ, Elizabeth

2022278542 **LAMB WESTON, INC.** The nature of the amendment is as shown in the statement(s) filed 13 Dec 2023

2022286340 **REGENERON PHARMACEUTICALS, INC.** The nature of the amendment is: Amend the invention title to read Microchip capillary electrophoresis assays and reagents

Amendments

2022290865 **The Scripps Research Institute** The nature of the amendment is: Amend the name of the inventor to read CHATTERJEE, Arnab, K.; CHEN, Jian, Jeffrey; NAKATH, Elshan; RAHIMI, Alireza; GUPTA, Anil, Kumar; GRABOVYI, Gennadii; WILSON, Katy; GHORAI, Sourav; NAZARIAN, Armen; PEDROARENA, James; MAZUMDAR, Wrickban; WEISS, Frank; SONG, Lirui; BAKOWSKI, Malina, A.; RIVA, Laura; WOLFF, Karen; MCNAMARA, Case, W.; ROGERS, Thomas, F.; MALVIN, Jacqueline; LI, Shuangwei; JOSEPH, Sean; WOODS, Ashley; LIU, Yuyin and OKWOR, Neechi

2022294773 **GI CELL, INC.; GI BIOME** The nature of the amendment is: Amend the invention title to read Use of lactobacillus fermentum strain and regulatory T cells for combination therapy for prevention or treatment of metabolic diseases

2022301691 **FUJIKURA LTD.** The nature of the amendment is: Amend the invention title to read STORAGE UNIT AND WOUND BODY

2022305545 **HUAWEI TECHNOLOGIES CO., LTD.** The nature of the amendment is: Amend the invention title to read COMMUNICATION MODE SWITCHING METHOD AND RELATED APPARATUS

2022312013 **HUAWEI TECHNOLOGIES CO., LTD.** The nature of the amendment is: Amend the invention title to read SENSING SESSION ESTABLISHMENT METHOD AND COMMUNICATION APPARATUS

2022314029 **HUAWEI TECHNOLOGIES CO., LTD.** The nature of the amendment is: Amend the invention title to read BUFFER REPORT SENDING AND RECEIVING METHOD, AND APPARATUS

2022452744 **RHEINMETALL LANDSYSTEME GMBH** The nature of the amendment is: Amend the priority details to read 10 2021 111 928.6 07 May 2021 DE

2023

2023263551 **Canon Kabushiki Kaisha** The nature of the amendment is: Amend the name of the inventor to read MATSUMARU, Naoki; MURAKAMI, Ryuta; HORIKAWA, Tadashi; HIRAYAMA, Akinobu; MAKIGUCHI, Daisuke; NOSHO, Hiroaki; KANNO, Takuro; OZAKI, Goshi; KAWAI, Tachio; ABE, Daisuke and FUJIWARA, Akihiro

2024

2024200111 **Tiger Tool International Incorporated** The nature of the amendment is: Amend the invention title to read DRIVE PLATE SYSTEMS, METHODS, AND APPARATUS FOR A PRESS TOOL

Alteration of Name(s) of Applicant(s)/Patentee(s)**2007**

2007322693 Mitsui Chemicals Agro, Inc. The name of the patentee has been altered to **Mitsui Chemicals Crop & Life Solutions, Inc.**

2007326412 Mitsui Chemicals Agro, Inc. The name of the patentee has been altered to **Mitsui Chemicals Crop & Life Solutions, Inc.**

2008

2008218130 Mitsui Chemicals Agro, Inc. The name of the patentee has been altered to **Mitsui Chemicals Crop & Life Solutions, Inc.**

Amendments**2009**

2009274832 MMAG Co., Ltd The name of the patentee has been altered to **Mitsui Chemicals Crop & Life Solutions, Inc.**

2009277708 Mitsui Chemicals Agro, Inc. The name of the patentee has been altered to **Mitsui Chemicals Crop & Life Solutions, Inc.**

2009280679 Mitsui Chemicals Agro, Inc. The name of the patentee has been altered to **Mitsui Chemicals Crop & Life Solutions, Inc.**

2009357098 Mitsui Chemicals Agro, Inc. The name of the patentee has been altered to **Mitsui Chemicals Crop & Life Solutions, Inc.**

2010

2010248488 MMAG Co., Ltd The name of the patentee has been altered to **Mitsui Chemicals Crop & Life Solutions, Inc.**

2010285723 Mitsui Chemicals Agro, Inc. The name of the patentee has been altered to **Mitsui Chemicals Crop & Life Solutions, Inc.**

2010347354 MMAG Co., Ltd The name of the patentee has been altered to **Mitsui Chemicals Crop & Life Solutions, Inc.**

2011

2011210967 MMAG Co., Ltd The name of the patentee has been altered to **Mitsui Chemicals Crop & Life Solutions, Inc.**

2011210968 MMAG Co., Ltd The name of the patentee has been altered to **Mitsui Chemicals Crop & Life Solutions, Inc.**

2011211197 Mitsui Chemicals Agro, Inc. The name of the patentee has been altered to **Mitsui Chemicals Crop & Life Solutions, Inc.**

2011297160 MMAG Co., Ltd The name of the patentee has been altered to **Mitsui Chemicals Crop & Life Solutions, Inc.**

2012

2012317415 Mitsui Chemicals Agro, Inc. The name of the patentee has been altered to **Mitsui Chemicals Crop & Life Solutions, Inc.**

2013

2013226812 MMAG Co., Ltd The name of the patentee has been altered to **Mitsui Chemicals Crop & Life Solutions, Inc.**

2013287626 MMAG Co., Ltd The name of the patentee has been altered to **Mitsui Chemicals Crop & Life Solutions, Inc.**

2014

2014218412 Mitsui Chemicals Agro, Inc. The name of the patentee has been altered to **Mitsui Chemicals Crop & Life Solutions, Inc.**

2014269375 Mitsui Chemicals Agro, Inc. The name of the patentee has been altered to **Mitsui Chemicals Crop & Life Solutions, Inc.**

2014338859 Pherecydes Pharma The name of the patentee has been altered to **Erytech Pharma**

Amendments

2015

2015205512 Pherecydes Pharma The name of the patentee has been altered to **Erytech Pharma**

2015232357 Mitsui Chemicals Agro, Inc. The name of the patentee has been altered to **Mitsui Chemicals Crop & Life Solutions, Inc.**

2015341683 Pherecydes Pharma The name of the patentee has been altered to **Erytech Pharma**

2016

2016372153 Mitsui Chemicals Agro, Inc. The name of the patentee has been altered to **Mitsui Chemicals Crop & Life Solutions, Inc.**

2017

2017276245 National University Corporation Kagawa University; Mitsui Chemicals Agro, Inc. The name of the patentee has been altered to **National University Corporation Kagawa University; Mitsui Chemicals Crop & Life Solutions, Inc.**

2017309313 River Stone Biotech, LLC The name of the applicant has been altered to **River Stone Biotech, Inc.**

2017378670 Taizhou Lerrisolar Technology Co., Ltd The name of the patentee has been altered to **LONGi Solar Technology (Taizhou) Co., Ltd.**

2018

2018231408 Pherecydes Pharma The name of the patentee has been altered to **Erytech Pharma**

2018235654 MMAG Co., Ltd The name of the patentee has been altered to **Mitsui Chemicals Crop & Life Solutions, Inc.**

2018251415 Mitsui Chemicals Agro, Inc. The name of the patentee has been altered to **Mitsui Chemicals Crop & Life Solutions, Inc.**

2019

2019379002 Mitsui Chemicals Agro, Inc. The name of the patentee has been altered to **Mitsui Chemicals Crop & Life Solutions, Inc.**

2020

2020211935 Tempus Ex Machina, Inc. The name of the patentee has been altered to **Infinite Athlete, Inc.**

2020216550 Tempus Ex Machina, Inc. The name of the patentee has been altered to **Infinite Athlete, Inc.**

2021

2021100070 UNIWISDOM TECHNOLOGY (SUZHOU) CO.,LTD The name of the patentee has been altered to **TOGROUP TECHNOLOGY (SUZHOU) CO.,LTD**

2021100071 UNIWISDOM TECHNOLOGY (SUZHOU) CO.,LTD The name of the patentee has been altered to **TOGROUP TECHNOLOGY (SUZHOU) CO.,LTD**

Amendments

2021100072 UNIWISDOM TECHNOLOGY (SUZHOU) CO.,LTD The name of the patentee has been altered to **TOGROUP TECHNOLOGY (SUZHOU) CO.,LTD**

2021213075 E2Metrix, Inc. The name of the applicant has been altered to **E2METRIX INC.**

2021215262 Zelira Therapeutics Limited The name of the applicant has been altered to **Zelira Therapeutics Operations Pty Ltd**

2021288185 Fujian Changting Golden Dragon Rare-Earth Co., Ltd The name of the applicant has been altered to **FUJIAN GOLDEN DRAGON RARE-EARTH Co., Ltd.**

2021291392 GruppSol AB The name of the applicant has been altered to **Raymond Solar AB**

2021292366 thyssenkrupp AG; Atlas Elektronik GmbH The name of the applicant has been altered to **ATLAS ELEKTRONIK GmbH; thyssenkrupp AG**

2021441952 CATALYST BIOSCIENCES, INC. The name of the applicant has been altered to **GYRE THERAPEUTICS, INC.**

2022

2022235174 E2METRIX, INC. The name of the applicant has been altered to **E2METRIX INC.**

2022275169 Guangzhou Shiyuan Electronic Technology Company Limited; Guangzhou Shikun Electronics Co., Ltd The name of the applicant has been altered to **Guangzhou Shiyuan Electronic Technology Company Limited; Guangzhou Shikun Electronics Co., Ltd.**

2022292629 SAVIOR BRAIN INC.; THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY; David Benjamin CAMARILLO; Nicholas James CECCHI; Jeffrey ALLISON The name of the applicant has been altered to **SAVIOR BRAIN INC.; THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY**

2022292714 THE METHODIST HOSPITAL SYSTEM The name of the applicant has been altered to **The Methodist Hospital**

2023

2023241335 River Stone Biotech, LLC The name of the applicant has been altered to **River Stone Biotech, Inc.**

2023900165 PERFORMANCE K9 The name of the applicant has been altered to **PERFORMANCE K9 PTY LTD**

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(71) Apple Inc. (11) AU-A-2024200029 (21) 2024200029 (22) 03.01.2024 (54) Systems and methods for displaying aggregated health records (51) Int. Cl. G16H 10/60 (2018.01) G16H 40/20 (2018.01) (43) 25.01.2024 (62) 2022201823 (72) Soli, Christopher D. (74) FPA Patent Attorneys Pty Ltd	(71) Araujo Dayrell, I. (11) AU-A-2023285821 (21) 2023285821 (22) 20.12.2023 (54) INTEGRATED SYSTEM TO PRODUCE MICROALGAE (51) Int. Cl. C12M 1/00 (2006.01) C12R 1/89 (2006.01) (43) 25.01.2024 (62) 2018229696 (72) Dayrell, Ivan Araujo (74) Franke Hyland Pty Ltd	(71) Athira Pharma, Inc. (11) AU-A-2023285937 (21) 2023285937 (22) 22.12.2023 (54) Compounds (51) Int. Cl. C07K 14/475 (2006.01) A61K 38/22 (2006.01) (43) 25.01.2024 (62) 2021266222 (72) KAWAS, Leen H.; SINGH, Jasbir; STEWART, Lansing Joseph; BAKER, William R. (74) Davies Collison Cave Pty Ltd
(71) Apple Inc. (11) AU-A-2024200051 (21) 2024200051 (22) 04.01.2024 (54) User interfaces for browsing content from multiple content applications on an electronic device (51) Int. Cl. G06F 16/00 (2019.01) (43) 25.01.2024 (62) 2022275490 (72) Johnston, Alexander W.; Park, Dennis S.; Balsamo, Tito; Lochhead, Jonathan; El-Shafey, Yesmeen; Clarke, Graham R.; Anton, Peter D.; Folse, Jennifer L.C.; Bachman, William M.; Lemay,	(71) Aristocrat Technologies, Inc. (11) AU-A-2023204166 (21) 2023204166 (22) 29.06.2023 (54) SYMBOL-DRIVEN INCREMENTATION OF PROGRESSIVE FEATURE PRIZES ACROSS MULTIPLE GAMES IN A MULTI-GAME PACKAGE (51) Int. Cl. G07F 17/32 (2006.01) (31) 17/861,598 (32) 11.07.22 (33) US (43) 25.01.2024 (72) DAVIS, Blake; ENGLMAN, Allon (74) James & Wells Intellectual Property	(71) Auris Health, Inc. (11) AU-A-2024200011 (21) 2024200011 (22) 02.01.2024 (54) Process for percutaneous operations (51) Int. Cl. A61B 10/04 (2006.01) A61B 17/221 (2006.01) A61B 17/29 (2006.01) (43) 25.01.2024 (62) 2021229251 (72) SHAH, Paren; NOONAN, David P.; AGRAWAL, Varun; MINTZ, David S.; ROMO, Enrique; URBAN Jr., Joseph A.; SCHUMMERS, David M. (74) Spruson & Ferguson
(71) Apple Inc. (11) AU-A-2024200051 (21) 2024200051 (22) 04.01.2024 (54) User interfaces for browsing content from multiple content applications on an electronic device (51) Int. Cl. G06F 16/00 (2019.01) (43) 25.01.2024 (62) 2022275490 (72) Johnston, Alexander W.; Park, Dennis S.; Balsamo, Tito; Lochhead, Jonathan; El-Shafey, Yesmeen; Clarke, Graham R.; Anton, Peter D.; Folse, Jennifer L.C.; Bachman, William M.; Lemay,	(71) Aristocrat Technologies, Inc. (11) AU-A-2023204167 (21) 2023204167 (22) 29.06.2023 (54) MEMORY-EFFICIENT SYMBOL CREDIT VALUE GENERATION SYSTEM (51) Int. Cl. G07F 17/32 (2006.01) (31) 17/811,267 (32) 07.07.22 (33) US (43) 25.01.2024 (72) DELEKTA, Scott; ENGLMAN, Allon (74) James & Wells Intellectual Property	(71) Axsome Therapeutics, Inc. (11) AU-A-2024200081 (21) 2024200081 (22) 05.01.2024 (54) DOSAGE FORMS AND METHODS FOR ENANTIOMERICALLY ENRICHED OR PURE BUPROPION (51) Int. Cl. A61K 31/135 (2006.01) A61P 25/24 (2006.01)

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 (54) A WATERING SYSTEM
 (51) Int. Cl.
 A01G 27/04 (2006.01)
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 (72) Barrett, Christopher
 (74) Wynnes Patent and Trade Mark Attorneys Pty Ltd

(71) Becton, Dickinson and Company
 (11) AU-A-2024200034
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 (54) Needle actuator assembly for drug delivery system
 (51) Int. Cl.
 A61M 5/142 (2006.01)
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 (72) QUINN, Michael Vincent; MAHDI, Mohammed; GAZELEY, Oliver Charles; SENIOR, James Alexander; BOYD, Malcolm Stanley
 (74) FB Rice Pty Ltd

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 (11) AU-A-2024200085
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 (54) Application development environment for biological sample assessment processing
 (51) Int. Cl.
 G06F 16/58 (2019.01)
 C12M 1/34 (2006.01)
 G06N 7/01 (2023.01)
 G06T 7/00 (2017.01)
 G06V 20/69 (2022.01)
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 (72) BRASCH, Michael, A.; GOSNELL, Curtis, M.; WILES, Timothy, M.; MARCELPOIL, Raphael, R.; NIEUWENHUIS, Bas; VAN DER KAAP, Trienko, Marten; BOIS, Michael
 (74) FB Rice Pty Ltd

(71) BEDGEAR, LLC
 (11) AU-A-2023285986
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 (54) Ambient Bed Having a Heat Reclaim System
 (51) Int. Cl.
 A47C 21/04 (2006.01)
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 (72) Alletto Jr., Eugene; Rad, Vandad Barzin
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(71) BeiGene Switzerland GmbH
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 (51) Int. Cl.
 C07D 487/04 (2006.01)
 A61K 31/519 (2006.01)
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 (72) WANG, Zhiwei; GUO, Yunhang; SHI, Gongyin
 (74) FB Rice Pty Ltd

(71) Beijing Tusen Zhitu Technology Co., Ltd.
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 (21) 2023204315 (22) 05.07.2023
 (54) Road change detection method, computing device, and storage medium
 (51) Int. Cl.
 G06V 20/56 (2022.01)
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 (31) 202210803292.7 (32) 07.07.22 (33) CN
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 (72) SONG, Daiwei; WEI, Jiahui; XU, Ke
 (74) FB Rice Pty Ltd

(71) Beijing Tusen Zhitu Technology Co., Ltd.
 (11) AU-A-2023204337
 (21) 2023204337 (22) 06.07.2023
 (54) Sensor data generation method, apparatus and system and storage medium
 (51) Int. Cl.
 G05B 23/02 (2006.01)
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 (74) FB Rice Pty Ltd

(71) Best 1 Pet Food Company Pty Ltd
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 (51) Int. Cl.
 A23K 40/00 (2016.01)
 A21D 13/02 (2006.01)
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 (72) Salamon, Samantha; Chappelow, Craig
 (74) Kevin Ashby

(71) Beysengulov, N.; Pollanen, J.; Rees, D.
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 H01L 27/02 (2006.01)
 H01L 29/775 (2006.01)
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 (72) POLLANEN, Johannes; BEYSENGULOV, Niyaz; REES, David
 (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Bidoli, J.
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 (54) GROUNDING SYSTEM FOR AIRCRAFT REFUELLING APPARATUS
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 (72) Bidoli, Jason
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(71) Big Belly Solar, Inc.
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 (54) SYSTEM AND METHOD FOR CONTROLLING ELECTRICALLY-POWERED TRASH COMPACTORS AND RECEPTACLES
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 (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

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(54) Conditionally active polypeptides
(51) Int. Cl.
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(72) Short, Jay M.; Chang, Hwai Wen; Frey, Gerhard
(74) Allens Patent & Trade Mark Attorneys

(71) Biomet Manufacturing, LLC
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(54) IODINE-INFUSED ULTRA HIGH MOLECULAR WEIGHT POLYETHYLENE
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(72) WILLIAMSON IV, Warren P.
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(72) Augimeri, Matthew
(74) FPA Patent Attorneys Pty Ltd

(71) Brien Holden Vision Institute Limited
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(54) Lenses, devices, methods and systems for refractive error
(51) Int. Cl.
A61F 2/14 (2006.01)
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C07C 235/36 (2006.01)
C07C 271/34 (2006.01)
C07C 303/34 (2006.01)
C07D 221/00 (2006.01)
C07F 9/09 (2006.01)
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(74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

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(21) 2023204104 (22) 27.06.2023
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B01D 46/52 (2006.01)

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(74) Griffith Hack

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(54) Method, apparatus and system for encoding and decoding a tensor
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G06N 3/08 (2006.01)
G06F 17/15 (2006.01)
G06F 17/16 (2006.01)
G06F 18/213 (2023.01)
G06F 18/2413 (2023.01)
G06N 3/048 (2023.01)
H04N 19/172 (2014.01)
H03M 7/00 (2006.01)
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(11) AU-A-2023285934
(21) 2023285934 (22) 22.12.2023
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G06F 21/35 (2013.01)
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H04B 5/00 (2006.01)
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C07K 19/00 (2006.01)
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C12N 5/0783 (2010.01)
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G06Q 10/06 (2023.01)
G05B 19/048 (2006.01)
G05D 1/00 (2006.01)
G06Q 10/04 (2023.01)
G06Q 50/02 (2012.01)
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(72) DOY, Nathaniel S.; SUBRAMANIAN, Gautham
(74) FPA Patent Attorneys Pty Ltd

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F03B 13/06 (2006.01)
E03B 3/03 (2006.01)
E03B 5/02 (2006.01)
E03B 11/02 (2006.01)
E03C 1/122 (2006.01)
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(72) Chaouk, Mahmoud
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C22B 3/44 (2006.01)

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G06Q 10/0631 (2023.01)
H04L 67/12 (2022.01)
H04W 4/40 (2018.01)
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(74) Madderns Pty Ltd

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G01S 13/02 (2006.01)
G01S 13/86 (2006.01)
G06T 7/00 (2017.01)
G06V 10/70 (2022.01)
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C12N 7/01 (2006.01)
A61K 31/7088 (2006.01)
A61K 35/76 (2015.01)
C07K 14/47 (2006.01)
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C12N 15/863 (2006.01)
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(72) Yuman Fong; Nanhai Chen
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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A61B 17/34 (2006.01)
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G06F 30/00 (2020.01)
E21B 41/00 (2006.01)
E21B 43/26 (2006.01)
E21B 49/00 (2006.01)
G01V 1/22 (2006.01)
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B33Y 70/00 (2020.01)
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G07C 9/38 (2020.01)
E05B 47/00 (2006.01)
E05B 47/06 (2006.01)
E05B 49/00 (2006.01)
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A61K 31/4375 (2006.01)

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A01D 41/127 (2006.01)
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A01F 15/07 (2006.01)
B65B 27/12 (2006.01)
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A61M 5/168 (2006.01)
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(54) ELECTROMECHANICAL DEVICES FOR CONTROLLING VEHICLE SUSPENSION SETTINGS
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B60G 3/26 (2006.01)
B60G 17/015 (2006.01)
B60G 17/018 (2006.01)
B62D 7/16 (2006.01)
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F16H 25/22 (2006.01)

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(72) Rogers, Geoffrey William
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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E06B 3/90 (2006.01)
(31) 22184163.8 **(32)** 11.07.22 **(33)** EP
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(72) WULBRANDT, Tim; FABRI, Daniel; IR-
 RGANG, Thomas; HEITZ, Bernhard;
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 MARK ATTORNEYS PTY LTD

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(54) REVOLVING DOOR AND METHOD FOR ASSEMBLING A REVOLVING DOOR
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E06B 3/90 (2006.01)
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(51) Int. Cl.
G01N 27/26 (2006.01)
G01K 7/02 (2021.01)
G01K 7/04 (2006.01)
G01N 27/30 (2006.01)
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(72) BAESLER, Malte; REIER, Tobias
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A61N 5/06 (2006.01)

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B66C 1/10 (2006.01)
F16G 15/06 (2006.01)
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(72) IM, Yong Tae; LEE, Young Sung
(74) Atkinson IP

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(54) Apparatus and method for detecting microbial contamination
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G01N 33/02 (2006.01)
G01N 33/537 (2006.01)
G01N 33/541 (2006.01)
G01N 33/569 (2006.01)
G01N 33/58 (2006.01)
(43) 25.01.2024
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(72) EL-DWEIK, Majed
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A61M 5/24 (2006.01)
(43) 25.01.2024
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(72) CORTINOVIS, Marco; KHANDAGALE, Bhakti Girish; MASSARI, Rossano Claudio
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(71) Enviro Ambient Corporation
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(54) Carbon dioxide capture device and method
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B01D 53/62 (2006.01)
B01D 53/14 (2006.01)
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(54) Combination therapy for treating cancer
(51) Int. Cl.

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A61K 39/395 (2006.01)
A61K 45/06 (2006.01)
A61P 35/00 (2006.01)
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(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
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G06Q 20/00 (2012.01)
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(74) Churchill Attorneys
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(54) Monitoring an environment to control an active reflected wave detector
(51) Int. Cl.
G08B 21/04 (2006.01)
G01S 13/06 (2006.01)
G01S 13/56 (2006.01)
G08B 13/184 (2006.01)
G08B 13/19 (2006.01)
G08B 21/22 (2006.01)
G01S 13/26 (2006.01)
G01S 13/58 (2006.01)
G01S 13/72 (2006.01)
G08B 21/18 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd
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(54) SILK PERFORMANCE APPAREL AND PRODUCTS AND METHODS OF PREPARING THE SAME
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A61K 8/64 (2006.01)
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(51) Int. Cl.
C07D 487/04 (2006.01)
A61K 31/505 (2006.01)
A61P 35/00 (2006.01)
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(74) FB Rice Pty Ltd
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G06F 3/0488 (2022.01)
G06F 3/16 (2006.01)
G06F 21/30 (2013.01)
(43) 25.01.2024
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(74) Spruson & Ferguson
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(21) 2023285957 **(22)** 22.12.2023
(54) Apparatus and method for processing iron ore
(51) Int. Cl.
B02C 4/08 (2006.01)
B02C 2/00 (2006.01)
B02C 23/08 (2006.01)
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(72) HARRIS, Warren; JOLLEY, Daniel
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- (71)** Fraser, M.
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B63H 9/06 (2020.01)
B64C 3/54 (2006.01)
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(72) FRASER, Mark
(74) AJ PARK
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G10L 19/012 (2013.01)
G10L 19/008 (2013.01)
H04J 3/17 (2006.01)
G10L 19/16 (2013.01)
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(54) Interactive slot game
(51) Int. Cl.
G07F 17/32 (2006.01)
A63F 9/00 (2006.01)
A63F 13/69 (2014.01)
G07F 17/34 (2006.01)
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(54) PRESSURE HOSE
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F16L 11/08 (2006.01)
B32B 1/08 (2006.01)
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(54) Zone-based heating element
(51) Int. Cl.
B29C 65/18 (2006.01)
H05B 3/06 (2006.01)
H05B 3/26 (2006.01)
(31) 22 183 714.9 **(32)** 08.07.22 **(33)** EM
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(74) FB Rice Pty Ltd
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- (71)** Getac Technology Corporation
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H05K 7/20 (2006.01)
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STRUCTURE AND BICYCLE
(51) Int. Cl.
B62K 25/04 (2006.01)
B60G 17/06 (2006.01)
(31) 111125291 (32) 06.07.22 (33) TW
(43) 25.01.2024
(72) SIE, Zong-Han
(74) Halfords IP

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G16H 20/17 (2018.01)
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A61B 1/005 (2006.01)
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A61K 31/137 (2006.01)
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C08G 18/08 (2006.01)
C08G 18/10 (2006.01)
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A01N 63/30 (2020.01)
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F24C 7/00 (2006.01)
F21S 10/04 (2006.01)
F21V 23/04 (2006.01)
F21V 33/00 (2006.01)
F24C 7/08 (2006.01)
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(21) 2023202743 (22) 03.05.2023
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(51) Int. Cl.
H04L 25/03 (2006.01)
H04B 15/06 (2006.01)
H04B 17/327 (2015.01)
H04B 17/391 (2015.01)
H04L 27/26 (2006.01)
H04L 27/34 (2006.01)
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(11) AU-A-2022204923
(21) 2022204923 (22) 08.07.2022
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(51) Int. Cl.
G02F 1/1333 (2006.01)
G06F 1/16 (2006.01)
G09F 13/04 (2006.01)
H04N 5/00 (2011.01)
H05K 5/03 (2006.01)
H04M 1/02 (2006.01)
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(72) Munn, Patrick
(74) Patrick Munn
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(51) Int. Cl.
A41B 13/10 (2006.01)
F16B 2/20 (2006.01)
(43) 25.01.2024
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(21) 2023285948 (22) 22.12.2023
(54) Hearing aid implant recharging system
(51) Int. Cl.
H04R 25/00 (2006.01)
H02J 7/00 (2006.01)
H04R 1/10 (2006.01)
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(54) IRRADIATION PARAMETER SELECTION APPARATUS AND USAGE METHOD THEREOF AND CONTROL SYSTEM COMPRISING SAID APPARATUS AND USAGE METHOD THEREOF
(51) Int. Cl.
A61N 5/10 (2006.01)
(43) 25.01.2024
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(72) Liu, Yuan-Hao
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(71) Nicoventures Trading Limited
(11) AU-A-2023286027
(21) 2023286027 (22) 28.12.2023
(54) A control device for an electronic aerosol provision system
(51) Int. Cl.
A24F 47/00 (2020.01)
A61M 11/04 (2006.01)
A61M 15/06 (2006.01)
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(62) 2021273539
(72) MOLONEY, Patrick; KORUS, Anton; CHAN, Justin Han Yang
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(21) 2024200059

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(21) 2024200054 (22) 04.01.2024
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(51) Int. Cl.
C07D 471/10 (2006.01)
A61K 31/4747 (2006.01)
A61P 11/06 (2006.01)
A61P 37/08 (2006.01)
C07D 491/10 (2006.01)
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C07D 519/00 (2006.01)
(43) 25.01.2024
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(74) Davies Collison Cave Pty Ltd

(71) Nutrition Science Design Pte. Ltd
(11) AU-A-2024200050
(21) 2024200050 (22) 04.01.2024
(54) Amorphous sugar composition
(51) Int. Cl.
C13B 40/00 (2011.01)
C13B 50/00 (2011.01)
(43) 25.01.2024
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(74) FPA Patent Attorneys Pty Ltd

(71) NXT Building System Pty Ltd
(11) AU-A-2023286011
(21) 2023286011 (22) 27.12.2023
(54) BUILDING SYSTEM
(51) Int. Cl.
B28B 23/02 (2006.01)
E02D 5/28 (2006.01)
E02D 5/56 (2006.01)
E02D 27/00 (2006.01)
E04B 1/02 (2006.01)
E04B 1/38 (2006.01)
E04B 1/41 (2006.01)
E04B 2/86 (2006.01)
E04B 2/92 (2006.01)
E04B 5/36 (2006.01)
E04C 2/26 (2006.01)
E04C 2/52 (2006.01)
E04C 5/00 (2006.01)
E04G 11/38 (2006.01)
E04G 11/40 (2006.01)
E04G 15/06 (2006.01)
F16S 1/02 (2006.01)
(43) 25.01.2024
(62) 2021215171
(72) LIM, Matakii O'Goshi
(74) Northern Lights IP

(71) ORTELLIGENCE, INC.
(11) AU-A-2024200033
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(54) SYSTEMS AND METHODS FOR DYNAMIC IDENTIFICATION OF A SUR-

GICAL TRAY AND THE ITEMS CONTAINED THEREON
(51) Int. Cl.
G06T 7/00 (2017.01)
G08B 13/14 (2006.01)
(43) 25.01.2024
(62) 2022238786
(72) DONNELLY, Timothy; GREENMAN, Simon; BANASIŃSKI, Piotr
(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) OrthAlign, Inc.
(11) AU-A-2024200046
(21) 2024200046 (22) 04.01.2024
(54) SOFT TISSUE MEASUREMENT AND BALANCING SYSTEMS AND METHODS
(51) Int. Cl.
A61B 17/32 (2006.01)
A61B 17/17 (2006.01)
A61B 90/00 (2016.01)
(43) 25.01.2024
(62) 2018236205
(72) Nielsen, Jonathan; Yacono, Matthew
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Palairret, T.
(11) AU-A-2022204781
(21) 2022204781 (22) 04.07.2022
(54) Golf Tee
(51) Int. Cl.
A63B 57/10 (2015.01)
(43) 25.01.2024
(72) Palairret, Trevor
(74) LESICAR MAYNARD ANDREWS PTY LTD

(71) PERMOBIL AB
(11) AU-A-2023204398
(21) 2023204398 (22) 07.07.2023
(54) POWERED MIDWHEEL DRIVE WHEELCHAIR WITH STANDING CAPABILITY
(51) Int. Cl.
A61G 5/04 (2013.01)
A61G 5/14 (2006.01)
(31) EP22183660.4 (32) 07.07.22 (33) EP
(43) 25.01.2024
(72) VAN DE WAL, Herbert; DANIELSSON, Anton; LOFVANDER, Ulrik
(74) AJ PARK

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(11) AU-A-2024200009
(21) 2024200009 (22) 02.01.2024
(54) Rodenticide
(51) Int. Cl.
A01N 65/00 (2009.01)
A01N 59/06 (2006.01)
A01N 59/08 (2006.01)
(43) 25.01.2024
(62) 2018202310
(72) PERRY, Stephen C.
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17/857,991 05.07.22 US**(43)** 25.01.2024**(72)** DOCHERTY, John; BUNKO, Christopher Andrew**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd**(71)** Pratt Retail Specialties, LLC**(11)** AU-A-2023285920**(21)** 2023285920 **(22)** 21.12.2023**(54)** Modular Box Assembly**(51)** Int. Cl.**B65D 5/56** (2006.01)**B65D 81/18** (2006.01)**B65D 81/38** (2006.01)**(43)** 25.01.2024**(62)** 2018260918**(72)** Sollie, Greg; Waltermire, Jamie; Chen, Shifeng**(74)** Golja Haines & Friend**(71)** Pressure Systems International, LLC**(11)** AU-A-2024200151**(21)** 2024200151 **(22)** 10.01.2024**(54)** Inflation manifold**(51)** Int. Cl.**B60C 23/00** (2006.01)**B60C 23/02** (2006.01)**B60C 23/04** (2006.01)**B60S 5/04** (2006.01)**(43)** 25.01.2024**(62)** 2017345577**(72)** Musgrave, Tim; Hennig, Mark Kevin; Robertson, Charles Blanton; Snider, James Raymond; Gravell, Jonathan**(74)** Griffith Hack**(71)** Printed Energy Pty Ltd**(11)** AU-A-2023286018**(21)** 2023286018 **(22)** 28.12.2023**(54)** Diatomaceous energy storage devices**(51)** Int. Cl.**H01M 4/131** (2010.01)**H01G 9/035** (2006.01)**H01G 9/042** (2006.01)**H01M 4/02** (2006.01)**H01M 4/485** (2010.01)**H01M 4/505** (2010.01)**H01M 4/587** (2010.01)**(43)** 25.01.2024**(62)** 2021261953**(72)** LOCKETT, Vera N; GUSTAFSON, John G; RAY, William J; SALAH, Yasser**(74)** FB Rice Pty Ltd**(71)** Pro-Dex, Inc.**(11)** AU-A-2023286020**(21)** 2023286020 **(22)** 28.12.2023**(54)** ARTICULATING TOOL FOR ENDOSCOPIC PLACEMENT OF FASTENERS**(51)** Int. Cl.**A61B 17/16** (2006.01)**A61B 17/00** (2006.01)**A61B 17/56** (2006.01)**A61B 17/58** (2006.01)**A61B 17/88** (2006.01)**(43)** 25.01.2024**(62)** 2018313842**(72)** BOWEN, Joshua; FANOUS, Mark; HUNTLEY, Jake**(74)** Michael Buck IP**(71)** Promptu Systems Corporation**(11)** AU-A-2023258338**(21)** 2023258338 **(22)** 31.10.2023**(54)** SYSTEMS AND METHODS FOR ADAPTIVE PROPER NAME ENTITY RECOGNITION AND UNDERSTANDING**(51)** Int. Cl.**G10L 15/08** (2006.01)**G06F 40/20** (2020.01)**G06N 20/00** (2019.01)**G10L 15/07** (2013.01)**G10L 15/22** (2006.01)**G10L 15/32** (2013.01)**(43)** 25.01.2024**(62)** 2018365166**(72)** Harry William PRINTZ**(74)** RnB IP Pty Ltd**(71)** Pulnovo Medical (Wuxi) Co., Ltd.**(11)** AU-A-2023286013**(21)** 2023286013 **(22)** 27.12.2023**(54)** MULTI-POLE SYNCHRONOUS PULMONARY ARTERY RADIOFREQUENCY ABLATION CATHETER**(51)** Int. Cl.**A61B 18/12** (2006.01)**A61N 1/32** (2006.01)**(43)** 25.01.2024**(62)** 2022202710**(72)** Chen, Shaoliang**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd**(71)** QINGDAO UNIVERSITY OF TECHNOLOGY**(11)** AU-A-2022462005**(21)** 2022462005 **(22)** 21.12.2022**(54)** BIONIC DESERT BEETLE SELF-TRANSPORTING BONE MICROGRINDING HEAD AND MANUFACTURING PROCESS THEREFOR**(51)** Int. Cl.**A61B 17/16** (2006.01)**C25D 15/00** (2006.01)**(87)** WO2023/246034**(31)** 202210706253.5 **(32)** 21.06.22 **(33)** CN**(43)** 25.01.2024**(72)** YANG, Min; KONG, Ming; YANG, Yuying; LI, Changhe; ZHOU, Zongming; ZHANG, Naiqing; LI, Runze**(74)** Collison & Co**(71)** Qvinci Software, LLC**(11)** AU-A-2023286003**(21)** 2023286003 **(22)** 24.12.2023**(54)** Methods and apparatus for providing data normalization, scalability and maintainability**(51)** Int. Cl.**G06Q 40/00** (2023.01)**(43)** 25.01.2024**(62)** 2021257897**(72)** Nagel, Charles Brenton**(74)** Gestalt Law Pty Ltd**(71)** Radius Pharmaceuticals, Inc.**(11)** AU-A-2023286007**(21)** 2023286007 **(22)** 27.12.2023**(54)** Estrogen receptor-modulating compounds**(51)** Int. Cl.**C07D 313/08** (2006.01)**A61K 31/404** (2006.01)**A61P 35/00** (2006.01)**C07C 215/48** (2006.01)**C07D 209/12** (2006.01)**C07D 209/30** (2006.01)**C07D 333/64** (2006.01)**C07D 409/12** (2006.01)**C07D 487/04** (2006.01)**(43)** 25.01.2024**(62)** 2019210129**(72)** MILLER, Chris**(74)** Spruson & Ferguson**(71)** Rao, H.**(11)** AU-A-2023203807**(21)** 2023203807 **(22)** 16.06.2023**(54)** IMPROVED BUTTON BATTERY**(51)** Int. Cl.**H01M 50/153** (2021.01)**H01H 71/02** (2006.01)**H01M 50/109** (2021.01)**(31)** 2022901922 **(32)** 10.07.22 **(33)** AU**(43)** 25.01.2024**(72)** Rao, Himanshu**(74)** Patentable**Rees, D. see Beysengulov, N.****(21)** 2024200062**(71)** Regents of the University of Minnesota**(11)** AU-A-2023285795**(21)** 2023285795 **(22)** 20.12.2023**(54)** CHIMERIC ANTIGEN RECEPTORS, COMPOSITIONS, AND METHODS**(51)** Int. Cl.**C07K 14/705** (2006.01)**A61K 38/17** (2006.01)**(43)** 25.01.2024**(62)** 2020270507**(72)** Kaufman, Dan Samuel; Lampi Hermandson, David Lee; Moriarity, Branden Scott**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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(11) AU-A-2023204212
(21) 2023204212 (22) 30.06.2023
(54) Holster body
(51) Int. Cl.
F41C 33/02 (2006.01)
(31) 18/214,834 (32) 27.06.23 (33) US
63/358,912 07.07.22 US
(43) 25.01.2024
(72) DERENZO, Robert
(74) Spruson & Ferguson

(71) Sage Therapeutics, Inc.
(11) AU-A-2023285947
(21) 2023285947 (22) 22.12.2023
(54) Compositions and methods for treating CNS disorders
(51) Int. Cl.
C07J 63/00 (2006.01)
A61K 31/57 (2006.01)
A61P 25/00 (2006.01)
C07J 61/00 (2006.01)
(43) 25.01.2024
(62) 2018392093
(72) ROBICHAUD, Albert Jean; SALITURO, Francesco G.; BLANCO-PILLADO, Maria Jesus; LA, Daniel; HARRISON, Boyd L.
(74) Spruson & Ferguson

(71) Sage Therapeutics, Inc.
(11) AU-A-2023286014
(21) 2023286014 (22) 28.12.2023
(54) Oxysterols and methods of use thereof
(51) Int. Cl.
C07J 9/00 (2006.01)
A61K 31/575 (2006.01)
A61P 1/00 (2006.01)
A61P 25/00 (2006.01)
(43) 25.01.2024
(62) 2021232833
(72) SALITURO, Francesco G.; ROBICHAUD, Albert Jean; MARTINEZ BOTELLA, Gabriel; HARRISON, Boyd L.; GRIFFIN, Andrew; LA, Daniel
(74) Spruson & Ferguson

(71) Sakura Finetek USA, Inc.
(11) AU-A-2024200066
(21) 2024200066 (22) 04.01.2024
(54) Automated staining system and reaction chamber
(51) Int. Cl.
B01L 3/00 (2006.01)
B01L 9/00 (2006.01)
G01N 1/31 (2006.01)
(43) 25.01.2024
(62) 2020417834
(72) SHAH, Amit D.; WEBSTER, Scott; FLORES, Cristina R.; CHENG, Chen Yu; LIN, Chia Hsien; CHUANG, Chih Shun; BOOKER, Nick John; WATKINS, Andrew Douglas; BARTEL, Rebecca Jean; HENDERSON, Chester John; VON BUEREN, Erico; YANG, Michael
(74) Spruson & Ferguson

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(21) 2024200059

(71) Schlage Lock Company LLC
(11) AU-A-2024200017
(21) 2024200017 (22) 02.01.2024
(54) INTERNET OF THINGS LOCK MODULE
(51) Int. Cl.
G07C 9/00 (2020.01)
E05B 7/00 (2006.01)
G08B 13/19 (2006.01)
G08B 19/00 (2006.01)
H05B 47/11 (2020.01)
H05B 47/13 (2020.01)
(43) 25.01.2024
(62) 2020226393
(72) KINCAID, Ryan C.; EICKHOFF, Brian C.
(74) Alder IP Pty Ltd

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(11) AU-A-2023204316
(21) 2023204316 (22) 05.07.2023
(54) CIRCUIT FOR DUAL POWER SUPPLY SYSTEM AND DUAL POWER SUPPLY SYSTEM
(51) Int. Cl.
H03K 19/003 (2006.01)
H03K 3/01 (2006.01)
(31) 202221766962.4 (32) 08.07.22 (33) CN
(43) 25.01.2024
(72) Ruan, Xiaobo; Bi, Baoyun; Wu, Wei; Zhao, Chaomin; Peng, Hao
(74) Madderns Pty Ltd

(71) Seagen, Inc.
(11) AU-A-2024200157
(21) 2024200157 (22) 10.01.2024
(54) Anti-TIGIT antibodies
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/00 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C07K 14/47 (2006.01)
(43) 25.01.2024
(62) 2018227489
(72) PIASECKI, Julia C.; BEERS, Courtney; PETERSON, Scott; PRINZ, Bianka
(74) Spruson & Ferguson

(71) Selecta Biosciences, Inc.
(11) AU-A-2024200012
(21) 2024200012 (22) 02.01.2024
(54) REPEATED ADMINISTRATION OF NON-IMMUNOSUPPRESSIVE ANTIGEN-SPECIFIC IMMUNOTHERAPEUTICS
(51) Int. Cl.
A61K 31/436 (2006.01)
A61K 39/395 (2006.01)
A61K 48/00 (2006.01)
A61P 19/02 (2006.01)
A61P 37/00 (2006.01)

(43) 25.01.2024
(62) 2021266242
(72) Maldonado, Roberto A.; Kishimoto, Takashi Kei
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Shanghai Meiyue Biotech Development Co., Ltd.
(11) AU-A-2024200019
(21) 2024200019 (22) 02.01.2024
(54) Complement factor B inhibitor, and pharmaceutical composition thereof, preparation method therefor and use thereof
(51) Int. Cl.
C07D 401/14 (2006.01)
A61K 31/454 (2006.01)
A61K 31/4545 (2006.01)
A61P 27/00 (2006.01)
A61P 37/00 (2006.01)
C07D 209/02 (2006.01)
C07D 413/14 (2006.01)

(43) 25.01.2024
(62) 2021323300
(72) LUAN, Linbo; CHEN, Yongkai; WANG, Chaodong
(74) WRAYS PTY LTD

(71) SIBA Fuses GmbH
(11) AU-A-2023201559
(21) 2023201559 (22) 14.03.2023
(54) USE OF A HV HRC FUSE FOR A DROP-OUT FUSE SYSTEM
(51) Int. Cl.
H01H 85/042 (2006.01)
H01H 85/30 (2006.01)
(31) 10 2022 002 431.4 (32) 05.07.22 (33) DE
(43) 25.01.2024
(72) Wilhelm, Dirk
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) SMEDLEY'S ENGINEERS PTY LTD; MALUVA ENGINEERING
(11) AU-A-2023285946
(21) 2023285946 (22) 22.12.2023
(54) METHOD AND APPARATUS FOR MEASURING AND LOGGING THE PERFORMANCE OF A VEHICLE SUSPENSION SYSTEM
(51) Int. Cl.
G01M 17/04 (2006.01)
G01B 9/00 (2006.01)
G01B 11/14 (2006.01)
G01H 9/00 (2006.01)
(43) 25.01.2024
(62) 2021286286
(72) BLANCHARD, Mark; CHONG, Lydia; SMEDLEY, Robert; WRIGHT, Robert
(74) Franke Hyland Pty Ltd

(71) SourceCode Technology Holdings, Inc
(11) AU-A-2024200129
(21) 2024200129 (22) 09.01.2024
(54) Collaborative design systems, apparatuses, and methods

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(51) Int. Cl.
G06Q 10/10 (2023.01)

(43) 25.01.2024

(62) 2018201198

(72) MOOLMAN, Riaan; ANDERSON, Norman; SCHAFFER, Eric Johnson; DICKINSON, Grant; DU PREEZ, Jacob Hendrik; WAGNER, Olaf Alexander; VAN WYK, Adriaan; DU TOIT, Wynand Coenraad

(74) Spruson & Ferguson

(71) Sprint Bioscience AB

(11) AU-A-2023285995

(21) 2023285995 (22) 22.12.2023

(54) Morpholinylpyridone Compounds

(51) Int. Cl.

C07D 413/14 (2006.01)

A61K 31/5355 (2006.01)

A61P 3/10 (2006.01)

A61P 35/00 (2006.01)

(43) 25.01.2024

(62) 2018320419

(72) LINDSTRÖM, Johan; FORSBLOM, Rickard; VIKLUND, Jenny

(74) WRAYS PTY LTD

(71) SstatzZ Oy

(11) AU-A-2023203842

(21) 2023203842 (22) 19.06.2023

(54) APPARATUS AND METHOD FOR INSTALLING VALVE IN HOLLOW BODY AND SENSOR ARRANGEMENT FOR SENSING DATA THEREIN

(51) Int. Cl.

F16K 15/20 (2006.01)

(31) 17/858,587 (32) 06.07.22 (33) US

(43) 25.01.2024

(72) Hohteri, Harri; Väisänen, Jukka

(74) Collison & Co

(71) Stryker Corporation

(11) AU-A-2024200162

(21) 2024200162 (22) 10.01.2024

(54) Powered surgical drill with integral depth gauge that includes a probe that slides over the drill bit

(51) Int. Cl.

A61B 17/16 (2006.01)

(43) 25.01.2024

(62) 2021221931

(72) Carusillo, Steve

(74) Davies Collison Cave Pty Ltd

(71) Sungrow Renewables Development Co. Ltd.

(11) AU-A-2023203966

(21) 2023203966 (22) 23.06.2023

(54) Photovoltaic sand control device and desert photovoltaic power station

(51) Int. Cl.

A01G 13/02 (2006.01)

A01G 27/02 (2006.01)

H02S 40/00 (2014.01)

(31) 202221792861.4 (32) 11.07.22 (33) CN

(43) 25.01.2024

(72) WANG, Rongxiang; ZHAO, Fuqiang; XU, Ming; REN, Qing

(74) Davies Collison Cave Pty Ltd

(71) Teleflex Medical Incorporated

(11) AU-A-2023285825

(21) 2023285825 (22) 21.12.2023

(54) STYLET WITH IMPROVED THREAD-ABILITY

(51) Int. Cl.

A61M 25/00 (2006.01)

A61M 25/01 (2006.01)

(43) 25.01.2024

(62) 2021355490

(72) HORST, Benjamin; AMAN, Michael; SPINKA, Mark

(74) RnB IP Pty Ltd

Temple University-Of The Commonwealth System of Higher Education see Thrombolex, Inc.

(21) 2024200082

(71) Terra Quantum AG

(11) AU-A-2023204210

(21) 2023204210 (22) 30.06.2023

(54) METHOD AND SYSTEM FOR SOLVING QUBO PROBLEMS WITH HYBRID CLASSICAL-QUANTUM SOLVERS

(51) Int. Cl.

G06N 10/60 (2022.01)

G06F 17/11 (2006.01)

G06N 3/08 (2023.01)

(31) 22183667.9 (32) 07.07.22 (33) EP

(43) 25.01.2024

(72) DESHPANDE, Ajinkya; MELNIKOV, Alexey A.

(74) Griffith Hack

(71) Terumo Kabushiki Kaisha

(11) AU-A-2023286040

(21) 2023286040 (22) 31.12.2023

(54) MEDICAL DEVICE AND METHOD FOR MANUFACTURING SAME

(51) Int. Cl.

B32B 27/28 (2006.01)

A61L 29/04 (2006.01)

A61L 29/08 (2006.01)

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A61L 31/04 (2006.01)

A61L 31/10 (2006.01)

A61L 31/14 (2006.01)

(43) 25.01.2024

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(11) AU-A-2024200148

(21) 2024200148 (22) 10.01.2024

(54) ENPP1 inhibitors and their use for the treatment of cancer

(51) Int. Cl.

C07D 471/00 (2006.01)

A61K 31/519 (2006.01)

A61P 35/00 (2006.01)

(43) 25.01.2024

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(54) Hepatitis C virus E1/E2 heterodimers and methods of producing same

(51) Int. Cl.

C07K 19/00 (2006.01)

A61K 39/385 (2006.01)

A61P 31/14 (2006.01)

A61P 37/04 (2006.01)

C07K 1/22 (2006.01)

C07K 7/06 (2006.01)

C07K 14/18 (2006.01)

C07K 16/00 (2006.01)

C12N 15/51 (2006.01)

C12N 15/62 (2006.01)

C12P 21/02 (2006.01)

(43) 25.01.2024

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A61F 2/16 (2006.01)

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(51) Int. Cl.

C12Q 1/68 (2018.01)

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B60T 8/17 (2006.01)
B60T 7/04 (2006.01)
B60T 7/08 (2006.01)
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B62L 3/08 (2006.01)
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(21) 2024200082 (22) 05.01.2024
(54) Infusion catheter and method of use
(51) Int. Cl.
A61B 17/00 (2006.01)
A61B 17/22 (2006.01)
A61B 17/221 (2006.01)
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F16L 55/18 (2006.01)
B29C 53/08 (2006.01)
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(51) Int. Cl.
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(51) Int. Cl.
A61F 6/00 (2006.01)
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(51) Int. Cl.
F16H 7/08 (2006.01)
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C03C 17/34 (2006.01)
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A61M 25/10 (2013.01)
A61B 18/22 (2006.01)
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A61N 5/06 (2006.01)
A61L 29/16 (2006.01)
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A01K 63/02 (2006.01)
B65B 13/02 (2006.01)
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C07K 14/405 (2006.01)
A61K 35/30 (2015.01)
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G01C 21/00 (2006.01)
A01D 34/00 (2006.01)
G01C 21/04 (2006.01)
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G06F 16/00 (2019.01)

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B62B 7/06 (2006.01)
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B62B 9/24 (2006.01)
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(54) METHOD AND DEVICE FOR DETECTING DEFLECTION BASIN BASED ON DEFORMATION SPEED UNDER ROLLING LOAD
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(54) Substrate with deposition and/or friction reduction coating
(51) Int. Cl.
B32B 5/02 (2006.01)
B32B 3/26 (2006.01)
B32B 7/14 (2006.01)
B32B 15/14 (2006.01)
D06M 11/83 (2006.01)

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(54) Interleukin-18 variants and methods of use
(51) Int. Cl.
C07K 14/54 (2006.01)
A61K 38/00 (2006.01)
A61K 38/20 (2006.01)
C12N 15/24 (2006.01)
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G06Q 30/00 (2023.01)
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(21) 2024200079

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(54) SOLAR CELL AND PHOTOVOLTAIC MODULE
(51) Int. Cl.
H01L 31/0224 (2006.01)
H01L 31/048 (2014.01)
H01L 31/05 (2014.01)
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<u>A01H 3 I/-</u> 2023286026	<u>A61B 18 I/-</u> 2023285950 2023286013	2023285937 2024200074 2024200091	<u>A61P 11 I/-</u> 2024200054	<u>B01D 35 I/-</u> 2024200152	<u>B32B 7 I/-</u> 2023285969
<u>A01K 63 I/-</u> 2023203867	2024200082 2024200128 2024200134	<u>A61K 39 I/-</u> 2023263472 2023285915 2024200012	<u>A61P 17 I/-</u> 2024200121	<u>B01D 46 I/-</u> 2023204104	<u>B33Y 70 I/-</u> 2023204408
<u>A01N 43 I/-</u> 2024200105	<u>A61B 3 I/-</u> 2023286010	2024200018 2024200108 2024200112	<u>A61P 19 I/-</u> 2024200012	<u>B01D 53 I/-</u> 2024200072	<u>B41F 16 I/-</u> 2023204281
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<u>A01N 63 I/-</u> 2023286026	<u>A61B 5 I/-</u> 2024200067	<u>A61K 41 I/-</u> 2024200016	<u>A61P 25 I/-</u> 2023285947 2023286014 2024200081	<u>B01L 3 I/-</u> 2024200060 2024200066	<u>B60C 23 I/-</u> 2024200151
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<u>A21D 13 I/-</u> 2023285992	<u>A61F 2 I/-</u> 2023286010 2024200032	<u>A61K 48 I/-</u> 2024200012	<u>A61P 29 I/-</u> 2024200030	<u>B02C 2 I/-</u> 2023285957	<u>B60G 3 I/-</u> 2024200057
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<u>A23K 10 I/-</u> 2023285992	<u>A61F 6 I/-</u> 2023285917 2024200036	<u>A61K 9 I/-</u> 2024200121	<u>A61P 31 I/-</u> 2023263472	<u>B02C 4 I/-</u> 2023285957	<u>B60P 7 I/-</u> 2023285955
<u>A23K 20 I/-</u> 2023285992	<u>A61F 9 I/-</u> 2024200128	<u>A61L 27 I/-</u> 2023285973	<u>A61P 35 I/-</u> 2023285995 2023286007 2023286024	<u>B23K 35 I/-</u> 2023204408	<u>B60S 5 I/-</u> 2024200151
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<u>A41B 13 I/-</u> 2024200094	2023285947 2023285995 2023286007	<u>A61M 15 I/-</u> 2023286027	<u>A61P 37 I/-</u> 2023263472 2024200012	<u>B28B 23 I/-</u> 2023286011	<u>B62B 7 I/-</u> 2024200155
<u>A47C 21 I/-</u> 2023285986	2023286014 2023286024 2024200012	<u>A61M 25 I/-</u> 2023285825	2024200018 2024200019 2024200030 2024200054		<u>B62B 9 I/-</u> 2024200158
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					<u>B62D 55 I/-</u> 2022235594

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<u>B63H 9 /-</u> 2023285933	<u>C07D 401 /-</u> 2024200019	<u>C08G 18 /-</u> 2023285949 2024200138	<u>E03B 3 /-</u> 2023203887	<u>F16B 43 /-</u> 2023204189	<u>G01K 7 /-</u> 2023204211
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<u>G06F 21 /-</u>	2023204315	2023286031	<u>H04L 67 /-</u>
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2024200080	2024200085	<u>H01M 4 /-</u>	<u>H04L 9 /-</u>
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	2024200085	2024200062	2022204911
	<u>G07C 9 /-</u>	<u>H01R 103 /-</u>	<u>H04N 5 /-</u>
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		<u>H01R 11 /-</u>	<u>H04R 1 /-</u>
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2023258338	2023203227	<u>H01R 4 /-</u>	2023285975
	2023204166	2023204421	
	2023204167	<u>H02H 9 /-</u>	<u>H04R 25 /-</u>
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2024200052		<u>H02J 3 /-</u>	<u>H04W 12 /-</u>
	<u>G08B 13 /-</u>	2022211871	2023285970
	2022204922	<u>H02J 4 /-</u>	2023286034
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2024200062	2024200017	2022211871	
	2024200033	<u>H02S 40 /-</u>	<u>H04W 8 /-</u>
	<u>G08B 21 /-</u>	2023203966	2023285970
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	2022204923	<u>H03K 19 /-</u>	<u>H10N 60 /-</u>
	<u>G10L 15 /-</u>	2023204316	2024200062
<u>G06N 5 /-</u>	2023258338	<u>H03K 3 /-</u>	
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	2023286009	<u>H03M 13 /-</u>	<u>No IPC Mark</u>
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2024200129	2024200029		
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2024200015			

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 (**) Title not given

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 (54) BATTERY APPARATUS
 (51) Int. Cl.
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H01H 9/10 (2006.01)
H01H 85/02 (2006.01)
H01H 85/12 (2006.01)
H01M 50/10 (2021.01)
H01M 50/14 (2021.01)
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H02J 7/00 (2006.01)
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A61K 38/26 (2006.01)
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 (74) FPA Patent Attorneys Pty Ltd

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 BLOOD INLET CONFIGURED TO IN-
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 (51) Int. Cl.
A61M 60/139 (2021.01)
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A61M 60/857 (2021.01)
A61M 60/861 (2021.01)
 (87) WO2023/278570
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 (72) CORBETT, Scott, C.; QI, Zhongwei
 (74) Davies Collison Cave Pty Ltd

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B01F 23/232 (2022.01)
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B01F 25/21 (2022.01)
B01F 25/30 (2022.01)
B03D 1/24 (2006.01)
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 (72) SALVADÓ ESTIVILL, Joan Antoni;
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D01D 5/00 (2006.01)
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A61L 27/60 (2006.01)
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 (54) SYSTEMS, DEVICES AND METH-
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 (51) Int. Cl.
A61M 5/20 (2006.01)
A61M 5/24 (2006.01)
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 Dehui; CYPHER, Healey, Thomas;
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 Stefanie, Alyse; BRUNO, Nicholas,
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 CARELLI, Nicholas, Joseph
 (74) Monks IP

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A61K 9/06 (2006.01)
A61K 31/00 (2006.01)
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 Robert; DIEDERICH, Julia Eva;
 DYHRFJELD-JOHNSSEN, Jonas
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(21) 2022317287 (22) 29.07.2022
(54) PYRAZOLOPYRIMIDINES AND THEIR
USES AS PDGFR INHIBITORS
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A61K 31/519 (2006.01)
A61P 35/00 (2006.01)
C07D 487/04 (2006.01)
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A METHOD FOR ASSESSING THE
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(51) Int. Cl.
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A61P 35/00 (2006.01)
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(43) 05.01.2023
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(74) Davies Collison Cave Pty Ltd

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A01N 47/04 (2006.01)
A01N 25/04 (2006.01)
A01N 25/30 (2006.01)
A01N 43/40 (2006.01)
A01N 43/54 (2006.01)
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B60G 17/016 (2006.01)
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(74) Griffith Hack

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C12Q 1/6869 (2018.01)
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C07D 413/04 (2006.01)
A61K 31/4245 (2006.01)
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A61P 31/12 (2006.01)
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Akira
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(54) AIR TURBINE DRIVEN ROTARY
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A61F 9/007 (2006.01)
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G06T 5/00 (2006.01)
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(54) CENTRIFUGAL SEPARATOR
(51) Int. Cl.
B04B 11/02 (2006.01)
B04B 1/08 (2006.01)
B04B 7/00 (2006.01)
B04B 15/02 (2006.01)
F16J 15/34 (2006.01)
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UNITS FOR USE IN DISTRIBUTED
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(51) Int. Cl.
G06F 30/20 (2020.01)
G06N 20/00 (2019.01)
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(11) AU-A-2022310691
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(54) METHODS OF TREATING FABRY
DISEASE IN PEDIATRIC PATIENTS
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A61K 31/445 (2006.01)
A61P 43/00 (2006.01)
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ATIVES AS FLUOROPHORS FOR DE-
TECTION OF AMYLOID AND AMYL-
OID-LIKE PROTEINS FOR DIAGNOS-
IS OF NEURODEGENERATIVE DIS-
ORDERS
(51) Int. Cl.
C07D 295/14 (2006.01)
A61K 31/396 (2006.01)
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A61P 25/18 (2006.01)
A61P 25/24 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd
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(51) Int. Cl.
G09B 23/28 (2006.01)
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(74) Griffith Hack
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- (71)** ARLA FOODS AMBA
(11) AU-A-2022314185
(21) 2022314185 **(22)** 18.07.2022
(54) METHOD OF PREPARING A PHOSPHOLIPID-ENRICHED, WHEY-DERIVED COMPOSITION HAVING A LOW CONTENT OF MICROORGANISMS, THE COMPOSITION AS SUCH, AND NUTRITIONAL USE OF THE COMPOSITION
(51) Int. Cl.
A23J 1/20 (2006.01)
A23C 21/00 (2006.01)
A23L 33/00 (2016.01)
A23L 33/19 (2016.01)
A61K 35/20 (2006.01)
A61K 38/00 (2006.01)
A61K 38/17 (2006.01)
A61K 38/19 (2006.01)
C07K 14/52 (2006.01)
C07K 14/78 (2006.01)
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- (71)** ARLA FOODS AMBA
(11) AU-A-2022316339
(21) 2022316339 **(22)** 18.07.2022
(54) METHOD OF PREPARING A WHEY-DERIVED COMPOSITION ENRICHED IN PHOSPHOLIPIDS AND OSTEO-PONTIN, THE COMPOSITION AS SUCH, AND NUTRITIONAL USE OF THE COMPOSITION
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- (51)** Int. Cl.
A23C 21/00 (2006.01)
A23J 1/20 (2006.01)
A23L 33/00 (2016.01)
A23L 33/19 (2016.01)
A61K 35/20 (2006.01)
A61K 38/00 (2006.01)
A61K 38/17 (2006.01)
A61K 38/19 (2006.01)
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C07K 14/78 (2006.01)
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(11) AU-A-2022351251
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(54) TROLLEY
(51) Int. Cl.
B62B 3/10 (2006.01)
B62B 5/04 (2006.01)
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(54) SYSTEM FOR QUEUING FLOWS TO CHANNELS
(51) Int. Cl.
H04L 47/50 (2022.01)
H04L 47/62 (2022.01)
H04L 47/629 (2022.01)
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(72) O'TUAMA, Cillian
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(54) DYNAMIC SOFT DUPLEX WITH MIXED MODE
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H04L 12/46 (2006.01)
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A61B 18/12 (2006.01)
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(54) PLANTS GROWTH MANAGEMENT SYSTEM AND METHOD
(51) Int. Cl.
A01G 9/12 (2006.01)
B25J 15/08 (2006.01)
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G01N 23/227 (2018.01)
B82Y 10/00 (2011.01)
G06N 10/00 (2022.01)
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(54) DENDRIMER CONJUGATES AND METHODS OF USE THEREOF
(51) Int. Cl.
A61K 47/50 (2017.01)
A61K 31/13 (2006.01)
A61K 47/00 (2006.01)
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(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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(54) PARTICLE GENERATING APPARATUS
(51) Int. Cl.
G21G 1/10 (2006.01)
H05H 1/03 (2006.01)
G21B 1/05 (2006.01)
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(54) COMBINATION THERAPIES FOR TREATMENT OF LIVER DISEASES
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C12N 15/113 (2010.01)
A61K 31/712 (2006.01)
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(51) Int. Cl.
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A61K 31/00 (2006.01)
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(74) PHILLIPS ORMONDE FITZPATRICK
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- (71) ATI PROPERTIES LLC
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C22C 19/05 (2006.01)
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(72) VAN DEL HEUVEL, Denny Johan Marijn; PLATTEEUW, Johannes Jan;
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(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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(11) AU-A-2022310349
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(54) COMPOSITIONS AND METHODS FOR ANTIOXIDANT AND ANTI-INFLAMMATORY THERAPEUTICS
(51) Int. Cl.
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A61P 3/04 (2006.01)
A61P 29/00 (2006.01)
A61P 31/12 (2006.01)
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- (71) AXIOM HOLOGRAPHICS PTY LTD
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(54) A DISPLAY ASSEMBLY ARRANGED TO CREATE A PERCEPTION OF A THREE-DIMENSIONAL SCENE
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H04N 13/368 (2018.01)
H04N 13/30 (2018.01)
H04N 13/346 (2018.01)
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(72) DELL, Bruce Robert
(74) Michael Buck IP
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(51) Int. Cl.
A61K 38/17 (2006.01)
A61P 25/00 (2006.01)
A61P 25/18 (2006.01)
A61P 25/30 (2006.01)
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21306694.7 02.12.21 EP
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(72) LEMARCHANT, Sighild, Brunhilde, Adeline; GODFRIN, Yann; SOURIOUX, Mélissa, Christine
(74) Davies Collision Cave Pty Ltd
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(21) 2022289709 (22) 07.06.2022
(54) DETECTING MAGAZINE TYPES USING MAGNETS
(51) Int. Cl.

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

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F41A 9/61 (2006.01)
F42B 5/02 (2006.01)
(87) WO2022/261119
(31) 63/197,603 **(32)** 07.06.21 **(33)** US
(43) 15.12.2022
(72) GROFF, John; RYAN, Trevor;
ROBERTS, Michael; NERHEIM, Magne
H.
(74) WRAYS PTY LTD
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- (71)** AXON ENTERPRISE, INC.
(11) AU-A-2022289883
(21) 2022289883 **(22)** 10.06.2022
(54) MAGAZINE INTERPOSER FOR A
CONDUCTED ELECTRICAL WEAPON
(51) Int. Cl.
F41H 13/00 (2006.01)
F41A 9/61 (2006.01)
F42B 5/02 (2006.01)
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(31) 63/209,766 **(32)** 11.06.21 **(33)** US
(43) 15.12.2022
(72) GROFF, John; RYAN, Trevor; MEUNI-
OT, Arturo; ROBERTS, Michael
(74) WRAYS PTY LTD
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- (71)** BABU, K.R.
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(21) 2021460817 **(22)** 05.10.2021
(54) A STRUCTURE FOR A GUIDE PILLAR
SYSTEM OF A PNEUMATIC VACUUM
ELEVATOR
(51) Int. Cl.
B66B 9/04 (2006.01)
(87) WO2023/021322
(31) 202141037314 **(32)** 17.08.21 **(33)** IN
(43) 23.02.2023
(72) BABU, Killakathu Ramanathan
(74) KILLAKATHU RAMANATHAN BABU
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- (71)** BABU, K.R.
(11) AU-A-2021461060
(21) 2021461060 **(22)** 05.10.2021
(54) A STRUCTURE FOR FRAME PIECES
OF A PNEUMATIC VACUUM ELEVAT-
OR
(51) Int. Cl.
B66B 9/04 (2006.01)
(87) WO2023/021321
(31) 202141037267 **(32)** 17.08.21 **(33)** IN
(43) 23.02.2023
(72) BABU, Killakathu Ramanathan
(74) KILLAKATHU RAMANATHAN BABU
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- (71)** BABU, K.R.
(11) AU-A-2022313571
(21) 2022313571 **(22)** 11.07.2022
(54) A SPLIT UNIT WITH REDUCED
HEADROOM ASSEMBLY FOR A
PNEUMATIC VACUUM ELEVATOR
(51) Int. Cl.
B66B 9/04 (2006.01)
(87) WO2023/002298
(31) 202141032977 **(32)** 22.07.21 **(33)** IN
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- (43)** 26.01.2023
(72) BABU, Killakathu Ramanathan
(74) KILLAKATHU RAMANATHAN BABU
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ELECTRONIC SYSTEMS INTEGRA-
TION INC.
(11) AU-A-2022293393
(21) 2022293393 **(22)** 14.06.2022
(54) WIDEBAND FEATURELESS RATE-
LESS CHAOTIC WAVEFORM GENER-
ATION METHOD
(51) Int. Cl.
H04L 27/00 (2006.01)
H04J 13/00 (2011.01)
H04L 1/00 (2006.01)
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(43) 22.12.2022
(72) SHERMAN, Matthew, J.
(74) Spruson & Ferguson
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- (71)** BARD PERIPHERAL VASCULAR, INC.
(11) AU-A-2021457537
(21) 2021457537 **(22)** 27.07.2021
(54) PORT TO CATHETER CONNECTION
SYSTEM
(51) Int. Cl.
A61M 39/02 (2006.01)
A61M 25/00 (2006.01)
A61M 39/12 (2006.01)
A61M 39/10 (2006.01)
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(72) HOYE, Jessica; DENSLEY, Bryon, Ray;
ANDERSEN, Christian; THOMAS, Ian,
N.; FIUMEFREDDO, Diana
(74) FB Rice Pty Ltd
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- (71)** BASF SE
(11) AU-A-2022310707
(21) 2022310707 **(22)** 06.07.2022
(54) HERBICIDAL PHENYLURACILS
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C07D 239/54 (2006.01)
A01N 43/54 (2006.01)
A01P 13/00 (2006.01)
C07D 401/12 (2006.01)
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(31) 21185972.3 **(32)** 16.07.21 **(33)** EP
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(72) SEISER, Tobias; WITSCHER, Matthi-
as; PETKOVA, Desislava Slavcheva;
BETZ, Michael; NEWTON, Trevor Willi-
am; PARRA RAPADO, Liliana; PAVON
ROMERO, Ricardo Hugo
(74) Griffith Hack
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- (71)** BAYER AKTIENGESSELLSCHAFT
(11) AU-A-2022323684
(21) 2022323684 **(22)** 28.07.2022
(54) USE OF COMPOSITIONS WITH ETH-
OFUMESATE AND BIXLOZONE IN
WHEAT CROPS
(51) Int. Cl.
A01N 43/12 (2006.01)
A01N 25/32 (2006.01)
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- A01N 43/42** (2006.01)
A01N 43/56 (2006.01)
A01N 43/80 (2006.01)
A01P 13/00 (2006.01)
(87) WO2023/012037
(31) 21189245.0 **(32)** 02.08.21 **(33)** EP
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(72) AULER, Thomas; TOSSENS, Herve
(74) Griffith Hack
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- (71)** BECOFLEX
(11) AU-A-2022321637
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(54) COMPACT DEVICE FOR COVER-
ING A SURFACE COMPRISING TWO
AXLES FOR DEPLOYING AND RE-
MOVING THE COVER
(51) Int. Cl.
E04H 4/10 (2006.01)
A63C 19/12 (2006.01)
(87) WO2023/011789
(31) 20215619 **(32)** 03.08.21 **(33)** BE
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(72) COENRAETS, Benoît
(74) Spruson & Ferguson
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- (71)** BEIJING ROBOROCK TECHNOLOGY
CO., LTD.
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(54) RECYCLING BUCKET AND CLEAN-
ING DEVICE
(51) Int. Cl.
A47L 11/40 (2006.01)
A47L 11/29 (2006.01)
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(31) 202110662275.1 **(32)** 15.06.21 **(33)** CN
(43) 22.12.2022
(72) LIU, Wang; LUO, Guangzhong; LUO,
Ping; LI, Jiapeng
(74) ALLENS PATENT & TRADE MARK
ATTORNEYS
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- (71)** BEIJING ZITIAO NETWORK TECHNO-
LOGY CO., LTD.
(11) AU-A-2022338812
(21) 2022338812 **(22)** 30.08.2022
(54) INFORMATION PUBLISHING METH-
OD AND APPARATUS, INFORMATION
DISPLAY METHOD AND APPARATUS,
ELECTRONIC DEVICE, AND MEDIUM
(51) Int. Cl.
G06F 16/432 (2019.01)
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(43) 09.03.2023
(72) WANG, Daoyu; ZHENG, Ziyang;
WANG, Xingyi; SUN, Hui
(74) Griffith Hack
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- (71)** BESSEY TOOL GMBH & CO. KG
(11) AU-A-2022326143
(21) 2022326143 **(22)** 26.07.2022
(54) CLAMPING DEVICE AND ABUTMENT
DEVICE FOR A PLATE, AND METH-
OD FOR CLAMPING AT LEAST ONE
WORKPIECE BETWEEN A CLAMP-

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DEVICE
(51) Int. Cl.
B25B 5/02 (2006.01)
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10 2021 130 373.7 19.11.21 DE
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(72) SAWIZKI, Valentin; KLÖPFER, Gerhard
(74) Davies Collison Cave Pty Ltd

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ACADEMY OF SCIENCES
(11) AU-A-2021447399
(21) 2021447399 (22) 04.09.2021
(54) GRAPHENE POLYMER ELECTRO-
CHEMICAL SENSOR, AND MANU-
FACTURING METHOD THEREFOR
AND APPLICATION THEREOF IN DE-
TECTION OF P-NITROPHENOL
(51) Int. Cl.
G01N 27/30 (2006.01)
G01N 27/48 (2006.01)
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(43) 01.12.2022
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SONG, Jin; SHI, Jianguo; YANG, Jun-
hui
(74) Madderns Pty Ltd

(71) BIOMARIN PHARMACEUTICAL INC.
(11) AU-A-2022317647
(21) 2022317647 (22) 22.07.2022
(54) LARGE SCALE ADENO-ASSOCIATED
VIRUS PRODUCTION SYSTEMS
(51) Int. Cl.
C12N 15/86 (2006.01)
C12N 5/10 (2006.01)
C12N 15/866 (2006.01)
A61K 48/00 (2006.01)
(87) WO2023/009968
(31) 63/226,564 (32) 28.07.21 (33) US
63/226,626 28.07.21 US
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(72) CINEK, Tomas; PELTIER, Joseph
Charles; APONTE-UBILLUS, Juan
Jose; BARAJAS, Daniel; PANDE, San-
tosh G.
(74) Davies Collison Cave Pty Ltd

(71) BIONTECH SE; GENMAB A/S
(11) AU-A-2022312698
(21) 2022312698 (22) 13.07.2022
(54) MULTISPECIFIC BINDING AGENTS
AGAINST CD40 AND CD137 IN COM-
BINATION THERAPY FOR CANCER
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
(87) WO2023/285552
(31) 63/221,340 (32) 13.07.21 (33) US
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FELLERMEIER-KOPF, Sina; FU, Yali;
ADAMS, Homer, III; BAJAJ, Gaurav;
HIGGS, Brandon; FERESHTEH,

Mark; SPIRES, Vanessa; BLUM,
Jordan; GARRIDO CASTRO, Patri-
cia; NIEWOOD, Michelle; GIESEKE,
Friederike; BECKMANN, Karsten;
PAULMANN, Claudia; KUZMANOV,
Ivan; BREIJ, Esther Cornelia Wil-
helmina; GUELEN, Lars; NEIJSEN,
Jost; DE KREUK, Bart-Jan; HIBBERT,
Richard; SCHUURMAN, Janine; LAB-
RIJN, Aran Frank
(74) PHILLIPS ORMONDE FITZPATRICK

(71) BIORA THERAPEUTICS, INC.
(11) AU-A-2022342078
(21) 2022342078 (22) 09.09.2022
(54) AQUEOUS FORMULATIONS OF TO-
FACITINIB AND TOFACITINIB SALTS
(51) Int. Cl.
A61K 31/33 (2006.01)
A61K 31/40 (2006.01)
A61K 31/435 (2006.01)
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(72) VONGASAVARIT, Thotsaphon; PER-
ERA, Aruna; HOWE, Kevin David
(74) Davies Collison Cave Pty Ltd

(71) BLUEBIRD BIO, INC.
(11) AU-A-2022305241
(21) 2022305241 (22) 30.06.2022
(54) METHODS
(51) Int. Cl.
G01N 33/00 (2006.01)
G01N 33/50 (2006.01)
G01N 33/72 (2006.01)
G01N 31/00 (2006.01)
(87) WO2023/278810
(31) 63/217,576 (32) 01.07.21 (33) US
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(72) SHESTOPALOV, Ilya; SAIA, Gregory,
Lawrence
(74) Davies Collison Cave Pty Ltd

(71) BLUVEIN INNOVATION AB
(11) AU-A-2021454890
(21) 2021454890 (22) 09.07.2021
(54) ELECTRIC VEHICLE FOR HEAVY
DUTY APPLICATIONS
(51) Int. Cl.
B60L 50/53 (2019.01)
(87) WO2023/279135
(43) 12.01.2023
(72) OLIVER, James; BACH, Richard;
SPRAGUE, Anthony
(74) Griffith Hack

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VERSITY OF TEXAS SYSTEM
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(54) POLYPEPTIDES TARGETING CD70-
POSITIVE CANCERS
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 38/19 (2006.01)
(87) WO2023/278520

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(43) 05.01.2023
(72) REZVANI, Katy; BOVER, Laura del
Carmen; BASAR, Rafet; ACHARYA,
Sunil; VIEN, Long; UPRETY, Nadima;
ENSLEY, Emily
(74) FB Rice Pty Ltd

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LOUISIANA STATE UNIVERSITY AND
AGRICULTURAL AND MECHANICAL
COLLEGE
(11) AU-A-2022317782
(21) 2022317782 (22) 26.07.2022
(54) COMPOUNDS AND METHODS FOR
TREATING 5-HT2 RESPONSIVE CON-
DITIONS
(51) Int. Cl.
C07C 217/54 (2006.01)
A61K 31/137 (2006.01)
A61P 25/24 (2006.01)
C07C 13/06 (2006.01)
A61P 29/00 (2006.01)
(87) WO2023/010000
(31) 63/225,755 (32) 26.07.21 (33) US
(43) 02.02.2023
(72) NICHOLS, Charles
(74) Spruson & Ferguson

(71) BOEHRINGER INGELHEIM INTERNA-
TIONAL GMBH
(11) AU-A-2022319819
(21) 2022319819 (22) 15.07.2022
(54) IDENTIFICATION OF COMMON TU-
MOR-SPECIFIC T CELL RECEPTORS
AND ANTIGENS
(51) Int. Cl.
A61K 35/17 (2015.01)
A61K 39/00 (2006.01)
A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
C12N 5/0783 (2010.01)
C12N 5/10 (2006.01)
C12N 15/10 (2006.01)
C12Q 1/6809 (2018.01)
G01N 33/574 (2006.01)
(87) WO2023/006450
(31) 21185876.6 (32) 15.07.21 (33) EP
(43) 02.02.2023
(72) HAMMER, Rudolf; HENNIG, Steffen;
ADAM, Paul; LUKOWSKI, Samuel;
WEISMANN, David
(74) SR Intellectual Property

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TIONAL GMBH
(11) AU-A-2022351402
(21) 2022351402 (22) 26.09.2022
(54) QUANTIFICATION METHOD OF
POLYSORBATE IN AQUEOUS FOR-
MULATIONS
(51) Int. Cl.
G01N 33/58 (2006.01)
G01N 33/68 (2006.01)
G01N 33/92 (2006.01)
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(31) 21199048.6 (32) 27.09.21 (33) EP

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(74) Spruson & Ferguson
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- (71) BOEHRINGER INGELHEIM VETERINARY MEDICINE BELGIUM
(11) AU-A-2022307748
(21) 2022307748 (22) 05.07.2022
(54) MESENCHYMAL STEM CELLS FOR USE IN THE TREATMENT OF OSTEOARTHRITIS IN ANIMALS
(51) Int. Cl.
A61K 35/14 (2015.01)
A61K 35/28 (2015.01)
A61P 19/02 (2006.01)
A61K 35/12 (2015.01)
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(72) SPAAS, Jan; BROECKX, Sarah; PAUWELYN, Glenn; BEERTS, Charlotte
(74) Adams Pluck
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- (71) BOOMERANGO INC.
(11) AU-A-2022315215
(21) 2022315215 (22) 21.07.2022
(54) METHODS AND SYSTEMS FOR CONDUCTING GAMES OF CHANCE
(51) Int. Cl.
G07F 17/32 (2006.01)
A63F 9/24 (2006.01)
G07F 17/00 (2006.01)
(87) WO2023/004037
(31) 63/224,718 (32) 22.07.21 (33) US
(43) 26.01.2023
(72) JESSOME, Michael Patrick
(74) IP Guardian Pty Ltd
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- (71) BOS FABRICATION ENGINEERING SERVICES PTY LTD
(11) AU-A-2022319177
(21) 2022319177 (22) 28.07.2022
(54) TEST CAP
(51) Int. Cl.
F16L 55/115 (2006.01)
E03B 7/00 (2006.01)
G01L 7/08 (2006.01)
G01L 19/12 (2006.01)
G01M 3/28 (2006.01)
G01M 3/32 (2006.01)
(87) WO2023/004462
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(72) MOODY, Mark; VAN DEN BOS, Jurgen
(74) Dennemeyer & Associates
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- (71) BOSTON SCIENTIFIC SCIMED, INC.
(11) AU-A-2022324016
(21) 2022324016 (22) 03.08.2022
(54) BRAKING MECHANISMS FOR STEERABLE MEDICAL DEVICES AND RELATED METHODS
(51) Int. Cl.
A61B 1/005 (2006.01)
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- A61M 25/01 (2006.01)
(87) WO2023/014812
(31) 63/203,902 (32) 04.08.21 (33) US
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(72) GOLDEN, John, B.; WILDER, Evan; HARRIS, Colby; McBRIEN, Michael
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- (71) BOSTON SCIENTIFIC SCIMED, INC.
(11) AU-A-2022325130
(21) 2022325130 (22) 28.07.2022
(54) MEDICAL DEVICE CONTROL MECHANISM AND METHODS OF USE
(51) Int. Cl.
A61B 1/00 (2006.01)
A61B 1/05 (2006.01)
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(72) WALAK, Steven, E.; STANFORD, Bridget; KHANCHANDANI, Priya, Vasdev; O'SHAUGHNESSY, Seamus, Finbarr; ZUPKOFKA, Michael, E.; BOURASSA, Heather
(74) Spruson & Ferguson
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- (71) BUDDI LIMITED
(11) AU-A-2022301541
(21) 2022301541 (22) 14.06.2022
(54) A WEARABLE DEVICE
(51) Int. Cl.
A61B 5/00 (2006.01)
A61B 5/11 (2006.01)
G01N 33/497 (2006.01)
(87) WO2023/275508
(31) 2109491.7 (32) 30.06.21 (33) GB
(43) 05.01.2023
(72) FINDLAY, Ewan; LAING, Niall; MURRAY, Sara; BARNARD, Edward
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
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- (71) BWXT ISOTOPE TECHNOLOGY GROUP, INC.
(11) AU-A-2022291925
(21) 2022291925 (22) 17.06.2022
(54) IRRADIATION TARGETS FOR THE PRODUCTION OF RADIOISOTOPES AND DEBUNDLING TOOL FOR DISASSEMBLY THEREOF
(51) Int. Cl.
A61N 5/10 (2006.01)
G21G 1/12 (2006.01)
A61K 51/00 (2006.01)
(87) WO2022/266487
(31) 63/344,391 (32) 20.05.22 (33) US
(43) 63/212,177 18.06.21 US
(43) 22.12.2022
(72) LOGUE, Evan, Thomas
(74) Griffith Hack
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- (71) BWXT ISOTOPE TECHNOLOGY GROUP, INC.
(11) AU-A-2022294912
(21) 2022294912 (22) 17.06.2022
(54) IRRADIATION TARGETS FOR THE PRODUCTION OF RADIOISOTOPES
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- DEBUNDLING TOOL FOR DISASSEMBLY THEREOF
(51) Int. Cl.
A61N 5/10 (2006.01)
G21G 1/12 (2006.01)
A61K 51/00 (2006.01)
(87) WO2022/266476
(31) 63/344,391 (32) 20.05.22 (33) US
(43) 63/212,177 18.06.21 US
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(72) LOGUE, Evan, Thomas; WHITTEN, Andrew, Cary
(74) Griffith Hack
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- (71) BYD COMPANY LIMITED
(11) AU-A-2022350974
(21) 2022350974 (22) 23.09.2022
(54) BATTERY POSITIVE ELECTRODE MATERIAL AND APPLICATION THEREOF
(51) Int. Cl.
H01M 4/505 (2010.01)
H01M 4/525 (2010.01)
(87) WO2023/046066
(31) 202111126603.2 (32) 24.09.21 (33) CN
(43) 30.03.2023
(72) CHENG, Bin; PAN, Yi; ZHUANG, Minghao; DENG, Ruoyi; WU, Pengyu
(74) GLMR
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- (71) CAAMTECH, INC.
(11) AU-A-2022300870
(21) 2022300870 (22) 28.06.2022
(54) CRYSTALLINE HYDROCHLORIDE SALTS OF SUBSTITUTED TRYPTAMINES
(51) Int. Cl.
A61K 31/404 (2006.01)
A61K 31/33 (2006.01)
A61K 31/40 (2006.01)
A61K 31/00 (2006.01)
(87) WO2023/278403
(31) 63/216,159 (32) 29.06.21 (33) US
(43) 05.01.2023
(72) CHADEAYNE, Andrew, R.
(74) ALLENS PATENT & TRADE MARK ATTORNEYS
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- (71) CAMBRIDGE ENTERPRISE LIMITED
(11) AU-A-2022294208
(21) 2022294208 (22) 08.06.2022
(54) TREATMENT OR PREVENTION OF ISCHAEMIA REPERFUSION INJURY
(51) Int. Cl.
A61K 31/194 (2006.01)
A61K 9/00 (2006.01)
A61K 31/22 (2006.01)
A61K 45/06 (2006.01)
A61P 9/10 (2006.01)
(87) WO2022/263792
(31) 2108594.9 (32) 16.06.21 (33) GB
(43) 22.12.2022
(72) KRIEG, Thomas; MURPHY, Michael P; PRAG, Hiran A
(74) James & Wells Intellectual Property
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(11) AU-A-2022318169
(21) 2022318169 (22) 29.07.2022
(54) TRANSMUCOSAL PATCH COMPRISING A CANNABINOID AND/OR AN OPIOID
(51) Int. Cl.
A61K 9/70 (2006.01)
(87) WO2023/006980
(31) 21188925.8 (32) 30.07.21 (33) EP
(43) 02.02.2023
(72) VON COBURG, Yvonne; WINDBERGS, Maike; PLANZ, Viktoria; WALTHER, Alice; FREY, Nadine; SEIFERT, Anke; WALTHER, Marcel
(74) Davies Collison Cave Pty Ltd

(71) CARBONIX INC.
(11) AU-A-2022320194
(21) 2022320194 (22) 26.07.2022
(54) PROCESSES FOR PREPARING CARBON SOURCES FOR ACTIVATION AND FOR ACTIVATING CARBON
(51) Int. Cl.
C01B 32/342 (2017.01)
B01D 53/02 (2006.01)
B01D 53/52 (2006.01)
B01D 53/62 (2006.01)
C01B 32/30 (2017.01)
C01B 32/312 (2017.01)
C01B 32/318 (2017.01)
C02F 1/28 (2023.01)
C10L 3/10 (2006.01)
(87) WO2023/004502
(31) 63/226,370 (32) 28.07.21 (33) US
(43) 02.02.2023
(72) PEDE, Paul Raivo; VREUGDENHIL, Andrew James; STRONG, Oliver; DENNIS, Cole Jeffery
(74) SR Intellectual Property

(71) CARL ZEISS MEDITEC AG
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(21) 2022301346 (22) 22.06.2022
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(51) Int. Cl.
A61F 2/16 (2006.01)
(87) WO2023/274800
(31) 10 2021 116 615.2 (32) 28.06.21 (33) DE
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(21) 2022329901 (22) 13.07.2022
(54) SYSTEM AND METHOD FOR FORMAL MODELLING OF TRUSTED EDGE LOT SECURITY GATEWAYS
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G06F 9/455 (2018.01)
G06F 9/50 (2006.01)
G06F 21/60 (2013.01)
H04L 67/10 (2022.01)
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(74) GLMR

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(21) 2022294054 (22) 16.06.2022
(54) SUBSTITUTED PYRAZOLO[1,5-A]PYRIMIDINE-7-AMINE COMPOUNDS AS CDK INHIBITORS AND THEIR THERAPEUTIC USE
(51) Int. Cl.
A61P 35/00 (2006.01)
A61K 31/519 (2006.01)
C07D 487/04 (2006.01)
C07D 519/00 (2006.01)
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(21) 2022324850 (22) 07.07.2022
(54) EXHAUST GAS PURIFICATION CATALYST
(51) Int. Cl.
B01J 29/76 (2006.01)
B01D 53/94 (2006.01)
B01J 37/04 (2006.01)
B01J 37/08 (2006.01)
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(21) 2022310023 (22) 13.07.2022
(54) FAULT DETECTION FOR SECONDARY STEERING SYSTEM
(51) Int. Cl.
B62D 5/30 (2006.01)
(87) WO2023/287890
(31) 17/376,982 (32) 15.07.21 (33) US
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(74) Patent Attorney Services

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(21) 2022311772 (22) 12.07.2022
(54) MULTI-LAYER GEAR DETERMINATION SYSTEM
(51) Int. Cl.
B63H 21/21 (2006.01)
F16H 59/50 (2006.01)

F16H 61/20 (2006.01)
(87) WO2023/287738
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(72) NEATHERY, Brian P.; GANDY, Cameron S.
(74) Patent Attorney Services

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(54) SYSTEMS AND METHODS FOR IMPROVING MACHINE PERFORMANCE BASED ON MACHINE APPLICATION IDENTIFICATION
(51) Int. Cl.
G06V 10/82 (2022.01)
G06V 20/56 (2022.01)
(87) WO2023/287745
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(72) SARDENBERG, Lucas I.
(74) Patent Attorney Services

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(54) MULTISTEP PROCESS FOR CULTURING TUMOR-INFILTRATING LYMPHOCYTES FOR THERAPEUTIC USE
(51) Int. Cl.
C12N 5/0783 (2010.01)
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(21) 2022383126 (22) 01.06.2022
(54) TUNNELING MACHINE AND DIGGING AND ANCHORING INTEGRATED MACHINE
(51) Int. Cl.
E21C 25/06 (2006.01)
E21D 9/10 (2006.01)
E21F 17/18 (2006.01)
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A61M 29/04 (2006.01)
A61B 17/42 (2006.01)
A61F 2/82 (2013.01)
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(11) AU-A-2022306467
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(54) COMPOUND OF THE 7A,8,9,10,11,11A-HEXAHYDRO-1H,7H-PYRANO[2,3-C]XANTHENE TYPE, METHOD OF PREPARATION THEREOF, INTERMEDIATES THEREOF AND THERAPEUTIC APPLICATIONS THEREOF
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C07D 493/04 (2006.01)
A61K 31/35 (2006.01)
A61P 31/12 (2006.01)
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B65D 41/34 (2006.01)
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(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
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(54) OPTICAL SURFACE STRAIN MEASUREMENTS FOR PIPE INTEGRITY MONITORING
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C07K 16/24 (2006.01)
A61P 17/06 (2006.01)
A61P 37/06 (2006.01)
C07K 16/28 (2006.01)
G01N 33/564 (2006.01)
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A61K 31/444 (2006.01)
A61K 31/4184 (2006.01)
A61K 31/5025 (2006.01)
A61K 31/506 (2006.01)
A61K 31/519 (2006.01)
A61K 31/53 (2006.01)
A61K 45/06 (2006.01)
A61P 35/02 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd
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(54) STRUCTURALLY COMPLETE ORGANOIDS
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C12N 5/071 (2010.01)
C12N 5/073 (2010.01)
C12N 5/00 (2006.01)
C12N 5/077 (2010.01)
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(54) METHOD AND SYSTEM FOR ESTIMATING VOLTAGE SUPPORT STRENGTH OF NEW ENERGY GRID-CONNECTED SYSTEM, AND STORAGE MEDIUM AND ELECTRONIC DEVICE
(51) Int. Cl.
H02J 3/38 (2006.01)
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(43) 15.06.2023
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(54) INFORMATION PROVISION SYSTEM, INFORMATION PROVISION DEVICE, AND INFORMATION PROVISION PROGRAM
(51) Int. Cl.
G06Q 10/00 (2023.01)
G06Q 50/04 (2012.01)
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(71) CINCOR PHARMA, INC. (11) AU-A-2022299103 (21) 2022299103 (22) 24.06.2022 (54) METHODS OF USING ALDOSTERONE SYNTHASE INHIBITORS (51) Int. Cl. A61K 31/4725 (2006.01) A61P 5/38 (2006.01) A61P 9/12 (2006.01)	(71) CLARITY PHARMACEUTICALS LTD (11) AU-A-2022328455 (21) 2022328455 (22) 16.08.2022 (54) RADIOPHARMACEUTICALS, METHODS FOR THE PRODUCTION THEREOF, AND USES IN TREATMENT, DIAGNOSIS AND IMAGING DISEASES (51) Int. Cl. C07B 59/00 (2006.01) A61K 51/08 (2006.01) A61P 35/00 (2006.01) C07K 7/08 (2006.01) (87) WO2023/019303 (31) 2021902553 (32) 17.08.21 (33) AU (43) 23.02.2023 (72) MCINNES, Lachlan Eion; DONNELLY, Paul Stephen; IRONSIDE, Michael David (74) Davies Collison Cave Pty Ltd	(71) COLGATE-PALMOLIVE COMPANY (11) AU-A-2022313890 (21) 2022313890 (22) 20.07.2022 (54) ORAL CARE COMPOSITIONS COMPRISING HYDROXYAPATITE (51) Int. Cl. A61Q 11/00 (2006.01) A61K 8/19 (2006.01) A61K 8/21 (2006.01) A61K 8/24 (2006.01) A61K 8/25 (2006.01) A61K 8/27 (2006.01) A61K 8/44 (2006.01) A61K 8/73 (2006.01) (87) WO2023/003941 (31) 63/223,720 (32) 20.07.21 (33) US

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- (71) COLGATE-PALMOLIVE COMPANY
(11) AU-A-2022313966
(21) 2022313966 (22) 22.07.2022
(54) SOLID PERSONAL CARE COMPOSITIONS INCORPORATING NATURAL BENEFIT AGENTS SUCH AS FLAX-SEED OIL AND METHODS FOR THE SAME
(51) Int. Cl.
A61K 8/02 (2006.01)
A61K 8/92 (2006.01)
A61P 17/00 (2006.01)
A61Q 15/00 (2006.01)
A61Q 19/10 (2006.01)
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C11D 9/26 (2006.01)
(87) WO2023/004100
(31) 63/225,202 (32) 23.07.21 (33) US
(43) 26.01.2023
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(21) 2022315196 (22) 20.07.2022
(54) ORAL CARE COMPOSITIONS COMPRISING HYDROXYAPATITE
(51) Int. Cl.
A61Q 11/00 (2006.01)
A61K 8/24 (2006.01)
A61K 8/25 (2006.01)
A61K 8/44 (2006.01)
(87) WO2023/003948
(31) 63/223,713 (32) 20.07.21 (33) US
(43) 26.01.2023
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(51) Int. Cl.
A61Q 11/00 (2006.01)
A61K 8/19 (2006.01)
A61K 8/24 (2006.01)
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A01N 31/08 (2006.01)
A01N 37/36 (2006.01)
A01P 1/00 (2006.01)
A61K 8/34 (2006.01)
A61K 8/35 (2006.01)
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(31) 202110884865.9 (32) 03.08.21 (33) CN
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(72) LIAO, Yuxi; LU, Xiaojing; SHI, Manying; ZHANG, Yuchen; WANG, Xiaojun
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(54) DIGITAL CERTIFICATES
(51) Int. Cl.
H04L 9/32 (2006.01)
G06F 21/64 (2013.01)
(87) WO2023/283693
(31) 2021902199 (32) 16.07.21 (33) AU
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(72) SAI, Yilin; CHEN, Shipping
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(11) AU-A-2022311871
(21) 2022311871 (22) 07.07.2022
(54) THIN-FILM COMPOSITE MEMBRANES HAVING IMPROVED ADHESION BETWEEN LAYERS AND USES THEREOF
(51) Int. Cl.
B01D 69/02 (2006.01)
B01D 53/22 (2006.01)
B01D 69/12 (2006.01)
B01D 71/32 (2006.01)
B01D 71/44 (2006.01)
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H04L 1/00 (2006.01)
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(74) Maxwells Patent & Trade Mark Attorneys Pty Ltd
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(54) MODULAR PALETTE
(51) Int. Cl.
A45D 40/24 (2006.01)
A45D 33/00 (2006.01)
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A45D 40/00 (2006.01)
A45D 40/22 (2006.01)
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(72) ROH, Yeon Jung
(74) Maxwells Patent & Trade Mark Attorneys Pty Ltd
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(54) REVERSIBLE DRAWER ASSEMBLY
(51) Int. Cl.
F25D 25/02 (2006.01)
A47B 88/40 (2017.01)
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(72) CAMACHO, Cristhian, Camilo Serrano; BARTH, Max, Henrique
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(51) Int. Cl.
B01D 53/96 (2006.01)
B01D 53/14 (2006.01)
C02F 1/28 (2023.01)
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(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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A61M 16/00 (2006.01)
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(51) Int. Cl.
H04B 1/3883 (2015.01)
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(74) FPA Patent Attorneys Pty Ltd
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(54) AUTOMATIC PRODUCT DISPENSER
(51) Int. Cl.
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(74) James & Wells Intellectual Property
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C12N 1/00 (2006.01)
C12N 5/071 (2010.01)
C12N 5/0735 (2010.01)
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(72) NAKAMURA Kentaro; YOSHINO Yui-chi; HANDO Rie
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C12Q 1/02 (2006.01)
A61K 35/12 (2015.01)
A61K 35/545 (2015.01)
A61P 19/02 (2006.01)
A61P 19/08 (2006.01)
A61P 43/00 (2006.01)
C12N 5/02 (2006.01)
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(72) CHEN, Minhua; SHI, Jiaming; ZHANG, Jing
(74) Griffith Hack
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(11) AU-A-2022311026
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(54) VOLUME REDUCTION SOLIDS TREATMENT SYSTEM
(51) Int. Cl.
C02F 11/122 (2019.01)
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C02F 11/16 (2006.01)
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(74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd
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(51) Int. Cl.
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- (54) USE OF LACTOBACILLUS FERMENTUM STRAIN AND REGULATORY T CELLS IN COMBINATION THERAPY FOR PREVENTING AND TREATING METABOLIC DISEASE
(51) Int. Cl.
A61K 35/747 (2015.01)
A23L 33/10 (2016.01)
A23L 33/105 (2016.01)
A23L 33/135 (2016.01)
A61K 35/17 (2015.01)
A61K 36/068 (2006.01)
A61K 36/8945 (2006.01)
A61P 3/04 (2006.01)
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- (71) GI CELL, INC.; GI BIOME
(11) AU-A-2022295609
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(54) Use of lactobacillus fermentum strain and natural killer cells for combination therapy for prevention or treatment of metabolic diseases
(51) Int. Cl.
A61K 35/747 (2015.01)
A23L 33/10 (2016.01)
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(54) ANTI-CTLA-4 BINDING PROTEINS AND METHODS OF USE THEREOF
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A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C07K 14/25 (2006.01)
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C12Q 1/6806 (2018.01)
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A01H 3/04 (2006.01)
C12N 9/42 (2006.01)
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(54) VALVE ASSEMBLY
(51) Int. Cl.
A62B 18/02 (2006.01)
A41D 13/11 (2006.01)
A62B 18/10 (2006.01)
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(54) DETECTION METHOD FOR WIND DRIVEN GENERATOR, AND RELATED APPARATUS
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F03D 17/00 (2016.01)
F03D 7/02 (2006.01)
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G06N 10/20 (2022.01)
G06N 10/40 (2022.01)
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G16C 10/00 (2019.01)
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B65D 71/44 (2006.01)
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(74) PHILLIPS ORMONDE FITZPATRICK

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F16F 15/31 (2006.01)
F16C 32/04 (2006.01)
F16D 37/00 (2006.01)
F16D 37/02 (2006.01)
H02J 15/00 (2006.01)
H02K 5/12 (2006.01)
H02K 7/02 (2006.01)
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A61K 36/074 (2006.01)
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A61K 9/08 (2006.01)
A61K 9/20 (2006.01)
A61K 9/48 (2006.01)
A61K 31/215 (2006.01)
A61P 35/00 (2006.01)
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A47J 36/02 (2006.01)
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(54) CONDIMENT DISPENSING APPARATUS, SYSTEM, AND METHODS OF USE
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A47G 19/18 (2006.01)
A47J 47/01 (2006.01)
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B65D 83/00 (2006.01)
B67D 3/00 (2006.01)
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(54) DISPENSER AND CONTAINER FOR DISPENSING SHEET-TYPE MATERIAL
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(54) BRUTON'S TYROSINE KINASE AND MUTANT DEGRADER, COMPOSITION AND APPLICATION THEREOF
(51) Int. Cl.
C07D 401/14 (2006.01)
A61K 31/4427 (2006.01)
A61P 35/00 (2006.01)
C07D 413/14 (2006.01)
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(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

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(54) EXTENDED-RELEASE IMMUNE CELL ENGAGING PROTEINS AND METHODS OF TREATMENT
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C07K 16/28 (2006.01)
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(72) POLTARETSKYI, Sergii; NEICHEL, Nicolas; COLLIN, Philippe
(74) FB Rice Pty Ltd

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H04W 24/10 (2009.01)
G08C 17/02 (2006.01)
H04B 17/309 (2015.01)
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(74) PHILLIPS ORMONDE FITZPATRICK

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C12N 5/071 (2010.01)
G01N 33/483 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd

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B30B 3/00 (2006.01)
B44B 5/02 (2006.01)
C23C 14/06 (2006.01)
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(72) KAOUK, Ali; HAGEDORN, Thorsten; THÖLEN, Berthold
(74) FB Rice Pty Ltd

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C23C 14/06 (2006.01)
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(72) KAOUK, Ali; HAGEDORN, Thorsten; THÖLEN, Berthold
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(71) HYDRO INTERNATIONAL LTD
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E03F 5/14 (2006.01)
B01D 21/00 (2006.01)
E03F 5/04 (2006.01)
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(72) LECORNU, Jeremy Paul; WALSH, Philip; JARMAN, Daniel Stuart
(74) AJ PARK

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(21) 2022310735 (22) 08.07.2022
(54) TREATMENT OF RESPIRATORY CONDITIONS
(51) Int. Cl.
A61K 9/00 (2006.01)
A61K 9/08 (2006.01)
A61K 33/20 (2006.01)
A61P 11/00 (2006.01)
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(72) DAKIN, Myles; ASPINALL, Richard; KENNY, Thomas
(74) Griffith Hack

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(54) COMPOSITIONS FOR EMBOLIZATION
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A61L 24/04 (2006.01)
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(72) LÓPEZ MOYA, Mario; RAMOS PÉREZ, Víctor
(74) Michael Buck IP

(71) IFP ENERGIES NOUVELLES; JEPLAN, INC.
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(21) 2022292037 (22) 07.06.2022
(54) METHOD FOR DEPOLYMERISING A POLYESTER FILLER COMPRISING A PRE-MIXING STAGE OF THE FILLER
(51) Int. Cl.
C08J 11/24 (2006.01)
C07C 67/48 (2006.01)
C07C 69/82 (2006.01)
(87) WO2022/263235
(31) FR2106437 (32) 17.06.21 (33) FR
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(72) HAROUN, Yacine; CHARRA, Cyprien
(74) Griffith Hack

(71) IFP ENERGIES NOUVELLES; JEPLAN, INC.
(11) AU-A-2022293929
(21) 2022293929 (22) 07.06.2022
(54) METHOD FOR PRODUCING A PURIFIED AND DECOLOURED DIESTER MONOMER, BY MEANS OF DEPOLYMERISATION OF A POLYESTER FEEDSTOCK
(51) Int. Cl.
C08J 11/24 (2006.01)
C07C 67/48 (2006.01)
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(87) WO2022/263237
(31) FR2106440 (32) 17.06.21 (33) FR
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(72) CHICHE, David; BLANCHE, Guillaume; LEINEKUGEL LE COCQ, Damien; FAVRE, Frederic; HAROUN, Yacine; THINON, Olivier; MEKKI-BERRADA,

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A61K 31/33 (2006.01)
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(54) COMPOSITIONS AND METHODS FOR INHIBITING CREATINE TRANSPORT AS A TREATMENT FOR CANCER
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A61P 35/00 (2006.01)
A61K 31/155 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd

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(54) SPRAY NOZZLE ERROR DETECTION
(51) Int. Cl.
A01M 7/00 (2006.01)
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(54) MAGNETIC INDEXING OF AGRICULTURAL SENSORS
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(72) EICKHOFF, Ross; BJERTNESS, Dan; WOOD, Dan
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(21) 2022319678 (22) 25.07.2022
(54) SYSTEM AND METHOD FOR PREDICTING ILLNESS, DEATH AND/OR OTHER ABNORMAL CONDITION OF AN ANIMAL
(51) Int. Cl.
A61B 5/01 (2006.01)
A01K 11/00 (2006.01)
A01K 29/00 (2006.01)
G16H 50/20 (2018.01)
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(54) A PILE DRIVING DEVICE AND A FOLLOWER
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(72) OVERKAMP, Patrick Ingmar
(74) FPA Patent Attorneys Pty Ltd

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(54) APPARATUS, ARRANGEMENT AND METHOD FOR ELECTROMAGNETIC ISOLATION FOR QUANTUM COMPUTING CIRCUIT
(51) Int. Cl.
H03H 11/04 (2006.01)
H03H 11/34 (2006.01)
H03K 3/38 (2006.01)
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(72) LÄHTEENMÄKI, Pasi; MÖTTÖNEN, Mikko
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(54) BODY-ATTACHABLE UNIT FOR MEASURING BIOMETRIC INFORMATION
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A61B 5/145 (2006.01)
A61B 5/00 (2006.01)
A61B 5/15 (2006.01)
A61B 5/155 (2006.01)
A61M 5/00 (2006.01)
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(72) CHOI, Hyun Ho; RYU, Goang Yel; WANG, Ji Hoon
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G01F 15/063 (2022.01)
G01D 3/024 (2006.01)
G01D 4/00 (2006.01)
G01D 21/00 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd

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G01F 15/00 (2006.01)
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(54) NUCLEIC ACID CODING FOR KLK2-GPI FUSION PROTEIN, RECOMBINANT CELLS, AND USES THEREOF
(51) Int. Cl.
C12N 9/64 (2006.01)
C12N 15/09 (2006.01)
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(72) EMANUEL, Stuart L.; RUTKOSKI, Thomas J.
(74) Spruson & Ferguson

(71) JANSSEN PHARMACEUTICA NV
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(54) INHIBITORS OF BRUTON'S TYROSINE KINASE AND METHODS OF THEIR USE
(51) Int. Cl.
A61K 31/519 (2006.01)
A61K 9/00 (2006.01)
A61K 31/635 (2006.01)
A61P 35/00 (2006.01)
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(72) BALASUBRAMANIAN, Sriram; CORNELISSEN, Ivo; GUO, Yue; LEU, Jocelyn H.; PACKMAN, Kathryn E.; PALMER, James Alexander; PHILIPPAR, Ulrike; RAO, Navin; TICHENOR, Mark S.; VENABLE, Jennifer D.; WIENER, John J.M.; MIAO, Xin
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(54) SUBSTITUTED PHENYL-1H-PYRROLO[2, 3-c]PYRIDINE DERIVATIVES
(51) Int. Cl.
C07D 471/04 (2006.01)
A61P 35/00 (2006.01)
C07D 487/04 (2006.01)
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(21) 2022289804 (22) 09.06.2022
(54) LIQUEFIED CARBON DIOXIDE PRESS-FITTING SYSTEM AND LIQUEFIED CARBON DIOXIDE PRESS-FITTING METHOD
(51) Int. Cl.
B63B 35/44 (2006.01)
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(72) HIRAKAWA Takashi; KOKUBUN Noriyuki; ICHIHARA Kazuhito; KIM Hyunah; YASUDA Tetsuya; YOSHIMOTO Haruki
(74) WRAYS PTY LTD

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(21) 2022449624 (22) 28.06.2022
(54) SPECIAL HIGH-WATER-RESISTANCE BIO-BASED FORMALDEHYDE-FREE SETTING AGENT FOR MINERAL WOOL
(51) Int. Cl.
C09J 133/02 (2006.01)
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(54) METHOD OF DETERMINING SKIN AGING
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C12Q 1/6876 (2018.01)
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(72) KAUR, Simarna; BRUN, Cecilia; ODDOS, Thierry
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(71) KAFFE BUENO APS.
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(54) COFFEE MELANOIDIN NANOPARTICLES AND NANOFIBERS
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A23F 5/24 (2006.01)
A23F 5/26 (2006.01)
A23L 33/105 (2016.01)
A61K 8/9789 (2017.01)
A61K 36/74 (2006.01)
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(72) ASCENSAO AROSO, Ivo Manuel; DE SA BESSA, Ricardo; GONCALVES DOS REIS, Rui Luis; AKCAY, Adnan; MEDINA, Juan
(74) FPA Patent Attorneys Pty Ltd

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(54) SHP2 INHIBITOR AND USE THEREOF
(51) Int. Cl.
C07D 491/107 (2006.01)
A61K 31/517 (2006.01)
A61K 31/5377 (2006.01)
A61P 9/00 (2006.01)
A61P 27/02 (2006.01)
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(54) FLUORINE FREE SURFACTANTS AND FOAM COMPOSITIONS
(51) Int. Cl.
C09D 5/18 (2006.01)
C09K 21/02 (2006.01)
C09K 21/04 (2006.01)
C09D 5/20 (2006.01)
(87) WO2023/009675
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(72) KASOWSKI, Robert, Valentine; SEMINARA, Hahnah, Kasowski
(74) Southern Cross Intellectual Property

(71) KELLOGG COMPANY
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(54) POUCH HAVING SEPARATE COMPARTMENTS
(51) Int. Cl.
B65D 30/22 (2006.01)
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(54) STANDBY POWER CUT-OFF DEVICE
(51) Int. Cl.
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H01H 13/14 (2006.01)
H02J 7/14 (2006.01)
H02J 7/34 (2006.01)
H02J 9/06 (2006.01)
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(51) Int. Cl.
C11D 1/66 (2006.01)
A01G 7/06 (2006.01)
A01N 43/90 (2006.01)
(87) WO2022/271148
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(72) SHANNON, Thomas G.; SHI, Bo; WEI, Ning
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(54) ANTI-FUNGAL COMPOSITION DERIVED FROM HESPERALOE
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A61K 31/715 (2006.01)
A01N 43/90 (2006.01)
A61P 31/10 (2006.01)
C07J 71/00 (2006.01)
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(54) DNVSIG3 AND DNVSIG8 RECEPTORS AND METHODS OF USING THE SAME
(51) Int. Cl.
C07K 14/705 (2006.01)
A61K 35/17 (2015.01)
C12N 5/0783 (2010.01)
C12N 15/86 (2006.01)
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G01N 33/50 (2006.01)
A61K 35/17 (2015.01)
A61K 39/00 (2006.01)
G01N 33/574 (2006.01)
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(72) SONG, Qinghua
(74) FPA Patent Attorneys Pty Ltd

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A61P 19/02 (2006.01)
A61K 38/39 (2006.01)
C07K 7/08 (2006.01)
C07K 14/47 (2006.01)
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(74) IP Guardian Pty Ltd

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B01F 23/50 (2022.01)
B01F 25/21 (2022.01)
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(72) HILTUNEN, Pekka
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A61K 9/00 (2006.01)
A23L 2/60 (2006.01)
A23L 2/66 (2006.01)
A23L 29/10 (2016.01)
A23L 29/30 (2016.01)
A23L 33/12 (2016.01)
A23L 33/125 (2016.01)
A23L 33/19 (2016.01)
A61K 31/19 (2006.01)
A61K 31/733 (2006.01)
A61K 38/38 (2006.01)
A61K 47/26 (2006.01)
A61K 47/36 (2006.01)
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(74) MINTER ELLISON

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(54) A WOOD PRESERVATIVE COMPOSITION COMPRISING 4,5-DI-CHLORO-2-OCTYLISOTHIAZOL-3(2H)-ONE, A METHOD TREATING A WOOD SUBSTRATE THEREWITH, AND A WOOD PRODUCT PRODUCED THEREFROM
(51) Int. Cl.
A01N 43/80 (2006.01)
B27K 3/50 (2006.01)
(87) WO2023/015305
(31) 63/229,817 (32) 05.08.21 (33) US
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(72) KUANG, Min; ZHANG, Jun
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(54) A WOOD PRESERVATIVE COMPOSITION COMPRISING 4,5-DI-CHLORO-2-OCTYLISOTHIAZOL-3(2H)-ONE, A METHOD TREATING A WOOD SUBSTRATE THEREWITH, AND A WOOD PRODUCT PRODUCED THEREFROM
(51) Int. Cl.
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(71) KORTEK CORPORATION
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(72) PARK, Sung Jun								
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(51) Int. Cl.			(51) Int. Cl.			(51) Int. Cl.		
A01B 63/11 (2006.01)			F17C 13/04 (2006.01)			C12Q 1/6888 (2018.01)		
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(72) KOTTENSTEDDE, Gregor			(74) Maxwells Patent & Trade Mark Attorneys Pty Ltd			(31) 202210602891.2	(32) 30.05.22	(33) CN
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(54) LID BODY, COMBINATION OF CONTAINER AND LID BODY, AND CONTAINER WITH LID BODY			(51) Int. Cl.					
(51) Int. Cl.			G16B 20/10 (2019.01)					
B65D 47/36 (2006.01)			G16B 40/20 (2019.01)					
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(72) HAYASHI Hiroyoshi								
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			(71) LAC2BIOME S.R.L.					
(71) KYMAB LIMITED			(11) AU-A-2022307260					
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(54) TREATMENT OF PD-L1 NEGATIVE OR LOW EXPRESSING CANCER WITH ANTI-ICOS ANTIBODIES			(51) Int. Cl.					
(51) Int. Cl.			A61K 8/73 (2006.01)					
C07K 16/28 (2006.01)			A61K 8/99 (2017.01)					
A61P 35/00 (2006.01)			A61K 35/747 (2015.01)					
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(72) NEWTON, Anthea; PALU, Cintia Cristina; QUARATINO, Sonia; SAINSON, Richard Charles Alfred; DEAN-			(87) WO2023/281415					
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			(72) BIFFI, Andrea					
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			(71) LAING O'ROURKE PLC					
(71) KYMAB LIMITED			(11) AU-A-2022346903					
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(54) TREATMENT OF PD-L1 NEGATIVE OR LOW EXPRESSING CANCER WITH ANTI-ICOS ANTIBODIES			(51) Int. Cl.					
(51) Int. Cl.			E01D 19/02 (2006.01)					
C07K 16/28 (2006.01)			(87) WO2023/041750					
A61P 35/00 (2006.01)			(31) 2113362.4	(32) 20.09.21	(33) GB			
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A61G 13/02 (2006.01)
A61G 7/00 (2006.01)
A61G 7/002 (2006.01)
A61G 7/005 (2006.01)
A61G 7/008 (2006.01)
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A61G 13/04 (2006.01)
A61G 13/06 (2006.01)
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(74) Davies Collison Cave Pty Ltd

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H01M 10/42 (2006.01)
A62C 3/16 (2006.01)
A62C 35/02 (2006.01)
A62C 37/38 (2006.01)
A62C 99/00 (2010.01)
H01M 50/251 (2021.01)
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A61N 1/36 (2006.01)
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A61K 51/08 (2006.01)
A61K 9/00 (2006.01)
A61K 9/19 (2006.01)
A61K 47/12 (2006.01)
A61K 47/22 (2006.01)
A61K 47/26 (2006.01)
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H01M 10/44 (2006.01)
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H02J 7/00 (2006.01)
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(74) PHILLIPS ORMONDE FITZPATRICK

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C12N 5/0735 (2010.01)
C12N 5/079 (2010.01)
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AND PLUMBING FITTINGS &
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F16L 5/02 (2006.01)
E03C 1/00 (2006.01)
E04B 1/62 (2006.01)
E04B 1/68 (2006.01)
E04B 1/70 (2006.01)
F16L 5/00 (2006.01)
F16L 5/10 (2006.01)

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(74) Cooper IP Pty Ltd

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METHODS FOR USE THEREOF
(51) Int. Cl.
C07K 7/08 (2006.01)
A61K 47/64 (2017.01)
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(72) CHRISTENSEN, Dale J.
(74) RNB IP PTY LTD

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(54) M6PR CELL SURFACE RECEPTOR
BINDING COMPOUNDS AND CON-
JUGATES
(51) Int. Cl.
A61K 47/54 (2017.01)
A61P 35/00 (2006.01)
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LEWIS, Jason, G.; TURTLE, Eric, D.
(74) FPA Patent Attorneys Pty Ltd

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A61K 47/54 (2017.01)
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(71) MARKOV, V.
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(54) PRESSURE-DIFFERENTIAL ENGINE
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F03B 17/04 (2006.01)
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(74) Alex Rowley

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(54) SYSTEM, METHOD, AND APPARATUS FOR PREDICTING GENETIC ANCESTRY

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G16B 20/40 (2019.01)
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(72) GARRIGAN, Daniel; HUFF, Jason;
CHODROFF FORAN, Rebecca
(74) Griffith Hack

(71) MASTERCRAFT BOAT COMPANY, LLC
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(54) SYSTEM AND METHOD FOR IDENTIFYING WHEN A WATER-SPORTS PARTICIPANT HAS FALLEN

(51) Int. Cl.
B63B 34/70 (2020.01)
B63B 34/60 (2020.01)
B63C 9/00 (2006.01)
G06V 20/52 (2022.01)
G06V 40/20 (2022.01)
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VAIDYA, Abhijeet
(74) Griffith Hack

(71) MAYBORN (UK) LIMITED
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(54) BREAST PUMP ASSEMBLY AND METHOD OF ALIGNING A BREAST PUMP ASSEMBLY
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A61M 1/06 (2006.01)
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(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) MDS, LLC
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(51) Int. Cl.
A61B 17/06 (2006.01)
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A61B 90/92 (2016.01)
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(72) MEI-DAN, Omer; SEGIL, Jacob
(74) FPA Patent Attorneys Pty Ltd

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(51) Int. Cl.
A61B 17/70 (2006.01)
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(72) ROBERTS, Ellen; BIESTER, Eric;
MICKIEWICZ, Christopher
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(51) Int. Cl.
C08J 5/18 (2006.01)
B32B 3/26 (2006.01)
(87) WO2022/263617
(31) 2108809.1 (32) 18.06.21 (33) GB
(43) 22.12.2022
(72) KARANDINOS, Anthony; TSOUKLERI, Georgia
(74) Spruson & Ferguson

(71) MEIJI SEIKA PHARMA CO., LTD.
(11) AU-A-2022300611
(21) 2022300611 (22) 30.06.2022
(54) METHOD FOR PRODUCING BENZOXAZOLE DERIVATIVE HAVING BICYCLIC PIPERAZINE RING OR SALT THEREOF, AND METHOD FOR PRODUCING MATERIAL THEREOF
(51) Int. Cl.
C07D 487/08 (2006.01)
C07D 263/58 (2006.01)
C07D 417/04 (2006.01)
(87) WO2023/277120
(31) 2021-108230 (32) 30.06.21 (33) JP
(43) 05.01.2023
(72) TSUMURA Takeshi; ISSHIKI Satoshi;
OKUE Masayuki; SASAKI Toshiro;
FUSHIHARA Kenichi; MOURI Shinsuke
(74) Davies Collison Cave Pty Ltd

(71) MEMORIAL SLOAN-KETTERING CANCER CENTER; MEMORIAL HOSPITAL FOR CANCER AND ALLIED DISEASES; SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH
(11) AU-A-2022300887
(21) 2022300887 (22) 29.06.2022

(54) DETECTION OF SOMATIC MUTATIONAL SIGNATURES FROM WHOLE GENOME SEQUENCING OF CELL-FREE DNA
(51) Int. Cl.
G16B 20/00 (2019.01)
C12Q 1/68 (2018.01)
C12Q 1/6827 (2018.01)
C12Q 1/6886 (2018.01)
G16B 30/00 (2019.01)
(87) WO2023/278524
(31) 63/216,727 (32) 30.06.21 (33) US
(43) 05.01.2023
(72) WAN, Jonathan Chee Ming; DIAZ, JR., Luis A.
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) MENDAERA, INC.
(11) AU-A-2022307541
(21) 2022307541 (22) 08.07.2022
(54) REAL TIME IMAGE GUIDED PORTABLE ROBOTIC INTERVENTION SYSTEM
(51) Int. Cl.
A61B 34/37 (2016.01)
A61N 1/05 (2006.01)
A61N 1/36 (2006.01)
A61N 1/372 (2006.01)
A61B 1/00 (2006.01)
A61B 8/00 (2006.01)
A61B 8/12 (2006.01)
A61B 17/00 (2006.01)
A61B 17/16 (2006.01)
A61B 17/17 (2006.01)
A61B 34/00 (2016.01)
A61B 34/30 (2016.01)
(87) WO2023/283457
(31) 63/219,662 (32) 08.07.21 (33) US
(43) 12.01.2023
(72) WILSON, Jason, Tomas; CHU, Kevin, Christopher; GREER, Benjamin, Joseph; HASSAN, Alexander, Tarek; DEFONZO, Joshua, Francis; HILL, Aren, Calder; CHIN, Erica, Ding; CALLAN, Trent, Michael
(74) PHILLIPS ORMONDE FITZPATRICK

(71) MERCK PATENT GMBH
(11) AU-A-2022330359
(21) 2022330359 (22) 19.08.2022
(54) METHOD OF MANUFACTURE FOR EDIBLE, POROUS CROSS-LINKED HOLLOW FIBERS AND MEMBRANES BY PH INDUCED PHASE SEPARATION AND USES THEREOF
(51) Int. Cl.
C12M 1/12 (2006.01)
B01D 63/02 (2006.01)
(87) WO2023/021213
(31) 63/234,796 (32) 19.08.21 (33) US
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(72) DICKER, Kevin T.; SYLVIA, Ryan; SCHNITZLER, Aletta; PATEL, Jaivin; CERA, Luca
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(71) MERIDIAN THERAPEUTICS, INC.
(11) AU-A-2022301978
(21) 2022301978 (22) 27.06.2022
(54) COMPOSITIONS AND METHODS OF TREATING PLASMA CELL DISORDERS INCLUDING MULTIPLE MYELOMA WITH A VACCINE COMPOSITION AND MYELOMA-SPECIFIC CAR-T CELLS
(51) Int. Cl.
A61P 35/00 (2006.01)
A61K 35/17 (2015.01)
C07K 16/28 (2006.01)
(87) WO2023/278310
(31) 63/215,708 (32) 28.06.21 (33) US
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(72) BORRELLO, Ivan, M.; AHLSTROM, Jennifer, Myers
(74) Davies Collison Cave Pty Ltd

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(21) 2022304572 (22) 27.06.2022
(54) A VACCINE COMPOSITION FOR PLASMA CELL DISORDERS INCLUDING MULTIPLE MYELOMA AND METHODS TO INDUCE IMMUNITY USING SAME
(51) Int. Cl.
A61P 35/00 (2006.01)
A61K 35/17 (2015.01)
A61K 39/395 (2006.01)
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(31) 63/215,704 (32) 28.06.21 (33) US
(43) 05.01.2023
(72) NOONAN, Kimberly, A.; BORRELLO, Ivan, M.; AHLSTROM, Jennifer, Myers
(74) Davies Collison Cave Pty Ltd

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(21) 2022344667 (22) 23.08.2022
(54) FIBROBLAST-CONTAINING PHARMACEUTICAL COMPOSITION FOR TREATING KIDNEY DISEASE
(51) Int. Cl.
A61K 35/33 (2015.01)
A61P 13/12 (2006.01)
(87) WO2023/037868
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(11) AU-A-2022307422
(21) 2022307422 (22) 04.07.2022
(54) MANTLE FOR A GYRATORY OR CONE CRUSHER
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B02C 2/00 (2006.01)
B02C 2/02 (2006.01)
B02C 2/04 (2006.01)
(87) WO2023/280761
(31) 21184234.9 (32) 07.07.21 (33) EP

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(72) MALKAMÄKI, Mikko
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(21) 2021450919 (22) 16.06.2021
(54) PROCESS AND PLANT FOR RECYCLING ZINC OXIDE RESIDUES
(51) Int. Cl.
C22B 1/00 (2006.01)
C22B 1/04 (2006.01)
C22B 1/10 (2006.01)
C22B 1/14 (2006.01)
C22B 7/00 (2006.01)
C22B 7/02 (2006.01)
C22B 7/04 (2006.01)
C22B 19/02 (2006.01)
C22B 19/30 (2006.01)
C22B 19/34 (2006.01)
F27B 15/00 (2006.01)
(87) WO2022/262971
(43) 22.12.2022
(72) GÜNTHER, Jochen; WROBEL, Maciej; HAMMERSCHMIDT, Jörg; SCHMIDT, Eberhard; HIRSCH, Sebastian
(74) Griffith Hack

(71) MIACH ORTHOPAEDICS, INC.; WOHLERT, S.
(11) AU-A-2022305064
(21) 2022305064 (22) 30.06.2022
(54) IMPLANT DEVICES AND FABRICATION METHODS FOR IMPLANT DEVICES
(51) Int. Cl.
A61F 2/08 (2006.01)
(87) WO2023/278647
(31) 63/217,197 (32) 30.06.21 (33) US
(43) 05.01.2023
(72) WOHLERT, Stephen
(74) Spruson & Ferguson

(71) MICRO ELECTROCHEMICAL TECHNOLOGIES S.L.
(11) AU-A-2022302369
(21) 2022302369 (22) 01.07.2022
(54) REDOX MICROFLUIDIC ENERGY STORAGE SYSTEM AND METHOD
(51) Int. Cl.
H01M 8/18 (2006.01)
(87) WO2023/275349
(31) 21382584.7 (32) 01.07.21 (33) EP
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(72) QUINTERO GAMEZ, Alberto Emanuel; BERNALDO DE QUIRÓS SANZ, Alberto; ORAÁ POBLETE, Beatriz; DE LAS HERAS FERNANDEZ, Miguel
(74) FB Rice Pty Ltd

(71) MITSUBISHI ELECTRIC CORPORATION
(11) AU-A-2021464018
(21) 2021464018 (22) 10.09.2021
(54) EQUIPMENT CONTROL DEVICE, EQUIPMENT CONTROL METHOD,

AND EQUIPMENT CONTROL PROGRAM
(51) Int. Cl.
G06Q 10/04 (2023.01)
G06Q 50/16 (2012.01)
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(72) OHTA, Yoshihiro; HASHIMOTO, Masanori; KAWASAKI, Jin; OTANI, Shinichiro; MURAKAMI, Risa; KANEKO, Yosuke; SATO, Hiroyuki; FUKUHARA, Kohei; KUMAGAYA, Ryo
(74) Griffith Hack

(71) MITSUBISHI HEAVY INDUSTRIES, LTD.
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(21) 2022346364 (22) 13.09.2022
(54) HYDROGEN SUPPLY SYSTEM, HYDROGEN-CONSUMING PLANT PROVIDED WITH HYDROGEN SUPPLY SYSTEM, AND METHOD FOR SUPPLYING HYDROGEN TO HYDROGEN-CONSUMING DEVICE
(51) Int. Cl.
F17C 5/06 (2006.01)
C01B 3/00 (2006.01)
C01B 3/38 (2006.01)
F02M 21/02 (2006.01)
(87) WO2023/042810
(31) 2021-151135 (32) 16.09.21 (33) JP
(43) 23.03.2023
(72) FURUICHI, Hiroyuki; YAMAMOTO, Satoshi; KOMADA, So; KATSUME, Tadahashi; YOSHIDA, Kaori
(74) Davies Collison Cave Pty Ltd

(71) MIXHALO CORP.
(11) AU-A-2022311959
(21) 2022311959 (22) 15.07.2022
(54) DYNAMIC LATENCY ESTIMATION FOR AUDIO STREAMS
(51) Int. Cl.
H04L 65/75 (2022.01)
H04R 27/00 (2006.01)
(87) WO2023/288291
(31) 63/222,950 (32) 16.07.21 (33) US
(43) 19.01.2023
(72) SINGH, Vikram; LUCKHARDT IV, Charles Edward
(74) RnB IP Pty Ltd

(71) MORPHOSYS AG
(11) AU-A-2022315512
(21) 2022315512 (22) 19.07.2022
(54) TREATMENT OF ANTI-PLA2R AUTOANTIBODY-MEDIATED MEMBRANOUS NEPHROPATHY
(51) Int. Cl.
A61P 13/12 (2006.01)
A61P 37/06 (2006.01)
C07K 16/28 (2006.01)
(87) WO2023/001804
(31) 21186299.0 (32) 19.07.21 (33) EP
21203870.7 21.10.21 EP
(43) 26.01.2023
(72) HÄRTLE, Stefan; BAUMGARTNER, Roland
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(11) AU-A-2022312222
(21) 2022312222 (22) 13.07.2022
(54) BRAIN PERMEABLE MULTIFUNCTIONAL SYSTEM AND USES THEREOF
(51) Int. Cl.
A61K 47/69 (2017.01)
A61K 9/51 (2006.01)
A61K 31/00 (2006.01)
A61K 47/00 (2006.01)
A61K 47/54 (2017.01)
A61P 25/00 (2006.01)
C08G 65/00 (2006.01)
(87) WO2023/286060
(31) 63/221,498 (32) 14.07.21 (33) US
(43) 19.01.2023
(72) POPOVTZER, Rachela; BETZER, Oshra; SAGIV, Yuval; MANDIL-LEVIN, Revital; ANTEBI, Adam A.
(74) Davies Collison Cave Pty Ltd
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- (71) NANTSTUDIOS, LLC; NANT HOLDINGS IP, LLC
(11) AU-A-2022323963
(21) 2022323963 (22) 27.07.2022
(54) DISTRIBUTED COMMAND EXECUTION IN MULTI-LOCATION STUDIO ENVIRONMENTS
(51) Int. Cl.
G06Q 10/06 (2023.01)
(87) WO2023/014552
(31) 63/229,674 (32) 05.08.21 (33) US
(43) 09.02.2023
(72) SOON-SHIONG, Patrick; MARSHALL, Gary; HEINRICHS, Keaton; WIACEK, John; WITCHEY, Nicholas James
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) NATERA, INC.
(11) AU-A-2022323972
(21) 2022323972 (22) 29.07.2022
(54) METHODS FOR DETECTING NEOPLASM IN PREGNANT WOMEN
(51) Int. Cl.
C12Q 1/6858 (2018.01)
C12Q 1/6883 (2018.01)
C12Q 1/6886 (2018.01)
(87) WO2023/014597
(31) 63/228,565 (32) 02.08.21 (33) US
(43) 09.02.2023
(72) GOLDRING, Georgina; DINONNO, Wendy; XU, Wenbo; LEONARD, Samantha; MELTZER, Jeffrey
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- (71) NATIONAL INSTITUTE OF TECHNOLOGY; SUMITOMO CHEMICAL COMPANY, LIMITED
(11) AU-A-2022300502
(21) 2022300502 (22) 16.06.2022
(54) HYDROGEN PRODUCING DEVICE AND HYDROGEN PRODUCING METHOD
(51) Int. Cl.
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- C01B 3/30 (2006.01)
B01J 29/48 (2006.01)
C01B 32/18 (2017.01)
(87) WO2023/276677
(31) 2021-108088 (32) 29.06.21 (33) JP
(43) 05.01.2023
(72) MIYAKOSHI, Akihiko; KODERA, Fumihiko; KOSAKA, Masaki; UOE, Kousuke
(74) Griffith Hack
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- (71) NBTECH AB
(11) AU-A-2022301725
(21) 2022301725 (22) 01.07.2022
(54) BIOMASS PRODUCTION
(51) Int. Cl.
B09B 3/60 (2022.01)
C08J 11/10 (2006.01)
(87) WO2023/275397
(31) 21183517.8 (32) 02.07.21 (33) EP
21183520.2 02.07.21 EP
21210560.5 25.11.21 EP
(43) 05.01.2023
(72) BEREZINA, Nathalie; CHAPOVALOV, Maxim
(74) FB Rice Pty Ltd
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- (71) NELSON IRRIGATION CORPORATION
(11) AU-A-2022316158
(21) 2022316158 (22) 22.07.2022
(54) FLOW CONTROL DEVICE WITH EXTENDED SHUTTLE TO ENHANCE FUNCTION OF DRAIN CHECK VALVE
(51) Int. Cl.
F16K 15/02 (2006.01)
(87) WO2023/004094
(31) 63/224,507 (32) 22.07.21 (33) US
(43) 26.01.2023
(72) GREENWOOD, Riley, D.
(74) Baxter Patent Attorneys Pty Ltd
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- (71) NEURACLE SCIENCE CO., LTD.
(11) AU-A-2022308704
(21) 2022308704 (22) 08.07.2022
(54) INHIBITORS AND USES THEREOF
(51) Int. Cl.
C07C 43/23 (2006.01)
A61K 31/05 (2006.01)
A61K 31/085 (2006.01)
A61K 31/09 (2006.01)
A61K 31/136 (2006.01)
A61K 31/137 (2006.01)
C07C 215/68 (2006.01)
C07C 217/66 (2006.01)
C07C 217/84 (2006.01)
C07K 7/06 (2006.01)
(87) WO2023/281476
(31) 63/219,683 (32) 08.07.21 (33) US
(43) 12.01.2023
(72) SEONG, Jae Young; BYUN, Young-joo; KWAK, Hoyun; OH, Sitaek; LEE, Min-Hyeok; JEONG, Yongwoo; HA, Nui; CHO, Eun-Ho; LEE, Suhyun; LEE, Sang-Myeong; LEE, Yerim; CHO, Eun Bee; LEE, Jae Keun; KIM, Han-Byul; KWON, Soon-gu
(74) Spruson & Ferguson
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- (71) NEURINNOV; CNRS - CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE; INRIA - INSTITUT NATIONAL DE RECHERCHE EN INFORMATIQUE ET EN AUTOMATIQUE; UNIVERSITÉ DE MONTPELLIER
(11) AU-A-2022323766
(21) 2022323766 (22) 29.07.2022
(54) INTRINSICALLY BALANCED NEURAL STIMULATION DEVICE
(51) Int. Cl.
A61N 1/36 (2006.01)
(87) WO2023/012422
(31) 2108450 (32) 03.08.21 (33) FR
(43) 09.02.2023
(72) GUIRAUD, David; ANDREU, David; DEMARCQ, Milan; CATHEBRAS, Guy; AJRAM, Sami
(74) FPA Patent Attorneys Pty Ltd
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- (71) NEWTEQ HOLDING B.V.
(11) AU-A-2022312752
(21) 2022312752 (22) 13.07.2022
(54) AUTOMATED WAREHOUSE SYSTEMS, ASSEMBLIES, APPARATUS, USES, AND METHODS FOR ASSEMBLING MIXED PALLETS AND FACILITATING ORDER PICKING
(51) Int. Cl.
B65G 59/04 (2006.01)
(87) WO2023/285975
(31) 63/221,770 (32) 14.07.21 (33) US
17/863,104 12.07.22 US
(43) 19.01.2023
(72) EIL, Hans
(74) GLMR
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- (71) NEW YORK UNIVERSITY; COMMON SCENTS INC.
(11) AU-A-2022308717
(21) 2022308717 (22) 08.07.2022
(54) SYSTEMS AND METHODS FOR BRAIN-MACHINE-INTERFACE-AIDED FEDERATED TRAINING OF SCENT DETECTION ANIMALS
(51) Int. Cl.
A61B 5/381 (2021.01)
G06N 20/00 (2019.01)
(87) WO2023/283459
(31) 63/220,361 (32) 09.07.21 (33) US
(43) 12.01.2023
(72) RINBERG, Dmitry; LAVELLA, Gabriel; LEDOCHOWITSCH, Peter; HARVEY, Joshua
(74) Davies Collison Cave Pty Ltd
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- (71) NIAN TIC, INC.
(11) AU-A-2022296936
(21) 2022296936 (22) 21.06.2022
(54) ROUTING USING PARTIAL MESSAGE PARSING
(51) Int. Cl.
H04L 45/74 (2022.01)
H04L 45/50 (2022.01)
H04L 67/131 (2022.01)
H04L 69/22 (2022.01)
(87) WO2022/269477
(31) 63/213,088 (32) 21.06.21 (33) US
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(72) NA, Piaw; YACOBI, Renana
(74) FB Rice Pty Ltd
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- (71) NICOVENTURES TRADING LIMITED
(11) AU-A-2022314265
(21) 2022314265 (22) 21.07.2022
(54) AEROSOL GENERATING COMPOSITIONS
(51) Int. Cl.
A24B 15/16 (2020.01)
A24B 15/30 (2006.01)
A24D 1/18 (2006.01)
A24D 1/20 (2020.01)
(87) WO2023/002193
(31) 2110554.9 (32) 22.07.21 (33) GB
(43) 26.01.2023
(72) ABI AOUN, Walid; STROPHAIR, Oriol
(74) Spruson & Ferguson
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- (71) NICOVENTURES TRADING LIMITED
(11) AU-A-2022314266
(21) 2022314266 (22) 21.07.2022
(54) COMPOSITIONS COMPRISING A CONSTITUENT, DERIVATIVE OR EXTRACT OF CANNABIS
(51) Int. Cl.
A24B 13/00 (2006.01)
A24B 15/16 (2020.01)
A61K 9/00 (2006.01)
A61K 9/70 (2006.01)
(87) WO2023/002198
(31) 63/224,584 (32) 22.07.21 (33) US
(43) 26.01.2023
(72) ALDERMAN, Steven L; TALUSKIE, Karen; WILBERDING, Kathryn L; HAWKE, Jenni; DAVIES, Ashley; POOLE, Thomas H; DANIEL, Michael S; TANG, Kai; XU, Keyi; MCQUILLAN, Karina; CARAWAY, John
(74) Spruson & Ferguson
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- (71) NICOVENTURES TRADING LIMITED
(11) AU-A-2022314989
(21) 2022314989 (22) 22.07.2022
(54) COMPOSITIONS AND METHODS
(51) Int. Cl.
A24D 1/18 (2006.01)
A24B 15/16 (2020.01)
A24B 15/30 (2006.01)
A24D 1/20 (2020.01)
(87) WO2023/002021
(31) 2110556.4 (32) 22.07.21 (33) GB
(43) 26.01.2023
(72) VILJOEN, Ashley; STROPHAIR, Oriol
(74) Spruson & Ferguson
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- (71) NICOVENTURES TRADING LIMITED
(11) AU-A-2022315867
(21) 2022315867 (22) 21.07.2022
(54) COMPOSITIONS COMPRISING A CONSTITUENT, DERIVATIVE OR EXTRACT OF CANNABIS
(51) Int. Cl.
A24B 15/16 (2020.01)
A23L 2/395 (2006.01)
A23L 2/52 (2006.01)
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A61K 9/00 (2006.01)
A61K 9/70 (2006.01)
A61K 31/352 (2006.01)
(87) WO2023/002197
(31) 63/224,589 (32) 22.07.21 (33) US
(43) 26.01.2023
(72) ALDERMAN, Steven L; POOLE, Thomas; TALUSKIE, Karen; WILBERDING, Kathryn L; HAWKE, Jenni; DAVIES, Ashley; DANIEL, Michael S; TANG, Kai; XU, Keyi; MCQUILLAN, Karina; CARAWAY, John
(74) Spruson & Ferguson
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- (71) NICOVENTURES TRADING LIMITED
(11) AU-A-2022316477
(21) 2022316477 (22) 22.07.2022
(54) AEROSOL GENERATION
(51) Int. Cl.
A24B 15/16 (2020.01)
A24B 15/30 (2006.01)
A24D 1/20 (2020.01)
(87) WO2023/002022
(31) 2110560.6 (32) 22.07.21 (33) GB
(43) 26.01.2023
(72) VILJOEN, Ashley
(74) Spruson & Ferguson
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- (71) NICOVENTURES TRADING LIMITED
(11) AU-A-2022320819
(21) 2022320819 (22) 13.07.2022
(54) INTERACTIVE AEROSOL PROVISION SYSTEM
(51) Int. Cl.
A24F 40/53 (2020.01)
(87) WO2023/006418
(31) 2110911.1 (32) 29.07.21 (33) GB
(43) 02.02.2023
(72) MOLONEY, Patrick
(74) Spruson & Ferguson
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- (71) NICOVENTURES TRADING LIMITED
(11) AU-A-2022324699
(21) 2022324699 (22) 04.08.2022
(54) A CONSUMABLE FOR USE WITH AN AEROSOL PROVISION DEVICE
(51) Int. Cl.
A24F 40/30 (2020.01)
A24F 40/42 (2020.01)
A24F 40/20 (2020.01)
(87) WO2023/012300
(31) 2111258.6 (32) 04.08.21 (33) GB
(43) 09.02.2023
(72) RICHARDSON, John
(74) Spruson & Ferguson
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- (71) NITE IZE, INC.
(11) AU-A-2022290294
(21) 2022290294 (22) 03.06.2022
(54) SYSTEMS AND METHODS FOR AN IMPROVED AND COMPATIBLE MAGNETIC MOUNT
(51) Int. Cl.
B60R 11/02 (2006.01)
B60R 11/00 (2006.01)
F16B 1/00 (2006.01)
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- (87) WO2022/261609
(31) 17/345,512 (32) 11.06.21 (33) US
(43) 15.12.2022
(72) ORMSBEE, Bowden
(74) Spruson & Ferguson
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- (71) NOVOCODEX BIOPHARMACEUTICALS CO., LTD.
(11) AU-A-2021458069
(21) 2021458069 (22) 29.07.2021
(54) UNNATURAL AMINO ACID, AND USE THEREOF, RECOMBINANT PROTEIN CONTAINING SAME, AND RECOMBINANT PROTEIN CONJUGATE
(51) Int. Cl.
C07C 271/22 (2006.01)
A61K 38/27 (2006.01)
A61K 47/54 (2017.01)
A61K 47/60 (2017.01)
A61P 5/06 (2006.01)
C07C 235/20 (2006.01)
C07C 235/78 (2006.01)
C07C 237/12 (2006.01)
C07K 14/61 (2006.01)
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F02C 3/10 (2006.01)
F02C 6/00 (2006.01)
F02C 6/04 (2006.01)
F04B 35/00 (2006.01)
F04B 35/01 (2006.01)
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F25J 1/00 (2006.01)
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C07D 471/04 (2006.01)
A61K 31/498 (2006.01)
A61P 3/00 (2006.01)
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B01D 21/24 (2006.01)
B01D 21/26 (2006.01)
B04C 5/04 (2006.01)
B04C 5/14 (2006.01)
C10G 1/00 (2006.01)
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A61B 17/86 (2006.01)
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B65G 17/16 (2006.01)
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B60W 30/18 (2012.01)
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G06Q 10/06 (2023.01)
G06N 20/00 (2019.01)
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E04B 1/41 (2006.01)
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F16B 37/00 (2006.01)
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C08G 18/32 (2006.01)
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C09D 5/36 (2006.01)
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B01D 53/04 (2006.01)
B01D 53/047 (2006.01)
B01D 53/26 (2006.01)
C01B 3/56 (2006.01)
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A61N 1/05 (2006.01)
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F17C 1/12 (2006.01)

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C07D 249/06 (2006.01)
A61K 31/4192 (2006.01)
A61P 35/00 (2006.01)
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C12N 9/12 (2006.01)
C12P 19/34 (2006.01)
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C21B 13/00 (2006.01)
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C04B 7/02 (2006.01)
C04B 7/40 (2006.01)
C04B 7/60 (2006.01)
C04B 28/00 (2006.01)
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A61K 35/74 (2015.01)
A61K 39/00 (2006.01)
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PHASE- CHANGE MATERIAL
(51) Int. Cl.
A47G 19/02 (2006.01)
F25D 3/08 (2006.01)
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LTD.
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F16L 3/223 (2006.01)
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F25D 19/00 (2006.01)
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A61B 17/16 (2006.01)
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MACEUTICALS, INC.
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C12Q 1/6883 (2018.01)
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METHODS FOR SAME
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G01C 21/26 (2006.01)
A01B 69/04 (2006.01)
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Ernest; JOHNSON SCHMIDT, Anthony Douglas (74) FB Rice Pty Ltd	(43) 12.01.2023 (72) MURPHY, Andrew; KYRATSOUS, Christos; BAUM, Alina; PETRO, Christopher (74) FPA Patent Attorneys Pty Ltd	(31) 63/221,447 63/305,177 (43) 19.01.2023 (72) LIU, Anita; WANG, Shunhai (74) PHILLIPS ORMONDE FITZPATRICK	(32) 13.07.21 31.01.22 (33) US
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(74) Maxwells Patent & Trade Mark Attorneys Pty Ltd
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(54) SYSTEM AND METHOD FOR MULTI-USER SESSION FOR COORDINATED ELECTRONIC TRANSACTIONS
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(74) FB Rice Pty Ltd
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- (71) RUNWAY BLUE, LLC
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A45F 3/16 (2006.01)
B65D 47/28 (2006.01)
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(74) Griffith Hack
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A61N 1/05 (2006.01)
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(72) MARTEENS, Hubert Cecile Francois; SCHOBEN, Daniël Willem Elisabeth; VAN DER ZALM, Maartje; BOERE, Stijn
(74) Wynnes Patent and Trade Mark Attorneys Pty Ltd
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(11) AU-A-2022315173
(21) 2022315173 (22) 18.07.2022
(54) SYSTEMS, DEVICES, AND METHODS FOR PERFORMING ACTIVE AUSCULTATION AND DETECTING ACOUSTIC SIGNALS AND/OR SONIC ENERGY MEASUREMENTS
(51) Int. Cl.
A61B 7/04 (2006.01)
A61B 5/091 (2006.01)
G10K 11/18 (2006.01)
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(51) Int. Cl.

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A61P 37/06 (2006.01)
C07K 14/705 (2006.01)
C12N 5/071 (2010.01)
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GOLDMAN, Daniel
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CELL-BASED THERAPIES
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C12N 15/86 (2006.01)
A61K 35/17 (2015.01)
A61K 38/00 (2006.01)
A61K 48/00 (2006.01)
C12N 15/11 (2006.01)
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am; THAM, Eleonore; ELMAN, Jessica
S.; JOHNSON, Adam
(74) RnB IP Pty Ltd
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- (71)** SAVIOR BRAIN INC.; THE BOARD OF
TRUSTEES OF THE LELAND STAN-
FORD JUNIOR UNIVERSITY; CA-
MARILLO, D.B.; CECCHI, N.J.; ALLIS-
ON, J.
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FOR SHOCK ABSORPTION
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A42B 3/12 (2006.01)
F16F 9/06 (2006.01)
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CHI, Nicholas James; ALLISON, Jef-
frey; FAULKNER, Daniel James
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B.V.
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USING SWELLABLE ELASTOMERIC
PARTICLES
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C09K 8/24 (2006.01)
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TRADA BENAVIDES, Juan David
(74) Griffith Hack
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METHODS
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C09K 8/46 (2006.01)
C04B 22/06 (2006.01)
C04B 24/26 (2006.01)
C04B 24/38 (2006.01)
C04B 28/00 (2006.01)
C09K 8/487 (2006.01)
E21B 33/13 (2006.01)
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Yeukai; PARTON, Christopher;
TERCERO, Randy; MEADE, Mark;
LANDRY, Geoffrey; YAKOVLEV, An-
drey; MEDVEDEV, Anatoly; JAIN, Bipin
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OR IN COMBINATION WITH A GLP-1
PATHWAY ACTIVATOR FOR USE IN
TREATING METABOLIC DISORDERS
(51) Int. Cl.
A61K 38/26 (2006.01)
A61P 3/04 (2006.01)
A61P 3/06 (2006.01)
A61P 3/10 (2006.01)
A61P 21/06 (2006.01)
C07K 16/18 (2006.01)
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S.; WEBSTER, Micah T.; CHAPRON,
Christopher
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(54) METHODS AND SYSTEMS FOR PER-
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G16B 20/00 (2019.01)
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(54) METHODS AND SYSTEMS FOR
THERAPY MONITORING AND TRIAL
DESIGN
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C12Q 1/6883 (2018.01)
G16H 20/10 (2018.01)
G16H 50/20 (2018.01)
G16H 10/60 (2018.01)
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NUCLEIC ACID USING MULTIPLE DE-
TECTION TEMPERATURES
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C12Q 1/6818 (2018.01)
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Hyeon Be
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B32B 15/08 (2006.01)
A62C 2/00 (2006.01)
B32B 5/18 (2006.01)
B32B 15/085 (2006.01)
E04B 1/94 (2006.01)
F16L 59/02 (2006.01)
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C12N 5/10 (2006.01)
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Kuan-Ta
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CELLS
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C07K 14/705 (2006.01)
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PRODUCT OR PRICE INFORMATION
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G06Q 30/02 (2023.01)
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C07K 14/78 (2006.01)
C07K 16/00 (2006.01)
G01N 33/68 (2006.01)
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A61K 31/4439 (2006.01)
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A61K 31/517 (2006.01)
A61K 31/519 (2006.01)
A61K 31/5377 (2006.01)
A61P 1/00 (2006.01)
A61P 1/02 (2006.01)
A61P 1/16 (2006.01)
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A61P 37/08 (2006.01)
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C07D 401/14 (2006.01)
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B65D 63/10 (2006.01)
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C25B 1/04 (2021.01)
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C25B 11/02 (2021.01)
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D04B 1/10 (2006.01)
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C12N 7/00 (2006.01)
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A61C 7/36 (2006.01)
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A61K 31/70 (2006.01)
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A61K 31/198 (2006.01)
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A61P 39/06 (2006.01)
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(51) Int. Cl.
A01K 29/00 (2006.01)
A01K 1/01 (2006.01)
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F17C 13/08 (2006.01)
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H02S 20/22 (2014.01)
F24S 70/60 (2018.01)
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H02S 20/25 (2014.01)
H02S 40/22 (2014.01)
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C07K 16/28 (2006.01)
A61K 9/00 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
A61P 35/04 (2006.01)
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B01D 53/02 (2006.01)
A01G 33/00 (2006.01)
B01D 53/04 (2006.01)
C12M 1/00 (2006.01)
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G02C 11/00 (2006.01)
A61F 9/02 (2006.01)
G02C 7/16 (2006.01)
G02C 9/00 (2006.01)
G02C 11/08 (2006.01)
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B01D 53/56 (2006.01)
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C01B 21/28 (2006.01)
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C01C 1/04 (2006.01)
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B01J 20/34 (2006.01)
B01J 49/57 (2017.01)
B01J 49/85 (2017.01)
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B01J 20/30 (2006.01)

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C02F 9/00 (2023.01)
C02F 1/02 (2023.01)
C02F 1/06 (2023.01)
C02F 1/20 (2023.01)
C02F 1/44 (2023.01)
C02F 1/469 (2023.01)
C02F 1/52 (2023.01)
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GANISM BELONGING TO ORDER
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FOR PREVENTING OR TREATING IN-
FECTION IN DECAPODS
(51) Int. Cl.
A23K 10/16 (2016.01)
A01K 61/59 (2017.01)
A23K 50/80 (2016.01)
A61K 39/106 (2006.01)
A61P 31/04 (2006.01)
C12N 1/20 (2006.01)
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METHOD AND NITROUS OXIDE DE-
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B01D 53/86 (2006.01)
B01J 23/46 (2006.01)
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MENT DEVICE, AND PRODUCTION
METHOD FOR OPTICAL FIBER-EM-
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(51) Int. Cl.
G01B 11/16 (2006.01)
E04C 5/08 (2006.01)
E04G 21/12 (2006.01)
G02B 6/44 (2006.01)
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A23L 33/135 (2016.01)
A61P 25/22 (2006.01)
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C12M 3/08 (2006.01)
C12N 5/077 (2010.01)
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C12N 15/113 (2010.01)
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C07K 4/00 (2006.01)
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(51) Int. Cl.
C07K 16/18 (2006.01)
A61P 37/02 (2006.01)
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GLOU, Katerina
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G01S 13/88 (2006.01)
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B60F 5/02 (2006.01)
B64C 1/30 (2006.01)
B64C 27/22 (2006.01)
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A23F 5/24 (2006.01)
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Andrew
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AND USE THEREOF
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C12N 5/0775 (2010.01)
A61K 35/28 (2015.01)
A61P 9/10 (2006.01)
C12N 9/22 (2006.01)
C12N 15/113 (2010.01)
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C25B 1/042 (2021.01)
C25B 3/26 (2021.01)
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G01R 19/165 (2006.01)
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A01N 59/08 (2006.01)
A23L 3/358 (2006.01)
A61K 33/14 (2006.01)
A61K 33/20 (2006.01)
A61L 2/16 (2006.01)
A61L 2/18 (2006.01)
A61L 2/20 (2006.01)
A61P 31/00 (2006.01)
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B65D 83/62 (2006.01)
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A23L 3/358 (2006.01)
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A61K 9/06 (2006.01)
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A61K 47/02 (2006.01)
A61K 47/12 (2006.01)
A61L 2/00 (2006.01)
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A61K 33/14 (2006.01)
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B01D 53/22 (2006.01)
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C02F 1/26 (2023.01)
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G06F 40/295 (2020.01)
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A24D 1/20 (2020.01)
A24D 3/06 (2006.01)
B01J 13/02 (2006.01)
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H01M 50/204 (2021.01)
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C01C 1/04 (2006.01)
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H01Q 3/26 (2006.01)
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H04B 17/29 (2015.01)
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C12N 7/00 (2006.01)
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(54) DEVICES, SYSTEMS AND METHODS FOR DETECTING LEAKS AND MEASURING
(51) Int. Cl.
G01M 3/26 (2006.01)
G01M 3/28 (2006.01)

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- G01M 3/32** (2006.01)
G01P 15/00 (2006.01)
G06Q 50/10 (2012.01)
G08C 17/02 (2006.01)
(87) WO2022/261151
(31) 63/209,240 **(32)** 10.06.21 **(33)** US
63/212,568 18.06.21 US
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(43) 15.12.2022
(72) GREENBOIM, Abraham
(74) LAMINAR IP PTY LTD
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- (71)** WAVEGATE CORPORATION
(11) AU-A-2022317804
(21) 2022317804 **(22)** 27.07.2022
(54) FULL-DUPLEX IPG SYSTEM AND ELECTRO-OPTICAL PERCU-TANEOUS LEAD
(51) Int. Cl.
A61N 1/375 (2006.01)
A61N 1/08 (2006.01)
A61N 1/36 (2006.01)
G02B 5/10 (2006.01)
A61B 5/00 (2006.01)
A61N 1/05 (2006.01)
(87) WO2023/010055
(31) 63/203,649 **(32)** 27.07.21 **(33)** US
17/815,482 27.07.22 US
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(43) 02.02.2023
(72) WOLF, Erich, W., II; O'NEAL, Dennis, Patrick
(74) Davies Collison Cave Pty Ltd
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- (71)** WESTROCK PACKAGING SYSTEMS, LLC
(11) AU-A-2022306043
(21) 2022306043 **(22)** 11.07.2022
(54) METHODS AND MACHINE FOR FORMING CONTAINERS HAVING TOP FLANGE WITH GLUED CORNERS
(51) Int. Cl.
B31B 50/46 (2017.01)
B31B 50/62 (2017.01)
B65D 5/24 (2006.01)
(87) WO2023/283492
(31) 63/220,311 **(32)** 09.07.21 **(33)** US
63/248,039 24.09.21 US
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(43) 12.01.2023
(72) WHATLING, Tom, J.; SCHERER, Alyssa, J.; VALENCIA, John
(74) Spruson & Ferguson
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- (71)** WIGEN BIOMEDICINE TECHNOLOGY (SHANGHAI) CO., LTD.
(11) AU-A-2022294860
(21) 2022294860 **(22)** 15.06.2022
(54) IDH MUTANT INHIBITOR AND USE THEREOF
(51) Int. Cl.
A61K 31/522 (2006.01)
- A61K 31/5377** (2006.01)
A61P 35/00 (2006.01)
C07D 401/12 (2006.01)
C07D 401/14 (2006.01)
C07D 471/04 (2006.01)
C07D 473/32 (2006.01)
(87) WO2022/262784
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(72) XIE, Yuli; FAN, Houxing; QIAN, Lihui
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(11) AU-A-2022295936
(21) 2022295936 **(22)** 14.06.2022
(54) TRIAZOLE CONTAINING POLYMERS AND METHODS OF USE THEREOF
(51) Int. Cl.
C08B 37/00 (2006.01)
A61K 47/36 (2006.01)
A61K 31/4192 (2006.01)
C07D 249/04 (2006.01)
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(74) Davies Collison Cave Pty Ltd
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- (71)** WINNOWAVE SL
(11) AU-A-2022292889
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(54) WIND FARM SYSTEM COMPRISING IMPROVED WIND GUIDE CONFIGURATION
(51) Int. Cl.
F03D 1/04 (2006.01)
F03D 9/25 (2016.01)
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(31) PA202100637 **(32)** 15.06.21 **(33)** DK
(43) 22.12.2022
(72) GRABAU, Peter; ALCOCER RAMÓN-LACA, Manuel Agustín
(74) Walker IP
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- (71)** WIREPAS OY
(11) AU-A-2022294169
(21) 2022294169 **(22)** 14.06.2022
(54) CONFIGURATION SYSTEM FOR A WIRELESS COMMUNICATION NETWORK
(51) Int. Cl.
H04W 4/50 (2018.01)
H04W 4/70 (2018.01)
H04W 24/02 (2009.01)
H04W 40/24 (2009.01)
H04W 40/32 (2009.01)
H04W 84/18 (2009.01)
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(31) 20215710 **(32)** 16.06.21 **(33)** FI
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(72) KASEVA, Ville; JUVEN, Ville; HIRVI, Hannu
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71)** WOJDYŁŁO, P.
(11) AU-A-2022315116
(21) 2022315116 **(22)** 14.07.2022
(54) METHOD OF SOUND PROCESSING SIMULATING THE ACOUSTICS OF ANCIENT THEATRE
(51) Int. Cl.
G10K 15/08 (2006.01)
G01S 15/02 (2006.01)
(87) WO2023/003482
(31) P.438558 **(32)** 21.07.21 **(33)** PL
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(72) WOJDYŁŁO, Piotr
(74) Alder IP Pty Ltd
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(11) AU-A-2022290005
(21) 2022290005 **(22)** 10.06.2022
(54) FRAME FOLDING MECHANISM AND CRIB FRAME
(51) Int. Cl.
A47D 9/00 (2006.01)
(87) WO2022/258803
(31) 202110648821.6 **(32)** 10.06.21 **(33)** CN
(43) 15.12.2022
(72) HU, Junjie
(74) Allens Patent & Trade Mark Attorneys
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- (71)** WONDERLAND SWITZERLAND AG
(11) AU-A-2022309743
(21) 2022309743 **(22)** 12.07.2022
(54) ADJUSTABLE CAR SEAT CANOPY
(51) Int. Cl.
A47C 7/66 (2006.01)
A47C 7/00 (2006.01)
A47C 7/02 (2006.01)
A47C 29/00 (2006.01)
A47D 13/02 (2006.01)
B60N 2/26 (2006.01)
B60N 2/28 (2006.01)
B62B 9/12 (2006.01)
(87) WO2023/287754
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(43) 19.01.2023
(72) HARTENSTINE, Curtis M.; KEEBLER, Nathaniel, W.
(74) PIPERS
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(21) 2022324663 **(22)** 01.08.2022
(54) FRAME FOLDING AND FIXING DEVICE AND BABY CARRIER
(51) Int. Cl.
B62B 7/06 (2006.01)
B62B 7/08 (2006.01)
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(72) ZHENG, Leilei; FANG, Liwu
(74) Allens Patent & Trade Mark Attorneys
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- (71)** WUGEN, INC.
(11) AU-A-2022312462
(21) 2022312462 **(22)** 14.07.2022
(54) EXPANSION OF MEMORY NATURAL KILLER CELLS

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A61K 35/17 (2015.01)
C12N 5/02 (2006.01)
C12N 5/078 (2010.01)
C07K 14/54 (2006.01)
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(11) AU-A-2022454784
(21) 2022454784 (22) 14.09.2022
(54) METHOD AND DEVICE FOR DETECTING DEFLECTION BASIN BASED ON DEFORMATION SPEED UNDER ROLLING LOAD
(51) Int. Cl.
E01C 23/01 (2006.01)
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(72) LI, Qingquan; LIN, Hong; CAO, Min; WANG, Xinlin; ZHOU, Huihong; WEI, Shishi
(74) Davies Collison Cave Pty Ltd

(71) X DEVELOPMENT LLC
(11) AU-A-2022306374
(21) 2022306374 (22) 22.06.2022
(54) WILDFIRE IDENTIFICATION IN IMAGERY
(51) Int. Cl.
G06V 20/13 (2022.01)
G06V 10/50 (2022.01)
(87) WO2023/283046
(31) 17/368,256 (32) 06.07.21 (33) US
(43) 12.01.2023
(72) COWAN, Eliot Julien
(74) Spruson & Ferguson

(71) YAMAHA HATSUDOKI KABUSHIKI KAISHA
(11) AU-A-2022308487
(21) 2022308487 (22) 30.06.2022
(54) Learning-vehicle-traveling-data-processing device
(51) Int. Cl.
B60W 40/09 (2012.01)
B60W 40/10 (2012.01)
G06Q 40/08 (2012.01)
G06Q 50/10 (2012.01)
G07C 5/00 (2006.01)
G08G 1/00 (2006.01)
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(72) MORISHIMA Keisuke; LEE Jian Hong; NAGAYA Seigo
(74) FPA Patent Attorneys Pty Ltd

(71) YOHANA LLC
(11) AU-A-2022323521
(21) 2022323521 (22) 04.08.2022
(54) SYSTEMS AND METHODS FOR DETERMINING LIKELIHOOD OF TASK DELEGATION
(51) Int. Cl.
G06Q 10/06 (2023.01)
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(43) 09.02.2023
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(71) ZAZZLE INC.
(11) AU-A-2022318501
(21) 2022318501 (22) 06.05.2022
(54) COLLABORATIVE VIDEO CHAT SCREEN SHARING USING A DIGITAL PRODUCT COLLABORATION PLATFORM
(51) Int. Cl.
G06Q 30/06 (2023.01)
G06Q 10/10 (2023.01)
(87) WO2023/009194
(31) 17/389,114 (32) 29.07.21 (33) US
(43) 02.02.2023
(72) BEAVER III, Robert I.; BEAVER, Jeffrey J.; HARVILL, Leslie Young
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(71) ZERO POINT MOTION LTD
(11) AU-A-2022308906
(21) 2022308906 (22) 29.06.2022
(54) CHIP-SCALE INERTIAL SENSOR AND INERTIAL MEASUREMENT UNIT
(51) Int. Cl.
G01C 19/64 (2006.01)
G01C 19/56 (2012.01)
G01C 19/5684 (2012.01)
G01C 25/00 (2006.01)
(87) WO2023/281242
(31) 2109942.9 (32) 09.07.21 (33) GB
(43) 12.01.2023
(72) LI, Ying Lia
(74) PHILLIPS ORMONDE FITZPATRICK

(71) ZIPWALL, LLC.
(11) AU-A-2022305073
(21) 2022305073 (22) 30.06.2022
(54) SUPPORT SYSTEM
(51) Int. Cl.
E04G 21/24 (2006.01)
E04G 21/26 (2006.01)
E04G 21/30 (2006.01)
E04G 25/04 (2006.01)
E06B 3/80 (2006.01)
F16M 11/08 (2006.01)
(87) WO2023/278685
(31) 63/217,354 (32) 01.07.21 (33) US
(43) 05.01.2023
(72) WHITTEMORE, Jeffrey P.
(74) Griffith Hack

(71) ZTE CORPORATION
(11) AU-A-2022380964
(21) 2022380964 (22) 28.10.2022
(54) INFORMATION TRANSMISSION METHOD AND DEVICE, AND STORAGE MEDIUM
(51) Int. Cl.
H04L 5/00 (2006.01)
H04B 7/06 (2006.01)
H04W 24/02 (2009.01)
(87) WO2023/078177
(31) 202111301751.3 (32) 04.11.21 (33) CN
(43) 11.05.2023
(72) LI, Yong; WU, Hao; LU, Zhaohua; WANG, Yuxin
(74) Davies Collison Cave Pty Ltd

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2021447399	BIOLOGY INSTITUTE OF SHANDONG ACADEMY OF SCIENCES	2022291847	TEXAS MEDICAL CENTER
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2022301725	NBTECH AB	2022307059	PLUNGIE IP PTY LTD
2022301978	MERIDIAN THERAPEUTICS, INC.	2022307086	DYNE THERAPEUTICS, INC.
2022302074	H.J. HEINZ COMPANY BRANDS LLC	2022307150	DANMARKS TEKNISKE UNIVERSITET; RIGSHOSPITALET; BISPEBJERG HOSPITAL
2022302369	MICRO ELECTROCHEMICAL TECHNOLOGIES S.L.	2022307151	ACCIONA AGUA, S.A.
2022302933	LIFE MOLECULAR IMAGING LIMITED	2022307156	V. MANE FILS
2022303016	VIASAT, INC.	2022307166	PROMECO NV
2022303084	ACTIVE BIOTECH AB	2022307260	LAC2BIOME S.R.L.
2022303140	THE BROAD INSTITUTE, INC.; MASSACHUSETTS INSTITUTE OF TECHNOLOGY	2022307356	SCHLUMBERGER TECHNOLOGY B.V.
2022303145	CHEVRON U.S.A. INC.	2022307402	LEGEND BIOTECH IRELAND LIMITED
2022303155	BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM	2022307422	METSO FINLAND OY
2022303269	SUEZ INTERNATIONAL	2022307441	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
2022303319	UNIVERSITY OF MISSISSIPPI	2022307540	SCHLUMBERGER TECHNOLOGY B.V.
2022303400	PRECISION NEUROSCIENCE CORPORATION	2022307541	MENDAERA, INC.
2022303441	HANGZHOU HEALZEN THERAPEUTICS CO., LTD.; SHANGHAI INSTITUTE OF MATERIA MEDICA, CHINESE ACADEMY OF SCIENCES	2022307551	PURE FISHING, INC.
2022303524	SLEEP SOLUTIONS OF TEXAS, LLC	2022307659	REGENERON PHARMACEUTICALS, INC.
2022303528	GIGAGEN, INC.	2022307663	H.J. HEINZ COMPANY BRANDS LLC
2022303618	AXIOM HOLOGRAPHICS PTY LTD	2022307677	CEPHEID
2022304232	HEEREMA MARINE CONTRACTORS NEDERLAND SE	2022307689	CUNNINGHAM, S.J.
2022304344	VESTAS WIND SYSTEMS A/S	2022307747	EVAXION BIOTECH A/S
2022304458	CJ CHEILJEDANG CORPORATION	2022307748	BOEHRINGER INGELHEIM VETERINARY MEDICINE BELGIUM
		2022307880	PRELOAD CRYOGENICS, LLC
		2022307912	TECHNISCHE UNIVERSITÄT MÜNCHEN
		2022307934	DYNE THERAPEUTICS, INC.
		2022307951	HUB ORGANOIDS IP B.V.
		2022307967	TECHNOPHAGE, INVESTIGAÇÃO E DESENVOLVIMENTO EM BIOTECNOLOGIA, S.A.; FACULDADE DE

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	MEDICINA VETERINÁRIA DA UNIVERSIDADE DE LISBOA	2022311513	CLEVER BIOSCIENCE S.R.L.
2022308002	SK BIOSCIENCE CO., LTD.	2022311529	DIOGENX; INSTITUT NATIONAL DE LA SANTÉ ET DE LA RECHERCHE MÉDICALE (INSERM); CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS); UNIVERSITÉ CÔTE D'AZUR
2022308032	FRITO-LAY NORTH AMERICA, INC.		AGCO CORPORATION
2022308043	INNOX CORP.	2022311554	OCUSOFT, INC.
2022308051	SWITCH THERAPEUTICS INC.	2022311765	REGENERON PHARMACEUTICALS, INC.
2022308058	RICHARDSON, R.B.	2022311770	CATERPILLAR INC.
2022308365	ATI PROPERTIES LLC	2022311772	CATERPILLAR INC.
2022308419	RECKITT BENCKISER HEALTH LIMITED	2022311773	COTA, INC.
2022308421	HIFIBIO (HK) LIMITED	2022311798	CONOCOPHILLIPS COMPANY
2022308430	FISHER & PAYKEL HEALTHCARE LIMITED	2022311829	COMPACT MEMBRANE SYSTEMS INC.
2022308487	YAMAHA HATSUDOKI KABUSHIKI KAISHA	2022311871	RUNWAY BLUE, LLC
2022308581	FULCRUM GLOBAL TECHNOLOGIES, INC.	2022311875	REGENERON PHARMACEUTICALS, INC.
2022308643	INNOVASEA	2022311899	REGENERON PHARMACEUTICALS, INC.
2022308670	MARS, INCORPORATED	2022311906	CHEMTOR, LP
2022308704	NEURACLE SCIENCE CO., LTD.	2022311948	RELAY THERAPEUTICS, INC.
2022308717	NEW YORK UNIVERSITY; COMMON SCENTS INC.	2022311952	MIXHALO CORP.
2022308733	CIBUS US LLC; CIBUS EUROPE B.V.	2022311959	HUAWEI TECHNOLOGIES CO., LTD.
2022308837	ASTRAZENECA PHARMACEUTICALS LP	2022312013	SODAPOPOP GMBH
2022308906	ZERO POINT MOTION LTD	2022312158	NANOCARRY THERAPEUTICS LTD.
2022308954	SUMITOMO CHEMICAL COMPANY, LIMITED	2022312222	FUJIFILM CORPORATION
2022309001	FULCRUM GLOBAL TECHNOLOGIES INC.	2022312308	GRAPHIC PACKAGING INTERNATIONAL, LLC
2022309017	TERRAN BIOSCIENCES INC.	2022312454	WUGEN, INC.
2022309028	DYNE THERAPEUTICS, INC.	2022312462	DUKE UNIVERSITY
2022309109	ARUMUGAM, S.R.	2022312495	SANA BIOTECHNOLOGY, INC.
2022309123	THE FRANCIS CRICK INSTITUTE LIMITED	2022312508	NUOVO PIGNONE TECNOLOGIE - S.R.L.
2022309195	KANAPH THERAPEUTICS INC.	2022312601	BIONTECH SE; GENMAB A/S
2022309211	VERNO HOLDINGS, LLC	2022312698	NEWTEQ HOLDING B.V.
2022309235	ARTEZO, INC.	2022312752	UPL LIMITED
2022309236	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC.	2022312758	FUJIFILM CORPORATION
2022309238	DYNE THERAPEUTICS, INC.	2022312774	LEO CANCER CARE, INC.
2022309274	COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION	2022313161	IMMUNITYBIO, INC.
2022309310	THE UNIVERSITY OF WESTERN ONTARIO	2022313244	TOPSOE A/S
2022309313	PROGRESSIVE PLANET SOLUTIONS INC.	2022313447	CLIMEWORKS AG
2022309358	Itron Global SARL	2022313474	INTELLIGENT AGRICULTURAL SOLUTIONS LLC
2022309604	DEERE & COMPANY	2022313564	BABU, K.R.
2022309725	REGENERON PHARMACEUTICALS, INC.	2022313571	TRAILHEAD BIOSYSTEMS INC.
2022309726	REGENERON PHARMACEUTICALS, INC.	2022313776	ELECTROLUX HOME PRODUCTS, INC.
2022309743	WONDERLAND SWITZERLAND AG	2022313797	UTECH PRODUCTS, INC.
2022309872	REGENERON PHARMACEUTICALS, INC.	2022313873	COLGATE-PALMOLIVE COMPANY
2022309875	SANA BIOTECHNOLOGY, INC.	2022313890	COLGATE-PALMOLIVE COMPANY
2022309974	HEXR LTD	2022313966	SUZHOU ZANRONG PHARMA LIMITED
2022309991	ENVOLA GMBH	2022314009	GUANGZHOU HANFANG PHARMACEUTICAL CO., LTD.
2022310023	CATERPILLAR INC.	2022314013	HUAWEI TECHNOLOGIES CO., LTD.
2022310036	THE BOARD OF REGENTS OF THE UNIVERSITY OF OKLAHOMA	2022314029	ARLA FOODS AMBA
2022310161	AUXILIUS PHARMA SPOLKA Z OGRANICZONA ODPOWIEDZIALNOSCIA	2022314185	KOLFARMA S.R.L.
2022310207	VITA-MIX MANAGEMENT CORPORATION	2022314205	NICOVENTURES TRADING LIMITED
2022310346	LYCIA THERAPEUTICS, INC.	2022314265	NICOVENTURES TRADING LIMITED
2022310349	AVANTI BIOSCIENCES INC.	2022314266	ADAMA MAKHTESHIM LTD.
2022310356	LYCIA THERAPEUTICS, INC.	2022314312	NICOVENTURES TRADING LIMITED
2022310435	GENNOVA BIOPHARMACEUTICALS LTD.	2022314989	SAIPEM S.A.
2022310502	AMYDIS, INC.	2022315002	WOJDYŁŁO, P.
2022310512	CONOCOPHILLIPS COMPANY	2022315116	UNIVERSITY OF WASHINGTON
2022310544	SIGVARIS AG	2022315132	FERO INTERNATIONAL INC.
2022310682	CYTOKINETICS, INC.	2022315158	SAMAY, INC.
2022310691	AMICUS THERAPEUTICS, INC.	2022315173	COLGATE-PALMOLIVE COMPANY
2022310707	BASF SE	2022315196	BOOMERANGO INC.
2022310735	HYPO-STREAM LIMITED	2022315215	ACOM LABS, INC.
2022310829	DR. CURE CO., LTD.	2022315294	TIAN, F.
2022310847	GENENTECH, INC.	2022315399	MORPHOSYS AG
2022310915	OAHU B.V.; VENTURA SYSTEMS C.V.	2022315512	VAISALA OYJ
2022311018	PEP2TANGO THERAPEUTICS INC.	2022315597	NICOVENTURES TRADING LIMITED
2022311026	GEORGIA TECH RESEARCH CORPORATION; DUKE UNIVERSITY	2022315867	COLGATE-PALMOLIVE COMPANY
2022311028	GEORGIA TECH RESEARCH CORPORATION; CRANFIELD UNIVERSITY	2022316128	NELSON IRRIGATION CORPORATION
2022311032	CRANE PAYMENT INNOVATIONS, INC.	2022316158	INSPIRNA, INC.
2022311270	STAMICARBON B.V.	2022316200	ORGANOGENESIS INC.
		2022316212	HAGLEITNER, H.G.
		2022316231	ARLA FOODS AMBA
		2022316339	INTELLIGENT AGRICULTURAL SOLUTIONS LLC
		2022316346	

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2022316347	INTELLIGENT AGRICULTURAL SOLUTIONS LLC	2022323684	BAYER AKTIENGESELLSCHAFT
2022316467	DELTABLOC INTERNATIONAL GMBH	2022323766	NEURINNOV; CNRS - CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE; INRIA - INSTITUT NATIONAL DE RECHERCHE EN INFORMATIQUE ET EN AUTOMATIQUE; UNIVERSITÉ DE MONTPELLIER
2022316477	NICOVENTURES TRADING LIMITED		
2022316483	OSSIO LTD.	2022323938	ITRON GLOBAL SARL
2022316746	REEMOON TECHNOLOGY CO., LTD.	2022323963	NANTSTUDIOS, LLC; NANT HOLDINGS IP, LLC
2022316889	KITE PHARMA, INC.	2022323972	NATERA, INC.
2022316962	THE LOTUS GROUP, INC., DBA GLOBALMED TECHNOLOGIES CO.	2022323990	COLGATE-PALMOLIVE COMPANY
2022316980	TAKEDA PHARMACEUTICAL COMPANY LIMITED	2022324016	BOSTON SCIENTIFIC SCIMED, INC.
2022317030	CONCATEN, INC.	2022324117	KOPPERS PERFORMANCE CHEMICALS, INC.
2022317132	T.F.H. PUBLICATIONS, INC.	2022324561	FOUR PAWS PRODUCTS, LTD.
2022317144	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	2022324648	SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.
2022317169	FLEXOPTIX GMBH		
2022317189	TRUMA GERÄTETECHNIK GMBH & CO. KG	2022324663	WONDERLAND SWITZERLAND AG
2022317287	ACTELION PHARMACEUTICALS LTD	2022324689	SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.
2022317647	BIOMARIN PHARMACEUTICAL INC.		
2022317695	HEFEI HAIER REFRIGERATOR CO., LTD.; QINGDAO HAIER REFRIGERATOR CO., LTD.; HAIER SMART HOME CO., LTD.	2022324699	NICOVENTURES TRADING LIMITED
2022317782	BOARD OF SUPERVISORS OF LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE	2022324794	ARUGGA A.I FARMING LTD
2022317804	WAVEGATE CORPORATION	2022324850	CATALER CORPORATION
2022317827	KITE PHARMA, INC.	2022325130	BOSTON SCIENTIFIC SCIMED, INC.
2022318020	IBERHOSPITEX, S.A.	2022325850	GRAPHIC PACKAGING INTERNATIONAL, LLC
2022318106	FLEXOPTIX GMBH	2022325953	HCW BIOLOGICS, INC.
2022318153	PROKARIUM LIMITED	2022326143	BESSEY TOOL GMBH & CO. KG
2022318169	CANNAMEDICAL PHARMA GMBH	2022326348	KIM, B.
2022318251	SYNGENTA CROP PROTECTION AG	2022326557	THE JOHNS HOPKINS UNIVERSITY
2022318416	TAKEDA PHARMACEUTICAL COMPANY LIMITED	2022326787	DEUTSCHES KREBSFORSCHUNGSZENTRUM STIFTUNG DES ÖFFENTLICHEN RECHTS; UNIVERSITÄT HEIDELBERG; OXFORD NANOPORE TECHNOLOGIES PLC
2022318501	ZAZZLE INC.	2022327488	GEA WESTFALIA SEPARATOR GROUP GMBH
2022318569	ACERA SURGICAL, INC.	2022328125	PARADOX, INC.
2022318884	E-CIRCUIT MOTORS, INC.	2022328163	IQIP HOLDING B.V.
2022319018	SPYGLASS PHARMA, INC.; THE REGENTS OF THE UNIVERSITY OF COLORADO, A BODY CORPORATE	2022328178	CHILDREN'S HOSPITAL MEDICAL CENTER; UNIVERSITY OF CINCINNATI
2022319027	KASOWSKI, R.V.; SEMINARA, H.K.	2022328455	CLARITY PHARMACEUTICALS LTD
2022319037	STRYKER CORPORATION	2022328709	CELESTIAL LIFE SCIENCES, LLC
2022319177	BOS FABRICATION ENGINEERING SERVICES PTY LTD	2022328753	TALLAC THERAPEUTICS, INC.
2022319409	QINGDAO HAIER REFRIGERATOR CO., LTD.; HAIER SMART HOME CO., LTD.	2022329197	ALCON INC.
2022319678	INTERVET INTERNATIONAL B.V.	2022329605	HITACHI, LTD.
2022319758	SPYGLASS PHARMA, INC.; THE REGENTS OF THE UNIVERSITY OF COLORADO, A BODY CORPORATE	2022329870	E-CIRCUIT MOTORS, INC.
2022319764	LINEAGE CELL THERAPEUTICS, INC.	2022329901	CARNEGIE MELLON UNIVERSITY; VASUDEVAN, A.; SEKAR, V.; MCCORMACK, M.
2022319819	BOEHRINGER INGELHEIM INTERNATIONAL GMBH	2022330009	NURIX THERAPEUTICS, INC.; GILEAD SCIENCES, INC.
2022319820	DATADOBI BV	2022330359	MERCK PATENT GMBH
2022319859	APPLIED MEDICAL RESOURCES CORPORATION	2022330436	SUMITOMO ELECTRIC INDUSTRIES, LTD.
2022320025	CMA MACCHINE PER CAFFE S.R.L.	2022330944	THE AKKERMANSIA COMPANY
2022320051	ONA THERAPEUTICS S.L.	2022331065	SUMITOMO CHEMICAL COMPANY, LIMITED
2022320172	FUJIKURA LTD.	2022331198	ALCON INC.
2022320194	CARBONIX INC.	2022331449	FULCRUM GLOBAL TECHNOLOGIES INC.
2022320453	EQUINOR ENERGY AS	2022331729	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.; NORTH-EASTERN UNIVERSITY
2022320819	NICOVENTURES TRADING LIMITED	2022331956	SOCIETE DES PRODUITS NESTLE SA
2022320954	TURUN YLIOPISTO	2022332125	LEO CANCER CARE, INC.
2022321011	ASTELLAS PHARMA INC.	2022332278	ELI LILLY AND COMPANY
2022321019	ACERA SURGICAL, INC.	2022333324	SOCIETE DES PRODUITS NESTLE SA
2022321038	SOUTHERN GREEN GAS LIMITED	2022334998	SALVIA BIOELECTRONICS B.V.
2022321637	BECOFLEX	2022337113	COVER-POOLS INCORPORATED
2022321753	FMC AGRICULTURAL SOLUTIONS A/S	2022337117	VALENT BIOSCIENCES LLC
2022321803	SIEMENS ENERGY GLOBAL GMBH & CO. KG	2022338812	BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.
2022321826	INTERVET INTERNATIONAL B.V.	2022339765	VIR BIOTECHNOLOGY, INC.
2022322004	SOLAR FENCE GROUP LTD	2022339893	E INK CORPORATION
2022322103	JOHNSON & JOHNSON CONSUMER INC.	2022342078	BIORA THERAPEUTICS, INC.
2022322266	3ME TECHNOLOGY PTY LTD	2022344485	OMV DOWNSTREAM GMBH
2022322918	KELLOGG COMPANY	2022344667	METCELA INC.
2022323136	UNILEVER GLOBAL IP LIMITED	2022345964	IMMUNITYBIO, INC.
2022323317	PRIMETALS TECHNOLOGIES AUSTRIA GMBH	2022346364	MITSUBISHI HEAVY INDUSTRIES, LTD.
2022323327	KOPPERS PERFORMANCE CHEMICALS, INC.	2022346598	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
2022323516	STRAND THERAPEUTICS INC.	2022346903	LAING O'ROURKE PLC
2022323521	YOHANA LLC	2022348397	CHEER PACK NORTH AMERICA LLC
		2022348759	COVAL BIOPHARMA (SHANGHAI) CO., LTD.

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2022349105	DETNET SOUTH AFRICA (PTY) LTD
2022350974	BYD COMPANY LIMITED
2022351251	ARMORGARD HOLDINGS LIMITED
2022351402	BOEHRINGER INGELHEIM INTERNATIONAL GMBH
2022353661	FULCRUM GLOBAL TECHNOLOGIES INC.
2022354509	VARTA MICROBATTERY GMBH
2022354565	CONSTRUCTION RESEARCH & TECHNOLOGY GMBH
2022355808	SEKISUI CHEMICAL CO., LTD.
2022357142	FULCRUM GLOBAL TECHNOLOGIES INC.
2022358873	HERRENKNECHT AKTIENGESELLSCHAFT
2022376128	SUNGROW POWER SUPPLY CO., LTD.
2022378169	KORTEK CORPORATION
2022380964	ZTE CORPORATION
2022381345	TRUMA GERÄTE TECHNIK GMBH & CO. KG
2022381375	HUECK RHEINISCHE GMBH
2022382627	GOOGLE LLC
2022383010	HUECK RHEINISCHE GMBH
2022383126	CCTEG TAIYUAN RESEARCH INSTITUTE; SHANXI TIANDI COAL MINING MACHINERY CO., LTD.
2022399640	SYNAURA BIOTECHNOLOGY (SHANGHAI) CO., LTD.
2022405382	CHINA ELECTRIC POWER RESEARCH INSTITUTE
2022421911	CJ CHEILJEDANG CORPORATION
2022422204	CYBER SECURITY RESEARCH CENTRE LIMITED
2022422881	THREE SMITH GROUP LIMITED
2022437623	GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.
2022449624	JIANGSU AKST NEW MATERIALS CO., LTD.
2022454784	WUHAN OPTICS VALLEY ZOYON SCIENCE AND TECHNOLOGY CO., LTD.
2022459561	EASY LOCK; IM, Y.T.
2022462005	QINGDAO UNIVERSITY OF TECHNOLOGY
2023208810	LG ENERGY SOLUTION, LTD.
2023237124	Poviva Corp.
2023263579	CUMPSON, P.
2023273992	ACOUSIA THERAPEUTICS GMBH
2023280943	LANZHOU INSTITUTE OF ANIMAL HUSBANDRY AND VETERINARY MEDICINE, CHINESE ACADEMY OF AGRICULTURAL SCIENCES
2023287264	ELECTROSEP INC.
2023287506	MARKOV, V.

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<u>A01B 63 I/-</u>	<u>A01M 13 I/-</u>	<u>A01P 3 I/-</u>	2022314205 2022316339 2022317132 2022330944	<u>A45D 44 I/-</u>	<u>A47L 5 I/-</u>
2021458229	2022312758	2022294075 2022314312		2022316962	2022294097
<u>A01B 69 I/-</u>	<u>A01M 7 I/-</u>	<u>A23B 9 I/-</u>	<u>A23L 7 I/-</u>	<u>A45F 3 I/-</u>	<u>A47L 9 I/-</u>
2022289723	2022313564 2022316346 2022316347	2022312758	2022346598	2022311875	2022294097
<u>A01D 34 I/-</u>	<u>A01N 25 I/-</u>	<u>A23C 21 I/-</u>	<u>A23N 15 I/-</u>	<u>A47B 3 I/-</u>	<u>A61B 1 I/-</u>
2022289723	2022297907 2022300030 2022314312 2022323684	2022314185 2022316339	2021456544	2022296036	2022307541 2022324016 2022325130
<u>A01G 18 I/-</u>	<u>A01N 31 I/-</u>	<u>A23D 9 I/-</u>	<u>A24B 13 I/-</u>	<u>A47B 37 I/-</u>	<u>A61B 17 I/-</u>
2021456544		2022346598	2022307156 2022314266 2022315867	2022290406	2022289755 2022290518 2022291000 2022292552 2022307541 2022316483 2022328709 2022462005
<u>A01G 33 I/-</u>	<u>A01N 33 I/-</u>	<u>A23F 5 I/-</u>	<u>A24B 15 I/-</u>	<u>A47B 88 I/-</u>	<u>A61B 18 I/-</u>
2022321038	2022323990	2022290595 2022296777	2022314265 2022314266 2022314989 2022315867 2022316477	2022313797	2022291847 2022309235 2022319037
<u>A01G 7 I/-</u>	<u>A01N 37 I/-</u>	<u>A23J 1 I/-</u>	<u>A24D 1 I/-</u>	<u>A47C 29 I/-</u>	<u>A61B 34 I/-</u>
2021452038	2022311513	2022314185 2022316339	2022307156 2022314265 2022314989 2022316477	2022309743	2022292552 2022307541
<u>A01G 9 I/-</u>	<u>A01N 43 I/-</u>	<u>A23K 10 I/-</u>	<u>A24D 3 I/-</u>	<u>A47C 7 I/-</u>	
2022324794	2022290022 2022323990 2022337117	2022308954 2022317132	2022307156 2022314265 2022314989 2022316477	2022309743	
<u>A01H 1 I/-</u>	<u>A01N 47 I/-</u>	<u>A23L 19 I/-</u>	<u>A24F 40 I/-</u>	<u>A47D 13 I/-</u>	
2022311513	2021452038 2021452756 2022310707 2022314312 2022318251 2022323327 2022323684 2022324117	2022308954	2022320819 2022324699	2022309743	
<u>A01H 3 I/-</u>	<u>A01N 53 I/-</u>	<u>A23L 2 I/-</u>	<u>A41D 13 I/-</u>	<u>A47D 9 I/-</u>	<u>A61B 5 I/-</u>
2022292099	2022314312	2022314205 2022315867	2022292955	2022290005	2021453741 2022286639 2022289917 2022301541 2022307150 2022308717 2022315173 2022317804 2022319678
<u>A01K 1 I/-</u>	<u>A01N 59 I/-</u>	<u>A23L 27 I/-</u>	<u>A42B 3 I/-</u>	<u>A47G 19 I/-</u>	<u>A61B 6 I/-</u>
2022331956 2022333324	2022297907 2022297975 2022300030	2021452738 2022304458	2022292629 2022309974	2022307166 2022307663 2022311875	2022313161
<u>A01K 11 I/-</u>	<u>A01P 1 I/-</u>	<u>A23L 29 I/-</u>	<u>A45D 1 I/-</u>	<u>A47J 36 I/-</u>	<u>A61B 7 I/-</u>
2022319678	2022297907 2022297975 2022300030	2021452738 2022297907 2022297975 2022300030	2022299600	2022302074	2022315173
<u>A01K 13 I/-</u>	<u>A01P 13 I/-</u>	<u>A23L 3 I/-</u>	<u>A45D 2 I/-</u>	<u>A47J 42 I/-</u>	<u>A61B 8 I/-</u>
2022324561	2022310707 2022323684	2022294773 2022295609 2022296777 2022297762 2022305845 2022307441 2022314185	2022299600	2022320025	2022307541
<u>A01K 15 I/-</u>	<u>A01P 21 I/-</u>	<u>A23L 33 I/-</u>	<u>A45D 20 I/-</u>	<u>A47J 43 I/-</u>	<u>A61B 90 I/-</u>
2022317132	2022337117		2022299600	2022307663	2022290518 2022292552
<u>A01K 29 I/-</u>			<u>A45D 33 I/-</u>	<u>A47K 10 I/-</u>	<u>A61C 7 I/-</u>
2022319678 2022331956 2022333324			2022291714	2022316231	2022303524
<u>A01K 61 I/-</u>			<u>A45D 40 I/-</u>	<u>A47L 11 I/-</u>	<u>A61F 2 I/-</u>
2022308954			2022288637 2022289881 2022291714	2021450883	2022301346
<u>A01K 67 I/-</u>					
2022299607					
<u>A01K 97 I/-</u>					
2022307551					

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2022305064	2022310349	2022299185	<u>A61K 48 /-</u>	<u>A61L 2 /-</u>	<u>A61N 5 /-</u>
2022319018	2022310502	2022300340			
2022319758	2022310682	2022303155	2022307402	2022288695	2022291925
2022328709	2022310691	2022306923	2022312508	2022297907	2022294912
	2022311952	2022311513	2022317647	2022297975	2022316962
<u>A61F 5 /-</u>	2022312222	2022312508		2022300030	
	2022314009	2022314185	<u>A61K 49 /-</u>		<u>A61P 1 /-</u>
2022303524	2022314013	2022314205		<u>A61L 24 /-</u>	
	2022314205	2022315132	2022321011		2022289610
<u>A61F 9 /-</u>	2022315867	2022316339		2022318020	2022296371
	2022316200	2022317144	<u>A61K 51 /-</u>		2022311018
2021453584	2022317287	2022325953		<u>A61L 26 /-</u>	2022325953
2022288072	2022317782		2022291925		
2022319018	2022328178	<u>A61K 39 /-</u>	2022294912	2022316212	<u>A61P 11 /-</u>
2022319758	2022330009		2022302933		
2022329197	2022331729	2022290563	2022328455	<u>A61L 27 /-</u>	2022296371
	2022342078	2022290634			2022305845
<u>A61G 13 /-</u>	2023237124	2022291384	<u>A61K 8 /-</u>	2022316483	2022310735
	2023273992	2022301309		2022318569	
2022332125		2022303528	2022296777	2022321019	<u>A61P 13 /-</u>
	<u>A61K 33 /-</u>	2022304572	2022307260		
<u>A61G 15 /-</u>		2022307659	2022311513	<u>A61L 31 /-</u>	2022296371
	2022297907	2022307747	2022311765		2022300305
2022332125	2022297975	2022308421	2022313890	2022315132	2022315512
<u>A61G 7 /-</u>	2022300030	2022308954	2022313966	2022316483	2022344667
	2022310735	2022309028	2022315196		
2022332125	2022310829	2022310036	2022316128	<u>A61L 9 /-</u>	<u>A61P 17 /-</u>
		2022312698	2022316962		
<u>A61K 103 /-</u>	<u>A61K 35 /-</u>	2022313244	2022323990	2022290406	2022291974
		2022317827	2022331729	<u>A61M 1 /-</u>	2022296371
2022302933	2022291384	2022318153	<u>A61K 9 /-</u>		2022307260
	2022292714	2022318416		2022296010	2022313966
<u>A61K 31 /-</u>	2022294773	2022319819	2022284369		
	2022294896	2022320051	2022290563	<u>A61M 16 /-</u>	<u>A61P 19 /-</u>
2021452756	2022295609	2022321826	2022294208		2022283957
2022239069	2022301302	2022326557	2022295164	2022296043	2022296371
2022284369	2022301978	2022328753	2022297975	2022308430	2022298841
2022288090	2022304572	2022339765	2022300340	<u>A61M 25 /-</u>	2022300340
2022289514	2022305845		2022302933		2022307748
2022290946	2022306557	<u>A61K 45 /-</u>	2022305962	2021457537	2022312774
2022294054	2022307260		2022306682	2022286639	
2022294069	2022307441	2022294208	2022308419	2022300375	<u>A61P 21 /-</u>
2022294208	2022307748	2022305957	2022308837	2022300861	
2022294860	2022309875	2022310829	2022310161	2022324016	2022296371
2022295936	2022312462	2022328178	2022310349		2022299185
2022296214	2022312508		2022310435	<u>A61M 29 /-</u>	2022307934
2022296371	2022312774	<u>A61K 47 /-</u>	2022310735		2022309028
2022297762	2022314185		2022310829	2022328709	2022309238
2022299103	2022316339	2021458069	2022311765		
2022300305	2022316889	2022288090	2022312222	<u>A61M 39 /-</u>	<u>A61P 25 /-</u>
2022300870	2022317827	2022292592	2022314013		2022290946
2022301309	2022318153	2022294069	2022314205	2021457537	2022294106
2022303084	2022318416	2022295164	2022314266		2022296371
2022303319	2022319819	2022295936	2022315132	<u>A61M 5 /-</u>	2022306923
2022303441	2022330944	2022297975	2022315867		2022309017
2022305957	2022344667	2022302933	2022318169	2021453741	2022309123
2022305962		2022306352	2022348759	2022288695	2022310502
2022306038	<u>A61K 36 /-</u>	2022306692	2023273992	2022315294	2022312222
2022306467		2022307086		<u>A61M 60 /-</u>	2022317782
2022306671	2022294773	2022308043	<u>A61L 101 /-</u>		2022330944
2022306692	2022295609	2022309028			
2022307441	2022296777	2022309238	2022297975	2022301194	<u>A61P 27 /-</u>
2022308043	2022297762	2022310036			
2022308419	2022314013	2022310346	<u>A61L 15 /-</u>	<u>A61N 1 /-</u>	2022295164
2022308704		2022310356			2022296371
2022309017	<u>A61K 38 /-</u>	2022310829	2022316212	2022300278	2022309195
2022309028		2022311765		2022303400	
2022309123	2021458069	2022312222	<u>A61L 17 /-</u>	2022307541	<u>A61P 29 /-</u>
2022309195	2022283957	2022314205		2022317804	
2022309236	2022289514	2022328753	2022316212	2022323766	2022296371
2022309238	2022289610	2022348759		2022334998	2022300305
2022310161	2022295164				2022306671
	2022298841				

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2022310349	2022325953				2022383010
2022317782	2022326557	A62B 18 /-	B01D 59 /-	B01J 8 /-	B31B 50 /-
2022330009	2022328178				
A61P 3 /-	2022328455	2022292955	2022298804	2022283847	
	2022328753				2022306043
	2022330009	A62B 23 /-	B01D 61 /-	B01L 3 /-	B32B 15 /-
2022289610					
2022294773	A61P 37 /-	2022292955	2022311028	2022307677	2022355808
2022295609					
2022296371	2022290946	A62C 2 /-	B01D 63 /-	B01L 7 /-	B32B 3 /-
2022297762	2022291974				
2022299185	2022293581	2022355808	2022330359	2022307677	2022294139
2022310349	2022296371	A62C 3 /-	B01D 69 /-	B02C 2 /-	B32B 5 /-
2022311018	2022306671				
2022330009	2022309195	2023208810	2022311871	2022307422	2022355808
	2022309875				
A61P 31 /-	2022315512	A62C 31 /-	B01D 71 /-	B03D 1 /-	B44B 5 /-
	2022317144				
2021452756		2022315158	2022311871	2022307151	2022381375
2022296214	A61P 39 /-				2022383010
2022296371		A62C 35 /-	B01F 23 /-	B04B 1 /-	
2022297907	2022331729				B60D 1 /-
2022297975		2022315158	2022292910	2022297630	
2022300030	A61P 43 /-	2023208810	2022307151	2022327488	2022297525
2022300305					2022317030
2022306467	2022296371	A62C 37 /-	B01F 25 /-	B04B 11 /-	
2022307659	2022309195				B60F 5 /-
2022307747	2022310691	2023208810	2022292910	2022297630	
2022308954	2022312774		2022307151	2022327488	2022315399
2022310349	2022314013	A62C 99 /-			
2022311906			B01F 35 /-	B04B 15 /-	B60G 17 /-
2022321826	A61P 5 /-	2023208810			
			2022292910	2022297630	2022311554
A61P 35 /-	2021458069	A63C 19 /-	B01J 13 /-	B04B 7 /-	B60G 3 /-
	2022299103				
2022239069		2022321637		2022297630	2022311554
2022284342	A61P 7 /-		2022307156		B60K 28 /-
2022284369		A63F 9 /-			
2022286467	2022296371		B01J 19 /-	B04C 5 /-	2022289917
2022290563		2022315215			B60L 50 /-
2022290946	A61P 9 /-			2022344485	
2022291384		B01D 1 /-	2022283847	B07C 5 /-	2021454890
2022294054	2022294208		2022295393		
2022294069	2022296371	2022309211	2022311948		B60N 2 /-
2022294860	2022297762			2022294702	
2022296371	2022299103	B01D 11 /-	B01J 20 /-		2022309743
2022297538	2022300305			B09B 3 /-	
2022301302	2022306557	2022311948	2022301526		B60R 1 /-
2022301309	2022309195	B01D 15 /-	2022303269	2022301725	
2022301978	2022309238		2022313474		
2022303084	2022310161	2022309725	B01J 23 /-	B25B 5 /-	
2022303441		2022309726			B60R 11 /-
2022303528	A61Q 11 /-		2022331065	2022326143	
2022304572		B01D 21 /-			2022309604
2022305957	2022313890		B01J 29 /-	B25J 15 /-	
2022306671	2022315196	2022289246			
2022308421	2022316128	2022344485	2022300502	2022324794	2022290294
2022309195	A61Q 15 /-	B01D 53 /-	2022324850	B26B 19 /-	B60R 16 /-
2022310346			B01J 35 /-		
2022310356	2022313966	2022294462		2022324561	2022322266
2022310682		2022297736	2022298804	B27K 3 /-	B60W 30 /-
2022310829	A61Q 17 /-	2022298318			
2022310847		2022298804	B01J 37 /-	2022323327	2022297525
2022311952	2022307260	2022308643		2022324117	
2022312698	2022323990	2022311270	2022324850		B60W 40 /-
2022313244		2022311871	B01J 49 /-	B30B 15 /-	
2022314009	A61Q 19 /-	2022313474			2022308487
2022314013		2022320194	2022301526	2022381375	
2022316200	2022311765	2022321038	2022303269	2022383010	B60W 60 /-
2022317287	2022313966	2022324850		B30B 3 /-	
2022318153	2022323990	2022331065	B01J 7 /-		2022297525
2022318416	2022331729	2023287264		2022381375	2022309604
2022319819			2022312758		

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<u>B61L 25 /-</u>	<u>B65D 30 /-</u>	<u>B67D 3 /-</u>	<u>C04B 28 /-</u>	<u>C07C 47 /-</u>	<u>C07D 405 /-</u>
2022329605	2022322918	2022307663	2022307540	2022321753	2022310682
<u>B61L 27 /-</u>	<u>B65D 35 /-</u>	<u>B82Y 10 /-</u>	2022309313	<u>C07C 67 /-</u>	<u>C07D 409 /-</u>
2022329605	2022348397	2022309109	2022354565	2022292037	2022296371
<u>B62B 3 /-</u>	<u>B65D 41 /-</u>	<u>C01B 21 /-</u>	<u>C04B 40 /-</u>	2022293929	
2022351251	2022292326	2022311270	2022354565	<u>C07C 69 /-</u>	<u>C07D 413 /-</u>
2022348397	2022348397		<u>C04B 7 /-</u>	2022292037	2022296214
<u>B62B 5 /-</u>	<u>B65D 43 /-</u>	<u>C01B 25 /-</u>	2022309313	2022293929	2022296371
2022351251	2022292326	2022312758	<u>C07B 59 /-</u>	<u>C07C 9 /-</u>	2022303441
<u>B62B 7 /-</u>	<u>B65D 47 /-</u>	<u>C01B 3 /-</u>			<u>C07D 417 /-</u>
2022324663	2022292326	2022283847	2022302933	2022294462	2022296371
<u>B62B 9 /-</u>	2022311875	2022294462	2022328455	<u>C07D 207 /-</u>	2022300611
2022348397	2022348397	2022298318	<u>C07C 1 /-</u>	2022300305	2022303441
2022309743	<u>B65D 5 /-</u>	2022300502	2022294462	<u>C07D 209 /-</u>	2022310682
<u>B62D 49 /-</u>	2022306043	2022346364	<u>C07C 13 /-</u>	2022309017	2022318251
2022311554	2022325850	<u>C01B 32 /-</u>			<u>C07D 471 /-</u>
<u>B62D 5 /-</u>	<u>B65D 51 /-</u>	2022283847	2022317782	<u>C07D 215 /-</u>	2022286467
2022310023	2022292326	2022294462	<u>C07C 15 /-</u>	2022303084	2022290946
<u>B63B 25 /-</u>	<u>B65D 63 /-</u>	2022300502	2022309236	<u>C07D 235 /-</u>	2022294860
2022295393	2022306481	2022320194	<u>C07C 215 /-</u>	2022294069	2022303441
2022304232	<u>B65D 71 /-</u>	<u>C01C 1 /-</u>	<u>C07C 217 /-</u>	<u>C07D 239 /-</u>	2022306671
<u>B63B 34 /-</u>	2022306481	<u>C02F 1 /-</u>	2022308704	2022310707	2022309195
2022301303	2022312454	2022298804	2022317782	<u>C07D 241 /-</u>	2022330009
<u>B63B 35 /-</u>	<u>B65D 81 /-</u>	2022305126	<u>C07C 235 /-</u>	2022301309	<u>C07D 473 /-</u>
2022289804	2022322918	2022309211	2021458069	<u>C07D 249 /-</u>	2022286467
2022304232	<u>B65D 83 /-</u>	2022311028	2022332278	2022239069	2022294054
<u>B63B 77 /-</u>	2022297907	2023287264	<u>C07C 237 /-</u>	2022295936	2022296371
2022304232	2022300030	<u>C02F 103 /-</u>	2021458069	<u>C07D 263 /-</u>	2022300611
<u>B63C 9 /-</u>	<u>B65D 85 /-</u>	<u>C02F 11 /-</u>	<u>C07C 271 /-</u>	<u>C07D 295 /-</u>	202231952
2022301303	2022301691	2022311026	2021458069	2022310502	2022314009
<u>B63H 1 /-</u>	<u>B65G 17 /-</u>	2022311028	<u>C07C 31 /-</u>	<u>C07D 311 /-</u>	2022317287
2022306403	2022294702	<u>C02F 3 /-</u>	2022294462	2022303319	<u>C07D 491 /-</u>
<u>B63H 21 /-</u>	<u>B65G 47 /-</u>	2022308643	<u>C07C 311 /-</u>	2022332278	2022309195
2022311772	2022294702	2022311028	2022309236	<u>C07D 317 /-</u>	<u>C07D 493 /-</u>
<u>B64C 1 /-</u>	<u>B65G 59 /-</u>	2022305126	<u>C07C 381 /-</u>	2022306038	2022306467
2022315399	2022312752	<u>C04B 103 /-</u>	2022318251	<u>C07D 401 /-</u>	<u>C07D 498 /-</u>
<u>B64C 27 /-</u>	<u>B66B 9 /-</u>	2022354565	<u>C07C 43 /-</u>	2022294860	2022314009
2022315399	2021460817	<u>C04B 22 /-</u>	2022308704	2022296371	2022294054
<u>B65D 3 /-</u>	2021461060	2022307540	<u>C07C 45 /-</u>	2022303441	2022330009
2022292326	2022313571	<u>C04B 24 /-</u>	2022321753	2022309195	<u>C07H 21 /-</u>
	<u>B66C 1 /-</u>	2022307540		2022310682	2022308051
	2022459561			2022310707	<u>C07J 71 /-</u>
				<u>C07D 403 /-</u>	2021452756
				2022310682	

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<u>C07J 9 /-</u>	<u>C07K 19 /-</u>	<u>C09J 9 /-</u>	2022305650	<u>C12Q 1 /-</u>	<u>C25D 15 /-</u>
2022348759	2022292592	2022290976	2022306377		2022462005
	2022294896		2022306557	<u>C12Q 1 /-</u>	
<u>C07K 1 /-</u>	2022307402	<u>C09K 21 /-</u>	2022306692	2021453871	<u>D01D 5 /-</u>
	2022312462		2022307402	2022289398	
2022311899	2022313244	2022319027	2022307934	2022294092	2022318569
2022332278			2022308002	2022294745	
	<u>C07K 4 /-</u>	<u>C09K 8 /-</u>	2022308051	2022300269	<u>D04B 1 /-</u>
<u>C07K 14 /-</u>	2022317144	2022307356	2022308421	2022300887	2022310544
2021458069		2022307540	2022308733	2022303140	
2022283957	<u>C07K 5 /-</u>		2022309028	2022303528	<u>D04H 1 /-</u>
2022289610	2022332278	<u>C10G 1 /-</u>	2022309238	2022306397	2022318569
2022291384		2022344485	2022310435	2022309725	
2022292592	<u>C07K 7 /-</u>		2022312495	2022309726	<u>E01C 23 /-</u>
2022296534		<u>C10G 2 /-</u>	2022312508	2022311770	
2022297538	2022283957		2022316889	2022312308	2022454784
2022299607	2022306352	2022294462	2022316980	2022312774	
2022300326	2022308704		2022317647	2022319819	<u>E01D 19 /-</u>
2022301302	2022328455	<u>C10G 31 /-</u>	2022319819	2022322103	2022346903
2022303528	2022332278		2022323516	2022323972	
2022307747		2022344485	2022328753	2023280943	
2022307934	<u>C08B 37 /-</u>	<u>C10G 49 /-</u>	2022345964	<u>C12R 1 /-</u>	<u>E01F 15 /-</u>
2022309875	2022295936		2022421911	2022305845	2022316467
2022311018		2022344485	2023280943		2022317030
2022311529	<u>C08G 18 /-</u>		<u>C12N 5 /-</u>	<u>C21B 13 /-</u>	<u>E01F 9 /-</u>
2022312462	2022306591	<u>C10L 3 /-</u>	2022292714	2022323317	2022317030
2022313244			2022292928	<u>C22B 1 /-</u>	<u>E02D 13 /-</u>
2022314185	<u>C08G 65 /-</u>	2022320194	2022294896		2022328163
2022316339		<u>C11D 1 /-</u>	2022301302	2021450919	<u>E03B 7 /-</u>
2022316889	2022312222		2022304681	<u>C22B 19 /-</u>	2022319177
2022318416	<u>C08J 11 /-</u>	2021452038	2022306557		<u>E03C 1 /-</u>
2022332278		2022323136	2022307402	2021450919	2022307033
2022339765		<u>C11D 3 /-</u>	2022307951	<u>C22B 7 /-</u>	<u>E03F 5 /-</u>
<u>C07K 16 /-</u>	2022292037		2022309875		2022289246
2022284342	2022293929	<u>C11D 7 /-</u>	2022312308	<u>C22C 19 /-</u>	<u>E04B 1 /-</u>
2022287100	2022301725		2022312462		2022307033
2022290563	<u>C08J 5 /-</u>	<u>C11D 9 /-</u>	2022312774	2022308365	2022307059
2022291974	2022294139		2022313244	<u>C23C 14 /-</u>	2022355808
2022293581		2022287571	2022313776		<u>E04C 5 /-</u>
2022294106	<u>C08L 3 /-</u>	<u>C11D 9 /-</u>	2022316889	2022381375	2022330436
2022297538	2022290976		2022317647	2022383010	
2022299185		<u>C12M 1 /-</u>	2022318416	<u>C25B 1 /-</u>	2022305073
2022300326	<u>C09D 11 /-</u>		2022319764		2022330436
2022301978	2022290628	<u>C12M 3 /-</u>	2022319819	2022304956	<u>E04G 21 /-</u>
2022303155	<u>C09D 175 /-</u>		<u>C12N 7 /-</u>	2022313447	
2022303528		<u>C12M 1 /-</u>		2022321803	<u>E04G 25 /-</u>
2022306692	2022306591		<u>C12N 9 /-</u>		2022305073
2022307086	<u>C09D 5 /-</u>	<u>C12N 1 /-</u>		<u>C25B 11 /-</u>	<u>E04H 4 /-</u>
2022307659			2021453871		2022307059
2022307934	2022290628	2022292714	2022291273	<u>C25B 15 /-</u>	2022321637
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2022308421	2022311906	<u>C12N 1 /-</u>	2022305650	2022321803	
2022309028	2022312698		2022306377		
2022309238	2022315512	<u>C12N 15 /-</u>	2022306557	<u>C25B 3 /-</u>	
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2022311906	2022317144	2022289514	2022345964	2022304956	
2022312698	2022318416	2022291273	2022399640	2022313447	
2022315512	2022319819	2022291384	2022421911		
2022316980	2022320051	2022294075	<u>C12P 19 /-</u>	<u>C25B 9 /-</u>	
2022317144	2022326557	2022294896			
2022318416	2022328753	2022296534	<u>C12P 7 /-</u>		
2022319819		2022299607		2022313447	
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2022328753	2022449624				
	<u>C09J 133 /-</u>				
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2022310915	2022437623	2022297630	2022309991	<u>G01C 19 /-</u>	2022305241
<u>E06B 3 /-</u>	<u>F03D 7 /-</u>	<u>F16J 3 /-</u>	<u>F24F 8 /-</u>	2022308906	<u>G01N 33 /-</u>
2022305073	2022437623	2022308430	2022290406	<u>G01C 21 /-</u>	2022283957
<u>E21B 19 /-</u>	<u>F03D 9 /-</u>	<u>F16K 15 /-</u>	<u>F24S 70 /-</u>	2022289723	2022291974
2022311829	2022292889	2022316158	2022322004	<u>G01C 25 /-</u>	2022300326
<u>E21B 33 /-</u>	<u>F04B 35 /-</u>	<u>F16L 3 /-</u>	<u>F25B 39 /-</u>	2022308906	2022301525
2022307356	2022306450	2022296043	2022317695	<u>G01C 3 /-</u>	2022301541
2022307540	<u>F04D 23 /-</u>	2022317695	2022319409	2022304736	2022305241
2022311829		2022319409	<u>F25D 11 /-</u>		2022305845
2022320453	2022381345	<u>F16L 37 /-</u>	2022317695	<u>G01D 21 /-</u>	2022309725
<u>E21B 36 /-</u>	<u>F04D 29 /-</u>	2022296043		<u>G01D 21 /-</u>	2022309726
2022310512	2022381345	<u>F16L 5 /-</u>	<u>F25D 19 /-</u>	2022309358	2022309872
<u>E21B 43 /-</u>	<u>F16B 1 /-</u>	2022307033	2022319409	<u>G01D 3 /-</u>	2022311899
2022307356	2022290294	<u>F16L 55 /-</u>	<u>F25D 23 /-</u>	2022309358	2022317827
<u>E21B 47 /-</u>	<u>F16B 17 /-</u>	2022319177	2022319409	2022309358	2022319819
2022310512	2022296043	<u>F16L 57 /-</u>	<u>F25D 25 /-</u>		<u>G01D 3 /-</u>
<u>E21C 25 /-</u>	<u>F16B 2 /-</u>	2022315002	2022313797	<u>G01F 1 /-</u>	2022304736
2022383126	2022296043	<u>F16L 58 /-</u>	<u>F25D 3 /-</u>	2022310512	
<u>E21D 9 /-</u>	<u>F16B 37 /-</u>	2022315002	2022307166	<u>G01F 15 /-</u>	<u>G01R 19 /-</u>
2022358873	2022307059	<u>F16L 59 /-</u>	<u>F25J 1 /-</u>	2022309358	2022317189
2022383126	<u>F16B 7 /-</u>	2022355808	2022312601	2022323938	<u>G01S 13 /-</u>
<u>E21F 17 /-</u>	2022422881	<u>F16L 9 /-</u>	<u>F27B 15 /-</u>	<u>G01L 19 /-</u>	2022309310
2022383126	<u>F16B 9 /-</u>	2022315002	2021450919	<u>G01L 7 /-</u>	<u>G01S 15 /-</u>
<u>F02C 3 /-</u>	2022296043	<u>F16M 11 /-</u>	<u>F28D 20 /-</u>	2022319177	2022309310
2022305800	<u>F16C 32 /-</u>	2022305073	2022324689	<u>G01M 3 /-</u>	2022315116
2022306450	2022295555	<u>F17C 1 /-</u>	<u>F41A 9 /-</u>	2022291371	<u>G01S 17 /-</u>
<u>F02C 6 /-</u>	<u>F16D 37 /-</u>	2022307880	2022289709	2022319177	2022304736
2022305800	2022295555	2022324648	2022289883	<u>G01N 21 /-</u>	<u>G01S 7 /-</u>
2022306450	2022295555	<u>F17C 13 /-</u>	<u>F41H 13 /-</u>	2022316746	<u>G01T 1 /-</u>
<u>F02C 7 /-</u>	<u>F16F 15 /-</u>	2022293931	2022289709	2023263579	2022320954
2022305800	2022295555	2022312158	2022289883	<u>G01N 23 /-</u>	<u>G02B 1 /-</u>
<u>F02M 21 /-</u>	<u>F16F 9 /-</u>	<u>F17C 5 /-</u>	<u>F42B 3 /-</u>	2022309109	2022305415
2022346364	2022292629	2022346364	2022349105	2022313161	<u>G02B 27 /-</u>
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2023287506	2022459561	2022295393	2022289709	2021447399	2022305415
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2022304232			2022303145	2022311770	2022320172
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2022288072	<u>G06N 20 /-</u>	2022309604	2022315173	2022326348	2022326348
<u>G02C 7 /-</u>	2022297730	2023263579	<u>G10K 15 /-</u>	2022378169	<u>H02K 1 /-</u>
2022288072	2022308717	<u>G06V 10 /-</u>	2022315116	<u>H01H 85 /-</u>	2022318884
	2022328125			2022322266	
<u>G02C 9 /-</u>	<u>G06N 3 /-</u>	2022306374	<u>G16B 20 /-</u>	<u>H01H 9 /-</u>	<u>H02K 21 /-</u>
2022288072	2022299545	2022311773	2022298652	2022322266	2022318884
		2023263579	2022300887		
<u>G02F 1 /-</u>	<u>G06Q 10 /-</u>	<u>G06V 20 /-</u>	2022305085	<u>H02K 3 /-</u>	
2022339893	2021464018	2022289723	2022308670	<u>H01L 27 /-</u>	2022318884
<u>G03F 7 /-</u>	2022289723	2022301303	<u>G16B 25 /-</u>	2022316962	2022329870
	2022289903	2022306374			
2022298804	2022293134	2022311773	2022289398	<u>H01L 33 /-</u>	<u>H02K 49 /-</u>
	2022293963	<u>G06V 40 /-</u>	<u>G16B 30 /-</u>	2022316962	2022295555
<u>G05B 19 /-</u>	2022308581				
	2022309001	2022289917	2022300887	<u>H01M 10 /-</u>	<u>H02K 5 /-</u>
2022322266	2022311798	2022301303	2022326787	2022299530	2022295555
	2022318501	<u>G07C 5 /-</u>	<u>G16B 40 /-</u>	2022354509	<u>H02K 7 /-</u>
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	2022323963	<u>G07C 9 /-</u>	2022305085	<u>H01M 4 /-</u>	2022295555
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2022307050	2022328125	<u>G07D 11 /-</u>	2022382627	2022322266	<u>H02N 15 /-</u>
<u>G06F 16 /-</u>	<u>G06Q 30 /-</u>	2022311032	<u>G16H 10 /-</u>	2022354509	2022295555
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2022422204	2022318501		<u>G16H 15 /-</u>		2022306294
	2022331449	2022311032		<u>H01M 8 /-</u>	
<u>G06F 21 /-</u>	2022353661	<u>G07F 11 /-</u>	2022313873	2022302369	<u>H02S 20 /-</u>
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2022293205	<u>G06Q 40 /-</u>	<u>G07F 13 /-</u>	2022300269	2022303016	<u>H02S 40 /-</u>
2022299545	2022308487	2022308032	<u>G16H 30 /-</u>	<u>H02G 1 /-</u>	2022322004
2022308058	<u>G06Q 50 /-</u>			2022320453	<u>H03H 11 /-</u>
2022309274		<u>G07F 17 /-</u>	2022313873	<u>H02G 3 /-</u>	2021456045
2022329901	2021455863	2022315215	<u>G16H 50 /-</u>	2022376128	<u>H03K 3 /-</u>
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	2022291371	2022301303	2022300269	2022320453	<u>H04B 1 /-</u>
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	2022308581	<u>G08G 1 /-</u>	2022294215	2022295555	2022326348
<u>G06F 30 /-</u>	2022309001	2022308487	<u>G21G 1 /-</u>		<u>H04B 10 /-</u>
	2022329605	<u>G09B 23 /-</u>	2022294912	<u>H02J 3 /-</u>	2022307689
2022297730	<u>G06T 11 /-</u>	2022319859	<u>H01B 11 /-</u>	2022405382	2022317169
	2022315597	<u>G09G 3 /-</u>	2022307689	<u>H02J 7 /-</u>	2022318106
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2021458238	2023263579			2022326348	
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H04N 13 /-

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F25B 29/00 (2006.01)
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A61K 31/4375 (2006.01)
A61P 31/00 (2006.01)
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H01Q 1/00 (2006.01)
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A61P 3/04 (2006.01)
A61P 3/10 (2006.01)
A61P 29/00 (2006.01)
A61P 35/00 (2006.01)
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E05F 15/60 (2015.01)
G07C 9/00 (2020.01)
G08C 17/02 (2006.01)
E05F 15/77 (2015.01)
G05B 23/02 (2006.01)
H04L 9/40 (2022.01)

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A61M 15/00 (2006.01)
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A61P 11/00 (2006.01)
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C07D 403/06 (2006.01)
A61K 31/5377 (2006.01)
A61P 3/04 (2006.01)
A61P 3/10 (2006.01)
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A61K 31/5377 (2006.01)
A61P 3/04 (2006.01)
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A47L 9/22 (2006.01)
H02P 5/46 (2006.01)
H02P 27/04 (2016.01)
H03K 5/156 (2006.01)
H04B 3/54 (2006.01)
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H02M 7/48 (2007.01)

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F24F 1/0007 (2019.01)

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G05B 19/418 (2006.01)

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A61K 39/00 (2006.01)

A61P 25/28 (2006.01)

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H01M 10/46 (2006.01)

H02J 7/00 (2006.01)

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C01B 6/21 (2006.01)

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F16L 15/04 (2006.01)

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C02F 1/50 (2006.01)

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G02B 21/00 (2006.01)
G02B 21/24 (2006.01)
G02B 21/36 (2006.01)
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F25D 23/02 (2006.01)
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H04W 88/02 (2009.01)
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A61N 2/00 (2006.01)
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A61N 2/02 (2006.01)
A61B 5/246 (2021.01)
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B01D 53/04 (2006.01)

B01D 53/10 (2006.01)

B01D 53/30 (2006.01)

C25C 3/22 (2006.01)

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C07K 16/28 (2006.01)

A61K 39/395 (2006.01)

A61P 17/06 (2006.01)

A61P 37/06 (2006.01)

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B65D 47/34 (2006.01)

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A61K 31/47 (2006.01)

A61P 37/00 (2006.01)

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G01N 21/03 (2006.01)

B01L 3/00 (2006.01)

G01N 21/64 (2006.01)

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A47L 5/24 (2006.01)

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H04N 19/139 (2014.01)

H04N 19/13 (2014.01)

H04N 19/176 (2014.01)

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E21B 7/02 (2006.01)

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H01H 23/24 (2006.01)

H01H 3/28 (2006.01)

H01H 3/38 (2006.01)

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H01H 50/32 (2006.01)

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B01J 23/10 (2006.01)
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C07C 11/167 (2006.01)
C07C 29/76 (2006.01)
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A61K 31/407 (2006.01)
A61P 3/10 (2006.01)
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C07D 403/04 (2006.01)
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A01H 5/00 (2018.01)
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2016366557	Takeda Pharmaceutical Company Limited	2018351887	HD3 Limited
2016381832	Amicus Therapeutics, Inc.	2018354413	Frito-Lay North America, Inc.
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2017402165	Shanghai Pacific Hat Manufacturing Co., Ltd	2018386368	Ecole Polytechnique Federale de Lausanne (EPFL)
2017432235	Singapore Airlines Limited	2018387418	BicycleTx Limited
2017434032	Kimberly-Clark Worldwide, Inc.	2018393463	Shanghai Dianba New Energy Technology Co., Ltd.; Aulton New Energy Automotive Technology Group
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2018200775	CRUISEMASTER AUSTRALIA PTY LTD	2018417507	Guangdong Oppo Mobile Telecommunications Corp., Ltd.
2018202357	InfraBuild Wire Pty Limited	2019226375	Bunge Növényolajipari Zártkörűen Működő Részvénytársaság; Consejo Superior de Investigaciones Científicas (CSIC)
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2018206431	Dirani, H.	2019229360	Hiab AB
2018208535	Giuliani S.p.A.	2019229422	Hiab AB
2018217372	Fundación para la Investigación Médica Aplicada; Advanced Marker Discovery, S.L.	2019234148	Delaval Holding AB
2018224044	University of Florida Research Foundation, Incorporated; The UAB Research Foundation	2019236120	Dow Global Technologies LLC
2018226208	NPROXX B.V.	2019256458	Qualcomm Incorporated
2018228881	The Trustees of The University of Pennsylvania	2019269892	SICPA HOLDING SA
2018230357	Eco.Logic Brands Inc.	2019270505	REEL Alesa AG
2018234844	Ohio State Innovation Foundation; The Regents of the University of Michigan	2019275192	Amferia AB
2018239993	Bayer Healthcare LLC	2019276050	Südzucker AG
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2018251677	Locus IP Company, LLC	2019312478	CVie Therapeutics Limited
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2018258212	Electrolux Home Products, Inc.	2019343922	1Globe Biomedical Co., Ltd.; 1Globe Health Institute LLC
2018259109	PharmaFluidics NV	2019344574	Versalis S.p.A.
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2018269056	Imagine Scientific, Inc.	2019397046	Peloton Interactive, Inc.
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2018315394	Universite de Versailles-St Quentin en Yvelines; Assistance Publique - Hopitaux de Paris	2020244399	The Regents of The University of California
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2018322386	Memorial Sloan Kettering Cancer Center	2020259816	Exentis Knowledge GmbH
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2018330511	Kai Concepts, LLC	2020288047	LG Electronics Inc.
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	2020343191	2019427497	2016381832	2022204642	<u>A61P 3 /-</u>
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2017319643	2020343191	2021350564	2021478651	<u>A61M 31 /-</u>	2021254625
2018240427		<u>A61F 9 /-</u>	<u>A61K 39 /-</u>	2018269556	2021258089
<u>A01N 51 /-</u>	<u>A43C 11 /-</u>	2018347507	2016361451		2021367713
2022275528	2020343191	2018252197	2016366557	<u>A61M 5 /-</u>	2021367714
	<u>A45D 2 /-</u>	<u>A61J 1 /-</u>	2017267793	2018269556	
<u>A01P 13 /-</u>	2018351887	2018309508	2017354027		
2017319643	<u>A46B 15 /-</u>	<u>A61K 31 /-</u>	2018241624	<u>A61N 1 /-</u>	<u>A61P 31 /-</u>
2018240427	2022263452	2016381832	2018283957	2018301337	2021254625
	<u>A47J 31 /-</u>		2018322386	2022215308	2021258089
<u>A01P 3 /-</u>			2017354027	<u>A61N 2 /-</u>	2020210142
2022275528	2018379584		2018307897	2022215308	2020374844
			2018387418	<u>A61N 5 /-</u>	2021219832
<u>A01P 7 /-</u>					2021254625
2017319643				2018269056	2021258089
2022275528					2021274149
					2022204373

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<u>A61P 37 /-</u>	<u>B05B 7 /-</u>	<u>B41M 3 /-</u>	<u>B63H 5 /-</u>	<u>B65D 90 /-</u>	<u>C07C 1 /-</u>
2018239993	2018326415	2019269892	2018330511	2019428001	2019344574
2019306217	<u>B08B 1 /-</u>	<u>B60B 35 /-</u>			<u>C07C 11 /-</u>
2020400010	2018251677	2023200138	<u>B64D 1 /-</u>	<u>B65G 1 /-</u>	2019344574
2021219634		2023202932	2019409867	2021261550	
<u>A61P 43 /-</u>	<u>B08B 3 /-</u>	<u>B60C 13 /-</u>	<u>B64D 11 /-</u>	2022256194	<u>C07C 29 /-</u>
2018307897	2018251677	2022256194	2017432235	<u>B65G 19 /-</u>	2019344574
<u>A61P 9 /-</u>	<u>B08B 5 /-</u>	<u>B60G 7 /-</u>	<u>B64G 1 /-</u>	2021426705	<u>C07C 31 /-</u>
2019312478	2018251677	2018200775	2022200377	<u>B65G 43 /-</u>	2019344574
2020293522	<u>B21D 43 /-</u>			2021426705	<u>C07C 319 /-</u>
<u>A61Q 5 /-</u>	2018315777	<u>B60K 1 /-</u>	<u>B65B 11 /-</u>	<u>B65G 65 /-</u>	2020293522
2021204067	<u>B21F 23 /-</u>	2018393463	2020349415	2018315777	<u>C07C 321 /-</u>
2021262761		<u>B60L 1 /-</u>	2020350496		
<u>A62B 18 /-</u>	2018315777	2020437887	<u>B65B 57 /-</u>	<u>B66B 13 /-</u>	2020293522
2021286385	<u>B21J 15 /-</u>	<u>B60L 50 /-</u>	2020349415	2020318473	<u>C07C 51 /-</u>
<u>A62C 3 /-</u>	2022289635	2021261550	<u>B65B 65 /-</u>	<u>B67D 1 /-</u>	2019307736
2019409867	<u>B21K 1 /-</u>	<u>B60P 1 /-</u>	2020349415	2019412989	<u>C07C 59 /-</u>
<u>A62C 31 /-</u>	2023202932	2019229360	<u>B65D 13 /-</u>	<u>B82B 1 /-</u>	2019307736
2020441493	<u>B25B 27 /-</u>	2019229422	2018230357	2022221555	<u>C07C 69 /-</u>
<u>A63B 22 /-</u>	2022289635	<u>B60P 3 /-</u>	<u>B65D 17 /-</u>	<u>C01B 3 /-</u>	2021286316
2019397046	<u>B25J 9 /-</u>	2018288433	2021286497	2020327321	<u>C07D 213 /-</u>
<u>A63B 24 /-</u>	2018248806	2019229360	<u>B65D 25 /-</u>	2021304095	2023204660
2019397046	<u>B27B 15 /-</u>	2019229422	2021286497	2022271392	<u>C07D 215 /-</u>
<u>A63B 71 /-</u>	2021217507	2022202116	<u>B65D 33 /-</u>	2020327321	2020235464
2019397046	<u>B27B 31 /-</u>	<u>B61D 31 /-</u>	2018312186	<u>C01C 1 /-</u>	<u>C07D 307 /-</u>
<u>A63H 13 /-</u>	2021217507	2017432235	<u>B65D 43 /-</u>	2022271392	2019276050
2021307380	<u>B27D 1 /-</u>	<u>B62D 17 /-</u>	2018415828	<u>C01D 3 /-</u>	<u>C07D 401 /-</u>
<u>B01D 53 /-</u>	2022275528	2023200138	<u>B65D 47 /-</u>	2018354413	2020400010
2019270505	<u>B27D 3 /-</u>	2023202932	2018326415	<u>C02F 1 /-</u>	2021219832
2020416767	2022275528	<u>B62D 27 /-</u>	2018415828	2018310998	2021254625
2021356436	<u>B29C 45 /-</u>	2018372558	<u>B65D 5 /-</u>		<u>C07D 403 /-</u>
<u>B01J 19 /-</u>	2018415828	<u>B62D 33 /-</u>	2018230357	<u>C02F 5 /-</u>	2020374844
2021304095	<u>B29C 64 /-</u>	2018372558	2018260918	2018310998	2021258089
<u>B01J 23 /-</u>	2018240839	<u>B62D 63 /-</u>	<u>B65D 51 /-</u>	<u>C04B 14 /-</u>	2021367713
2019344574	<u>B29L 31 /-</u>	2018372558	2018312186	2022211885	2021367714
<u>B01J 8 /-</u>	2018415828	<u>B63B 1 /-</u>	<u>B65D 6 /-</u>	<u>C04B 18 /-</u>	<u>C07D 405 /-</u>
2021304095	<u>B31B 50 /-</u>	2018330511	2018230357	2022211885	2021258089
<u>B01L 3 /-</u>	2018230357	<u>B63H 1 /-</u>	<u>B65D 8 /-</u>	<u>C04B 38 /-</u>	2021254625
2018369859	<u>B41F 15 /-</u>	2018330511	2018230357	2021282386	<u>C07D 413 /-</u>
<u>B03C 3 /-</u>	2020259816	<u>B63H 21 /-</u>	2021286497	<u>C04B 41 /-</u>	2020374844
2021277606		2018330511	<u>B65D 81 /-</u>	2020456046	2021219832
			2018260918		2021258089

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<u>C07D 487 I/-</u>		2021367116	2018379571	<u>E21B 17 I/-</u>	2019427497
2021219634	<u>C07K 7 I/-</u>				
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2023204660	2021274149	2021367116	2018379571	<u>E21B 27 I/-</u>	2018202357
<u>C07D 491 I/-</u>	<u>C08G 101 I/-</u>	<u>C11B 3 I/-</u>	<u>E03C 1 I/-</u>	2017388130	<u>F16J 1 I/-</u>
2021258089	2019236120	2021205085	2018206431	<u>E21B 29 I/-</u>	2018364933
	2021286316		2023208119		
<u>C07F 5 I/-</u>	<u>C08G 18 I/-</u>	<u>C11C 1 I/-</u>	<u>E03F 3 I/-</u>	2017388130	<u>F16K 11 I/-</u>
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	2021286316				
<u>C07F 9 I/-</u>	<u>C08G 63 I/-</u>	<u>C12M 1 I/-</u>	<u>E03F 5 I/-</u>	2017388130	<u>F16K 15 I/-</u>
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				2019319099	2021338355
<u>C07H 15 I/-</u>	<u>C08G 65 I/-</u>	<u>C12N 1 I/-</u>	<u>E04B 1 I/-</u>	<u>E21B 34 I/-</u>	<u>F16K 17 I/-</u>
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	2020458771	2021269323			2021419120
<u>C07J 19 I/-</u>		<u>C12N 15 I/-</u>	<u>E04B 2 I/-</u>	<u>E21B 43 I/-</u>	
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	2021213963	2017354027		<u>E21B 47 I/-</u>	2021338355
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	2019275192	2018295421	2018310753		
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2019312478	<u>C08K 3 I/-</u>	2019285083		2018248806	<u>F16K 37 I/-</u>
	2021213963	2020244399	<u>E04G 17 I/-</u>		
<u>C07J 41 I/-</u>	2021293105	2020251039	2018310753	<u>F01D 15 I/-</u>	2021338355
2019312478	<u>C08K 5 I/-</u>	2023233078	2019297200	2020306522	<u>F16L 11 I/-</u>
	2021293105	<u>C12N 5 I/-</u>	2023201053	<u>F03G 7 I/-</u>	2022202062
<u>C07J 43 I/-</u>		2016361451	<u>E04G 25 I/-</u>		
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	<u>C08L 23 I/-</u>	<u>C12N 7 I/-</u>	2019297200	<u>F04B 15 I/-</u>	2021297293
<u>C07J 5 I/-</u>		2018224044	<u>E04G 9 I/-</u>	2018386368	<u>F16L 3 I/-</u>
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	<u>C08L 51 I/-</u>	<u>C12P 7 I/-</u>	2023201053	<u>F04B 19 I/-</u>	2023208119
<u>C07J 9 I/-</u>	2021213963	2019344574	<u>E04H 12 I/-</u>	2018386368	<u>F16L 43 I/-</u>
2019312478	<u>C08L 63 I/-</u>	<u>C12Q 1 I/-</u>	2018205434	<u>F04B 37 I/-</u>	2023208119
<u>C07K 14 I/-</u>	2021213963	2017277631	<u>E04H 17 I/-</u>	2018386368	<u>F16L 55 I/-</u>
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2018283957		<u>C22B 3 I/-</u>	2020316325		
2018295421	<u>C09D 175 I/-</u>	2023222948	<u>E05F 1 I/-</u>	2021332210	<u>F16M 11 I/-</u>
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2020251039		2023222948	<u>E05F 15 I/-</u>		
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2019306217		2022203923		2019427497	<u>F24F 1 I/-</u>
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<u>C07K 19 I/-</u>					
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<u>F24F 11 /-</u>	2018217372 2018243536 2020264521	2023200639	<u>G06Q 40 /-</u>	<u>H01M 50 /-</u>	2020416492
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<u>F24F 13 /-</u>	<u>G01N 35 /-</u>	2019466416 2021330430	<u>G06T 17 /-</u>	<u>H01M 8 /-</u>	2019472104
2022271507	2018369859	<u>G06F 17 /-</u>	2019387281	2017378876 2021460215	<u>H04L 5 /-</u>
<u>F24F 3 /-</u>	<u>G01R 31 /-</u>	2019387281 2021251818	<u>G06T 7 /-</u>	<u>H01Q 1 /-</u>	2021219740
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2018258212	2022200417	2023200066	2019288483	2021210371 2022200274	2023200294
<u>F25D 23 /-</u>	<u>G01V 11 /-</u>	<u>G06F 9 /-</u>	<u>G08B 21 /-</u>	<u>H02J 3 /-</u>	<u>H04W 16 /-</u>
2020316325	2019387281	2020418595	2018348784	2020433062 2020473963 2021210371	2021302094
<u>F41A 27 /-</u>	<u>G01V 99 /-</u>	<u>G06K 19 /-</u>	<u>G08C 17 /-</u>	<u>H02J 7 /-</u>	<u>H04W 72 /-</u>
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<u>F41B 11 /-</u>	<u>G02B 21 /-</u>	<u>G06K 7 /-</u>	<u>G09F 3 /-</u>	<u>H02M 7 /-</u>	<u>H04W 74 /-</u>
2023203548	2020222103	2020456046 2022256194	2020456046	2020433062 2021417065	2018417507
<u>F42B 39 /-</u>	<u>G02B 30 /-</u>	<u>G06K 7 /-</u>	<u>G16Y 10 /-</u>	<u>H02P 27 /-</u>	<u>H04W 76 /-</u>
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<u>F42B 6 /-</u>	<u>G02F 1 /-</u>	<u>G06N 10 /-</u>	<u>G16Y 40 /-</u>	<u>H02P 5 /-</u>	<u>H04W 84 /-</u>
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<u>G01F 5 /-</u>	<u>G05B 1 /-</u>	<u>G06N 20 /-</u>	<u>H01F 1 /-</u>	2020447556	<u>H04W 88 /-</u>
2023201986	2018348784	2020474630 2022246433	<u>H01H 23 /-</u>	<u>H04B 1 /-</u>	2019256458
<u>G01G 19 /-</u>	<u>G05B 13 /-</u>	<u>G06N 3 /-</u>	2023202030	2019472104	<u>H05G 2 /-</u>
2019229422	2018348784	2020474630 202221389 2022348886	<u>H01H 3 /-</u>	<u>H04B 10 /-</u>	2018269056
<u>G01G 5 /-</u>	<u>G05B 15 /-</u>	<u>G06Q 10 /-</u>	2023202030	2018316346	<u>H05K 1 /-</u>
2019229360	2019288483	2022256194	<u>H01H 50 /-</u>	<u>H04B 3 /-</u>	2023200639
<u>G01N 21 /-</u>	<u>G05B 19 /-</u>	<u>G06Q 20 /-</u>	<u>H01H 9 /-</u>	2020447556	<u>H05K 3 /-</u>
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2017277631 2017331814					

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Certified Innovation Patents**Name Index**

(This list may contain multiple listings of a patent where there are multiple patentees for that patent.)

(71) Apple Inc.
(11) AU-B-2023100080
(21) 2023100080 (22) 11.09.2023
(54) User interfaces for viewing and refining the current location of an electronic device
(51) Int. Cl.
G06F 3/048 (2013.01)
G09G 5/373 (2006.01)
(45) 25.01.2024
(62) 2022100164
(72) Uzum Vella, Isil; Andrich, Brian J.; Apuy, Ryan Won-meng; Hajj, Usama M.; Sodervall, Erik G.; Figueroa, Hollie Renee; Li, Linghao; Johnson, Martin E.
(74) FPA Patent Attorneys Pty Ltd

(71) Jet Black Products Pty Ltd
(11) AU-B-2022100151
(21) 2022100151 (22) 28.10.2022
(54) DEVICES AND COMPUTER TECHNOLOGY CONFIGURED TO ENABLE ENHANCED SIMULATED BICYCLE ACTIVITIES, FOR USE WITH A STATIONARY TRAINING SYSTEM
(51) Int. Cl.
A63B 69/16 (2006.01)
A63B 22/06 (2006.01)
A63B 24/00 (2006.01)
G09B 9/058 (2006.01)
(45) 25.01.2024
(62) 2021107652
(72) Simmonds, Tony
(74) FORWARD INTELLECTUAL PROPERTY PTY LTD

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2023100080	Apple Inc.

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2023100080

Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Lodged

2021204787 **Pharmalink International Limited** (Pharmazen Limited)

Opposition under Section 104(4) - Lodged

2018231941 **Bus IP Holdings Pty Ltd** (Enduroco Pty Ltd)

Patents Granted**Standard Patents**

2016210770	2016348786	2016354440	2016365834
2016430607	2016434982	2017203452	2017219747
2017222026	2017227776	2017231845	2017234528
2017256517	2017268382	2017268631	2017284198
2017289304	2017295886	2017310258	2017327684
2017331340	2017337753	2017342262	2017346438
2017348369	2017352661	2017354899	2017355235
2017355375	2017361381	2017362344	2017363321
2017369741	2017378250	2017381865	2017397420
2017413263	2017425222	2017426891	2017433191
20177435338	2017443673	2017443695	2018200616
2018202186	2018202327	2018202726	2018203547
2018203596	2018205718	2018206475	2018206725
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2018214248	2018215714	2018217081	2018222356
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2018227711	2018229716	2018233109	2018234981
2018239257	2018240854	2018241940	2018242134
2018248738	2018250491	2018250802	2018251009
2018251617	2018256522	2018258842	2018258930
2018260535	2018264580	2018265584	2018277017
2018279078	2018282163	2018283781	2018283818
2018288256	2018288445	2018292272	2018292424
2018293037	2018293509	2018293549	2018293550
2018293625	2018294239	2018294559	2018294623
2018295561	2018297394	2018299914	2018300211
2018300215	2018301162	2018301281	2018304008
2018304297	2018304298	2018305148	2018306438
2018307307	2018309664	2018312815	2018313823
2018314171	2018314962	2018315235	2018315509
2018316225	2018318197	2018319529	2018320419
2018323065	2018327734	2018333297	2018341454
2018342995	2018345296	2018348713	2018355721
2018356538	2018360879	2018366747	2018375093
2018386167	2018386312	2018403506	2018440799
2019204107	2019207332	2019210129	2019212306
2019214347	2019216597	2019226718	2019231476
2019247533	2019250507	2019253187	2019253486
2019257260	2019260757	2019282560	2019289289
2019295438	2019300102	2019300410	2019301575
2019316263	2019350780	2019373373	2019377859
2019416349	2019431238	2019437767	2019440385
2019450376	2019453287	2019455916	2019455937
2019473368	2019474415	2019476320	2019479118
2020203889	2020226393	2020226864	2020233210
2020235034	2020235412	2020241222	2020241507
2020241843	2020247107	2020249785	2020251673
2020256365	2020256598	2020256609	2020258443
2020258915	2020262366	2020262424	2020266483
2020272530	2020274148	2020274407	2020274773
2020274987	2020282801	2020284371	2020287671
2020288770	2020288977	2020289456	2020294454
2020294577	2020299589	2020301629	2020308523
2020308605	2020309996	2020318643	2020319189

Patents Granted**Standard Patents**

2020319631	2020322423	2020323478	2020326435
2020328375	2020329459	2020329917	2020333841
2020338904	2020340558	2020350507	2020354107
2020362010	2020363503	2020364266	2020369165
2020369448	2020375514	2020380151	2020380641
2020381806	2020390732	2020390962	2020394624
2020394745	2020398384	2020404293	2020404878
2020406662	2020407211	2020412678	2020421070
2020421503	2020421572	2020427646	2020430939
2020431615	2020431826	2020436769	2020442003
2020444184	2020455722	2021200117	2021202176
2021202223	2021202627	2021202628	2021202950
2021203371	2021203840	2021204200	2021204314
2021204766	2021206016	2021209222	2021209276
2021213737	2021214831	2021215174	2021215228
2021215241	2021221860	2021221909	2021223231
2021225244	2021225572	2021226658	2021229255
2021232833	2021232843	2021235367	2021237392
2021244092	2021245164	2021245195	2021250718
2021250923	2021250955	2021250992	2021251058
2021254509	2021254514	2021254533	2021254632
2021254642	2021257937	2021258073	2021258077
2021258082	2021259814	2021261953	2021263900
2021266318	2021269281	2021269399	2021269415
2021269418	2021270863	2021273513	2021274269
2021274705	2021277578	2021277629	2021277705
2021282478	2021289742	2021301417	2021311338
2021311430	2021311598	2021336308	2021336957
2021353150	2021353490	2021395887	2021415575
2021416459	2022200098	2022200202	2022200244
2022200534	2022200696	2022200753	2022200912
2022200921	2022201195	2022201206	2022201400
2022201819	2022201872	2022201887	2022202058
2022202098	2022202183	2022202197	2022202353
2022202357	2022202464	2022202497	2022202568
2022202710	2022202880	2022202896	2022204578
2022204868	2022204916	2022209237	2022209256
2022211184	2022215264	2022215271	2022218486
2022218536	2022218577	2022218581	2022218608
2022229176	2022231791	2022235522	2022235622
2022242856	2022252799	2022256158	2022256175
2022283698	2022291643	2022348882	2022374191
2023200867	2023201235	2023203015	2023203942

Revocation

It is hereby notified that the offer by the Patentee **Arch Oncology, Inc.** to surrender Patent 2016324316 which was advertised in the Official Journal of 16.11.2023 has been accepted and the Patent has been revoked in accordance with Section 137 of the Patents Act.

It is hereby notified that the offer by the Patentee **Casne Verige Pty Ltd** to surrender Patent 2019204860 which was advertised in the Official Journal of 16.11.2023 has been accepted and the Patent has been revoked in accordance with Section 137 of the Patents Act.

Assignments Registered

2005252401 Sanofi Mature IP The patent has been assigned to **Euroapi France**

2006218384 Innovative Pallet Designs, Inc. The patent has been assigned to **Green Ox Pallet Technology, LLC**

2007204618 Darling, Samuel The patent has been assigned to **NO MO FOUNDATION**

2008200475 Mitsubishi Heavy Industries Engineering, Ltd. The patent has been assigned to **Mitsubishi Heavy Industries, Ltd.**

Assignments Registered

2008238146 Polysius AG The patent has been assigned to **thyssenkrupp Polysius GmbH**

2009291536 Janssen Biotech, Inc. The patent has been assigned to **XBiotech Inc.**

2009322062 FLSmidth A/S The patent has been assigned to **Koch Solutions GmbH**

2010269074 Capsular Technologies Pty Ltd The patent has been assigned to **Swinburne University of Technology**

2010302388 ENI S.p.A. The patent has been assigned to **Enivibes S.r.l.**

2011264541 CareFusion 2200 Inc. The patent has been assigned to **STERIS Corporation**

2011268229 Janssen Biotech, Inc. The patent has been assigned to **XBiotech Inc.**

2011293554 Janssen Biotech, Inc. The patent has been assigned to **XBiotech Inc.**

2011333753 IMNATE SARL The patent has been assigned to **Equaly S.A.**

2011333756 IMNATE SARL The patent has been assigned to **Equaly S.A.**

2012201835 Sanofi Mature IP The patent has been assigned to **Euroapi France**

2012215563 ThyssenKrupp Resource Technologies GmbH The patent has been assigned to **thyssenkrupp Polysius GmbH**

2012312225 Janssen Biotech, Inc. The patent has been assigned to **XBiotech Inc.**

2012336353 Ideal Implant Incorporated The patent has been assigned to **Paradigm Medical, LLC**

2013209309 Micronised Mineral Solutions Pty Ltd The patent has been assigned to **Tarrant Group Pty Ltd**

2013247478 ShawCor Ltd. The patent has been assigned to **2543500 Alberta Ltd**

2013280312 Design Pallets, Inc. The patent has been assigned to **Green Ox Pallet Technology, LLC**

2013327501 Janssen Biotech, Inc. The patent has been assigned to **XBiotech Inc.**

2014230973 FLSmidth A/S The patent has been assigned to **Koch Solutions GmbH**

2014286414 FLSmidth A/S The patent has been assigned to **Koch Solutions GmbH**

2014322638 ShortCutQ Ltd The patent has been assigned to **Tensator Group Ltd**

2014359362 SENSEBALL HOLDING The patent has been assigned to **eBrands Global Oy**

2014411001 FLSmidth A/S The patent has been assigned to **Koch Solutions GmbH**

2015201228 Janssen Biotech, Inc. The patent has been assigned to **XBiotech Inc.**

Assignments Registered

2015203524 Janssen Biotech, Inc. The patent has been assigned to **XBiotech Inc.**

2015217958 FLSmidth A/S The patent has been assigned to **Koch Solutions GmbH**

2015271978 Janssen Biotech, Inc. The patent has been assigned to **XBiotech Inc.**

2016259383 Design Pallets, Inc. The patent has been assigned to **Green Ox Pallet Technology, LLC**

2016361304 Boehringer Ingelheim Animal Health USA Inc. The patent has been assigned to **Boehringer Ingelheim Vetmedica GmbH**

2016394648 FLSmidth A/S The patent has been assigned to **Koch Solutions GmbH**

2017200039 Janssen Biotech, Inc. The patent has been assigned to **XBiotech Inc.**

2017222177 FLSmidth A/S The patent has been assigned to **Koch Solutions GmbH**

2017250005 Capsular Technologies Pty Ltd The patent has been assigned to **Swinburne University of Technology**

2018202592 Queensland University of Technology The patent has been assigned to **Earthodic Pty Ltd**

2018243114 Taipei Medical University The patent has been assigned to **Cytoarm Co., Ltd.**

2018248324 Second Genome, Inc. The patent has been assigned to **Genevive, Inc.**

2018250926 Imnate Sarl The patent has been assigned to **Equaly S.A.**

2019235398 FLSmidth A/S The patent has been assigned to **Koch Solutions GmbH**

2019294387 FLSmidth A/S The patent has been assigned to **Koch Solutions GmbH**

2020202775 FLSmidth A/S The patent has been assigned to **Koch Solutions GmbH**

2020396053 Owen, David The patent has been assigned to **Aida-care Pty Ltd**

2021251658 Datto, Inc. The patent has been assigned to **KASEYA US LLC**

2021400579 DATTO, INC. The patent has been assigned to **KA-SEYA US LLC**

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Accepted

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

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

2016305075 **Legend Biotech Ireland Limited**

The earliest first regulatory approval date provided by the patentee 06 Jun 2023

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Accepted

For the goods CARVYKTI T cells-Ciltacabtagene autoleucel, cryopreserved

Address for service : Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2017311089 **Legend Biotech Ireland Limited**

The earliest first regulatory approval date provided by the patentee 06 Jun 2023

For the goods CARVYKTI T cells-Ciltacabtagene autoleucel, cryopreserved

Address for service : Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2020200151 **LEGEND BIOTECH IRELAND LIMITED**

The earliest first regulatory approval date provided by the patentee 06 Jun 2023

For the goods CARVYKTI T cells-Ciltacabtagene autoleucel, cryopreserved

Address for service : Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2021200453 **LEGEND BIOTECH IRELAND LIMITED**

The earliest first regulatory approval date provided by the patentee 06 Jun 2023

For the goods CARVYKTI T cells-Ciltacabtagene autoleucel, cryopreserved

Address for service : Griffith Hack Level 15 376-390 Collins St MELBOURNE VIC 3000 AU

Corrigenda

In Vol 58 , No 1 , Page(s) 120 under the heading **Applications Accepted - Name Index** Under the name Atlas Elektronik GmbH; thyssenkrupp AG, Application No. 2021292366, under INID (71) correct the applicant name to ATLAS ELEKTRONIK GmbH; thyssenkrupp AG

In Vol 58 , No 1 , Page(s) 20 under the heading **Amendments - Application for Amendments** Under the name Hangzhou DAC Biotech Co., Ltd, Application No. 2019455069 correct the date of the statements filed to read 23 Nov 2023, 11 Dec 2023

In Vol 58 , No 3 , Page(s) 244 under the heading **Amendments - Application for Amendments** Under the name Barnet Products, LLC and Nikko Chemicals Company, Ltd., Application No. 2020407560 correct the date of the statements filed to read 16 Nov 2023 and 21 Dec 2023

Specifications Republished

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

2018255769 **Capartis AG**
2018350362 **Martin, T.**
2020308353 **Guangdong NewOpp Biopharmaceuticals Co., Ltd.**
2020456397 **ZTE Corporation**
2021203008 **LanzaTech NZ, Inc.**
2021243169 **Eagleburgmann Germany GmbH & Co. KG**
202222327 **UNITED KINGDOM RESEARCH AND INNOVATION**
2022222423 **SHAPERON INC.; SEOUL NATIONAL UNIVERSITY R&DB FOUNDATION**

Specifications Republished

2022222471 **ABDERA THERAPEUTICS INC.**
2022222994 **SHAPERON INC.; SEOUL NATIONAL UNIVERSITY R&DB FOUNDATION**
2022224335 **SHAPERON INC.; SEOUL NATIONAL UNIVERSITY R&DB FOUNDATION**
2022226407 **ABALOS THERAPEUTICS GMBH**
2022227003 **RIBOZ, LLC**
2022227761 **FRED HUTCHINSON CANCER CENTER**
2022228004 **MEDIBOSTON LIMITED**
2022230416 **HORIZON THERAPEUTICS IRELAND DAC**
2022231913 **MOLECULAR PARTNERS AG**
2022232943 **ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI**
2022233547 **GENMAB A/S; BIONTECH SE**
2022233737 **BIOSCEPTRE (AUST) PTY LTD**
2022233791 **MOLECULAR PARTNERS AG**
2022237382 **MODERNATX, INC.**
2022237556 **OPSIDIO, LLC**
2022237843 **TECHNISCHE UNIVERSITÄT DRESDEN; CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS); UNIVERSITÉ D'AIX-MARSEILLE; INSERM (INSTITUT NATIONAL DE LA SANTÉ ET DE LA RECHERCHE MÉDICALE)**
2022237901 **CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE; UNIVERSITE D'ORLEANS**
2022241935 **NOVIMMUNE S.A.**
2022242811 **THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL**
2022244191 **NYKODE THERAPEUTICS ASA; GENENTECH INC.**
2022245323 **GENENTECH, INC.**
2022246997 **ASCENDIS PHARMA A/S**
2022252244 **ARIZONA BOARD OF REGENTS ON BEHALF OF ARIZONA STATE UNIVERSITY**
2022253065 **AVIRMAX BIOPHARMA INC.**
2022253202 **LG CHEM, LTD.**
2022254646 **DANA-FARBER CANCER INSTITUTE, INC.**
2022265633 **MEDIMMUNE, LLC**
2022269877 **MOGRIFY LIMITED**
2022271265 **DECIBEL THERAPEUTICS, INC.**
2022274309 **UNIVERSITY OF COPENHAGEN**
2022276006 **BERKELEY FERMENTATION SCIENCE INC.**
2022277056 **AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH**
2022277263 **TIANJIN LIPOGEN TECHNOLOGY CO., LTD**
2022282057 **NEURACLE GENETICS INC.**
2022283895 **THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA**
2022284878 **TRANSLATE BIO, INC.**
2022286849 **ILLUMINA, INC.**
2022286947 **LYELL IMMUNOPHARMA, INC.**
2022287975 **MEMORIAL SLOAN-KETTERING CANCER CENTER; SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH; MEMORIAL HOSPITAL FOR CANCER AND ALLIED DISEASES; TRI-INSTITUTIONAL THERAPEUTICS DISCOVERY INSTITUTE, INC.**
2022288749 **BIONTECH CELL & GENE THERAPIES GMBH**
2022289491 **MEMORIAL SLOAN-KETTERING CANCER CENTER; SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH; MEMORIAL HOSPITAL FOR CANCER AND ALLIED DISEASES; TRI-INSTITUTIONAL THERAPEUTICS DISCOVERY INSTITUTE, INC.**
2022291872 **DYNO THERAPEUTICS, INC.**
2022293217 **KOREA ATOMIC ENERGY RESEARCH INSTITUTE; INDUSTRY ACADEMY COOPERATION FOUNDATION OF SEJONG UNIVERSITY**
2022293659 **ILLUMINA, INC.**
2022295136 **CS GENETICS LIMITED**
2022298331 **COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION**
2022298632 **ELI LILLY AND COMPANY**
2022301201 **KITE PHARMA, INC.**

Specifications Republished

2022301301	PIVOT BIO, INC.
2022311955	THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS
2022312494	VANDA PHARMACEUTICALS INC.
2022314738	DEBUT BIOTECHNOLOGY, INC.
2022317661	DANA-FARBER CANCER INSTITUTE, INC.
2022319873	ELSOMS DEVELOPMENTS LIMITED
2022327172	THE TRUSTEES OF INDIANA UNIVERSITY
2022341555	UNIVERSITÄT BASEL