



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

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General Information

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or contact our Customer Service Network on 1300651010*

Editorial enquiries

Contact information

Freedom of Information ACT

Professional Standards Board

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Requests for Information under Section 194 (c)

Country Codes

Trade Mark and Designs Hearing Sessions

INID (Internationally agreed Numbers for the Identification of Data)

GUIDE TO THE USE OF THIS JOURNAL

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

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

(i) FILING -

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

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

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

(iii) ACCEPTANCE –

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

(iv) OPPOSITION –

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

(v) GRANTING –

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

(vi) CERTIFICATION

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

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

How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

How Australian Patent Documents are Numbered

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

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

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

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

See Examples:

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

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

For each of the categories

(i) Provisional Applications Filed, (ii)

Complete Applications Filed, (iii)

Applications Open to Public Inspection

(iv) Applications Accepted, and (v)

Innovation Patent Certified.

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

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

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

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

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

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

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

<u>ITEM</u>	<u>INID</u> <u>No.</u>
E) Patents Certified – Name Index	
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 15 Oct 2024 .

(71) Abra Aluminium Pty Ltd (21) 2024903348 (22) 17.10.2024 (54) Energy conversion apparatus	(71) Atomo Diagnostics Limited (21) 2024903357 (22) 17.10.2024 (54) SWAB BASED TEST DEVICE	(71) barratt, m. (21) 2024903361 (22) 17.10.2024 (54) Mobile phone lock box for cars
(71) Acutrode IP Pty Ltd (21) 2024903387 (22) 20.10.2024 (54) NEEDLE-BASED METHOD AND APPARATUS	Audeh, R. see Audeh, S. (21) 2024903405	(71) Barton, G. (21) 2024903342 (22) 17.10.2024 (54) The process of installing PVC downpipe droppers from outlet
(71) Aerion Technologies Pty Ltd. (21) 2024903372 (22) 18.10.2024 (54) HETEROCHRONOUS INNOVATION SYSTEM AND METHOD THEREOF	(71) Audeh, S.; Audeh, R. (21) 2024903405 (22) 22.10.2024 (54) Herbal mixtures, methods of making them and methods using them	(71) Biobase Future Pty Ltd (21) 2024903362 (22) 17.10.2024 (54) PROCESSES AND CATALYSTS FOR PRODUCTION OF 5-HYDROXY-METHYLFURFURAL
(71) Aged Care Specialists (21) 2024903391 (22) 21.10.2024 (54) Retirement Living Specialist Adviser Modelling Solutions	Audeh, R. see Audeh, S. (21) 2024903406	(71) BIO CONCEPTS PTY. LTD. (21) 2024903355 (22) 17.10.2024 (54) A CLINICAL PATHOLOGY REPORTING SYSTEM AND METHOD
(71) AgResearch Limited (21) 2024903389 (22) 21.10.2024 (54) MICROALGAL OIL EMULSIONS AND USES THEREOF	(71) Audeh, S.; Audeh, R. (21) 2024903406 (22) 22.10.2024 (54) Herbal mixtures	(71) Biometry Solutions Pty Limited (21) 2024903373 (22) 18.10.2024 (54) System and Method for Deepfake Detection
(71) Algenie Pty Ltd (21) 2024903427 (22) 22.10.2024 (54) Method and apparatus for forming an extrusion	(71) Australian National University (21) 2024903363 (22) 18.10.2024 (54) Proteins and uses thereof	(71) Bredie Pty Ltd (21) 2024903380 (22) 18.10.2024 (54) An interchangeable wall mounting system for bathroom accessories
(71) ALX Consulting Pty Ltd (21) 2024903347 (22) 17.10.2024 (54) LEATHER BALL	(71) Australian National University (21) 2024903366 (22) 18.10.2024 (54) Proteins and uses thereof - II	(71) BRITEC INNOVATIVE PRODUCTS PTY LTD (21) 2024903369 (22) 18.10.2024 (54) A Two Tier Appliance Stand
(71) Arnold, J. (21) 2024903422 (22) 22.10.2024 (54) Internal Duvet Corner Securement System	(71) Australis Plasma Pty Ltd (21) 2024903352 (22) 17.10.2024 (54) Device utilizing virtual cathode formation for plasma confinement and heating	(71) Bushwakka Pty Ltd (21) 2024903379 (22) 18.10.2024 (54) AN AWNING ASSEMBLY
	(71) AxxS IP Pty Ltd (21) 2024903353 (22) 17.10.2024 (54) Security system	
	(71) BaiClo Pty Ltd (21) 2024903414 (22) 22.10.2024 (54) Asymmetrically Focussed Acupressure Appliance	

Provisional Applications Filed - Name Index cont'd

(71) butterworth, j.
(21) 2024903384 (22) 19.10.2024
(54) concrete sleeper structural support plate

(71) Chandler, W.
(21) 2024903381 (22) 18.10.2024
(54) Dog ball launcher and water bowl combination

(71) CIRCULR RESEARCH PTY LTD
(21) 2024903346 (22) 17.10.2024
(54) RESEALABLE PACKAGING FOR A FLOWABLE SUBSTANCE

(71) Commonwealth Scientific and Industrial Research Organisation; Royal Melbourne Institute of Technology; The University of Melbourne
(21) 2024903360 (22) 17.10.2024
(54) A photo-electric device

(71) Corlette, S.
(21) 2024903382 (22) 19.10.2024
(54) ELECTRODE MOUNTS

(71) Danbar Holdings Pty Ltd
(21) 2024903370 (22) 18.10.2024
(54) Garments for babies

(71) Deakin University
(21) 2024903393 (22) 21.10.2024
(54) Silicone recovery from solar panels and potential production of nanoparticle-hybrids

(71) Delica Therapeutics Pty Ltd
(21) 2024903376 (22) 18.10.2024
(54) Prenylated flavone compounds

(71) Engenius Software Pty Ltd
(21) 2024903371 (22) 18.10.2024
(54) Retention system

(71) Envision Sciences Pty Ltd
(21) 2024903356 (22) 17.10.2024
(54) METHODS FOR DETECTING OVARIAN CANCER

(71) Envision Sciences Pty Ltd
(21) 2024903409 (22) 22.10.2024
(54) Antigen-binding Molecules and Uses Thereof

(71) Eudaemon Technologies Pty Ltd
(21) 2024903408 (22) 22.10.2024
(54) METHOD FOR IMPROVING THE PROPERTIES OF A HYDROGEL

(71) Eudaemon Technologies Pty Ltd
(21) 2024903410 (22) 22.10.2024
(54) Modified Hydrogels

Fasullo, S. see Fasullo, J.
(21) 2024903383

(71) Fasullo, J.; Fasullo, S.
(21) 2024903383 (22) 19.10.2024
(54) A DEVICE ADAPTED FOR GRASPING AND SECURING A CABLE

(71) Faucet Australia Pty Ltd
(21) 2024903336 (22) 16.10.2024
(54) Drain Apparatus

(71) FONTERRA CO-OPERATIVE GROUP LIMITED
(21) 2024903324 (22) 15.10.2024
(54) APPARATUS AND METHOD FOR DE-COMPOSING GAS

(71) Gardner, A.
(21) 2024903411 (22) 22.10.2024
(54) Electromagnetic reuse system.

(71) Genesis 300 LP
(21) 2024903365 (22) 18.10.2024
(54) A Modular Rifle

(71) Gibson, B.
(21) 2024903338 (22) 16.10.2024
(54) Acoustic cavitation to dehydrogenate ammonia for production of hydrogen

(71) Glass Outlet IP Pty Ltd
(21) 2024903343 (22) 17.10.2024
(54) Electrically Isolated Spigot and Method Thereof

GORDON, A. see LEAFT FOODS IP LIMITED
(21) 2024903375

(71) Greenroom Robotics Pty Ltd
(21) 2024903368 (22) 18.10.2024
(54) Systems and methods for maritime object detection

Griffith University see Royal Melbourne Institute of Technology
(21) 2024903426

(71) Hawkes Bay Nominees Limited
(21) 2024903394 (22) 21.10.2024
(54) Method and system for distilling an alcoholic mixture

(71) HENDEK, R.
(21) 2024903397 (22) 21.10.2024
(54) DISHWARE

(71) Hollis Industries Pty Ltd
(21) 2024903350 (22) 17.10.2024
(54) Pump and associated tank for underground mine

(71) Hydric Desalination Pty Ltd
(21) 2024903390 (22) 21.10.2024
(54) Suppression of iron powder oxidation

(71) Infensa Bioscience Pty Ltd
(21) 2024903337 (22) 16.10.2024
(54) Inhibitors and uses therefor

(71) IP Reserve Pty Ltd
(21) 2024903334 (22) 16.10.2024
(54) A PALLET

(71) JPI PTY LTD
(21) 2024903358 (22) 17.10.2024
(54) Wetsuit, Life Jacket and Wetsuit Jacket

(71) K F GROUP PTY LTD
(21) 2024903417 (22) 22.10.2024
(54) Industrial Part with Wear Monitoring

(71) Khan, N.
(21) 2024903344 (22) 17.10.2024
(54) Method and System for Purchasing Travel Tickets and/or Accommodation

(71) Lavecky, L.
(21) 2024903378 (22) 18.10.2024
(54) SYSTEM AND METHOD FOR SEMANTIC MATCHING OF UNSTRUCTURED MULTI-MODAL DOCUMENTS AND INFORMATION WITH INTERNAL SYSTEM INFORMATION

(71) LEAFT FOODS IP LIMITED; MILNE, R.; RAQUEL SALVADOR GAL-LEGO; PAIGE HANSEN; MUSCROFT-TAYLOR, A.; GORDON, A.
(21) 2024903375 (22) 18.10.2024
(54) PROCESS FOR PRODUCING A PROTEIN PRODUCT, AND A PROTEIN PRODUCT

(71) LIU, J.
(21) 2024903335 (22) 16.10.2024
(54) PROCESS FOR MANUFACTURING LIGNOHUMATE SOIL/PLANT IMPROVER FROM HUMIC SUBSTANCES

Provisional Applications Filed - Name Index cont'd

(71) Longo, D.; Prosia, J.; Turko, L.
(21) 2024903396 (22) 21.10.2024
(54) Fire sprinkler systems and methods

(71) Macsi, N.
(21) 2024903431 (22) 22.10.2024
(54) Animal Restraint

(71) Mason, S.
(21) 2024903354 (22) 17.10.2024
(54) Multimodal method and device for biometric authentication of identity

(71) Mason, S.
(21) 2024903359 (22) 17.10.2024
(54) Illumination Method and Device for Inhibition of Myopia in Humans

(71) McNamee, D.
(21) 2024903327 (22) 15.10.2024
(54) Floating Clean 24/7 Base-Load Energy Production

(71) McSnook Pty Ltd
(21) 2024903415 (22) 22.10.2024
(54) A plug for a bath

(71) Miller, P.
(21) 2024903388 (22) 20.10.2024
(54) A Device to Prevent Wildlife from Accessing Household Kerbside Bins

MILNE, R. see LEAFT FOODS IP LIMITED
(21) 2024903375

(71) Modern Piping Pty Ltd
(21) 2024903341 (22) 16.10.2024
(54) Moisture Control Reed Seat

MUSCROFT-TAYLOR, A. see LEAFT FOODS IP LIMITED
(21) 2024903375

(71) NAVI MEDICAL TECHNOLOGIES PTY LTD
(21) 2024903345 (22) 17.10.2024
(54) METHOD AND SYSTEM FOR LOCATING INTRABODY MEDICAL DEVICES

(71) Nova Eye, Inc.
(21) 2024903377 (22) 18.10.2024
(54) IMPROVED METHOD AND APPARATUS FOR PERFORMING GLAUCOMA TREATMENT

(71) Opal Packaging Australia Pty Ltd
(21) 2024903403 (22) 21.10.2024
(54) PACKAGING FOR A MOISTURE-CONTAINING PRODUCT

(71) Paciocco, C.
(21) 2024903424 (22) 22.10.2024
(54) A Light Guard Protector & mounting bracket for vehicle Lights.

PAIGE HANSEN see LEAFT FOODS IP LIMITED
(21) 2024903375

Parke, G. see RPM Automotive Group Ltd
(21) 2024903367

Pavlidis, S. see Pavlidis, S.
(21) 2024903339

(71) Pavlidis, S.; Pavlidis, S.
(21) 2024903339 (22) 16.10.2024
(54) Head-mounted wearable ear canal drying device

(71) Philp, D.
(21) 2024903402 (22) 21.10.2024
(54) Passive Therapeutic Device for the Treatment of Laminitis

(71) Pinksterboer, G.
(21) 2024903398 (22) 21.10.2024
(54) Modular Survey Peg

(71) Powertech Pty Ltd
(21) 2024903395 (22) 21.10.2024
(54) Ad hoc electric vehicle charging assembly and network

Prosia, J. see Longo, D.
(21) 2024903396

(71) PYC Therapeutics Limited
(21) 2024903392 (22) 21.10.2024
(54) Agents for treatment of optic conditions

(71) Queensland University of Technology
(21) 2024903374 (22) 18.10.2024
(54) Thermoelectric devices and methods for their production

RAQUEL SALVADOR GALLEGO see LEAFT FOODS IP LIMITED
(21) 2024903375

(71) Resero IP Limited
(21) 2024903351 (22) 17.10.2024
(54) A Mechanism for the Backrest of a Chair

(71) ResMed Asia Pte. Ltd.
(21) 2024903416 (22) 22.10.2024
(54) HEADGEAR FOR PATIENT INTERFACES

(71) ResMed Pty Ltd
(21) 2024903349 (22) 17.10.2024
(54) HEAT AND MOISTURE EXCHANGER

(71) ResMed Pty Ltd
(21) 2024903407 (22) 22.10.2024
(54) CUSHION MODULE WITH SPRING CLIP PORTION

(71) Rig Pty Ltd
(21) 2024903430 (22) 22.10.2024
(54) CHAIR WITH ARM ASSEMBLY AND TRIGGER MECHANISM

Royal Melbourne Institute of Technology see Commonwealth Scientific and Industrial Research Organisation
(21) 2024903360

(71) Royal Melbourne Institute of Technology; Griffith University
(21) 2024903426 (22) 22.10.2024
(54) METHOD FOR DETECTING A TARGET NUCLEIC ACID

(71) RPM Automotive Group Ltd; Parke, G.
(21) 2024903367 (22) 18.10.2024
(54) A protective barrier

(71) Setonix Pharmaceuticals Pty Ltd
(21) 2024903332 (22) 16.10.2024
(54) PPARG modulators

(71) Setonix Pharmaceuticals Pty Ltd
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(54) PPARG modulators

(71) Sevas Water Pty Ltd
(21) 2024903400 (22) 21.10.2024
(54) Portable tank with catchment zone

(71) Signature Orthopaedics Pty Ltd
(21) 2024903399 (22) 21.10.2024
(54) Knee Implant with Braking and Biasing Mechanisms for Controlled Joint Stability

(71) Sleeping Duck Pty Ltd
(21) 2024903401 (22) 21.10.2024
(54) BED FITTING SYSTEM AND METHOD

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(71) Slime It Up; Stamos, A.
(21) 2024903340 (22) 16.10.2024
(54) Slime Vending Machine dispensing
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(21) 2024903340

(71) Suessenbach, H.
(21) 2024903413 (22) 22.10.2024
(54) Roof gutter cleaner

(71) Tessara Therapeutics Pty Ltd
(21) 2024903364 (22) 18.10.2024
(54) Improved cellularised hydrogel compos-
itions and related methods

(71) The Dipstick Company Pty Ltd
(21) 2024903331 (22) 16.10.2024
(54) Blast hole characterisation system and
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(21) 2024903360

(71) The University of Queensland
(21) 2024903328 (22) 15.10.2024
(54) Methods for Treatment of Neurological
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(71) Trade Accessories Distribution Pty Ltd
(21) 2024903330 (22) 16.10.2024
(54) PORTABLE PAINT SPRAYING SYS-
TEM WITH DUAL PISTON-DRIVEN
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(21) 2024903396

(71) Turmtech Australia Pty Ltd
(21) 2024903404 (22) 21.10.2024
(54) Pillport - Mobile Pharmacy Solution

(71) UGARKOVIC, J.
(21) 2024903386 (22) 20.10.2024
(54) Vent for roof cavity

(71) Wayfinder Corporate Pty Ltd
(21) 2024903385 (22) 20.10.2024
(54) WayGBT

(71) Western Sydney Local Health District
(21) 2024903412 (22) 22.10.2024
(54) Systems, methods and computer read-
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Applications listed below were processed through the Patent Office Canberra during the period ending 15 Oct 2024 .

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

(71) 3D At Depth, Inc. (21) 2024227451 (22) 18.10.2024 (54) UNDERWATER OPTICAL METRO- LOGY SYSTEM	(71) Angel Group Co., Ltd. (21) 2024227491 (22) 21.10.2024 (54) GAMING ACTIVITY MONITORING SYSTEMS AND METHODS	(71) Betterview Marketplace, Inc. (21) 2024227450 (22) 18.10.2024 (54) Image analysis systems and methods for determining building footprint
(71) AbbVie Inc. (21) 2024227468 (22) 18.10.2024 (54) Methods of treatment of diseases in which IL-13 activity is detrimental using anti-IL-13 antibodies	(71) Angel Group Co., Ltd. (21) 2024227492 (22) 21.10.2024 (54) GAMING ACTIVITY MONITORING SYSTEMS AND METHODS	(71) Boston Scientific Scimed, Inc. (21) 2024227475 (22) 18.10.2024 (54) Stents and methods for use and man- ufacture of stents with improved reten- tion members
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(71) ABUS August Bremicker Söhne KG (21) 2024227362 (22) 16.10.2024 (54) PORTABLE HOOP LOCK	(71) Apple Inc. (21) 2024227389 (22) 16.10.2024 (54) Wireless power system with communic- ations	(71) Calico Life Sciences LLC; AbbVie Inc. (21) 2024227527 (22) 22.10.2024 (54) Modulators of the integrated stress pathway
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(71) CHENG, W.
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(54) FULL-BRIDGE INVERTER DEVICE

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(71) Commonwealth Scientific and Industrial Research Organisation
(21) 2024227369 (22) 16.10.2024
(54) Expression of nitrogenase polypeptides in plant cells

(71) Connected Innovations Limited
(21) 2024227472 (22) 18.10.2024
(54) Electrical safety device and system

(71) Cool Fryer Co., Ltd.
(21) 2024227449 (22) 18.10.2024
(54) Fryer

(71) Cosno (WA) Pty Ltd; Monson, R.
(21) 2024227488 (22) 19.10.2024
(54) Inferencing Learning and Utilisation System and Method

(71) CVTech-IBC inc.
(21) 2024227417 (22) 17.10.2024
(54) Scissor-ramp mechanism for a continuously variable transmission

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(21) 2024227431

(71) D'Amico Jr., F.J.; D'Amico, B.M.
(21) 2024227431 (22) 17.10.2024
(54) TERMITE REPELLENT AND WOOD PROTECTOR

(71) DEEPMIND TECHNOLOGIES LIMITED
(21) 2024227407 (22) 17.10.2024
(54) MULTIMODAL FEW-SHOT LEARNING WITH FROZEN LANGUAGE MODELS

(71) Demandware Inc.
(21) 2024227458 (22) 18.10.2024
(54) Scalable systems and methods for generating and serving recommendations

(71) DENTROID PTY LTD
(21) 2024227520 (22) 22.10.2024
(54) INSTRUMENTS AND CORRESPONDING PROCEDURAL METHODS FOR PERFORMING PHOTOBIO-MODULATION THERAPY

(71) Differential Engineering Inc.
(21) 2024227436 (22) 17.10.2024

(54) Systems and methods for improvement of metal recovery and stability of piles

(71) Digital Diagnostics Inc.
(21) 2024227375 (22) 16.10.2024
(54) Using a set of machine learning diagnostic models to determine a diagnosis based on a skin tone of a patient

(71) Dolby International AB
(21) 2024227387 (22) 16.10.2024
(54) Integration of high frequency audio reconstruction techniques

(71) Dolby International AB
(21) 2024227418 (22) 17.10.2024
(54) Decoding audio bitstreams with enhanced spectral band replication metadata in at least one fill element

(71) Dolby International AB
(21) 2024227419 (22) 17.10.2024
(54) Backward-compatible integration of harmonic transposer for high frequency reconstruction of audio signals

(71) Dolby International AB
(21) 2024227470 (22) 18.10.2024
(54) Method and device for applying dynamic range compression to a higher order ambisonics signal

(71) Dometic Sweden AB
(21) 2024227368 (22) 16.10.2024
(54) Air distribution apparatus

(71) Dong, H.
(21) 2024227489 (22) 20.10.2024
(54) TILE-CLAD PLINTH USING OMEGA-SECTION TILE-SECURING FENCE RAIL

(71) Dorel Australia Pty Ltd
(21) 2024227530 (22) 22.10.2024
(54) Child restraint with harness adjustment

(71) Dorel Australia Pty Ltd
(21) 2024227531 (22) 22.10.2024
(54) Vehicular child restraint

(71) Douglas Pharmaceuticals Ltd.
(21) 2024227388 (22) 16.10.2024
(54) Extended Release Pharmaceutical Formulation

(71) Dynamics G-Ex Pty Ltd
(21) 2024227359 (22) 15.10.2024
(54) MINERAL SAMPLE COLLECTION TOOL AND METHOD

(71) Encore Medical, L.P. (d/b/a DJO Surgical)
(21) 2024227524 (22) 22.10.2024
(54) Glensphere with inserts for augmented fixation and related methods

(71) Endeavour Veterinary Ecology
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(71) EXEL INDUSTRIES
(21) 2024227399 (22) 17.10.2024
(54) Multiple nozzle holder for agricultural spray system

(71) Faircloth, D.; Gothard, G.
(21) 2024227364 (22) 16.10.2024
(54) Thermal protection system integrated antenna

(71) Fastbrick IP Pty Ltd
(21) 2024227452 (22) 18.10.2024
(54) Robot arm kinematics for end effector control

(71) Feed Research Institute, Chinese Academy of Agricultural Sciences
(21) 2024227477 (22) 18.10.2024
(54) Application of HIF1a protein as a biomarker in the screening safe hepatic lipid-lowering feed additive

(71) FISHER & PAYKEL HEALTHCARE LIMITED
(21) 2024227386 (22) 16.10.2024
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(71) Football Training Technology Pty Ltd
(21) 2024227429 (22) 17.10.2024
(54) A Sports Training System

(71) Frank's International, LLC
(21) 2024227361 (22) 16.10.2024
(54) Shearable Lock Mechanism For Storm Packer Anchor

(71) Galvanize Therapeutics, Inc.
(21) 2024227512 (22) 21.10.2024
(54) METHODS, APPARATUSES, AND SYSTEMS FOR THE TREATMENT OF DISEASE STATES AND DISORDERS

(71) GEN-Y CREATIONS, LLC
(21) 2024227372 (22) 16.10.2024

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(54) HITCH AND METHOD OF MANUFACTURE

(71) Gilead Sciences, Inc.
(21) 2024227402 (22) 17.10.2024
(54) Antiviral compounds

(71) Gilead Sciences, Inc.
(21) 2024227525 (22) 22.10.2024
(54) Capsid inhibitors for the treatment of HIV

(71) Globberide, Inc.
(21) 2024227510 (22) 21.10.2024
(54) FISHING REEL

(71) Google LLC
(21) 2024227513 (22) 21.10.2024
(54) BAYESIAN QUANTUM CIRCUIT FIDELITY ESTIMATION

(71) GOOGLE LLC
(21) 2024227377 (22) 16.10.2024
(54) VIRTUAL DISTILLATION FOR QUANTUM ERROR MITIGATION

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(21) 2024227364

(71) Heraeus Medical GmbH
(21) 2024227490 (22) 20.10.2024
(54) APPARATUS FOR PRESSING OUT BONE CEMENT, USE AND SYSTEM

(71) HONEYWELL INTERNATIONAL INC.
(21) 2024227380 (22) 16.10.2024
(54) SYSTEM AND METHOD OF BULLDOZER SIX-WAY BLADE SWING ANGLE ESTIMATION

(71) HONEYWELL INTERNATIONAL INC.
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(54) SIX-WAY BLADE ORIENTATION DETERMINATION FROM LIFTING MOVEMENT

(71) HONEYWELL INTERNATIONAL INC.
(21) 2024227466 (22) 18.10.2024
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(71) Honor Systems LLC
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(54) SOFTWARE UPDATER

(71) Howmedica Osteonics Corp.
(21) 2024227476 (22) 18.10.2024

(54) Virtual guidance for orthopedic surgical procedures

(71) IGT
(21) 2024227478 (22) 18.10.2024
(54) System and method for transferring funds from a financial institution device to a cashless wagering account accessible via a mobile device

(71) IGT
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(54) Gaming System Player Identification Device

(71) Illumina, Inc.; Illumina Cambridge Limited
(21) 2024227397 (22) 17.10.2024
(54) Tagmentation using immobilized transposomes with linkers

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(54) Fenitrothion formulation

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(21) 2024227381

(71) Infray Technologies Co., Ltd.
(21) 2024227374 (22) 16.10.2024
(54) Infrared Thermal Imaging Device and Built-In Range-Finding Infrared Camera Lens thereof

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(71) Instrumentation Laboratory Company
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(54) STABILIZING OXYGEN IN A COMPOSITION

(71) Instrumentation Laboratory Company
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(54) Solid-State Reference Electrode

(71) Integrity Security Services LLC
(21) 2024227412 (22) 17.10.2024
(54) Systems, methods, and devices for provisioning and processing geolocation information for computerized devices

(71) INTERCONTINENTAL GREAT BRANDS LLC
(21) 2024227456 (22) 18.10.2024
(54) Unwrapped hard candy product; isomalt confectionery; method of making and use thereof

(71) I-sens, Inc.
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(54) ELECTRONIC APPARATUS AND METHOD OF CONTROLLING THE SAME

(71) Israel Atomic Energy Commission Nuclear Research Center - NEGEV
(21) 2024227484 (22) 18.10.2024
(54) Similarity Search Engine For A Digital Visual Object

(71) Janssen Pharmaceutica NV
(21) 2024227438 (22) 17.10.2024
(54) Esketamine for the treatment of depression

(71) Joy Global Surface Mining Inc
(21) 2024227526 (22) 22.10.2024
(54) Lubrication system for a compressor

(71) Komatsu Ltd.
(21) 2024227473 (22) 18.10.2024
(54) Construction management device, construction management system, and construction management method

(71) Landis+Gyr Technology, Inc.
(21) 2024227398 (22) 17.10.2024
(54) Information element to indicate loss of backhaul connection

(71) LG CHEM, LTD.
(21) 2024227367 (22) 16.10.2024
(54) STABLE ORAL FORMULATION CONTAINING 1-(3-CYANO-1-ISOPROPYL-INDOL-5-YL)PYRAZOLE-4-CARBOXYLIC ACID

(71) LG Electronics Inc.
(21) 2024227416 (22) 17.10.2024
(54) CLOTHING TREATMENT APPARATUS

(71) LG Electronics Inc.
(21) 2024227420 (22) 17.10.2024
(54) Dryer

(71) LG Electronics Inc.
(21) 2024227422 (22) 17.10.2024
(54) Dryer

(71) LG Electronics Inc.
(21) 2024227423 (22) 17.10.2024

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(54) Dryer

(71) LG Electronics Inc.
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(54) Dryer

(71) LG Electronics Inc.
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(54) Dryer

(71) LG Electronics Inc.
(21) 2024227426 (22) 17.10.2024
(54) Dryer

(71) LINEAGE LOGISTICS, LLC
(21) 2024227406 (22) 17.10.2024
(54) AUTOMATED BLAST CELL LOADING AND UNLOADING

(71) LumanLab Inc.
(21) 2024227516 (22) 22.10.2024
(54) APPARATUS AND METHOD FOR DIAGNOSING DEVELOPMENTAL DISORDERS

(71) Luther, M.
(21) 2024227462 (22) 18.10.2024
(54) A RECIPROCATING PANEL FOR CAPILLARY HYDRONIC MATS

(71) Macsim Fastenings Pty Limited
(21) 2024227514 (22) 21.10.2024
(54) Deck Spacers

(71) MAKO Surgical Corp.
(21) 2024227455 (22) 18.10.2024
(54) System and method for manipulating an anatomy

(71) MAKO Surgical Corp.
(21) 2024227521 (22) 22.10.2024
(54) System, method and software program for aiding in positioning of a camera relative to objects in a surgical environment

(71) Mallinckrodt Pharmaceuticals Ireland Limited
(21) 2024227405 (22) 17.10.2024
(54) APPARATUS AND METHOD FOR FILTERING LIQUID PARTICLES FROM INSPIRATORY GAS FLOW OF A PATIENT BREATHING CIRCUIT AFFILIATED WITH A VENTILATOR AND/OR NITRIC OXIDE DELIVERY SYSTEM

(71) Marinhub AS
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(54) OFFSHORE ANCHORING METHODS AND SYSTEMS

(71) Marinus Pharmaceuticals, Inc.
(21) 2024227357 (22) 15.10.2024
(54) Ganaxolone For Use In Treating Genetic Epileptic Disorders

(71) Medtronic, Inc.
(21) 2024227459 (22) 18.10.2024
(54) ECAP based control of electrical stimulation therapy

(71) MeiraGTx UK II Limited
(21) 2024227437 (22) 17.10.2024
(54) Regulation of gene expression by aptamer-mediated modulation of alternative splicing

(71) Melbourne Health; Clearb Therapeutics Ltd.
(21) 2024227453 (22) 18.10.2024
(54) Methods and compositions for the treatment of hepatitis b infection

(71) Merck Patent GmbH
(21) 2024227421 (22) 17.10.2024
(54) Cladribine regimen for use in treating progressive forms of multiple sclerosis

(71) Merck Sharp & Dohme B.V.; Merck Sharp & Dohme LLC
(21) 2024227495 (22) 21.10.2024
(54) Anti-CD27 antibodies

Merck Sharp & Dohme LLC see Merck Sharp & Dohme B.V.
(21) 2024227495

(71) MiTek Holdings, Inc.
(21) 2024227444 (22) 18.10.2024
(54) ANCHOR FOR A CONCRETE FLOOR

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(21) 2024227488

(71) MUSC Foundation For Research Development
(21) 2024227370 (22) 16.10.2024
(54) Noninvasive cranial nerve therapy

(71) Myriad Genetics, Inc
(21) 2024227496 (22) 21.10.2024
(54) CANCER BIOMARKERS

(71) Nephron Pharmaceuticals Corporation
(21) 2024227441 (22) 17.10.2024
(54) AQUEOUS NEBULIZATION COMPOSITION

(71) Nevro Corp.
(21) 2024227486 (22) 19.10.2024
(54) SELECTIVE HIGH FREQUENCY SPINAL CORD MODULATION FOR INHIBITING PAIN WITH REDUCED SIDE EFFECTS, AND ASSOCIATED SYSTEMS AND METHODS

(71) Niu Power Australia Pty Ltd
(21) 2024227474 (22) 18.10.2024
(54) PHOTOVOLTAIC SYSTEM CONNECTION CABLE

(71) O'Brien, B.
(21) 2024227505 (22) 21.10.2024
(54) Computerized network system for initiating, facilitating, auditing, and managing communications and documents involving professional expertise

(71) O'Connor, R.
(21) 2024227379 (22) 16.10.2024
(54) A PILE PROTECTION SYSTEM

(71) Omega Ophthalmics LLC
(21) 2024227391 (22) 16.10.2024
(54) Prosthetic capsular devices, systems, and methods

(71) OptiBiotix Limited
(21) 2024227413 (22) 17.10.2024
(54) Prebiotic Compositions and Methods of Production Thereof

(71) Opti-Harvest, Inc.
(21) 2024227460 (22) 18.10.2024
(54) Methods and devices for stimulating growth of grape vines, grape vine plants or agricultural crops

(71) Opti-Harvest, Inc.
(21) 2024227485 (22) 19.10.2024
(54) Methods and devices for stimulating growth of grape vines, grape vine plants or agricultural crops

(71) Pittman Products International, Inc.
(21) 2024227487 (22) 19.10.2024
(54) Truck Bed Mounted Tent

(71) PlusAI, Inc.
(21) 2024227345 (22) 15.10.2024
(54) Automatic event capturing for autonomous vehicle driving

(71) PlusAI, Inc.
(21) 2024227346 (22) 15.10.2024
(54) Motion planning for autonomous vehicle driving using vehicle-to-infrastructure communication

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(71) PlusAI, Inc.
(21) 2024227347 (22) 15.10.2024
(54) Improved steering lateral precision control combining infrastructure and vehicle intelligence

(71) PlusAI, Inc.
(21) 2024227348 (22) 15.10.2024
(54) Centralized prediction and planning for improving lane platooning and intersection vehicle behavior

(71) PlusAI, Inc.
(21) 2024227350 (22) 15.10.2024
(54) Improved motion tracking for autonomous vehicle driving

(71) Pourasghar Tolombechi, B.
(21) 2024227511 (22) 21.10.2024
(54) Echocardiographic Stethoscope

(71) Primewan Limited
(21) 2024227461 (22) 18.10.2024
(54) VIRTUAL NETWORK

(71) PROGRESS RAIL LOCOMOTIVE INC.
(21) 2024227384 (22) 16.10.2024
(54) ENGINE OIL SYSTEM HEALTH MONITORING USING OIL LEVEL SENSOR

(71) PROGRESS RAIL LOCOMOTIVE INC.
(21) 2024227469 (22) 18.10.2024
(54) METHODS AND SYSTEMS FOR DETERMINING HYBRID TRAIN CONFIGURATIONS

(71) Pulse Biosciences, Inc.
(21) 2024227394 (22) 16.10.2024
(54) Universal Handpiece for Electrical Treatment Applicator

(71) QINETIQ LIMITED
(21) 2005202104 (22) 17.05.2005
(54) Passive surveillance system
(31) 0410117.6 (32) 05.05.04 (33) GB

(71) QINETIQ LIMITED
(21) 2010214755 (22) 31.08.2010
(54) Mitigating interference experienced by a Global Navigation Satellite System
(31) 0914789.3 (32) 21.08.09 (33) GB

(71) Raven Industries, Inc.
(21) 2024227445 (22) 18.10.2024
(54) SPRAYER BOOM RECIRCULATION AND MIXING SYSTEMS AND METHODS FOR SAME

(71) Regeneron Pharmaceuticals, Inc.; Yale University; Institute for Research in Biomedicine (IRB)
(21) 2024227499 (22) 21.10.2024
(54) Genetically modified non-human animals expressing human EPO

(71) Robert Bosch GmbH
(21) 2024227504 (22) 21.10.2024
(54) Method for increasing radar visibility in a vehicle

(71) Rombus World Pty Ltd
(21) 2024227352 (22) 15.10.2024
(54) Support Product

(71) Royal Bank of Canada
(21) 2024227440 (22) 17.10.2024
(54) Systems, methods, and devices for secure generation and processing of data sets representing pre-funded payments

(71) RufDiamond Ltd
(21) 2024227395 (22) 16.10.2024
(54) Offroad Utility Vehicle with Dismountable Platform

(71) Samay, Inc.
(21) 2024227396 (22) 17.10.2024
(54) Systems, devices, and methods for performing active auscultation and detecting sonic energy measurements

(71) Schlumberger Technology B.V.
(21) 2024227447 (22) 18.10.2024
(54) Sensor adaptor for flange

(71) Schneider Electric Industries SAS
(21) 2024227428 (22) 17.10.2024
(54) DEVICE FOR PROTECTION AGAINST OVERVOLTAGES, AS WELL AS ELECTRICAL INSTALLATION COMPRISING SUCH A PROTECTION DEVICE

(71) Scynexis, Inc.
(21) 2024227501 (22) 21.10.2024
(54) Antifungal agents with enhanced activity in acidic pH

(71) Selecta Biosciences, Inc.
(21) 2024227457 (22) 18.10.2024
(54) Methods and compositions for attenuating exon skipping anti-viral transfer vector immune responses

(71) Shanghai Huizhou Industrial Co., Ltd.
(21) 2024227483 (22) 18.10.2024
(54) Novel Self-Absorbent Ice Pack

(71) SharkNinja Operating LLC
(21) 2024227522 (22) 22.10.2024
(54) SURFACE TREATMENT APPARATUS AND METHODS

(71) Shenzhen Porshealth Bioengineering Co., Ltd.
(21) 2024227415 (22) 17.10.2024
(54) LACTOBACILLUS ACIDOPHILUS GOLDGUT-LA100 HAVING FUNCTIONS OF LIPID LOWERING, BLOOD GLUCOSE LOWERING AND WEIGHT LOSS AND APPLICATION THEREOF

Shepherd, K. see Stieindl, M.
(21) 2024227482

(71) SHL Medical AG
(21) 2024227494 (22) 21.10.2024
(54) A medicament delivery device with a removable cap and locking member for preventing accidental activation

(71) Singh, J.
(21) 2024227507 (22) 21.10.2024
(54) System and method for wall panel trim installation

(71) SIWA Corporation
(21) 2024227435 (22) 17.10.2024
(54) Anti-age antibodies for treating neurodegenerative disorders

(71) SKYLOTEC GmbH
(21) 2024227360 (22) 15.10.2024
(54) Fall Arrest Device

(71) SofTech Texas LLC
(21) 2024227382 (22) 16.10.2024
(54) Smart Photo Print and Album

(71) Stieindl, M.; Shepherd, K.
(21) 2024227482 (22) 18.10.2024
(54) A GAS ANALYSER AND METHOD OF USE THEREOF

(71) Sunovate Pty Ltd
(21) 2024227430 (22) 17.10.2024
(54) PVT

(71) Taizhou Huali Plastic Co., Ltd.
(21) 2024227464 (22) 18.10.2024
(54) PVC board and method of manufacture

(71) TAMC Holdings Pty Ltd
(21) 2024227356 (22) 15.10.2024
(54) PROTECTOR DEVICE FOR CONTAINERS

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(71) Techtronic Cordless GP
(21) 2024227366 (22) 16.10.2024
(54) Attachment for a vacuum cleaner

(71) Techtronic Cordless GP
(21) 2024227454 (22) 18.10.2024
(54) COMBINATION OF A FLOOR CLEANER AND A CLEANING APPARATUS FOR CLEANING THE FLOOR CLEANER

(71) Tencent America LLC
(21) 2024227358 (22) 15.10.2024
(54) Signaling of scalability parameters in video bitstream

(71) Terex GB Limited
(21) 2024227351 (22) 15.10.2024
(54) VIBRATION MONITORING SYSTEM

(71) Theaprin Pharmaceuticals, Inc.
(21) 2024227410 (22) 17.10.2024
(54) Sublingual formulation with water-soluble cocrystals of acetylsalicylic acid with citric acid, sodium bicarbonate, and L-theanine for the treatment of acute myocardial infarction

(71) The Hilliard Corporation
(21) 2024227448 (22) 18.10.2024
(54) Driven clutch with dual helix assembly for continuously variable transmission

(71) The Nielsen Company (US), LLC
(21) 2024227529 (22) 22.10.2024
(54) Methods and apparatus to determine impressions using distributed demographic information

(71) The Spacer Co Pty Ltd
(21) 2024227371 (22) 16.10.2024
(54) A connection for connectable parts

(71) The Trustees of Princeton University
(21) 2024227408 (22) 17.10.2024
(54) Adhesion layer bonded to an activated surface

(71) Thomas Jefferson University
(21) 2024227517 (22) 22.10.2024
(54) Methods and compositions for treating cancers using antisense

(71) Thomson Reuters Enterprise Centre GmbH
(21) 2024227502 (22) 21.10.2024
(54) SYSTEMS AND METHODS FOR DETERMINING SERVICE QUALITY

(71) Trina Solar Co., Ltd
(21) 2024227503 (22) 21.10.2024
(54) Quick installation pressing block

(71) Trina Solar Co., Ltd.
(21) 2024227401 (22) 17.10.2024
(54) Solar cell and preparation method thereof

(71) Turncare, Inc.
(21) 2024227414 (22) 17.10.2024
(54) INFLATABLE PERFUSION ENHANCEMENT APPARATUSES AND ASSOCIATED DEVICES, SYSTEMS AND METHODS

(71) TurnCare, Inc.
(21) 2024227409 (22) 17.10.2024
(54) SYSTEMS AND METHODS FOR CONTROLLING AND MONITORING INFLATABLE PERFUSION ENHANCEMENT APPARATUS FOR MITIGATING CONTACT PRESSURE

(71) University of Washington
(21) 2024227439 (22) 17.10.2024
(54) Ophthalmic lenses for treating myopia

(71) Vektor Medical, Inc.
(21) 2024227471 (22) 18.10.2024
(54) Machine learning using simulated cardiograms

(71) VelosBio Inc.
(21) 2024227446 (22) 18.10.2024
(54) ROR1 antibody immunoconjugates

(71) Veracyte, Inc.
(21) 2024227427 (22) 17.10.2024
(54) Genetic signatures to predict prostate cancer metastasis and identify tumor aggressiveness

(71) Vertex Pharmaceuticals Incorporated
(21) 2024227349 (22) 15.10.2024
(54) Islet cell manufacturing compositions and methods of use

(71) Victoria Cottages Limited
(21) 2024227434 (22) 17.10.2024
(54) An Improved Spraying Device

(71) Viking Arm AS
(21) 2024227403 (22) 17.10.2024
(54) Handheld jacking/levelling-tool

(71) WANG, S.
(21) 2024227373 (22) 16.10.2024
(54) A LIFTING SLING

(71) WaveTamer LLC
(21) 2024227411 (22) 17.10.2024
(54) Gyroscopic boat roll stabilizer

(71) Weatherford Technology Holdings, LLC
(21) 2024227509 (22) 21.10.2024
(54) Control System For Hydrocarbon Recovery Tools

(71) WestRock Packaging Systems, LLC
(21) 2024227378 (22) 16.10.2024
(54) Article carrier and blank therefor

(71) Wood Modification Technologies Limited
(21) 2024227523 (22) 22.10.2024
(54) Enhanced performance of wood and engineered wood products using combined durability and flame retardancy

(71) XINTHERA, INC.
(21) 2024227365 (22) 16.10.2024
(54) PARP1 inhibitors and uses thereof

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(21) 2024227499

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2024227381	AIT Austrian Institute of Technology GmbH; INDAT Modellbau Werkzeugbau Formenbau GmbH	2024227448	The Hilliard Corporation
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2024227392	Instrumentation Laboratory Company	2024227458	Demandware Inc.
2024227393	Cargill, Incorporated	2024227459	Medtronic, Inc.
2024227394	Pulse Biosciences, Inc.	2024227460	Opti-Harvest, Inc.
2024227395	RufDiamond Ltd	2024227461	Primewan Limited
2024227396	Samay, Inc.	2024227462	Luther, M.
2024227397	Illumina, Inc.; Illumina Cambridge Limited	2024227463	Ablynx NV
2024227398	Landis+Gyr Technology, Inc.	2024227464	Taizhou Huali Plastic Co., Ltd.
2024227399	EXEL INDUSTRIES	2024227465	HONEYWELL INTERNATIONAL INC.
2024227400	Advanced Lithium Electrochemistry Co., Ltd.	2024227466	HONEYWELL INTERNATIONAL INC.
2024227401	Trina Solar Co., Ltd.	2024227467	Brilliant Light Power, Inc.
2024227402	Gilead Sciences, Inc.	2024227468	AbbVie Inc.
2024227403	Viking Arm AS	2024227469	PROGRESS RAIL LOCOMOTIVE INC.
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2024227405	Mallinckrodt Pharmaceuticals Ireland Limited	2024227471	Vektor Medical, Inc.
2024227406	LINEAGE LOGISTICS, LLC	2024227472	Connected Innovations Limited
2024227407	DEEPMIND TECHNOLOGIES LIMITED	2024227473	Komatsu Ltd.
2024227408	The Trustees of Princeton University	2024227474	Niu Power Australia Pty Ltd
2024227409	TurnCare, Inc.	2024227475	Boston Scientific Scimed, Inc.
2024227410	Theaprin Pharmaceuticals, Inc.	2024227476	Howmedica Osteonics Corp.
2024227411	WaveTamer LLC	2024227477	Feed Research Institute, Chinese Academy of Agricultural Sciences
2024227412	Integrity Security Services LLC	2024227478	IGT
		2024227479	BEDGEAR, LLC

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2024227480 BEDGEAR, LLC
2024227481 Bushwakka Pty Ltd
2024227482 Stieindl, M.; Shepherd, K.
2024227483 Shanghai Huizhou Industrial Co., Ltd.
2024227484 Israel Atomic Energy Commission Nuclear Research Center - NEGEV
2024227485 Opti-Harvest, Inc.
2024227486 Nevro Corp.
2024227487 Pittman Products International, Inc.
2024227488 Cosno (WA) Pty Ltd; Monson, R.
2024227489 Dong, H.
2024227490 Heraeus Medical GmbH
2024227491 Angel Group Co., Ltd.
2024227492 Angel Group Co., Ltd.
2024227493 Angel Group Co., Ltd.
2024227494 SHL Medical AG
2024227495 Merck Sharp & Dohme B.V.; Merck Sharp & Dohme LLC
2024227496 Myriad Genetics, Inc
2024227498 Alnylam Pharmaceuticals, Inc.
2024227499 Regeneron Pharmaceuticals, Inc.; Yale University; Institute for Research in Biomedicine (IRB)
2024227500 APDN (B.V.I.) Inc.
2024227501 Scynexis, Inc.
2024227502 Thomson Reuters Enterprise Centre GmbH
2024227503 Trina Solar Co., Ltd
2024227504 Robert Bosch GmbH
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2024227512 Galvanize Therapeutics, Inc.
2024227513 Google LLC
2024227514 Macsim Fastenings Pty Limited
2024227515 Cantor Index, LLC
2024227516 LumanLab Inc.
2024227517 Thomas Jefferson University
2024227518 Imtrade Australia Pty Ltd
2024227519 Marinhub AS
2024227520 DENTROID PTY LTD
2024227521 MAKO Surgical Corp.
2024227522 SharkNinja Operating LLC
2024227523 Wood Modification Technologies Limited
2024227524 Encore Medical, L.P. (d/b/a DJO Surgical)
2024227525 Gilead Sciences, Inc.
2024227526 Joy Global Surface Mining Inc
2024227527 Calico Life Sciences LLC; AbbVie Inc.
2024227528 California Institute of Technology; Foldax, Inc.
2024227529 The Nielsen Company (US), LLC
2024227530 Dorel Australia Pty Ltd
2024227531 Dorel Australia Pty Ltd
2024227532 IGT

Innovation Patent Applications Filed**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 15 Oct 2024 .
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

(71) Dorel Australia Pty Ltd
(21) 2024100038 **(22)** 22.10.2024
(54) Child restraint with harness adjustment
(62) 2020220061

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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
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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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2014251105 (14) 2014251811 (14) 2014252252 (14)

2014252686 (14)	2014253148 (14)	2014253275 (14)	2019257537 (14)	2019271913 (14)	2019278306 (25D)
2014253348 (14)	2014253356 (14)	2014254504 (14)	2019374101 (5C)	2019376429 (5C)	2019472044 (1B)
2014256546 (14)	2014311850 (14)	2014389437 (14)	2019472260 (1B)		

2015

2015201720 (14)	2015239066 (14)	2015240346 (14)
2015240465 (14)	2015240468 (14)	2015242541 (14)
2015243334 (14)	2015243346 (14)	2015243585 (14)
2015243881 (14)	2015244008 (14)	2015245229 (14)
2015245313 (14)	2015245743 (14)	2015245935 (14)
2015250202 (14)	2015250212 (14)	2015250230 (14)

2016

2016101780 (22)	2016101785 (22)	2016101790 (22)
2016101791 (22)	2016101792 (22)	2016101796 (22)
2016101799 (22)	2016101803 (22)	2016101827 (22)
2016200727 (14)	2016202919 (14)	2016231497 (14)
2016244636 (14)	2016244750 (14)	2016245659 (14)
2016245785 (14)	2016246061 (14)	2016246602 (14)
2016246703 (14)	2016251428 (14)	2016256329 (14)
2016265998 (14)	2016299005 (14)	2016335502 (14)

2017

2017100387 (22G)	2017100393 (22E)	2017201201 (14)
2017202329 (4C)	2017203120 (14)	2017203511 (14)
2017203939 (14)	2017206162 (14)	2017245625 (14)
2017245831 (14)	2017245894 (14)	2017245950 (14)
2017246222 (14)	2017246237 (14)	2017246369 (14)
2017246455 (14)	2017246581 (14)	2017246679 (14)
2017246680 (14)	2017246999 (14)	2017247006 (14)
2017247008 (14)	2017247035 (14)	2017247108 (14)
2017247607 (14)	2017248018 (4C)	2017248040 (14)
2017249642 (14)	2017348835 (14)	2017362105 (14)
2017408715 (14)		

2018

2018100593 (22)	2018100790 (22)	2018100792 (22)
2018202325 (14)	2018202326 (14)	2018202403 (4C)
2018202413 (4C)	2018202454 (14)	2018202455 (14)
2018202456 (14)	2018202457 (14)	2018202459 (14)
2018202460 (14)	2018202461 (14)	2018202462 (14)
2018202463 (14)	2018202464 (14)	2018206768 (14)
2018237324 (5C)	2018241210 (14)	2018247817 (14)
2018247873 (14)	2018247875 (14)	2018247958 (4C)
2018248292 (14)	2018248303 (4C)	2018248439 (14)
2018248576 (14)	2018248672 (14)	2018248681 (4C)
2018248738 (14)	2018248884 (14)	2018249677 (14)
2018249686 (14)	2018250153 (4C)	2018250206 (4C)
2018251275 (4C)	2018253873 (25D)	2018264161 (5C)
2018278562 (14)	2018282308 (14)	2018355011 (5C)
2018358349 (5C)	2018359661 (5C)	2018360849 (5C)
2018363106 (5C)	2018372917 (5C)	2018379580 (5C)
2018380000 (5C)	2018389063 (5C)	2018396059 (5C)
2018399640 (5C)	2018401712 (5C)	2018408886 (5C)
2018417350 (14)	2018417849 (4C)	

2019

2019100343 (22E)	2019100374 (22E)	2019100375 (22E)
2019100380 (22E)	2019202203 (14)	2019202261 (4C)
2019202336 (4C)	2019202387 (4C)	2019202413 (14)
2019203645 (14)	2019206056 (14)	2019207405 (5C)
2019210320 (5C)	2019217434 (5C)	2019225391 (5C)
2019231866 (5C)	2019234227 (5C)	2019235470 (4C)
2019240594 (14)	2019240734 (14)	2019247198 (4C)
2019247375 (14)	2019247386 (4C)	2019247453 (4C)
2019247477 (4C)	2019247478 (4C)	2019247496 (4C)
2019247498 (4C)	2019247513 (4C)	2019247645 (4C)
2019247778 (4C)	2019247797 (4C)	2019247871 (4C)
2019247885 (14)	2019247911 (4C)	2019248014 (14)
2019248635 (14)	2019248815 (4C)	2019249165 (14)
2019249209 (4C)	2019249277 (4C)	2019249392 (14)
2019249882 (4C)	2019251120 (14)	2019257117 (4C)

2020

2020100518 (22E)	2020100528 (22E)	2020104447 (22)
2020202375 (4A)	2020202412 (14)	2020202420 (4B)
2020202423 (4A)	2020202429 (4B)	2020202431 (4C)
2020220208 (14)	2020239813 (14)	2020251019 (14)
2020251072 (4C)	2020252395 (14)	2020253565 (4C)
2020254702 (4C)	2020256218 (4C)	2020256246 (4C)
2020260279 (4B)	2020260430 (1B)	2020260520 (1B)
2020260522 (1B)	2020260556 (1B)	2020264271 (1B)
2020264297 (1B)	2020266221 (4B)	2020269986 (4B)
2020272105 (4B)	2020272601 (4B)	2020272664 (4C)
2020272668 (14)	2020272747 (14)	2020281029 (5C)
2020281136 (4C)	2020296048 (12C)	2020362956 (5C)
2020372611 (1B)	2020372633 (1B)	2020372637 (1B)
2020372705 (1B)	2020372712 (1B)	2020372990 (1B)
2020372995 (1B)	2020372998 (1B)	2020373011 (1B)
2020373047 (1B)	2020373055 (1B)	2020373072 (1B)
2020373099 (1B)	2020373124 (1B)	2020373165 (1B)
2020373174 (1B)	2020373193 (1B)	2020373326 (1B)
2020373408 (1B)	2020373411 (1B)	2020374113 (1B)
2020374893 (1B)	2020374961 (1B)	2020375139 (1B)
2020375161 (1B)	2020375190 (1B)	2020375272 (1B)
2020375372 (1B)	2020375443 (1B)	2020375791 (1B)
2020375883 (1B)	2020375930 (1B)	2020376025 (1B)
2020376048 (1B)	2020376301 (1B)	2020376367 (1B)
2020376582 (1B)	2020376636 (1B)	2020376799 (1B)
2020376803 (1B)	2020376812 (1B)	2020376850 (1B)
2020376887 (1B)	2020376910 (1B)	2020376951 (1B)
2020376972 (1B)	2020377068 (1B)	2020377069 (1B)
2020377205 (1B)	2020377887 (1B)	2020377914 (5C)
2020377948 (1B)	2020378246 (1B)	2020379001 (1B)
2020379176 (1B)	2020379709 (1B)	2020379755 (1B)
2020379769 (1B)	2020380225 (1B)	2020380602 (1B)
2020410418 (5C)	2020417997 (1B)	2020439910 (5C)

2021

2021101749 (22E)	2021101753 (22E)	2021101754 (22E)
2021101770 (22E)	2021101783 (22E)	2021101785 (22E)
2021101794 (22E)	2021101806 (22E)	2021101817 (22E)
2021200492 (4C)	2021200906 (14)	2021201190 (14)
2021201196 (4C)	2021201706 (5C)	2021202501 (14)
2021203515 (5C)	2021204233 (14)	2021204745 (14)
2021214415 (5C)	2021218765 (5C)	2021237737 (5C)
2021248560 (5C)	2021250858 (4C)	2021250884 (14)
2021257899 (14)	2021261245 (5C)	2021266733 (5C)
2021273182 (5C)	2021288855 (5C)	2021290384 (5C)
2021308246 (5C)	2021316673 (5C)	2021338321 (5C)
2021351573 (5C)		

2022

2022201017 (5C)	2022201586 (4C)	2022202035 (4C)
2022202615 (5C)	2022203407 (5C)	2022204389 (5C)
2022204699 (5C)	2022204831 (5C)	2022205256 (5C)
2022206739 (4C)	2022209348 (5C)	2022215182 (5C)
2022215314 (5C)	2022215317 (5C)	2022218614 (5C)
2022221390 (16C)	2022221396 (4C)	2022228089 (5C)
2022228173 (5C)	2022235578 (4C)	2022235606 (5C)
2022241532 (5C)	2022241581 (5C)	2022246407 (12D)
2022256168 (5C)	2022259715 (5C)	2022259757 (5C)
2022259773 (4C)	2022268349 (4C)	2022271459 (5C)
2022432814 (12A)		

2023

2023201499 (5C)	2023201688 (5C)	2023201869 (5C)
2023202844 (4C)	2023204409 (4C)	2023903340 (12AN)
2023903346 (12AN)	2023903680 (12AN)	

2024

2024200795 (4B) 2024205149 (1B) 2024205486 (1B)

Assignments before Grant, Section 113

2019

2019224109 Veyezer, LLC The application has been assigned to **NeuroAEye, LLC**

2019325693 Eiger BioPharmaceuticals, Inc. The application has been assigned to **Eiger InnoTherapeutics, Inc.**

2020

2020321956 Ribon Therapeutics, Inc. The application has been assigned to **Boehringer Ingelheim International GmbH**

2020324403 Aneira Pharma, Inc. The application has been assigned to **Aneira Pharma Australia Pty Ltd**

2020368402 Eiger BioPharmaceuticals, Inc. The application has been assigned to **Eiger InnoTherapeutics, Inc.**

2021

2021215705 Tritium Holdings Pty Ltd The application has been assigned to **Tritium Power Solutions Pty Ltd**

2021217681 Eiger BioPharmaceuticals, Inc. The application has been assigned to **Eiger InnoTherapeutics, Inc.**

2021262448 INSTITUT PASTEUR The application has been assigned to **INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE; CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE; INSTITUT PASTEUR**

2021305095 VeyeZER LLC. The application has been assigned to **NeuroAEye, LLC**

2021347290 VEYEZER, LLC The application has been assigned to **NeuroAEye, LLC**

2021353913 OXFORD UNIVERSITY INNOVATION LIMITED; PRESIDENT AND FELLOWS OF HARVARD COLLEGE The application has been assigned to **The University of Newcastle; PRESIDENT AND FELLOWS OF HARVARD COLLEGE**

2021381563 TRITIUM HOLDINGS PTY LTD The application has been assigned to **Tritium Power Solutions Pty Ltd**

2021382172 TRITIUM HOLDINGS PTY LTD The application has been assigned to **Tritium Power Solutions Pty Ltd**

2021398591 TRITIUM HOLDINGS PTY LTD The application has been assigned to **Tritium Power Solutions Pty Ltd**

2022

2022358954 SEABORG APS The application has been assigned to **Hyme Energy ApS**

2022417016 CANAM BIORESEARCH INC. The application has been assigned to **Medicare International Inc.**

Assignments before Grant, Section 113

2023

2023235438 Network Rail Limited The application has been assigned to **Network Rail Infrastructure Limited**

2023263496 Gilead Pharmasset LLC The application has been assigned to **Gilead Sciences, Inc.**

2023902935 Tritium Holdings Pty Ltd The application has been assigned to **Tritium Power Solutions Pty Ltd**

2023902946 Tritium Holdings Pty Ltd The application has been assigned to **Tritium Power Solutions Pty Ltd**

2023903436 University of Technology Sydney The application has been assigned to **Algenie Pty Ltd**

2024

2024203028 Chengdu Tulin Technology Co., Ltd. The application has been assigned to **Future Rail Inc.**

2024204557 Davidsson, Marcus; Björklund, Tomas The application has been assigned to **Brave Bioscience AB**

Extensions of Time, Section 223

Applications Received

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

2016

2016392456 **Mauser-Werke GmbH** An application to extend the time from 10 Feb 2024 to 10 Oct 2024 in which to pay a renewal fee has been filed . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2019

2019378179 **Seares S.R.L.** An application to extend the time from 11 Nov 2023 to 11 Jul 2024 in which to pay a continuation fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2023

2023251528 **Trianni, Inc.** An application to extend the time from 03 Feb 2024 to 03 Sep 2024 in which to pay a continuation fee has been filed . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

Applications Allowed - Section 223(2)

2012

2012261524 **Sic Viresco Pty Ltd** The time in which to pay a renewal fee has been extended to 05 Aug 2024 . Address for service - Environmentally Pty Ltd 102-116 Virginia Way LOGAN VILLAGE QLD 4207 AU

Extensions of Time, Section 223**2017**

2017236050 **ANW Design Pty Ltd** The time in which to pay a renewal fee has been extended to 22 Apr 2024 . Address for service - An Wang 38 Shoalhaven Road Sylvania Waters NSW 2224 AU

2019

2019367373 **Gopalakrishnan, K.** The time in which to request examination and to pay a continuation fee has been extended to 01 Aug 2024 . Address for service - Patent Attorney Services U 4 26 Ellingworth Pde Box Hill VIC 3128 AU

2020

2020100236 **Kreiviz, A.** The time in which to pay a renewal fee has been extended to 17 Jul 2024 . Address for service - Alex Kreiviz 19 shenton road Claremont WA 6010 AU

2020274853 **Optimed Medizinische Instrumente GmbH** The time in which to request examination has been extended to 26 Aug 2024 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2020380119 **Ellipse World, Inc.** The time in which to request examination has been extended to 13 Jun 2024 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2021

2021107184 **Polyforce Industries Pty Ltd** The time in which to pay a renewal fee has been extended to 25 May 2024 . Address for service - Kings Patent & Trade Marks Attorneys Pty Ltd PO Box 128 Aspley QLD 4034 AU

2023

2023209089 **Solana Labs, Inc.** The time in which to enter the National Phase has been extended to 24 Sep 2024 . Address for service - RnB IP Pty Ltd PO Box 9530 Deakin ACT 2600 AU

2023218315 **NITOFF LIMITED** The time in which to enter the National Phase has been extended to 14 Oct 2024 . Address for service - Foote Intellectual Property Limited PO Box 30012 Lower Hutt 5040 NZ

2024

2024205532 **ASSA ABLOY** The time in which to pay the filing fee has been extended to 08 Nov 2024 . Address for service - ET Intellectual Property PO Box 10 932 Wellington 6140 NZ

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.

Amendments

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.

2018

2018337761 **Methods and products for improving sperm quality The University of Adelaide** The nature of the amendment is as shown in the statement(s) filed 15 Oct 2024 . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

2018348214 **Genotype-agnostic rescue of cystic fibrosis with small molecule bicarbonate channels The Board of Trustees of the University of Illinois ; University of Iowa Research Foundation** The nature of the amendment is as shown in the statement(s) filed 15 Oct 2024 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2018404905 **Light-blocking fabric and manufacturing method therefor Winplus Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 02 Sep 2024 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2020

2020242588 **Security device for building-related passenger conveyor system Inventio AG** The nature of the amendment is as shown in the statement(s) filed 19 Aug 2024 . Address for service - Griffith Hack Level 15 376-390 Collins St MELBOURNE VIC 3000 AU

2020333788 **Headgear MIPS AB** The nature of the amendment is as shown in the statement(s) filed 17 Sep 2024 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2022

2022215294 **Wear assembly for earth working equipment Esco Group LLC** The nature of the amendment is as shown in the statement(s) filed 18 Sep 2024 . Address for service - Minter Ellison Collins Arch 447 Collins St Melbourne VIC 3000 AU

2022456752 **REPORTING FREQUENCY AND DOPPLER PARAMETERS FOR COHERENT JOINT TRANSMISSION (CJT) AND MOBILITY ZTE CORPORATION** The nature of the amendment is as shown in the statement(s) filed 13 Oct 2024 . Address for service - Pizzey's Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2023

2023285959 **Virtual guidance for orthopedic surgical procedures Howmedica Osteonics Corp.** The nature of the amendment is: Amend the name of the inventor to read POLTARETSKYI, Sergii; CHAOUI, Jean; CARIOU, Damien and MOORE, Jesse. G . Address for service - FB Rice Pty Ltd L 33 477 Collins Street Melbourne VIC 3000 AU

Amendments Made**2017**

2017277269 **City of Hope; Board of Regents, The University of Texas System** The nature of the amendment is as shown in the statement filed 22 Jul 2024

Amendments

2018

2018209391 **Sanofi** The nature of the amendment is: Amend the priority details to read 62/448,800 20 Jan 2017 US and 17305061.8 20 Jan 2017 EP

2018286483 **Antisense Therapeutics Ltd** The nature of the amendment is as shown in the statement filed 02 Jul 2024

2018304704 **Northrop Grumman Systems Corporation** The nature of the amendment is as shown in the statement filed 05 Jul 2024

2019

2019204452 **Geberit International AG** The nature of the amendment is as shown in the statement filed 25 Jul 2024

2019228913 **Ishihara Sangyo Kaisha, Ltd.; Shizuoka Prefectural University Corporation** The nature of the amendment is as shown in the statement filed 19 Jul 2024

2019263302 **Chibi, Inc.** The nature of the amendment is as shown in the statement filed 18 Jul 2024

2019279959 **Dormer, K.** The nature of the amendment is: Amend the name of the inventor to read DORMER, Travis and HITCH, John

2019284792 **Bired Imaging, Inc.** The nature of the amendment is: Amend the name of the inventor to read KANDLIKAR, Satish G.; DABY-DEEN, Donnette; MEDEIROS, Lori; PHATAK, Pradyumna; GONZALEZ HERNANDEZ, Jose Luis and OWENS, Alyssa

2019341456 **Hilti Aktiengesellschaft** The nature of the amendment is: Amend the invention title to read Curing composition for an epoxy resin compound, epoxy resin compound and multi-component epoxy resin system

2019342351 **Hilti Aktiengesellschaft** The nature of the amendment is: Amend the invention title to read Curing agent composition for an epoxy resin compound, epoxy resin compound and multi-component epoxy resin system

2019343280 **Hilti Aktiengesellschaft** The nature of the amendment is: Amend the invention title to read Curing agent composition for an epoxy resin compound, epoxy resin compound and multi-component epoxy resin system

2019348201 **Valideck International Corporation** The nature of the amendment is as shown in the statement filed 01 Oct 2024

2019428062 **Halliburton Energy Services, Inc.** The nature of the amendment is as shown in the statement filed 09 Jul 2024

2020

2020297899 **Raytheon Company** The nature of the amendment is as shown in the statement filed 19 Jul 2024

2020368910 **Oakley, Inc.** The nature of the amendment is as shown in the statement filed 03 Jul 2024

Amendments

2020470311 **ZTE CORPORATION** The nature of the amendment is as shown in the statement filed 15 Oct 2024

2021

2021247417 **v2food Pty Ltd** The nature of the amendment is as shown in the statement filed 24 Jun 2024

2021295295 **Commissariat A L'Energie Atomique Et Aux Energies Alternatives** The nature of the amendment is as shown in the statement filed 23 Jul 2024

2021385628 **HANWHA SOLUTIONS CORPORATION** The nature of the amendment is as shown in the statement filed 25 Jul 2024

2022

2022201039 **NORITZ CORPORATION** The nature of the amendment is: Amend the name of the inventor to read OKAMOTO, Shinichi and YAMASHITA, Kohei

2022203456 **Wallis Engineers Pty Ltd** The nature of the amendment is: Amend the name of the inventor to read Kalisch, Paul Wolfgang and Adriaens, Graeme Michel

2022210247 **GILEAD SCIENCES, INC.** The nature of the amendment is as shown in the statement filed 11 Jul 2024

2022223366 **THE UNIVERSITY OF MANCHESTER** The nature of the amendment is: Amend the name of the inventor to read ALLAN, Stuart McRae; SOUTH, Kieron and LANE, David Anthony

2022235611 **Apple Inc.** The nature of the amendment is as shown in the statement filed 22 Jul 2024

2022256098 **Eloxx Pharmaceuticals Ltd.** The nature of the amendment is as shown in the statement filed 05 Jul 2024

2022259793 **nanoComposix, Inc.; Coronado Aesthetics, LLC** The nature of the amendment is as shown in the statement filed 23 Jul 2024

2022446523 **KABUSHIKI KAISHA TOYOTA JIDOSHOKKI** The nature of the amendment is: Amend the invention title to read TiAl Alloy Vane Wheel

2023

2023200749 **Mercator Pty. Ltd.** The nature of the amendment is: Application is to proceed under the number 2023100106

2023221045 **TARIS BIOMEDICAL LLC** The nature of the amendment is: Amend the name of the inventor to read DANIEL, Karen; DHONDT, Jens Julien M.; DUBOIS, Kristof Johan W; HEYNS, Philip Erna H; KIMPE, Kristof Leonard; MAMIDI, Srinivas and GIESING, Dennis

2023234944 **THE UNIVERSITY OF TOKYO** The nature of the amendment is: Amend the invention title to read NOVEL USAGE OF ONCOLYTIC GENE-MODIFIED MEASLES VIRUS

Amendments

2023238921 **BAE SYSTEMS PLC** The nature of the amendment is: Amend the name of the inventor to read BEES, David and HOPTON, James

2023240889 **VASCUDYNE, INC.** The nature of the amendment is: Amend the priority details to read 63/318,767 10 Mar 2022 US

2023247712 **BIOTHEUS INC.** The nature of the amendment is: Amend the invention title to read Anti-TIGIT-anti-PVRIG bispecific antibody, pharmaceutical composition thereof and use thereof

2023249532 **IOMX THERAPEUTICS AG** The nature of the amendment is as shown in the statement filed 26 Sep 2024

2023254005 **CHINA MOBILE COMMUNICATION CO., LTD RESEARCH INSTITUTE; CHINA MOBILE COMMUNICATIONS GROUP CO., LTD.** The nature of the amendment is: Amend the invention title to read Method for Determining Number of Monitoring, Terminal, and Storage Medium

2023255849 **JFE STEEL CORPORATION** The nature of the amendment is: Amend the invention title to read METHOD FOR MELTING DIRECT REDUCED IRON, SOLID IRON AND METHOD FOR PRODUCING THE SAME, AND MATERIAL FOR CIVIL ENGINEERING AND CONSTRUCTION AND METHOD FOR PRODUCING THE SAME

2023255850 **JFE STEEL CORPORATION** The nature of the amendment is: Amend the invention title to read METHOD FOR PRODUCING GRAINED IRON, AND GRAINED IRON

2023256986 **NIPPON STEEL CORPORATION** The nature of the amendment is: Amend the invention title to read HOT-DIP PLATED STEEL MATERIAL

2023280579 **KOMATSU LTD.** The nature of the amendment is: Amend the invention title to read Management system of work site and management method of work site

2023423229 **CHINA SHENHUA COAL TO LIQUID AND CHEMICAL CO., LTD; CHINA SHENHUA COAL TO LIQUID AND CHEMICAL SHANGHAI RESEARCH INSTITUTE** The nature of the amendment is: Amend the invention title to read Molybdenum amine complex catalyst and preparation method therefor and use thereof

2024

2024219726 **Wallis Engineers Pty Ltd** The nature of the amendment is: Amend the name of the inventor to read Kalisch, Paul Wolfgang and Adriaens, Graeme Michel

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

2016

2016323831 Syngenta Participations AG The name of the patentee has been altered to **Syngenta Crop Protection AG**

2017

2017381651 Syngenta Participations AG The name of the patentee has been altered to **Syngenta Crop Protection AG**

Amendments

2017388447 International Boxes S.r.l. The name of the patentee has been altered to **PANOTEC SRL**

2018

2018275025 Syngenta Participations AG The name of the patentee has been altered to **Syngenta Crop Protection AG**

2018309648 Syngenta Participations AG The name of the applicant has been altered to **Syngenta Crop Protection AG**

2018309649 Syngenta Participations AG The name of the applicant has been altered to **Syngenta Crop Protection AG**

2018390864 Syngenta Participations AG The name of the applicant has been altered to **Syngenta Crop Protection AG**

2018406682 Medinotech, Inc. The name of the applicant has been altered to **Medinotec, Inc.**

2019

2019213482 Syngenta Participations AG The name of the applicant has been altered to **Syngenta Crop Protection AG**

2019220997 Syngenta Participations AG The name of the patentee has been altered to **Syngenta Crop Protection AG**

2019235526 Technip France The name of the applicant has been altered to **Technip Energies France**

2019239644 Syngenta Participations AG The name of the applicant has been altered to **Syngenta Crop Protection AG**

2019256453 Cipla Technologies LLC The name of the applicant has been altered to **CIPLA USA INC.**

2019280514 Bayer Animal Health GmbH The name of the applicant has been altered to **Elanco Animal Health GmbH**

2019282657 Ic-medtech Corp The name of the applicant has been altered to **IC-MedTech Corp.**

2019332758 Syngenta Participations AG The name of the applicant has been altered to **Syngenta Crop Protection AG**

2019342401 Syngenta Participations AG The name of the applicant has been altered to **Syngenta Crop Protection AG**

2019360344 Syngenta Participations AG ; The State of Israel, Ministry of Agriculture & Rural Development, Agricultural Research Organization (ARO) (Volcani Center) The name of the applicant has been altered to **Syngenta Crop Protection AG; The State of Israel, Ministry of Agriculture & Rural Development, Agricultural Research Organization (ARO) (Volcani Center)**

2019365385 Syngenta Participations AG The name of the applicant has been altered to **Syngenta Crop Protection AG**

2019394176 Byotrol PLC The name of the applicant has been altered to **Byotrol Limited**

Amendments

2019408562 Syngenta Participations AG The name of the applicant has been altered to **Syngenta Crop Protection AG**

2019410407 What The Future Venture Capital (WTFVC) B.V. The name of the applicant has been altered to **What The Future B.V.**

2020

2020277223 Arthur Wisdom Technology Consultants Ltd. The name of the applicant has been altered to **Arthur Wisdom Technology Consultants Co., Ltd.**

2020331684 Syngenta Participations AG The name of the applicant has been altered to **Syngenta Crop Protection AG**

2020332746 Syngenta Participations AG The name of the applicant has been altered to **Syngenta Crop Protection AG**

2020332747 Syngenta Participations AG The name of the applicant has been altered to **Syngenta Crop Protection AG**

2020333829 Syngenta Participations AG The name of the applicant has been altered to **Syngenta Crop Protection AG**

2020333879 Syngenta Participations AG The name of the applicant has been altered to **Syngenta Crop Protection AG**

2020365021 Ultrahuman Eight Limited The name of the applicant has been altered to **Ottimo Pharma Limited**

2020379503 Stichting Euroflow ; Academisch Ziekenhuis Leiden h.o.d.n. LUMC; University of Salamanca The name of the applicant has been altered to **Stichting EuroFlow; Academisch Ziekenhuis Leiden h.o.d.n. LUMC; University of Salamanca**

2021

2021269036 Morphogenesis, Inc. The name of the applicant has been altered to **TuHURA Biosciences, Inc.**

2021285470 Ilooda Co., Ltd. ; In, Sungil; Kim, Youngjin The name of the applicant has been altered to **CLASSYS INC.; In, S.; Kim, Y.**

2021414390 Ilooda Co., Ltd. The name of the applicant has been altered to **CLASSYS INC.**

2022

2022235530 Syngenta Participations AG The name of the applicant has been altered to **Syngenta Crop Protection AG**

2022267033 SOLAR FOODS OY The name of the applicant has been altered to **Solar Foods Oyj**

2022271509 Syngenta Participations AG The name of the applicant has been altered to **Syngenta Crop Protection AG**

2022335914 THE UNIVERSITY OF QUEENSLAND; THE CHANCELLOR, MASTERS AND SCHOLARS OF THE UNIVERSITY OF CAMBRIDGE The name of the applicant has been altered to **THE UNIVERSITY OF QUEENSLAND; Cambridge Enterprise Limited**

Amendments

2023

2023201444 Syngenta Participations AG The name of the applicant has been altered to **Syngenta Crop Protection AG**

2023203612 Syngenta Participations AG The name of the applicant has been altered to **Syngenta Crop Protection AG**

2023209649 Syngenta Participations AG The name of the applicant has been altered to **Syngenta Crop Protection AG**

2023257930 BERG LLC The name of the applicant has been altered to **BPGPIO, INC.**

2023274054 Syngenta Participations AG The name of the applicant has been altered to **Syngenta Crop Protection AG**

2024

2024201069 Syngenta Participations AG The name of the applicant has been altered to **Syngenta Crop Protection AG**

2024201406 Syngenta Participations AG The name of the applicant has been altered to **Syngenta Crop Protection AG**

2024203210 Syngenta Participations AG The name of the applicant has been altered to **Syngenta Crop Protection AG**

2024219776 Anuncia, Inc The name of the applicant has been altered to **Anuncia Medical, Inc.**

2024227271 Deere & Company The name of the applicant has been altered to **Deere & Company; Iowa State University Research Foundation, Inc.**

2024227462 Mark Brandt Luther The name of the applicant has been altered to **SOLAR ASSISTED SERVICES PTY LTD**

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

<p>(71) AbbVie Inc. (11) AU-A-2024205665 (21) 2024205665 (22) 09.08.2024 (54) Anti-B7-H3 antibodies and antibody drug conjugates (51) Int. Cl. C07K 16/28 (2006.01) A61K 31/00 (2006.01) A61K 39/00 (2006.01)</p> <p>(43) 31.10.2024 (62) 2017279550 (72) Benatuil, Lorenzo; Bruncko, Milan; Chao, Debra; Izeradjene, Kamel; Judd, Andrew S.; Phillips, Andrew C.; Souers, Andrew J.; Thakur, Archana (74) Spruson & Ferguson</p> <hr/> <p>(71) Academia Sinica (11) AU-A-2024227153 (21) 2024227153 (22) 08.10.2024 (54) IMPROVED CORONAVIRUS VACCINE. (51) Int. Cl. A61K 39/215 (2006.01) A61K 39/12 (2006.01) A61P 31/14 (2006.01)</p> <p>(43) 31.10.2024 (62) 2022257113 (72) WONG, Chi-Huey; MA, Che; HUANG, Han-Yi (74) AJ PARK</p> <hr/> <p>(71) Academia Sinica (11) AU-A-2024227222 (21) 2024227222 (22) 10.10.2024 (54) CHIMERIC INFLUENZA VACCINES (51) Int. Cl. A61K 39/155 (2006.01) A61P 31/16 (2006.01) C12N 7/01 (2006.01)</p> <p>(43) 31.10.2024 (62) 2021268212 (72) LIAO, Hsin-Yu; WANG, Shih-Chi; KO, Yi-An; LIN, Kuo-I; MA, Che; CHENG, Ting-Jen (74) AJ PARK</p> <hr/> <p>(71) Accenture Global Solutions Limited (11) AU-A-2024227278 (21) 2024227278 (22) 11.10.2024 (54) Utilizing machine learning models to analyze an impact of a change request (51) Int. Cl. G06Q 10/10 (2023.01) G06F 16/35 (2019.01) G06N 5/022 (2023.01) G06N 5/025 (2023.01) G06N 20/10 (2019.01) G06Q 10/06 (2023.01)</p>	<p>(43) 31.10.2024 (62) 2022291505 (72) LATHA, Pritha; KULKARNI, Aditi; VI-JAYARAGHAVAN, Koushik M; NAGARAJAN, Rajesh; SOOD, Gaurav; KUMAR SAHA, Sujan; JOSHI, Aparna Samir (74) FB Rice Pty Ltd</p> <hr/> <p>(71) Acres Technology (11) AU-A-2024227179 (21) 2024227179 (22) 08.10.2024 (54) Reserve Credits for Use on Gaming Device. (51) Int. Cl. G07F 17/32 (2006.01)</p> <p>(43) 31.10.2024 (62) 2022215278 (72) Acres, John F. (74) Golja Haines & Friend</p> <hr/> <p>(71) Adobe Inc. (11) AU-A-2024200886 (21) 2024200886 (22) 12.02.2024 (54) STRUCTURED DOCUMENT GENERATION FROM TEXT PROMPTS (51) Int. Cl. G06F 40/166 (2020.01) G06N 3/047 (2023.01) G06N 20/00 (2019.01) G06T 7/00 (2017.01)</p> <p>(31) 18/300,721 (32) 14.04.23 (33) US (43) 31.10.2024 (72) Zhang, Xinyang; Lu, Xin; Zhao, Wentian; Chien, Jen-Chan (74) RnB IP Pty Ltd</p> <hr/> <p>(71) AIT Austrian Institute of Technology GmbH; INDAT Modellbau Werkzeugbau Formenbau GmbH (11) AU-A-2024227381 (21) 2024227381 (22) 16.10.2024 (54) Seed transportation system and method (51) Int. Cl. A01C 1/00 (2006.01) G01N 1/28 (2006.01) G01N 35/04 (2006.01)</p> <p>(43) 31.10.2024 (62) 2018335356 (72) ROSENBAUM, Wolfgang; LEOPOLD, Markus; PFAFFENBICHLER, Nikolaus; MITTER, Birgit (74) Davies Collison Cave Pty Ltd</p> <hr/> <p>(71) Angel Group Co., Ltd. (11) AU-A-2024227127 (21) 2024227127 (22) 04.10.2024 (54) SUBSTITUTE CURRENCY FOR GAMING, INSPECTION DEVICE, AND</p>	<p>MANUFACTURING METHOD OF SUBSTITUTE CURRENCY FOR GAMING, AND MANAGEMENT SYSTEM FOR TABLE GAMES (51) Int. Cl. G06Q 50/10 (2012.01) A63F 1/06 (2006.01) A63F 11/00 (2006.01)</p> <p>(43) 31.10.2024 (62) 2022256168 (72) Shigeta, Yasushi (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd</p> <hr/> <p>(71) Angel Group Co., Ltd. (11) AU-A-2024227290 (21) 2024227290 (22) 13.10.2024 (54) CHIP RECOGNITION SYSTEM (51) Int. Cl. A63F 1/06 (2006.01) A63F 13/80 (2014.01)</p> <p>(43) 31.10.2024 (62) 2022224843 (72) Shigeta, Yasushi (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd</p> <hr/> <p>(71) Angel Group Co., Ltd. (11) AU-A-2024227313 (21) 2024227313 (22) 14.10.2024 (54) Game token and method for manufacturing the same (51) Int. Cl. G06K 19/04 (2006.01) G06K 7/10 (2006.01) G06K 19/07 (2006.01)</p> <p>(43) 31.10.2024 (62) 2023201452 (72) Shigeta, Yasushi (74) Davies Collison Cave Pty Ltd</p> <hr/> <p>(71) Apple Inc. (11) AU-A-2024227277 (21) 2024227277 (22) 11.10.2024 (54) Devices, methods, and graphical user interfaces for gaze-based navigation (51) Int. Cl. G06F 3/01 (2006.01) A61B 3/113 (2006.01) G06F 3/0481 (2022.01) G06F 3/0485 (2022.01)</p> <p>(43) 31.10.2024 (62) 2021242208 (72) PLA I CONESA, Pol; ORDING, Bas; LEMAY, Stephen O.; BAUERLY, Kristi E.; CHIU, Shih-Sang; RAVASZ, Jonathan; KRIVORUCHKO, Evgenii (74) FPA Patent Attorneys Pty Ltd</p>
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Applications Open to Public Inspection - Name Index cont'd

(71) Applied Medical Resources Corporation
 (11) AU-A-2024227235
 (21) 2024227235 (22) 10.10.2024
 (54) Hysterectomy model
 (51) Int. Cl.
G09B 23/28 (2006.01)
 (43) 31.10.2024
 (62) 2022215161
 (72) Black, Katie; Hofstetter, Gregory K.; Felsing, Natasha; Breslin, Tracy; Wachli, Serene; Kenneday, Sean
 (74) Griffith Hack

(71) Applied Medical Resources Corporation
 (11) AU-A-2024227326
 (21) 2024227326 (22) 15.10.2024
 (54) Laparoscopic suturing system
 (51) Int. Cl.
A61B 17/062 (2006.01)
A61B 17/06 (2006.01)
 (43) 31.10.2024
 (62) 2023200266
 (72) GORSKI, Steven; TAYLOR, Scott V.; MCGINLEY, Kimball B.
 (74) Griffith Hack

(71) Aristocrat Technologies, Inc.
 (11) AU-A-2024201539
 (21) 2024201539 (22) 07.03.2024
 (54) SYSTEMS AND METHODS FOR PROVIDING AN ELECTRONIC CARD GAME WITH INCREASING FREE GAMES MULTIPLIERS
 (51) Int. Cl.
G07F 17/32 (2006.01)
 (31) 18/300,225 (32) 13.04.23 (33) US
 (43) 31.10.2024
 (72) DALEY, John; BRUNE, Christopher
 (74) James & Wells Intellectual Property

(71) Aristocrat Technologies, Inc.
 (11) AU-A-2024201541
 (21) 2024201541 (22) 07.03.2024
 (54) SPACE-EFFICIENT HOLD-AND-SPIN FEATURE GAME GRAPHICAL USER INTERFACE
 (51) Int. Cl.
A63F 13/23 (2014.01)
A63F 13/2145 (2014.01)
G07F 17/32 (2006.01)
 (31) 18/301,892 (32) 17.04.23 (33) US
 (43) 31.10.2024
 (72) LOCKHEED, Kelly
 (74) James & Wells Intellectual Property

(71) Aristocrat Technologies, Inc.
 (11) AU-A-2024220189
 (21) 2024220189 (22) 27.09.2024
 (54) PERSISTENT MOVING SYMBOLS
 (51) Int. Cl.
G07F 17/32 (2006.01)
A63F 13/45 (2014.01)
A63F 13/50 (2014.01)

(43) 31.10.2024
 (62) 2022215202
 (72) SANBORN, Hanna; DE CASA Jr., Rogelio; LA GUARDIA, Chad; CHING, Erick
 (74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited
 (11) AU-A-2024227266
 (21) 2024227266 (22) 11.10.2024
 (54) A GAMING SYSTEM AND METHOD OF GAMING
 (51) Int. Cl.
G07F 17/32 (2006.01)
 (43) 31.10.2024
 (62) 2022218562
 (72) Bramble, Paul
 (74) Griffith Hack

(71) Aspire Polymers Pty Ltd
 (11) AU-A-2024227151
 (21) 2024227151 (22) 07.10.2024
 (54) Improvements Relating to Solar Heaters
 (51) Int. Cl.
B29C 45/14 (2006.01)
F24S 10/70 (2018.01)
 (43) 31.10.2024
 (62) 2018363106
 (72) CARROLL, Paul
 (74) Morcom Pernat

(71) Augusta University Research Institute, Inc.
 (11) AU-A-2024227274
 (21) 2024227274 (22) 11.10.2024
 (54) COMPOSITIONS FOR MODULATING PD-1 SIGNAL TRANSDUCTION
 (51) Int. Cl.
A61K 31/4184 (2006.01)
C07C 225/26 (2006.01)
C07C 225/34 (2006.01)
C07D 235/02 (2006.01)
 (43) 31.10.2024
 (62) 2022204549
 (72) Khleif, Samir; Mkrtychyan, Mikayel; Lebedyeva, Iryna; Albers, Thomas
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Aurora Operations, Inc.
 (11) AU-A-2024227144
 (21) 2024227144 (22) 07.10.2024
 (54) SWITCHABLE COHERENT PIXEL ARRAY FOR FREQUENCY MODULATED CONTINUOUS WAVE LIGHT DETECTION AND RANGING
 (51) Int. Cl.
G01S 13/34 (2006.01)
G01N 21/27 (2006.01)
G01S 13/58 (2006.01)
G01S 17/06 (2006.01)
G01S 17/34 (2020.01)
G01S 17/58 (2006.01)
G02B 6/35 (2006.01)

(43) 31.10.2024
 (62) 2020251989
 (72) LIN, Sen; HOSSEINI, Amir; MICHAELS, Andrew Steil
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Barrett Firearms Manufacturing, Inc.
 (11) AU-A-2024202206
 (21) 2024202206 (22) 05.04.2024
 (54) FIREARM
 (51) Int. Cl.
F41A 3/18 (2006.01)
 (31) 63/458613 (32) 11.04.23 (33) US
 (43) 31.10.2024
 (72) BARRETT, Ronnie; BARRETT, Christopher Gene
 (74) Halfords IP

(71) BECKMAN COULTER, INC.
 (11) AU-A-2024202364
 (21) 2024202364 (22) 11.04.2024
 (54) SAMPLE PREPARATION
 (51) Int. Cl.
G01N 1/38 (2006.01)
G01N 1/28 (2006.01)
 (31) 63/495819 (32) 13.04.23 (33) US
 (43) 31.10.2024
 (72) DE CASTRO, Juan Fernandez; SAHDALA, Brahim; RAVILISSETTY, Rajani
 (74) AJ PARK

(71) Boldan OY
 (11) AU-A-2024202289
 (21) 2024202289 (22) 10.04.2024
 (54) A rotatable grinding tool
 (51) Int. Cl.
B02C 18/06 (2006.01)
B08B 9/027 (2006.01)
B24B 5/40 (2006.01)
E03F 9/00 (2006.01)
 (31) 23168220.4 (32) 17.04.23 (33) EP
 (43) 31.10.2024
 (72) Tukiainen, Joni
 (74) IP SOLVED (ANZ) PTY. LTD.

Borchers, T. see Werner, M.
 (21) 2023202297

(71) Breville Pty Limited
 (11) AU-A-2024227244
 (21) 2024227244 (22) 11.10.2024
 (54) Sensor assembly
 (51) Int. Cl.
A47J 31/44 (2006.01)
G01K 1/14 (2021.01)
H01H 35/02 (2006.01)
 (43) 31.10.2024
 (62) 2018273788
 (72) GRASSIA, Robert; LEE, Chiu Keung Kenneth
 (74) GLMR

(71) Britax Romer Kindersicherheit GmbH
 (11) AU-A-2024227146

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(21) 2024227146 (22) 07.10.2024
 (54) Newborn Insert For a Child Safety Seat
 (51) Int. Cl.
 B60N 2/42 (2006.01)
 B60N 2/28 (2006.01)
 (43) 31.10.2024
 (62) 2018204278
 (72) Kaiser, Thomas
 (74) K&L Gates

(71) Brunswick Corporation
 (11) AU-A-2024202244
 (21) 2024202244 (22) 08.04.2024
 (54) Livewell system
 (51) Int. Cl.
 A01K 97/20 (2006.01)
 A01K 63/02 (2006.01)
 A01K 63/04 (2006.01)
 A01K 97/05 (2006.01)
 (31) 18/299,262 (32) 12.04.23 (33) US
 (43) 31.10.2024
 (72) PEOPLES, Andrew; WYLIE, James S.
 (74) Spruson & Ferguson

(71) BUMBLE IP HOLDCO LLC
 (11) AU-A-2024227280
 (21) 2024227280 (22) 11.10.2024
 (54) COMPUTER-IMPLEMENTED COMMUNICATIONS BY SOCIAL MEDIA APPLICATION
 (51) Int. Cl.
 G06Q 10/10 (2023.01)
 G06Q 50/00 (2012.01)
 (43) 31.10.2024
 (62) 2019371154
 (72) FROLOVICHEV, Sergey; KNEELAND, John; VYAZNIKOVA, Liubov; COPPING, Benedict
 (74) RnB IP Pty Ltd

(71) Burkardt, F.
 (11) AU-A-2023202281
 (21) 2023202281 (22) 13.04.2023
 (54) Catch for folding table or chair
 (51) Int. Cl.
 A47B 3/08 (2006.01)
 A47B 3/00 (2006.01)
 (43) 31.10.2024
 (72) Burkardt, Frank
 (74) Frank Burkardt

(71) Camso Inc.
 (11) AU-A-2024227164
 (21) 2024227164 (22) 08.10.2024
 (54) Systems and methods for monitoring wheel assemblies.
 (51) Int. Cl.
 B60C 99/00 (2006.01)
 B60C 7/00 (2006.01)
 B60K 35/00 (2006.01)
 B60S 5/00 (2006.01)
 B66F 9/06 (2006.01)
 G01M 17/013 (2006.01)
 G01M 17/02 (2006.01)
 H04W 4/38 (2018.01)

(43) 31.10.2024
 (62) 2020396809
 (72) DE WITTE, Tim; MESSINA, Salvatore; MEIER, Loic
 (74) Griffith Hack

(71) Canon Kabushiki Kaisha
 (11) AU-A-2023202312
 (21) 2023202312 (22) 14.04.2023
 (54) Method, apparatus and system for encoding and decoding a tensor
 (51) Int. Cl.
 H04N 19/189 (2014.01)
 G06N 3/0464 (2023.01)
 H04N 19/172 (2014.01)
 H04N 19/176 (2014.01)
 H04N 19/436 (2014.01)
 (43) 31.10.2024
 (72) Rosewarne, Christopher James
 (74) Spruson & Ferguson

(71) Canon Kabushiki Kaisha
 (11) AU-A-2023202315
 (21) 2023202315 (22) 14.04.2023
 (54) Method, apparatus and system for encoding and decoding a tensor
 (51) Int. Cl.
 H04N 19/436 (2014.01)
 G06N 3/0464 (2023.01)
 H04N 19/174 (2014.01)
 H04N 19/189 (2014.01)
 H04N 19/96 (2014.01)
 (43) 31.10.2024
 (72) Nguyen, Thi Hong Nhung; Rosewarne, Christopher James
 (74) Spruson & Ferguson

(71) CARIBOU BIOSCIENCES, INC.
 (11) AU-A-2024227141
 (21) 2024227141 (22) 07.10.2024
 (54) A METHOD OF CAPTURING CRISPR ENDONUCLEASE CLEAVAGE PRODUCTS
 (51) Int. Cl.
 C12Q 1/6855 (2018.01)
 (43) 31.10.2024
 (62) 2022407332
 (72) GRADIA, Scott David
 (74) Oxygene IP

(71) CASCO Europe Limited
 (11) AU-A-2024202072
 (21) 2024202072 (22) 31.03.2024
 (54) Veterinary Enclosure System
 (51) Int. Cl.
 A01K 1/00 (2006.01)
 A61D 99/00 (2006.01)
 (31) 2305304.4 (32) 11.04.23 (33) GB
 (43) 31.10.2024
 (72) Bubear, Matthew
 (74) KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD

(71) CASCO Europe Limited
 (11) AU-A-2024202073
 (21) 2024202073 (22) 31.03.2024

(54) Heating System for an Animal Enclosure System
 (51) Int. Cl.
 A01K 1/00 (2006.01)
 A01K 1/03 (2006.01)
 (31) 2305307.7 (32) 11.04.23 (33) GB
 (43) 31.10.2024
 (72) Bubear, Matthew
 (74) KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD

(71) Caterpillar Inc.
 (11) AU-A-2024227163
 (21) 2024227163 (22) 08.10.2024
 (54) Integral filter endcap, mold, and seal.
 (51) Int. Cl.
 B01D 29/15 (2006.01)
 (43) 31.10.2024
 (62) 2021301123
 (72) IMMEL, Jon T.; OEDEWALDT, Stephen E.; RIES, Jeffrey R.; POTTS, Gregory O.; EVERY, Joseph J.; MOREHOUSE III, Darrell L.; SPENGLER, Philip C.
 (74) FPA Patent Attorneys Pty Ltd

(71) Celanese Eva Performance Polymers LLC
 (11) AU-A-2024227307
 (21) 2024227307 (22) 14.10.2024
 (54) Implantable device for sustained release of a macromolecular drug compound
 (51) Int. Cl.
 A61F 2/02 (2006.01)
 A61K 9/06 (2006.01)
 A61L 31/04 (2006.01)
 A61L 31/12 (2006.01)
 A61L 31/14 (2006.01)
 A61L 31/16 (2006.01)
 (43) 31.10.2024
 (62) 2019275409
 (72) SCHNEIDER, Christian
 (74) Spruson & Ferguson

(71) Cell Design Labs, Inc.
 (11) AU-A-2024227182
 (21) 2024227182 (22) 09.10.2024
 (54) Chimeric polypeptides and methods of altering their localisation in the cell membrane
 (51) Int. Cl.
 C07K 14/725 (2006.01)
 A61K 38/17 (2006.01)
 C07K 14/72 (2006.01)
 (43) 31.10.2024
 (62) 2023200894
 (72) SANTORO, Stephen; COYLE, Scott; RUPP, Levi; EMTAGE, Peter
 (74) FPA Patent Attorneys Pty Ltd

CHEN, C. see SU, J.
 (21) 2024227178

(71) Chongqing Changan Automobile Co., Ltd.
 (11) AU-A-2023285830

Applications Open to Public Inspection - Name Index cont'd

(21) 2023285830 (22) 21.12.2023
 (54) Communication system, method, vehicle and medium
 (51) Int. Cl.
H04L 12/66 (2006.01)
G06F 15/163 (2006.01)
G06F 15/80 (2006.01)
H04L 69/08 (2022.01)
H04L 69/16 (2022.01)
H04L 69/22 (2022.01)
 (31) 2023104098760 (32) 17.04.23 (33) CN
 (43) 31.10.2024
 (72) Han, Sanchu; Li, Xueqing; Tan, Bing; Hu, Qijie; Tang, Guangyu
 (74) Davies Collison Cave Pty Ltd

(71) CJ CheilJedang Corporation
 (11) AU-A-2024227305
 (21) 2024227305 (22) 14.10.2024
 (54) Stick-type food preparation system, stick-type food forming apparatus, and topping applying apparatus for stick-type foods
 (51) Int. Cl.
A21C 5/00 (2006.01)
A21C 9/04 (2006.01)
A21D 13/40 (2017.01)
A21D 13/60 (2017.01)
 (43) 31.10.2024
 (62) 2021410382
 (72) KIM, Yeung Tak; KIM, Seung Min
 (74) Spruson & Ferguson

(71) CloudSeq Pte Ltd
 (11) AU-A-2024227330
 (21) 2024227330 (22) 15.10.2024
 (54) Methods and systems for generating workflows for analysing large data sets
 (51) Int. Cl.
G06Q 10/06 (2023.01)
 (43) 31.10.2024
 (62) 2022241571
 (72) SINGH, Dadabhai T.
 (74) FB Rice Pty Ltd

(71) Clovers AS
 (11) AU-A-2024227329
 (21) 2024227329 (22) 15.10.2024
 (54) A floating metal platform
 (51) Int. Cl.
B63B 1/12 (2006.01)
F03D 13/25 (2016.01)
B63B 35/44 (2006.01)
 (43) 31.10.2024
 (62) 2020355578
 (72) SØNJU, Eivind
 (74) Griffith Hack

Combe, T. see Ward, A.
 (21) 2023202323

(71) Convergence Event Systems Pty Ltd
 (11) AU-A-2024227201
 (21) 2024227201 (22) 09.10.2024
 (54) System and method for distributing media content

(51) Int. Cl.
H04N 11/02 (2006.01)
 (43) 31.10.2024
 (62) 2022275485
 (72) Horobin, Craig
 (74) Griffith Hack

(71) CORNEX NEW ENERGY CO., LTD.
 (11) AU-A-2023233218
 (21) 2023233218 (22) 22.09.2023
 (54) BATTERY, BATTERY PACK AND ELECTRIC EQUIPMENT
 (51) Int. Cl.
H01M 50/383 (2021.01)
A62C 3/16 (2006.01)
H01M 50/22 (2021.01)
 (31) 202310407797.6 (32) 12.04.23 (33) CN
 (43) 31.10.2024
 (72) CHENG, Shengbing; JIANG, Yuanfu; DONG, Bing; LI, Boyi
 (74) LexGeneris Pty Ltd

(71) DEEPMIND TECHNOLOGIES LIMITED
 (11) AU-A-2024227205
 (21) 2024227205 (22) 09.10.2024
 (54) GENERATING NEURAL NETWORK OUTPUTS BY ENRICHING LATENT EMBEDDINGS USING SELF-ATTENTION AND CROSS-ATTENTION OPERATIONS
 (51) Int. Cl.
G06N 3/04 (2023.01)
G06N 3/08 (2023.01)
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 (72) JAEGLE, Andrew Coulter; CARREIRA, Joao
 (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

(71) DEEPMIND TECHNOLOGIES LIMITED
 (11) AU-A-2024227268
 (21) 2024227268 (22) 11.10.2024
 (54) TRAINING RATE CONTROL NEURAL NETWORKS THROUGH REINFORCEMENT LEARNING
 (51) Int. Cl.
H04N 19/124 (2014.01)
H04N 19/136 (2014.01)
 (43) 31.10.2024
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 (72) ZHERNOV, Anton; GU, Chenjie; MANKOWITZ, Daniel J.; SCHRIT-TWIESER, Julian; MANDHANE, Amol Balkishan; RAUH, Mary Elizabeth; WANG, Miaosen; HUBERT, Thomas Keisuke
 (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

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(71) DePuy Synthes Products, Inc.
 (11) AU-A-2024227253

(21) 2024227253 (22) 11.10.2024
 (54) Orthopedic adapter for an electric impacting tool
 (51) Int. Cl.
A61B 17/66 (2006.01)
A61B 17/56 (2006.01)
A61B 17/92 (2006.01)
A61F 2/46 (2006.01)

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 (72) PEDICINI, Christopher
 (74) Spruson & Ferguson

(71) Dexcom, Inc.
 (11) AU-A-2024227267
 (21) 2024227267 (22) 11.10.2024
 (54) Flexible analyte sensors
 (51) Int. Cl.
A61B 5/145 (2006.01)
A61B 5/1486 (2006.01)
C12Q 1/02 (2006.01)

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 (72) WANG, Shanger; HEADEN, Devon M.; BÖHM, Sebastian; HUGHES, Jonathan; LEE, Ted Tang; SIMPSON, Peter C.; ZOU, Jiong
 (74) FB Rice Pty Ltd

(71) Dexcom, Inc.
 (11) AU-A-2024227316
 (21) 2024227316 (22) 14.10.2024
 (54) System and method for decision support using lifestyle factors
 (51) Int. Cl.
G16H 40/63 (2018.01)
G01N 33/66 (2006.01)
G16H 50/20 (2018.01)

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 (74) FB Rice Pty Ltd

(71) Digital Diagnostics Inc.
 (11) AU-A-2024227375
 (21) 2024227375 (22) 16.10.2024
 (54) Using a set of machine learning diagnostic models to determine a diagnosis based on a skin tone of a patient
 (51) Int. Cl.
A61B 5/00 (2006.01)
G06N 3/08 (2023.01)
G06T 1/00 (2006.01)
G06T 7/00 (2017.01)
G06V 10/40 (2022.01)
G06V 30/18 (2022.01)
G16H 30/40 (2018.01)
G16H 50/20 (2018.01)

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(21) 2024202285 (22) 10.04.2024
(54) Graph simulation for facial micro features with dynamic animation
(51) Int. Cl.
G06T 15/04 (2011.01)
G06N 20/00 (2019.01)
G06T 7/12 (2017.01)
G06T 13/40 (2011.01)
G06T 17/30 (2006.01)
(31) 18/628602 (32) 05.04.24 (33) US
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(43) 31.10.2024
(72) BRADLEY, Derek Edward;
CHANDRAN, Prashanth; URNAU GO-TARDO, Paulo Fabiano; WEISS, Sebastian Klaus; ZOISS, Gaspard
(74) FPA Patent Attorneys Pty Ltd
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(54) Graph simulation for facial micro features with dynamic animation
(51) Int. Cl.
G06T 17/00 (2006.01)
G06T 7/162 (2017.01)
G06T 15/00 (2011.01)
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(31) 18/628611 (32) 05.04.24 (33) US
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(11) AU-A-2024227265
(21) 2024227265 (22) 11.10.2024
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(51) Int. Cl.
G10L 19/008 (2013.01)
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(21) 2024227298 (22) 14.10.2024
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(51) Int. Cl.
A61M 5/158 (2006.01)
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(21) 2024227368 (22) 16.10.2024
(54) Air distribution apparatus
(51) Int. Cl.
B60H 1/32 (2006.01)
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B60H 1/26 (2006.01)
B60H 1/34 (2006.01)
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(11) AU-A-2024227212
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(54) A 7H-pyrrolo[2,3-d]pyrimidine JAK-inhibitor
(51) Int. Cl.
A61P 17/00 (2006.01)
A61K 31/519 (2006.01)
C07D 487/04 (2006.01)
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(72) HU, Jingdan; WOODS, Timothy Andrew
(74) Spruson & Ferguson
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(11) AU-A-2024227337
(21) 2024227337 (22) 15.10.2024
(54) ENCODING METHOD AND DECODING METHOD, AND DEVICE USING SAME
(51) Int. Cl.
H04N 19/593 (2014.01)
(43) 31.10.2024
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- (71) Fisher & Paykel Healthcare Limited
(11) AU-A-2024227159
(21) 2024227159 (22) 08.10.2024
(54) A COMPONENT FOR CONVEYING GASES.
(51) Int. Cl.
A61M 16/08 (2006.01)
(43) 31.10.2024
(62) 2022204918
(72) Graham, Peter Kenneth; Chu, Shu-Yi; Garcia, Enrico Alvarez
(74) AJ PARK
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- (71) Fisher & Paykel Healthcare Limited
(11) AU-A-2024227198
(21) 2024227198 (22) 09.10.2024
(54) METHODS AND APPARATUS FOR OXYGENATION AND/OR CO2 REMOVAL
(51) Int. Cl.
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- (54) Hydrogen Supply System, Hydrogen Station, And Hydrogen Supply/Demand Management Method
(51) Int. Cl.
F17C 5/06 (2006.01)
F17C 11/00 (2006.01)
F17C 13/02 (2006.01)
G06Q 50/06 (2012.01)
H01M 8/00 (2016.01)
H01M 8/04537 (2016.01)
H01M 8/04858 (2016.01)
H01M 8/0656 (2016.01)
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(72) SEIKE, Tadashi; MINODA, Ai; MAEDA, Seiji
(74) WRAYS PTY LTD
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- (71) Farrell, R.; Galli, D.; Gubbels, B.
(11) AU-A-2024202492
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(54) A HEIGHT-ADJUSTABLE REINFORCEMENT BAR STAND FOR SUPPORTING REINFORCEMENT BARS ABOVE A SURFACE
(51) Int. Cl.
E04C 5/20 (2006.01)
E04C 5/16 (2006.01)
E04C 5/18 (2006.01)
(31) 2023901136 (32) 17.04.23 (33) AU
(43) 31.10.2024
(72) Farrell, Ron
(74) Griffith Hack
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- (71) Fidelity ADT (Pty) Limited
(11) AU-A-2024227323
(21) 2024227323 (22) 15.10.2024
(54) SECURITY SYSTEM WITH CLOUD-BASED CONTROLLER
(51) Int. Cl.
G08B 25/10 (2006.01)
(43) 31.10.2024
(62) 2018392855
(72) JOUBERT, Johannes Willem Jakobus; WESSELS, Carel Lourens
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(11) AU-A-2024227159
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(54) A COMPONENT FOR CONVEYING GASES.
(51) Int. Cl.
A61M 16/08 (2006.01)
(43) 31.10.2024
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(72) Graham, Peter Kenneth; Chu, Shu-Yi; Garcia, Enrico Alvarez
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(11) AU-A-2024227198
(21) 2024227198 (22) 09.10.2024
(54) METHODS AND APPARATUS FOR OXYGENATION AND/OR CO2 REMOVAL
(51) Int. Cl.

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A61B 5/087 (2006.01)
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(11) AU-A-2024227339
(21) 2024227339 **(22)** 15.10.2024
(54) FRAME AND HEADGEAR FOR RESPIRATORY MASK SYSTEM
(51) Int. Cl.
A61M 16/06 (2006.01)
(43) 31.10.2024
(62) 2018332520
(72) PEREIRA, Priyanka Ferdinand; GALGALI, Amit; GRAHAM, Ryan Anthony; HOCKING, Jake Baker; GORDON, Callum Ross; RICHARDSON, Thomas Mark; THOMPSON, Mark Andrew; GAO, Vicky Dan; WILLIS, Cameron Robert; KIMPTON, Jordan Dean Jones; SINTIVE, Bruno
(74) AJ PARK

(71) FISHER & PAYKEL HEALTHCARE LIMITED
(11) AU-A-2024227202
(21) 2024227202 **(22)** 09.10.2024
(54) BREATHING CONTROL USING HIGH FLOW RESPIRATION ASSISTANCE
(51) Int. Cl.
A61M 16/00 (2006.01)
(43) 31.10.2024
(62) 2023216879
(72) TATKOV, Stanislav; WHITING, David Robin; HARWOOD, Jonathan David
(74) AJ PARK

(71) FISHER & PAYKEL HEALTHCARE LIMITED
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(54) BREATHING APPARATUS
(51) Int. Cl.
A61M 16/06 (2006.01)
A44B 11/28 (2006.01)
(43) 31.10.2024
(62) 2022204190
(72) HUANG, Wen Dong; GARDIOLA, Arvin San Jose; STEPHENSON, Matthew Roger; LIM, Toong Chuo; WALLS, Bruce Michael; YOUNG, Jeremy Owen
(74) AJ PARK

(71) FLEXOPTIX GMBH
(11) AU-A-2024202266
(21) 2024202266 **(22)** 09.04.2024
(54) Transceiver interface and transceiver system
(51) Int. Cl.
H04B 1/3888 (2015.01)

H01R 31/06 (2006.01)
H04B 1/38 (2015.01)
H04B 10/40 (2013.01)
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(72) Önal, David Elias; Weible, Thomas; Arnold, Markus
(74) Alder IP Pty Ltd

(71) Forty Seven, Inc.; The Board of Trustees of The Leland Stanford Junior University
(11) AU-A-2024227248
(21) 2024227248 **(22)** 11.10.2024
(54) Dosing parameters for CD47 targeting therapies to hematologic malignancies
(51) Int. Cl.
C07K 16/28 (2006.01)
(43) 31.10.2024
(62) 2018290248
(72) MAJETI, Ravindra; CHAO, Mark P.; LIU, Jie; VOLKMER, Jens-Peter; WEISSMAN, Irving L.
(74) FPA Patent Attorneys Pty Ltd

(71) Forwood Enterprises Pty Ltd
(11) AU-A-2024227169
(21) 2024227169 **(22)** 08.10.2024
(54) FATALITY LEARNING SYSTEM AND METHOD.
(51) Int. Cl.
G06F 17/00 (2019.01)
(43) 31.10.2024
(62) 2023200379
(72) Wood, Stephen Mark
(74) WRAYS PTY LTD

Galli, D. see Farrell, R.
(21) 2024202492

(71) Gervais, M.
(11) AU-A-2024202369
(21) 2024202369 **(22)** 11.04.2024
(54) Wall with Passive Ventilation for Dwelling
(51) Int. Cl.
E04F 17/04 (2006.01)
E04B 1/70 (2006.01)
E04B 2/56 (2006.01)
E04D 13/17 (2006.01)
F24F 7/00 (2021.01)
E04B 1/00 (2006.01)
E04B 1/32 (2006.01)
E04B 7/08 (2006.01)
E04H 1/02 (2006.01)
(31) 2023901056 **(32)** 11.04.23 **(33)** AU
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(72) Gervais, Mathieu
(74) Sandercock & Cowie

(71) Gilead Sciences, Inc.
(11) AU-A-2024227231
(21) 2024227231 **(22)** 10.10.2024
(54) Remdesivir treatment methods
(51) Int. Cl.

A61K 31/661 (2006.01)
A61K 31/4706 (2006.01)
A61K 31/706 (2006.01)
A61P 31/14 (2006.01)
(43) 31.10.2024
(62) 2021281351
(72) CIHLAR, Tomas
(74) Davies Collison Cave Pty Ltd

(71) Gilead Sciences, Inc.
(11) AU-A-2024227286
(21) 2024227286 **(22)** 11.10.2024
(54) Antiviral compounds
(51) Int. Cl.
A61P 31/12 (2006.01)
A61K 31/675 (2006.01)
C07F 9/6561 (2006.01)
C07H 7/06 (2006.01)
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(72) BYUN, Daniel H.; CHIN, Gregory F.; CLARKE, Michael O.; GOYAL, Bindu; JANSÁ, Petr; MACKMAN, Richard L.; MISH, Michael R.; SIEGEL, Dustin S.
(74) FPA Patent Attorneys Pty Ltd

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(11) AU-A-2024227155
(21) 2024227155 **(22)** 08.10.2024
(54) Carboxy-benzimidazole GLP-1R modulating compounds.
(51) Int. Cl.
C07D 401/10 (2006.01)
A61K 31/4439 (2006.01)
A61K 31/444 (2006.01)
A61K 31/497 (2006.01)
A61K 31/4985 (2006.01)
A61K 31/506 (2006.01)
A61K 31/5377 (2006.01)
A61P 1/16 (2006.01)
A61P 3/04 (2006.01)
A61P 3/10 (2006.01)
C07D 401/14 (2006.01)
C07D 405/14 (2006.01)
C07D 409/14 (2006.01)
C07D 413/14 (2006.01)
C07D 471/04 (2006.01)
C07D 471/08 (2006.01)
C07D 487/04 (2006.01)
C07D 491/048 (2006.01)
C07D 493/04 (2006.01)
C07D 493/08 (2006.01)
C07D 493/10 (2006.01)

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(72) ARMSTRONG, Megan K.; CASSIDY, James S.; CHIN, Elbert; CHOU, Chienhung; COTTELL, Jeremy J.; HUNG, Chao-I; KOLAHDOUZAN, Kavoo; LIN, David W.; MITCHELL, Michael L.; ROBERTS, Ezra; SCHROEDER, Scott D.; SHAPIRO, Nathan D.; TAYLOR, James G.; THOMAS-TRAN, Rhiannon; WRIGHT, Nathan E.; YANG, Zheng-Yu
(74) FPA Patent Attorneys Pty Ltd

(71) Glaukos Corporation
(11) AU-A-2024227342
(21) 2024227342 **(22)** 15.10.2024

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(54) Systems and methods for delivering multiple ocular implants

(51) Int. Cl.
A61F 9/007 (2006.01)
A61F 9/00 (2006.01)

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(62) 2018346229

(72) KALINA, JR.; FJIELD, Todd N.; CRIMALDI, Douglas Daniel; BENJAMINSON, Emma Claire; BROWN, Tyler Joseph; MARTIN, Richard William

(74) Davies Collison Cave Pty Ltd

(71) Google LLC

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(54) GENERATING VIDEOS USING SEQUENCES OF GENERATIVE NEURAL NETWORKS

(51) Int. Cl.
G06N 3/08 (2023.01)
G06N 3/02 (2006.01)
G06T 3/40 (2006.01)
G06T 5/00 (2006.01)

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(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) GOOGLE LLC

(11) AU-A-2024227377
(21) 2024227377 (22) 16.10.2024

(54) VIRTUAL DISTILLATION FOR QUANTUM ERROR MITIGATION

(51) Int. Cl.
G06N 10/70 (2022.01)
G06N 10/20 (2022.01)

(43) 31.10.2024
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(72) HUGGINS, William; MCCLEAN, Jarrod Ryan

(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) GRAPE KING BIO LTD

(11) AU-A-2023266299
(21) 2023266299 (22) 15.11.2023

(54) Anti-fatigue lactobacillus composition and use thereof

(51) Int. Cl.
C12N 1/20 (2006.01)
A23L 33/135 (2016.01)
A61K 35/747 (2015.01)
A61P 43/00 (2006.01)
C12R 1/225 (2006.01)
C12R 1/24 (2006.01)
C12R 1/25 (2006.01)

(31) 112113702 (32) 12.04.23 (33) TW
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(72) Chin-Chu CHEN; Yen-Lien CHEN; Shih-Wei LIN; You-Shan TSAI; Tzu-Chun LIN; Ci-Sian WANG; Yu-Hsin HOU; Yang-Tzu SHIH; Ching-Wen LIN; Ya-Jyun CHEN; Jia-Lin JIANG; Zi-He WU; Yen-Po CHEN

(74) Allens Patent & Trade Mark Attorneys

(71) Greyscan Pty Ltd

(11) AU-A-2024227185
(21) 2024227185 (22) 09.10.2024

(54) Elution and detection

(51) Int. Cl.
G01N 27/447 (2006.01)
B01D 57/02 (2006.01)
G01N 27/26 (2006.01)
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(74) Davies Collison Cave Pty Ltd

Gubbels, B. see Farrell, R.

(21) 2024202492

(71) Hologic, Inc.

(11) AU-A-2024227233
(21) 2024227233 (22) 10.10.2024

(54) X-ray breast tomosynthesis enhancing spatial resolution including in the thickness direction of a flattened breast

(51) Int. Cl.
G06T 11/00 (2006.01)

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(72) SMITH, Andrew Paul; STEIN, Jay; DEFREITAS, Kenneth; SHAW, Ian

(74) FB Rice Pty Ltd

(71) HOWMEDICA OSTEONICS CORP.

(11) AU-A-2024202282
(21) 2024202282 (22) 10.04.2024

(54) IMPLANT SUPPORT STRUCTURE AND METHOD OF FABRICATION OF IMPLANT USING THE SAME

(51) Int. Cl.
B29C 64/10 (2017.01)
A61F 2/32 (2006.01)
B29C 64/153 (2017.01)
B29C 64/188 (2017.01)
B29C 64/245 (2017.01)
B29C 64/268 (2017.01)

B33Y 10/00 (2015.01)
B33Y 30/00 (2015.01)
B33Y 80/00 (2015.01)

(31) 63/458,748 (32) 12.04.23 (33) US
(43) 31.10.2024

(72) CROUS, Heinrich George
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) HRBeauty LLC

(11) AU-A-2024204841
(21) 2024204841 (22) 13.07.2024

(54) APPARATUS AND METHOD

(51) Int. Cl.
A45C 11/00 (2006.01)
H04B 1/3888 (2015.01)

(31) 18/639,243 (32) 18.04.24 (33) US
3235716 18.04.24 CA

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(72) BIEBER, Hailey Rhode; STEED, Helen; SONNTAG, Sam

(74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD

(71) Huawei Technologies Co., Ltd.

(11) AU-A-2024227227
(21) 2024227227 (22) 10.10.2024

(54) METHOD AND APPARATUS FOR INTRA PREDICTION

(51) Int. Cl.
H04N 19/593 (2014.01)

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(62) 2023229601

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(71) Huawei Technologies Co., Ltd.

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(54) NULL DATA PACKET ANNOUNCEMENT FRAME TRANSMISSION METHOD AND RELATED APPARATUS

(51) Int. Cl.
H04B 7/06 (2006.01)

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(72) Yu, Jian; Guo, Yuchen; Liu, Chenchen; Li, Yunbo; Gan, Ming; Liang, Dandan

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(71) Huntley, S.

(11) AU-A-2024227160
(21) 2024227160 (22) 08.10.2024

(54) An Adaptive and Adaptable Message Display System.

(51) Int. Cl.
G08G 1/09 (2006.01)
E01F 9/608 (2016.01)
E01F 9/615 (2016.01)
F21S 4/00 (2016.01)
G08G 1/07 (2006.01)
G08G 1/16 (2006.01)
G09F 9/302 (2006.01)
G09F 13/00 (2006.01)

(43) 31.10.2024
(62) 2019225391

(72) HUNTLEY, Sean

(74) Michael Buck IP

(71) Illinois Tool Works Inc.

(11) AU-A-2024202348
(21) 2024202348 (22) 11.04.2024

(54) Fastener driving tool having a retractable probe assembly

(51) Int. Cl.
B25C 1/08 (2006.01)
B25C 1/00 (2006.01)
B25C 7/00 (2006.01)

(31) 63/496087 (32) 14.04.23 (33) US
18/626989 04.04.24 US

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 (51) Int. Cl.
C12Q 1/6806 (2018.01)
C12Q 1/6837 (2018.01)
C12Q 1/6855 (2018.01)
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 (51) Int. Cl.
C07C 51/487 (2006.01)
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C12P 7/40 (2006.01)
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 (51) Int. Cl.
A61M 39/10 (2006.01)
A61M 39/26 (2006.01)
F16L 37/02 (2006.01)
F16L 37/08 (2006.01)
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A61G 7/10 (2006.01)
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 (51) Int. Cl.
A61K 38/48 (2006.01)
A61P 29/00 (2006.01)
C07K 14/33 (2006.01)
C12N 9/52 (2006.01)
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 (51) Int. Cl.
B62B 7/06 (2006.01)
A01K 1/02 (2006.01)
A47D 13/02 (2006.01)
B60N 2/28 (2006.01)
B62B 7/14 (2006.01)
B62B 9/10 (2006.01)
B62B 9/14 (2006.01)
B62B 9/18 (2006.01)
F16F 9/54 (2006.01)
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 (74) Allens Patent & Trade Mark Attorneys
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B65G 23/06 (2006.01)
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A61K 31/415 (2006.01)
A61K 31/4155 (2006.01)
A61K 31/421 (2006.01)
A61K 31/4439 (2006.01)
A61P 25/28 (2006.01)
G01N 33/68 (2006.01)
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G07C 13/02 (2006.01)
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 (21) 2024227308 (22) 14.10.2024
 (54) Method Of Blasting Using Jet Units Charged In A Blast-Hole
 (51) Int. Cl.
F42D 3/04 (2006.01)
F42B 1/028 (2006.01)
F42D 1/08 (2006.01)
F42B 1/032 (2006.01)
 (43) 31.10.2024
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 (51) Int. Cl.
B60W 50/00 (2006.01)
B60W 40/076 (2012.01)
B60W 40/105 (2012.01)
B60W 40/107 (2012.01)
B60W 40/109 (2012.01)
B60W 40/13 (2012.01)
B60W 50/14 (2020.01)
B60W 30/14 (2006.01)
B60W 60/00 (2020.01)
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 (74) BRM Patent Attorneys Pty Ltd
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A61F 9/02 (2006.01)

G02C 3/00 (2006.01)

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(51) Int. Cl.

H01J 45/00 (2006.01)

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A61K 9/20 (2006.01)

A61K 31/4155 (2006.01)

A61P 19/06 (2006.01)

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(54) PORTABLE DISPLAY DEVICE AND CONTROL METHOD FOR THE SAME

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G06F 16/70 (2019.01)

G06F 3/048 (2013.01)

H04M 1/72403 (2021.01)

H04N 5/262 (2006.01)

H04N 21/41 (2011.01)

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(72) KIM, Yunam; KANG, Sinan

(74) Dentons Patent Attorneys Australasia Limited

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(54) DISPLAY APPARATUS AND METHOD FOR CONTROLLING THE SAME

(51) Int. Cl.

G06F 3/048 (2013.01)

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G09G 5/12 (2006.01)

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A47L 15/48 (2006.01)

A47L 15/42 (2006.01)

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(54) Dishwasher

(51) Int. Cl.

A47L 15/48 (2006.01)

A47L 15/00 (2006.01)

A47L 15/42 (2006.01)

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(51) Int. Cl.

A47L 15/48 (2006.01)

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(51) Int. Cl.

C12N 15/113 (2010.01)

A61K 31/711 (2006.01)

A61K 48/00 (2006.01)

A61P 25/28 (2006.01)

C12N 15/55 (2006.01)

C12N 15/85 (2006.01)

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G06Q 20/32 (2012.01)

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(54) LIQUID SEPARATOR SYSTEM

(51) Int. Cl.

F01M 13/04 (2006.01)

F01M 13/00 (2006.01)

F02M 35/10 (2006.01)

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(51) Int. Cl.

A61B 18/22 (2006.01)

G01B 11/02 (2006.01)

G02B 23/24 (2006.01)

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G01N 33/50 (2006.01)
G06K 19/06 (2006.01)
G06K 19/07 (2006.01)
A01K 11/00 (2006.01)
(31) 2023901077 (32) 12.04.23 (33) AU
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A61K 31/57 (2006.01)
C12Q 1/68 (2018.01)

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(21) 2024227269 (22) 11.10.2024
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A61F 2/30 (2006.01)
A61M 5/142 (2006.01)

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C12N 5/0735 (2010.01)
A61K 35/12 (2015.01)
A61P 25/16 (2006.01)
C12N 5/074 (2010.01)

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B65D 19/00 (2006.01)
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(11) AU-A-2024227208
(21) 2024227208 (22) 10.10.2024

(54) Treatment of diseases of endothelial dysfunction and inflammation

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C12N 5/077 (2010.01)
A61K 35/28 (2015.01)
A61P 9/00 (2006.01)
A61P 13/12 (2006.01)
C12N 5/0789 (2010.01)

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(21) 2024227344 (22) 15.10.2024
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C12N 5/0775 (2010.01)

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H01M 50/409 (2021.01)
H01M 10/0562 (2010.01)
H01M 50/40 (2021.01)
H01M 50/572 (2021.01)

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C21C 5/46 (2006.01)
C21C 5/54 (2006.01)
C21C 7/00 (2006.01)
F27B 3/08 (2006.01)
F27D 11/10 (2006.01)

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(21) 2024227312 (22) 14.10.2024

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B01L 3/00 (2006.01)

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(54) Increasing gene editing and site-directed integration Events utilizing developmental promoters

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C12N 15/82 (2006.01)
A01H 4/00 (2006.01)
C12N 5/04 (2006.01)
C12N 9/22 (2006.01)
C12N 15/11 (2006.01)

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(21) 2024227370 (22) 16.10.2024
(54) Noninvasive cranial nerve therapy

- (51) Int. Cl.
A61N 1/32 (2006.01)
A61N 1/20 (2006.01)
A61N 1/40 (2006.01)

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(11) AU-A-2024227283
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(54) Saliva testing system
(51) Int. Cl.
A61B 5/00 (2006.01)
A61B 5/145 (2006.01)
G01N 33/50 (2006.01)

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(21) 2024227234 **(22)** 10.10.2024
(54) FLESH-ILLUMINATING DEVICE
(51) Int. Cl.
A61N 5/00 (2006.01)
A61N 5/06 (2006.01)
F21L 4/00 (2006.01)
F21L 4/02 (2006.01)
F21V 1/00 (2006.01)
F21V 3/00 (2015.01)
F21V 3/02 (2006.01)
F21V 3/04 (2018.01)
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C12Q 1/6869 (2018.01)
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(54) MECHANICAL PRESSURE REGULATOR FOR CRYOGENIC FLUIDS
(51) Int. Cl.
F16K 7/12 (2006.01)
F17C 7/02 (2006.01)
F17C 13/02 (2006.01)
F17C 13/04 (2006.01)
(31) 23305538.3 **(32)** 11.04.23 **(33)** EP
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(74) Halfords IP

(71) Nichiha Corporation
(11) AU-A-2024227240
(21) 2024227240 **(22)** 10.10.2024
(54) BUILDING MATERIAL AND METHOD FOR MANUFACTURING BUILDING MATERIAL
(51) Int. Cl.
B28B 1/52 (2006.01)
C04B 14/18 (2006.01)
C04B 14/20 (2006.01)
C04B 14/38 (2006.01)
C04B 16/08 (2006.01)
C04B 18/10 (2006.01)
C04B 18/26 (2006.01)
C04B 28/02 (2006.01)

E04F 13/08 (2006.01)
E04F 13/14 (2006.01)
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(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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(21) 2024227296 **(22)** 14.10.2024
(54) Methods for radiolabelling PSMA binding ligands and their kits
(51) Int. Cl.
A61K 51/04 (2006.01)
A61K 51/12 (2006.01)
C07B 59/00 (2006.01)
A61K 103/00 (2006.01)
A61K 103/30 (2006.01)
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(72) BARBATO, Donato; FUGAZZA, Lorenza; TEDESCO, Mattia; CASTALDI, Elena
(74) Davies Collison Cave Pty Ltd

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(11) AU-A-2024227297
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(54) Methods for radiolabeling PSMA binding ligands and their kits
(51) Int. Cl.
A61K 51/04 (2006.01)
A61K 51/12 (2006.01)
C07B 59/00 (2006.01)
A61K 103/00 (2006.01)
A61K 103/30 (2006.01)
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(54) Semaglutide in cardiovascular conditions
(51) Int. Cl.
A61K 38/26 (2006.01)
A61P 3/10 (2006.01)
A61P 9/00 (2006.01)
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(72) Hansen, Oluf Kristian Højbjerg
(74) Pearce IP Pty Ltd

(71) NTHALMIC HOLDING PTY LTD
(11) AU-A-2024205646
(21) 2024205646 **(22)** 09.08.2024
(54) Optical films with non-refractive opaque features to transform single vision ophthalmic lenses into myopia management ophthalmic lenses
(51) Int. Cl.

G02C 7/02 (2006.01)
(43) 31.10.2024
(62) 2021229904,2023203249
(72) BAKARAJU, Ravi Chandra; EHRMANN, Klaus
(74) NTHALMIC HOLDING PTY LTD

(71) Numat Technologies Inc.
(11) AU-A-2024227216
(21) 2024227216 **(22)** 10.10.2024
(54) MODIFIED METAL-ORGANIC FRAMEWORK (MOF) COMPOSITIONS, PROCESS OF MAKING AND PROCESS OF USE THEREOF
(51) Int. Cl.
B01J 20/22 (2006.01)
B01D 53/02 (2006.01)
(43) 31.10.2024
(62) 2021245855
(72) WESTON, Mitchell Hugh; MORRIS, William; HOOVER, William Joseph; FULLER, Patrick Emmett; SIEGFRIED, John Paul; GROV, Randi Danielle; WELLS, Jeffrey Loren; WANG, Timothy Chiaan; ARGUETA FAJARDO, Edwin Alfonso
(74) Remarkable IP

(71) Ocado Innovation Limited
(11) AU-A-2024227130
(21) 2024227130 **(22)** 04.10.2024
(54) RECHARGEABLE POWER SOURCE FOR A LOAD HANDLING DEVICE
(51) Int. Cl.
B65G 1/04 (2006.01)
(43) 31.10.2024
(62) 2021210621
(72) CORSER, Philip; FLYNN, Damian
(74) James & Wells Intellectual Property

(71) Ohio State Innovation Foundation
(11) AU-A-2024227190
(21) 2024227190 **(22)** 09.10.2024
(54) METHOD FOR PRODUCING THERAPEUTIC EXOSOMES FROM NANOELECTROPORATION AND OTHER NON-ENDOCYTIC CELL TRANSFECTION
(51) Int. Cl.
C12N 13/00 (2006.01)
A61K 9/00 (2006.01)
A61M 5/158 (2006.01)
A61M 37/00 (2006.01)
(43) 31.10.2024
(62) 2018312099
(72) LEE, Ly James; SHI, Junfeng; YANG, Zhaogang
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) One Home Brands, Inc.
(11) AU-A-2024227250
(21) 2024227250 **(22)** 11.10.2024
(54) Stable anhydrous laundry detergent concentrate and method of making same
(51) Int. Cl.

Applications Open to Public Inspection - Name Index cont'd

C11D 17/00 (2006.01)
C11D 3/00 (2006.01)
C11D 3/10 (2006.01)
C11D 3/20 (2006.01)
C11D 3/386 (2006.01)
C11D 11/00 (2006.01)
C11D 17/04 (2006.01)
C11D 17/06 (2006.01)
(43) 31.10.2024
(62) 2020439415
(72) NAQVI, Syed Humza
(74) Davies Collison Cave Pty Ltd

(71) Oticon Medical A/S
(11) AU-A-2024202314
(21) 2024202314 **(22)** 10.04.2024
(54) Bone Anchored Hearing Aid Device Unit
(51) Int. Cl.
H04R 25/00 (2006.01)
(31) 23167707.1 **(32)** 13.04.23 **(33)** EM
(43) 31.10.2024
(72) JOHANSSON, Martin; KOCHER, Johannes; CALIXTO, Roger; JØRGENSEN, Lars Vincents; CARLSSON, Matthias
(74) Golja Haines & Friend

(71) Oticon Medical A/S
(11) AU-A-2024202385
(21) 2024202385 **(22)** 11.04.2024
(54) Bone Anchored Hearing Aid Device Unit
(51) Int. Cl.
H04R 25/02 (2006.01)
(31) 23167705.5 **(32)** 13.04.23 **(33)** EM
(43) 31.10.2024
(72) JOHANSSON, Martin; KOCHER, Johannes; CARLSSON, Matthias; SH-ETTY, Vikram; ROSENGREN, Johan
(74) Golja Haines & Friend

(71) Owens-Brockway Glass Container Inc.
(11) AU-A-2024227221
(21) 2024227221 **(22)** 10.10.2024
(54) System for preheating glass melting furnace batch materials
(51) Int. Cl.
C03B 3/02 (2006.01)
(43) 31.10.2024
(62) 2019211149
(72) FAYERWEATHER, Carl L.; GAERKE, Dale A.; ROTH, Robert
(74) Spruson & Ferguson

(71) Owens-Brockway Glass Container Inc.
(11) AU-A-2024227224
(21) 2024227224 **(22)** 10.10.2024
(54) System for preheating glass melting furnace batch materials
(51) Int. Cl.
C03B 3/02 (2006.01)
(43) 31.10.2024
(62) 2019211149
(72) FAYERWEATHER, Carl L.; GAERKE, Dale A.; ROTH, Robert
(74) Spruson & Ferguson

(71) PANDOE PTY LTD
(11) AU-A-2024227168
(21) 2024227168 **(22)** 08.10.2024
(54) SUPPORT FRAME.
(51) Int. Cl.
F16M 11/24 (2006.01)
F16M 11/20 (2006.01)
F16M 13/02 (2006.01)
F24F 1/16 (2011.01)
(43) 31.10.2024
(62) 2019240664
(72) DIDONNA, Joe; PARSONS, Kerry George
(74) Churchill Attorneys

(71) PANGANG GROUP PANZHUIHUA IRON & STEEL RESEARCH INSTITUTE CO., LTD.; PANGANG GROUP PANZHUIHUA STEEL & VANADIUM CO., LTD.
(11) AU-A-2024211006
(21) 2024211006 **(22)** 11.04.2024
(54) SCRATCH-RESISTANT AND HIGH-STRENGTH AND -TOUGHNESS STEEL RAIL AND PREPARATION METHOD THEREFOR
(51) Int. Cl.
C21D 1/18 (2006.01)
B21B 1/085 (2006.01)
B22D 11/00 (2006.01)
C22C 38/02 (2006.01)
C22C 38/04 (2006.01)
C22C 38/42 (2006.01)
C22C 38/46 (2006.01)
C22C 38/48 (2006.01)
C22C 38/50 (2006.01)
(31) 202310394415.0 **(32)** 13.04.23 **(33)** CN
(43) 31.10.2024
(72) CHEN, Chongmu; YUAN, Jun; WANG, Yuan; YANG, Dawei
(74) James & Wells Intellectual Property

PANGANG GROUP PANZHUIHUA STEEL & VANADIUM CO., LTD. see PANGANG GROUP PANZHUIHUA IRON & STEEL RESEARCH INSTITUTE CO., LTD.
(21) 2024211006

(71) PARKD Ltd
(11) AU-A-2024202413
(21) 2024202413 **(22)** 12.04.2024
(54) CONSTRUCTION SYSTEM AND METHOD AND CONNECTION SYSTEM THEREFOR
(51) Int. Cl.
E04B 5/36 (2006.01)
E04B 1/19 (2006.01)
E04B 1/24 (2006.01)
E04B 5/18 (2006.01)
E04B 5/23 (2006.01)
E04B 5/26 (2006.01)
E04B 5/29 (2006.01)
E04B 5/32 (2006.01)
E04H 6/10 (2006.01)
(31) 2023901110 **(32)** 14.04.23 **(33)** AU

(43) 31.10.2024
(72) McUtchen, Peter
(74) Westmark IP

(71) PDS Biotechnology Corporation
(11) AU-A-2024227246
(21) 2024227246 **(22)** 11.10.2024
(54) Novel HPV16 non HLA-restricted T-cell vaccines, compositions and methods of use thereof
(51) Int. Cl.
C07K 14/00 (2006.01)
A61K 9/127 (2006.01)
A61K 38/00 (2006.01)
A61K 39/00 (2006.01)
A61K 39/12 (2006.01)
(43) 31.10.2024
(62) 2021200200
(72) Frank, BEDU-ADDO; Greg, CONN; Martin, WARD; Jerold, WOODWARD
(74) FB Rice Pty Ltd

(71) PepsiCo, Inc.
(11) AU-A-2024227238
(21) 2024227238 **(22)** 10.10.2024
(54) CARBONATED BEVERAGE MAKERS, METHODS, AND SYSTEMS
(51) Int. Cl.
A23L 2/54 (2006.01)
A23L 2/40 (2006.01)
(43) 31.10.2024
(62) 2022204424
(72) Jersey, Steven T.; Brown, Stephen; Goudarzi, Farideh; Headen, Steven; Hember, Miles; Norman, Alexander; Potter, Andrew; Stacey, Gary
(74) Allens Patent & Trade Mark Attorneys

(71) Potrero Medical, Inc.
(11) AU-A-2024219427
(21) 2024219427 **(22)** 05.09.2024
(54) Systems, devices and methods for draining and analyzing bodily fluids and assessing health
(51) Int. Cl.
A61B 5/20 (2006.01)
(43) 31.10.2024
(62) 2019249070
(72) STANTON, Kelly; SUTARIA, Saheel; SOKOLOV, Dimitri; BURNETT, Daniel R.
(74) Griffith Hack

(71) Pratt Retail Specialties, LLC
(11) AU-A-2024227354
(21) 2024227354 **(22)** 15.10.2024
(54) Insulated Box
(51) Int. Cl.
B65D 81/38 (2006.01)
B65D 5/00 (2006.01)
B65D 5/56 (2006.01)
(43) 31.10.2024
(62) 2018260915
(72) Waltermire, Jamie; Sollie, Greg; Ott, Paul
(74) Golja Haines & Friend

Applications Open to Public Inspection - Name Index cont'd

Project Leah, LLC see Nanev, A.

(21) 2024227234

(71) Quest Diagnostics Investments LLC
 (11) AU-A-2024227191
 (21) 2024227191 (22) 09.10.2024
 (54) Quantitation of tamoxifen and metabolites thereof by mass spectrometry
 (51) Int. Cl.
G01N 30/72 (2006.01)
A61K 31/135 (2006.01)
G01N 30/06 (2006.01)
G01N 33/15 (2006.01)
 (43) 31.10.2024
 (62) 2023204389
 (72) CLARKE, Nigel
 (74) Spruson & Ferguson

(71) QuiaPEG Pharmaceuticals AB
 (11) AU-A-2024227217
 (21) 2024227217 (22) 10.10.2024
 (54) RELEASABLE GLP-1 CONJUGATES
 (51) Int. Cl.
A61P 3/10 (2006.01)
A61K 38/26 (2006.01)
A61K 47/60 (2017.01)
 (43) 31.10.2024
 (62) 2019340472
 (72) KWIATKOWSKI, Marek; SUND, Christian
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Regeneron Pharmaceuticals, Inc.
 (11) AU-A-2024227193
 (21) 2024227193 (22) 09.10.2024
 (54) Anti-STEAP2 antibodies, antibody-drug conjugates, and bispecific antigen-binding molecules that bind STEAP2 and CD3, and uses thereof
 (51) Int. Cl.
C07K 16/30 (2006.01)
A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
 (43) 31.10.2024
 (62) 2017331361
 (72) Rudge, John; Delfino, Frank; Haber, Lauric; Smith, Eric; Kirshner, Jessica R.; Crawford, Alison; Nittoli, Thomas
 (74) Griffith Hack

(71) Regeneron Pharmaceuticals, Inc.
 (11) AU-A-2024227343
 (21) 2024227343 (22) 15.10.2024
 (54) Methods and systems for analysis of receptor interaction
 (51) Int. Cl.
G16B 15/30 (2019.01)
G16B 40/10 (2019.01)
G16B 40/20 (2019.01)
 (43) 31.10.2024
 (62) 2021259460
 (72) ZHANG, Wen; HE, Jing; GUPTA, Namita; ATWAL, Gurinder S.; HAWKINS, Peter
 (74) Davies Collison Cave Pty Ltd

(71) Robel Bahnbaumaschinen GmbH
 (11) AU-A-2024201980
 (21) 2024201980 (22) 27.03.2024
 (54) PROCESSING MACHINE AND METHOD FOR TRACK PROCESSING
 (51) Int. Cl.
E01B 29/28 (2006.01)
 (31) 10 2023 203 452.2 (32) 17.04.23 (33) DE
 (43) 31.10.2024
 (72) Hölzlwimmer, Thomas
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Rombus World Pty Ltd
 (11) AU-A-2024227352
 (21) 2024227352 (22) 15.10.2024
 (54) Support Product
 (51) Int. Cl.
E01C 9/00 (2006.01)
E01C 5/00 (2006.01)
E01C 11/00 (2006.01)
E01C 11/02 (2006.01)
E01C 5/20 (2006.01)
 (43) 31.10.2024
 (62) 2022221468
 (72) Johnston, Brett Jeffrey; Simmonds, Ryan
 (74) Integrated IP

(71) Rousselot B.V.
 (11) AU-A-2024227175
 (21) 2024227175 (22) 08.10.2024
 (54) Protein Based Excipient For Active Pharmaceutical Ingredients.
 (51) Int. Cl.
A61K 47/42 (2017.01)
A61K 47/34 (2017.01)
 (43) 31.10.2024
 (62) 2017256767
 (72) Vergauwen, Bjorn; Van De Mooter, Guy
 (74) WRAYS PTY LTD

(71) Schlage Lock Company LLC
 (11) AU-A-2024227128
 (21) 2024227128 (22) 04.10.2024
 (54) Ultra-wideband technologies for seamless access control
 (51) Int. Cl.
E05B 47/00 (2006.01)
G06F 1/3234 (2019.01)
G08C 19/00 (2006.01)
H01Q 5/25 (2015.01)
H04B 7/00 (2006.01)
H04W 52/02 (2009.01)
 (43) 31.10.2024
 (62) 2020391236
 (72) KINCAID, Ryan C.; PROSTKO, Robert; MARTENS, Robert; HOPKINS, Benjamin J.; BATY, David M.; VENKATESWARAN, Srikanth; BAKER, Christopher R.
 (74) Alder IP Pty Ltd

(71) Schneider Electric Systems USA, Inc.
 (11) AU-A-2024201796
 (21) 2024201796 (22) 20.03.2024

(54) TAG-TO-IMAGE STATUS IMAGE GENERATION
 (51) Int. Cl.
G05B 19/4103 (2006.01)
G06K 7/14 (2006.01)
G06N 20/00 (2019.01)
 (31) 18/135,230 (32) 17.04.23 (33) US
 (43) 31.10.2024
 (72) Redmond, James; Sobin, Zackery
 (74) RnB IP Pty Ltd

Seebacher, P. see Seebacher, N.
 (21) 2024201562

Seebacher, C. see Seebacher, N.
 (21) 2024201562

(71) Seebacher, N.; Seebacher, P.; Seebacher, C.
 (11) AU-A-2024201562
 (21) 2024201562 (22) 08.03.2024
 (54) Core and peripheral body temperature monitoring using an ear audio device.
 (51) Int. Cl.
A61B 5/01 (2006.01)
A61B 5/00 (2006.01)
G01K 13/20 (2021.01)
H04R 1/10 (2006.01)
H04R 25/00 (2006.01)
 (31) 2023901116 (32) 16.04.23 (33) AU
 (43) 31.10.2024
 (72) Seebacher, Nicole; Seebacher, Peter; Seebacher, Christopher
 (74) Peter Seebacher

(71) Selecta Biosciences, Inc.
 (11) AU-A-2024227204
 (21) 2024227204 (22) 09.10.2024
 (54) Methods and compositions for attenuating gene therapy anti-viral transfer vector immune responses
 (51) Int. Cl.
A61K 35/76 (2015.01)
A61K 45/08 (2006.01)
A61K 48/00 (2006.01)
A61P 37/06 (2006.01)
 (43) 31.10.2024
 (62) 2021203376
 (72) Kishimoto, Takashi Kei
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Seminis Vegetable Seeds, Inc.
 (11) AU-A-2024202194
 (21) 2024202194 (22) 05.04.2024
 (54) Spinach line MSA-S021-1336M
 (51) Int. Cl.
A01H 6/02 (2018.01)
A01H 5/12 (2018.01)
 (31) 63/459356 (32) 14.04.23 (33) US
 18/233093 11.08.23 US
 (43) 31.10.2024
 (72) MEEUWSEN, Johannes Theodorus Hendrikus
 (74) Davies Collison Cave Pty Ltd

Applications Open to Public Inspection - Name Index cont'd

(71) Seminis Vegetable Seeds, Inc.
 (11) AU-A-2024202284
 (21) 2024202284 (22) 10.04.2024
 (54) Methods and compositions for Peronospora resistance in spinach
 (51) Int. Cl.
A01H 6/02 (2018.01)
A01H 1/00 (2006.01)
A01H 1/02 (2006.01)
A01H 1/04 (2006.01)
A01H 5/10 (2018.01)
A01H 5/12 (2018.01)
C12N 15/82 (2006.01)
C12Q 1/6895 (2018.01)

(31) 63/496102 (32) 14.04.23 (33) US
 (43) 31.10.2024
 (72) GOOSSENS, Rudolphus Josephus Maria; KNISKERN, Joel M.; MEEUWSEN, Johannes Theodorus Hendrikus; OORSCHOT, Inge van; SELBY, Jessica Packard
 (74) Davies Collison Cave Pty Ltd

(71) Serum Institute of India Private Limited
 (11) AU-A-2024202450
 (21) 2024202450 (22) 15.04.2024
 (54) Methods for improving the adsorption of polysaccharide-protein conjugates and multivalent vaccine formulation obtained thereof
 (51) Int. Cl.
A61K 39/09 (2006.01)
A61K 39/116 (2006.01)
A61K 47/64 (2017.01)
A61P 31/04 (2006.01)

(31) 2185/MUM/2015 (32) 17.04.23 (33) IN
 (43) 31.10.2024
 (61) 2016276269
 (72) POONAWALLA, CYRUS; DHERE, RAJEEV; JANA, SWAPAN; JAIN, SHITAL; MAHAJAN, AMOL; PAUL, GOURAB; MALVIYA, HITESH; JOSHI, CHETAN; GAUTAM, MANISH; KALE, PRATHAMESH; GAIROLA, SUNIL; MALLYA, ASHA; SONI, DIPEN; PATNI, SUSHIL; GAVADE, VINAY
 (74) Griffith Hack

(71) SKF Lubrication Systems Germany GmbH
 (11) AU-A-2024201339
 (21) 2024201339 (22) 29.02.2024
 (54) CONTROL BLOCK FOR A LUBRICATION SYSTEM, AND A LUBRICATION SYSTEM
 (51) Int. Cl.
F16N 7/38 (2006.01)
F16N 23/00 (2006.01)

(31) 102023203272.4 (32) 11.04.23 (33) DE
 (43) 31.10.2024
 (72) Oettinger, Wolfgang Rudolf; Stellmach, Andreas Robert
 (74) PHILLIPS ORMONDE FITZPATRICK

SMS Group GmbH see Metix (Proprietary) Limited
 (21) 2024202279

(71) Spark Therapeutics, Inc.; The Children's Hospital of Philadelphia
 (11) AU-A-2024227138
 (21) 2024227138 (22) 06.10.2024
 (54) METHODS AND VECTORS FOR TREATING CNS DISORDERS
 (51) Int. Cl.
A61K 38/46 (2006.01)
A61K 38/48 (2006.01)
A61K 48/00 (2006.01)
C12N 15/86 (2006.01)

(43) 31.10.2024
 (62) 2017318717
 (72) High, Katherine A.; Davidson, Beverly L.
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) Stanley Motors Inc.
 (11) AU-A-2024227249
 (21) 2024227249 (22) 11.10.2024
 (54) ELECTRICAL POWER GENERATING UNIT
 (51) Int. Cl.
H02K 11/00 (2016.01)

(43) 31.10.2024
 (62) 2019217863
 (72) TUTUNARU, Catalin
 (74) AJ PARK

(71) Streamline Products Pty Ltd
 (11) AU-A-2024202371
 (21) 2024202371 (22) 11.04.2024
 (54) Method of installing a toilet cistern inside a cavity of a stud wall, cistern and toilet system
 (51) Int. Cl.
E03D 11/14 (2006.01)
E03D 1/012 (2006.01)
E04B 1/38 (2006.01)
E03D 1/00 (2006.01)

(31) 2023901049 (32) 11.04.23 (33) AU
 (43) 31.10.2024
 (72) Jornet, Salvador
 (74) Cooper IP Pty Ltd

(71) StrongLinx Pty Ltd
 (11) AU-A-2023237049
 (21) 2023237049 (22) 26.09.2023
 (54) MULTIPURPOSE STRAP APPARATUS
 (51) Int. Cl.
A45F 3/14 (2006.01)
B65G 7/12 (2006.01)

(31) 2023901068 (32) 12.04.23 (33) AU
 (43) 31.10.2024
 (72) Elvery, Timothy
 (74) TJIP Patents, Trade Marks & Designs

SU, C. see SU, J.
 (21) 2024227178

(71) SU, J.; SU, C.; CHEN, C.
 (11) AU-A-2024227178
 (21) 2024227178 (22) 08.10.2024
 (54) METHOD AND VARIOUS APPLICATIONS OF DELIVERING OBJECT RE-

LATED MESSAGES BY USING WIDE-FREQUENCY SOUND SIGNAL.

(51) Int. Cl.
H04B 11/00 (2006.01)
 (43) 31.10.2024
 (62) 2021332888
 (72) CHEN, Chiahung; SU, Chiachi; SU, Jianlong
 (74) ALDRICH PROJECTS PTY LTD

(71) Surfline\Wavetrak, Inc.
 (11) AU-A-2024227148
 (21) 2024227148 (22) 07.10.2024
 (54) Automated detection of features and/or parameters within an ocean environment using image data
 (51) Int. Cl.
G06T 7/246 (2017.01)
G06T 7/70 (2017.01)
 (43) 31.10.2024
 (62) 2023237131
 (72) FREESTON, Benjamin
 (74) FB Rice Pty Ltd

(71) Syqe Medical Ltd.
 (11) AU-A-2024227181
 (21) 2024227181 (22) 08.10.2024
 (54) Drug Dose Cartridge for an Inhaler Device.
 (51) Int. Cl.
A61M 11/04 (2006.01)
A61M 15/00 (2006.01)
A24F 47/00 (2020.01)
 (43) 31.10.2024
 (62) 2022291563
 (72) Davidson, Perry; Schorr, Aaron; Schwartz, Binyamin; Lifshitz, Roee
 (74) Golja Haines & Friend

(71) TAMC Holdings Pty Ltd
 (11) AU-A-2024227356
 (21) 2024227356 (22) 15.10.2024
 (54) PROTECTOR DEVICE FOR CONTAINERS
 (51) Int. Cl.
B65D 71/52 (2006.01)
B65D 81/02 (2006.01)
B65D 81/05 (2006.01)
 (43) 31.10.2024
 (62) 2024200766
 (72) TRAYHERN, Travis
 (74) WRAYS PTY LTD

(71) Taylor Commercial Foodservice, LLC
 (11) AU-A-2024227171
 (21) 2024227171 (22) 08.10.2024
 (54) Multi-robotic arm cooking system.
 (51) Int. Cl.
A47J 37/12 (2006.01)
A47J 27/14 (2006.01)
 (43) 31.10.2024
 (62) 2018321939
 (72) NELSON, Dennis, J.; MINARD, James, J.; SANDS, Jeffrey, L.
 (74) FB Rice Pty Ltd

Applications Open to Public Inspection - Name Index cont'd

(71) Techtronic Cordless GP
 (11) AU-A-2024201635
 (21) 2024201635 (22) 13.03.2024
 (54) Multi-winding power supply for multi-voltage charger
 (51) Int. Cl.
H02J 7/00 (2006.01)
H01M 10/44 (2006.01)
H02J 7/02 (2016.01)
 (31) 18/299,412 (32) 12.04.23 (33) US
 (43) 31.10.2024
 (72) HANKS, Nicolas J.; BOYLES, Samuel
 (74) Spruson & Ferguson

(71) Techtronic Cordless GP
 (11) AU-A-2024202283
 (21) 2024202283 (22) 10.04.2024
 (54) Battery pack
 (51) Int. Cl.
H02J 7/00 (2006.01)
G01R 31/36 (2020.01)
H01M 10/6235 (2014.01)
H01M 10/633 (2014.01)
 (31) 202310409556.5 (32) 17.04.23 (33) CN
 (43) 31.10.2024
 (72) WANG, Ren jie
 (74) Spruson & Ferguson

(71) Telefonaktiebolaget LM Ericsson (Publ)
 (11) AU-A-2024227282
 (21) 2024227282 (22) 11.10.2024
 (54) On-demand procedure for requesting 5G time reference
 (51) Int. Cl.
H04W 48/12 (2009.01)
H04W 48/14 (2009.01)
H04W 56/00 (2009.01)
 (43) 31.10.2024
 (62) 2021260760
 (72) ORSINO, Antonino
 (74) FB Rice Pty Ltd

(71) Tencent America LLC
 (11) AU-A-2024227358
 (21) 2024227358 (22) 15.10.2024
 (54) Signaling of scalability parameters in video bitstream
 (51) Int. Cl.
H04N 19/33 (2014.01)
H04N 19/172 (2014.01)
H04N 19/177 (2014.01)
H04N 19/187 (2014.01)
H04N 19/597 (2014.01)
H04N 19/70 (2014.01)
 (43) 31.10.2024
 (62) 2023201466
 (72) CHOI, Byeongdo; WENGER, Stephan; LIU, Shan
 (74) Davies Collison Cave Pty Ltd

The Board of Trustees of The Leland Stanford Junior University see Forty Seven, Inc.
 (21) 2024227248

(71) The Boeing Company
 (11) AU-A-2024201050
 (21) 2024201050 (22) 19.02.2024
 (54) Emergency oxygen systems for internal cabins of aircraft
 (51) Int. Cl.
B64D 11/00 (2006.01)
 (31) 18/301,326 (32) 17.04.23 (33) US
 18/418,611 22.01.24 US
 (43) 31.10.2024
 (72) FABRY, Andrew Leo; BOROUGHS, Adam Patrick; BENSON, Katia Marguerite; BROWN, Douglas Alan; CAGNINA, Franco Marino
 (74) Spruson & Ferguson

The Children's Hospital of Philadelphia see Spark Therapeutics, Inc.
 (21) 2024227138

(71) The Coca-Cola Company
 (11) AU-A-2024227157
 (21) 2024227157 (22) 08.10.2024
 (54) Process for preparing concentrated solutions of steviol glycosides and mogrosides, and uses.
 (51) Int. Cl.
A23L 2/60 (2006.01)
A23L 27/30 (2016.01)
 (43) 31.10.2024
 (62) 2018374866
 (72) KRIEGL, Robert, M.; SHI, Yu; PRAKASH, Indra
 (74) FB Rice Pty Ltd

(71) The General Hospital Corporation
 (11) AU-A-2024227270
 (21) 2024227270 (22) 11.10.2024
 (54) Base editors with improved precision and specificity
 (51) Int. Cl.
C12N 15/00 (2006.01)
C07K 14/00 (2006.01)
C12N 9/22 (2006.01)
C12N 9/78 (2006.01)
 (43) 31.10.2024
 (62) 2018272067
 (72) Joung, J. Keith; Gehrke, Jason Michael
 (74) RnB IP Pty Ltd

Thermaquil, Inc. see University of Pittsburgh - Of the Commonwealth System of Higher Education
 (21) 2024219821

(71) The Spacer Co Pty Ltd
 (11) AU-A-2024227371
 (21) 2024227371 (22) 16.10.2024
 (54) A connection for connectable parts
 (51) Int. Cl.
F16L 3/22 (2006.01)
 (43) 31.10.2024
 (62) 2018208679
 (72) Mee, Dennis John
 (74) Intellepro Patent & Trade Mark Attorneys

(71) The University of British Columbia; Veracyte SD, Inc.
 (11) AU-A-2024227295
 (21) 2024227295 (22) 14.10.2024
 (54) Molecular subtyping, prognosis, and treatment of bladder cancer
 (51) Int. Cl.
C12Q 1/6886 (2018.01)
A61K 33/24 (2019.01)
C12Q 1/68 (2018.01)
C12Q 1/6813 (2018.01)
G01N 33/48 (2006.01)
G01N 33/574 (2006.01)
 (43) 31.10.2024
 (62) 2018210695
 (72) DAVICIONI, Elai; ASHAB, Hussam Al-Deen; ERHO, Nicholas; BLACK, Peter
 (74) FB Rice Pty Ltd

(71) The University of North Carolina at Chapel Hill
 (11) AU-A-2024227303
 (21) 2024227303 (22) 14.10.2024
 (54) Polyploid adeno-associated virus vectors and methods of making and using the same
 (51) Int. Cl.
C12N 15/34 (2006.01)
A61K 35/76 (2015.01)
A61P 3/08 (2006.01)
C07K 14/01 (2006.01)
C12N 7/01 (2006.01)
C12N 7/04 (2006.01)
C12N 15/869 (2006.01)
 (43) 31.10.2024
 (62) 2018234695
 (72) SAMULSKI, Richard Jude; LI, Chengwen
 (74) Spruson & Ferguson

(71) The University of Sydney
 (11) AU-A-2024227256
 (21) 2024227256 (22) 11.10.2024
 (54) Anti-cancer compounds
 (51) Int. Cl.
C07D 213/75 (2006.01)
A61K 31/341 (2006.01)
A61K 31/36 (2006.01)
A61K 31/4406 (2006.01)
A61P 35/00 (2006.01)
C07D 213/82 (2006.01)
C07D 241/24 (2006.01)
C07D 307/66 (2006.01)
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 (43) 31.10.2024
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 (72) KASSIOU, Michael; JORGENSEN, William; MUNOZ, Lenka
 (74) FPA Patent Attorneys Pty Ltd

(71) TNA Australia Pty Limited
 (11) AU-A-2024202471
 (21) 2024202471 (22) 16.04.2024
 (54) A weighing machine
 (51) Int. Cl.
G01G 13/295 (2006.01)

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B65B 1/32 (2006.01)
G01G 13/06 (2006.01)
(31) 2023901118 **(32)** 16.04.23 **(33)** AU
(43) 31.10.2024
(72) HOFFMAN, Nigel David
(74) GLMR

(71) TOP CAP HOLDING GMBH
(11) AU-A-2024204979
(21) 2024204979 **(22)** 04.03.2024
(54) Can end
(51) Int. Cl.
B65D 17/28 (2006.01)
(31) 10 2023 109 429.7 **(32)** 14.04.23 **(33)** DE
(43) 31.10.2024
(72) PIECH, Gregor Anton
(74) IP SOLVED (ANZ) PTY. LTD.

(71) Toro Australia Pty Limited
(11) AU-A-2024227172
(21) 2024227172 **(22)** 08.10.2024
(54) SPRINKLER RISER TOOL.
(51) Int. Cl.
B66F 15/00 (2006.01)
A01G 25/00 (2006.01)
B05B 15/68 (2018.01)
(43) 31.10.2024
(62) 2021221678
(72) Marasigan, Pamela; Summers, Michael Thomas
(74) Madderns Pty Ltd

(71) Transportation IP Holdings, LLC
(11) AU-A-2024227255
(21) 2024227255 **(22)** 11.10.2024
(54) VEHICLE CONTROL SYSTEM AND METHOD
(51) Int. Cl.
G05D 1/02 (2020.01)
B60W 20/11 (2016.01)
B60W 20/12 (2016.01)
B60W 30/095 (2012.01)
B60W 50/14 (2020.01)
B60W 60/00 (2020.01)
G01S 5/02 (2010.01)
(43) 31.10.2024
(62) 2022218489
(72) Manjunath, Avinash Hassan; Clifton, Steven Guy
(74) K&L Gates

(71) Tritana Intellectual Property Ltd.
(11) AU-A-2024227332
(21) 2024227332 **(22)** 15.10.2024
(54) WEED SEED DESTRUCTION
(51) Int. Cl.
A01D 41/12 (2006.01)
A01F 12/40 (2006.01)
A01F 12/48 (2006.01)
(43) 31.10.2024
(62) 2024201444
(72) MAYERLE, Dean
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) ULRICH GMBH & CO. KG
(11) AU-A-2024219727
(21) 2024219727 **(22)** 18.01.2024
(54) BONE ANCHOR, AND KIT HAVING A BONE ANCHOR FOR POSITIONING A REFERENCE MARKER
(51) Int. Cl.
A61B 17/86 (2006.01)
A61B 90/00 (2016.01)
(31) 10 2023 109 303.7 **(32)** 13.04.23 **(33)** DE
(43) 31.10.2024
(72) HEUER, Frank; MIDDERHOFF, Stefan
(74) Michael Buck IP

University-Industry Cooperation Group of Kyung Hee University see Electronics and Telecommunications Research Institute
(21) 2024227337

(71) University of Iowa Research Foundation
(11) AU-A-2024227287
(21) 2024227287 **(22)** 11.10.2024
(54) Compositions and methods of treating melanoma
(51) Int. Cl.
A61K 38/08 (2019.01)
A61K 38/17 (2006.01)
A61K 39/395 (2006.01)
A61K 51/04 (2006.01)
A61K 51/08 (2006.01)
A61K 51/10 (2006.01)
(43) 31.10.2024
(62) 2017281940
(72) SCHULTZ, Michael K.; JOHNSON, Frances L.; KAPOOR, Somya; LEE, Dongyoul; LI, Mengsh; MARTIN, Molly
(74) Spruson & Ferguson

(71) University of Pittsburgh - Of the Commonwealth System of Higher Education; Thermoquil, Inc.
(11) AU-A-2024219821
(21) 2024219821 **(22)** 18.09.2024
(54) SYSTEMS AND METHODS FOR THERMAL BLOCKADE OF NERVES
(51) Int. Cl.
A61N 1/28 (2006.01)
A61N 1/04 (2006.01)
A61N 1/08 (2006.01)
A61N 1/32 (2006.01)
A61N 1/36 (2006.01)
A61N 1/40 (2006.01)
A61N 2/00 (2006.01)
A61N 5/00 (2006.01)
(43) 31.10.2024
(62) 2019288384
(72) POPIELARSKI, Stephen; TAI, Chang-feng; CHAPMAN, Grant
(74) RnB IP Pty Ltd

(71) VelocityEHS Holdings, Inc.
(11) AU-A-2024202394
(21) 2024202394 **(22)** 12.04.2024
(54) METHOD AND SYSTEM FOR INDUSTRIAL ERGONOMICS RISK ROOT-CAUSE ANALYSIS AND MANAGE-

MENT USING ARTIFICIAL INTELLIGENCE ORIENTED NATURAL LANGUAGE PROCESSING TECHNIQUES
(51) Int. Cl.
G16H 50/30 (2018.01)
G06F 40/205 (2020.01)
G06F 40/253 (2020.01)
G06Q 10/0635 (2023.01)
G06V 40/20 (2022.01)
(31) 18133902 **(32)** 12.04.23 **(33)** US
(43) 31.10.2024
(72) PENFIELD, Julia; PARIKH, Pulkit Trushantkumar; BARKER, Richard Thomas
(74) K&L Gates

(71) Venter, J.
(11) AU-A-2024227218
(21) 2024227218 **(22)** 10.10.2024
(54) Camping awning
(51) Int. Cl.
E04H 15/08 (2006.01)
B60P 3/34 (2006.01)
E04F 10/06 (2006.01)
E04H 15/06 (2006.01)
H02S 30/20 (2014.01)
E06B 9/24 (2006.01)
E06B 9/68 (2006.01)
E06B 9/72 (2006.01)
(43) 31.10.2024
(62) 2021221734
(72) Venter, Jack
(74) Davies Collison Cave Pty Ltd

Veracyte SD, Inc. see The University of British Columbia
(21) 2024227295

(71) Vertex Pharmaceuticals Incorporated
(11) AU-A-2024227349
(21) 2024227349 **(22)** 15.10.2024
(54) Islet cell manufacturing compositions and methods of use
(51) Int. Cl.
C12N 5/00 (2006.01)
A61K 35/39 (2015.01)
A61K 35/545 (2015.01)
A61K 38/28 (2006.01)
A61P 3/10 (2006.01)
A61P 5/50 (2006.01)
C07K 14/62 (2006.01)
(43) 31.10.2024
(62) 2018370029
(72) THIEL, Austin; YASIN, Jihad; THOMPSON, Evrett; PAGLIUCA, Felicia J.
(74) Griffith Hack

(71) Verto Inc.
(11) AU-A-2024227210
(21) 2024227210 **(22)** 10.10.2024
(54) Method and system for consolidating heterogeneous electronic health data
(51) Int. Cl.
G16H 10/60 (2018.01)
G06F 16/215 (2019.01)
G06N 20/00 (2019.01)

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G06N 99/00 (2019.01)
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(62) 2021255731
(72) MILLAR, Michael
(74) Davies Collison Cave Pty Ltd

(71) Wakefield, S.
(11) AU-A-2024227149
(21) 2024227149 **(22)** 07.10.2024
(54) A Removable Seat For watercraft
(51) Int. Cl.
B63B 34/26 (2020.01)
B63B 7/06 (2020.01)
B63B 17/00 (2006.01)
B63B 29/04 (2006.01)
B63B 29/06 (2006.01)
B63B 34/21 (2020.01)
(43) 31.10.2024
(62) 2022203407
(72) Cordery, Michael
(74) Ahearn Fox

(71) Wake Forest University Health Sciences
(11) AU-A-2024227131
(21) 2024227131 **(22)** 04.10.2024
(54) Multi-layer skin constructs and methods of making and using the same
(51) Int. Cl.
A61L 27/60 (2006.01)
A61F 2/10 (2006.01)
A61L 27/18 (2006.01)
A61L 27/38 (2006.01)
(43) 31.10.2024
(62) 2018380408
(72) VARKEY, Mathew; ATALA, Anthony
(74) Spruson & Ferguson

(71) Wallis Engineers Pty Ltd
(11) AU-A-2024227275
(21) 2024227275 **(22)** 11.10.2024
(54) A Drill Rod Handler
(51) Int. Cl.
E21B 19/15 (2006.01)
E21B 19/20 (2006.01)
(43) 31.10.2024
(62) 2018315064
(72) KALISCH, Paul; MORAN, Brendan
(74) Golja Haines & Friend

(71) Wallis Engineers Pty Ltd
(11) AU-A-2024227279
(21) 2024227279 **(22)** 11.10.2024
(54) Drill Rod Lifter and Holder
(51) Int. Cl.
E21B 19/08 (2006.01)
(43) 31.10.2024
(62) 2018211262
(72) Kalisch, Paul; Moran, Brendan
(74) Golja Haines & Friend

(71) Ward, A.; Combe, T.
(11) AU-A-2023202323
(21) 2023202323 **(22)** 16.04.2023

(54) Detachable handrail device for toddlers and children as passengers on stand up paddleboards.
(51) Int. Cl.
B63B 32/40 (2020.01)
B63B 32/70 (2020.01)
(43) 31.10.2024
(72) Ward, Andrew; Combe, Tuls
(74) Andrew Benjamin Peter Ward

(71) Warn Industries, Inc.
(11) AU-A-2023204597
(21) 2023204597 **(22)** 11.07.2023
(54) AUTOMATIC AND MANUAL DISCONNECT FOR WIND ASSIST
(51) Int. Cl.
B66D 1/38 (2006.01)
B63B 21/10 (2006.01)
(31) 63/495,705 **(32)** 12.04.23 **(33)** US
(43) 31.10.2024
(72) VAUGHN, Eric
(74) K&L Gates

(71) Werner, M.; Iwanoff, A.; Borchers, T.
(11) AU-A-2023202297
(21) 2023202297 **(22)** 14.04.2023
(54) ENERGY STORAGE AND RECOVERY IN UNDERGROUND SALT CAVERNS
(51) Int. Cl.
F03B 13/06 (2006.01)
B65G 5/00 (2006.01)
F03B 17/00 (2006.01)
E02B 9/02 (2006.01)
F17C 1/00 (2006.01)
H02J 15/00 (2006.01)
(43) 31.10.2024
(72) Werner, Michael; Iwanoff, Alexander; Borchers, Theis
(74) Theis Borchers

(71) Wing Aviation LLC
(11) AU-A-2024227261
(21) 2024227261 **(22)** 11.10.2024
(54) Verification of unmanned aerial vehicle ADS-B receiver operability
(51) Int. Cl.
G08G 5/00 (2006.01)
(43) 31.10.2024
(62) 2021321287
(72) KOZLER, Shirley; JONES, Brandon L.
(74) Spruson & Ferguson

(71) Wisk Aero LLC
(11) AU-A-2024227143
(21) 2024227143 **(22)** 07.10.2024
(54) Inter-module battery balancing using minimum cell voltages to select battery sub-modules to power loads
(51) Int. Cl.
H02J 7/00 (2006.01)
(43) 31.10.2024
(62) 2019310228
(72) Furman, Scott; Hom, Lewis Romeo
(74) Davies Collison Cave Pty Ltd

(71) Xencor, Inc.
(11) AU-A-2024219920
(21) 2024219920 **(22)** 20.09.2024
(54) BISPECIFIC CHECKPOINT INHIBITOR ANTIBODIES
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/00 (2006.01)
A61P 35/00 (2006.01)
C07K 16/46 (2006.01)
(43) 31.10.2024
(62) 2017285218
(72) Bernett, Matthew; Moore, Gregory; Desjarlais, John; Hedvat, Michael; Bonzon, Christine; Nisthal, Alex; Muchhal, Umesh S.
(74) MINTER ELLISON

(71) Xerotech Limited
(11) AU-A-2024227064
(21) 2024227064 **(22)** 02.10.2024
(54) A battery pack and a method of manufacturing a battery pack
(51) Int. Cl.
H01M 10/643 (2014.01)
H01M 10/6557 (2014.01)
(43) 31.10.2024
(62) 2019376429
(72) FLANNERY, Barry
(74) Summit IP

(71) XINTHERA, INC.
(11) AU-A-2024227365
(21) 2024227365 **(22)** 16.10.2024
(54) PARP1 inhibitors and uses thereof
(51) Int. Cl.
C07D 471/04 (2006.01)
A61K 31/496 (2006.01)
A61K 31/498 (2006.01)
A61P 35/00 (2006.01)
C07D 401/12 (2006.01)
(43) 31.10.2024
(62) 2023209820
(72) HOFFMAN, Robert L.; VA, Porino Jinjo; PINCHMAN, Joseph Robert; TRZOSS, Linnie; DONG, Qing; KALDOR, Stephen W.
(74) FPA Patent Attorneys Pty Ltd

(71) Xorail, Inc.
(11) AU-A-2024227262
(21) 2024227262 **(22)** 11.10.2024
(54) OBSTRUCTION DETECTION SYSTEM
(51) Int. Cl.
G08G 9/02 (2006.01)
B61L 29/00 (2006.01)
(43) 31.10.2024
(62) 2022252739
(72) Lucas, James; Von Tersch, Brad; Kirchner, Mike
(74) K&L Gates

(71) Zimmer, Inc.
(11) AU-A-2024227166
(21) 2024227166 **(22)** 08.10.2024
(54) LINEAR ELECTRIC SURGICAL HAMMER IMPACT TOOL.

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- (51) Int. Cl.
A61B 17/92 (2006.01)
A61B 17/16 (2006.01)
A61F 2/46 (2006.01)
B23D 43/00 (2006.01)
B25D 11/00 (2006.01)
B25D 17/00 (2006.01)
- (43) 31.10.2024
(62) 2023206091
(72) Slocum, Alexander; Goyal, Nitin; Ditr-
trich, Joshua; Singer, Neil
(74) PHILLIPS ORMONDE FITZPATRICK
-
- (71) Zimmer, Inc.
(11) AU-A-2024227309
(21) 2024227309 (22) 14.10.2024
(54) TIBIAL PROSTHESIS WITH DISTAL
FEATURES FOR CEMENTED FIXA-
TION
(51) Int. Cl.
A61F 2/38 (2006.01)
- (43) 31.10.2024
(62) 2023214376
(72) Bisek, Aaron J.; Trischler, Cory;
Branscome, Douglas G.; Wilson,
Vanessa Marie
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71) ZZ & CS Holdings Pty Ltd
(11) AU-A-2024202446
(21) 2024202446 (22) 15.04.2024
(54) FRAMING ARRANGEMENT
(51) Int. Cl.
E06B 7/23 (2006.01)
E06B 1/18 (2006.01)
E06B 1/60 (2006.01)
- (31) 2023901092 (32) 13.04.23 (33) AU
(43) 31.10.2024
(72) ZHAO, Tieming
(74) IP Guardian Pty Ltd

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2024227238	PepsiCo, Inc.	2024227371	The Spacer Co Pty Ltd
2024227240	Nichiha Corporation	2024227375	Digital Diagnostics Inc.
2024227244	Breville Pty Limited	2024227377	GOOGLE LLC
2024227246	PDS Biotechnology Corporation	2024227381	AIT Austrian Institute of Technology GmbH; INDAT
2024227248	Forty Seven, Inc.; The Board of Trustees of The Leland Stanford Junior University		Modellbau Werkzeugbau Formenbau GmbH
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2024227279	Wallis Engineers Pty Ltd		
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2024227282	Telefonaktiebolaget LM Ericsson (Publ)		
2024227283	MX3 Diagnostics, Inc.		
2024227285	Lumacyte, LLC		
2024227286	Gilead Sciences, Inc.		
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2024227349	Vertex Pharmaceuticals Incorporated		
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- . (*) Title not in Roman characters
- . (**) Title not given

<p>(71) 10644137 CANADA INC. (11) AU-A-2023233337 (21) 2023233337 (22) 16.03.2023 (54) HIGH-RESOLUTION POLARIZATION-SENSITIVE IMAGING AND POLARIMETRY APPARATUS AND METHOD THEREOF (51) Int. Cl. <i>G02B 3/00</i> (2006.01) <i>B82Y 20/00</i> (2011.01) <i>B82Y 40/00</i> (2011.01) <i>G01N 21/21</i> (2006.01) <i>G02B 1/12</i> (2006.01) <i>G02B 27/28</i> (2006.01) (87) WO2023/173218 (31) 63/320,589 (32) 16.03.22 (33) US (43) 21.09.2023 (72) PAHLEVANINEZHAD, Hamid; PAHLEVANINEZHAD, Majid; SCHERWITZ, Sam (74) FB Rice Pty Ltd</p>	<p>(71) ABB SCHWEIZ AG (11) AU-A-2022456110 (21) 2022456110 (22) 29.04.2022 (54) CONVEYOR DRIVE SYSTEM (51) Int. Cl. <i>B65G 23/22</i> (2006.01) (87) WO2023/208360 (43) 02.11.2023 (72) RICHTER, Ulf; SALAMOUN, Jakob; CAPLA, Radim (74) Griffith Hack</p>	<p>(43) 26.10.2023 (72) HIPSLEY, Annmarie; SABATIER, Laurent (74) PHILLIPS ORMONDE FITZPATRICK</p>
<p>(71) AAVNERGENE INC. (11) AU-A-2023269763 (21) 2023269763 (22) 10.03.2023 (54) COMPOSITIONS AND METHODS FOR RECOMBINANT PARVOVIRUS PRODUCTION (51) Int. Cl. <i>C12N 7/00</i> (2006.01) <i>C12N 15/86</i> (2006.01) (87) WO2023/220502 (31) 63/341,201 (32) 12.05.22 (33) US (43) 16.11.2023 (72) WANG, Qizhao; YU, Daozhan; LIU, Yu; CHEN, Cuiping; YANG, Rongze (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd</p>	<p>(71) ABB SCHWEIZ AG (11) AU-A-2022456983 (21) 2022456983 (22) 06.05.2022 (54) DISCONNECTOR AND DISCONNECTOR SYSTEM (51) Int. Cl. <i>H01H 31/02</i> (2006.01) (87) WO2023/212919 (43) 09.11.2023 (72) WANG, Xueliang; XIE, Chengzhen (74) Griffith Hack</p>	<p>(71) ACTEGA DO BRASIL TINTAS E VERNIZES LTDA.; COMPANHIA BRASILEIRA DE LABS (11) AU-A-2023258056 (21) 2023258056 (22) 19.04.2023 (54) PROCESS FOR DECORATING A METAL SUBSTRATE (51) Int. Cl. <i>B44C 1/10</i> (2006.01) <i>B32B 15/08</i> (2006.01) <i>B32B 15/18</i> (2006.01) <i>B32B 15/20</i> (2006.01) <i>B32B 27/06</i> (2006.01) <i>B32B 37/04</i> (2006.01) (87) WO2023/201408 (31) 22169066.2 (32) 20.04.22 (33) EP (43) 26.10.2023 (72) GALHARDO SEGURA, Antonio; FERREIRA FRANÇA, Augusto (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD</p>
<p>(71) ABBOTT DIABETES CARE INC. (11) AU-A-2023259147 (21) 2023259147 (22) 25.04.2023 (54) SYSTEMS, DEVICES, AND METHODS FOR MEAL-RELATED ANALYTE RESPONSE MONITORING (51) Int. Cl. <i>G16H 20/70</i> (2018.01) (87) WO2023/211986 (31) 63/335,030 (32) 26.04.22 (33) US 63/452,263 15.03.23 US (43) 02.11.2023 (72) KRACHT, Sebastian; WITHERSBY, Matthew; BABY, Nithin; MODER-PINANA, Alicia del Carmen; GIOVANNELLA, Sofia; SANCHEZ TURON, Irene; GUHA THAKURTA, Sarit; BORGESEN, Rikke (74) FPA Patent Attorneys Pty Ltd</p>	<p>(71) ABIOMED, INC. (11) AU-A-2023265033 (21) 2023265033 (22) 02.05.2023 (54) INTRODUCER SHEATH WITH PEEL AWAY PERFUSION APERTURE (51) Int. Cl. <i>A61M 60/13</i> (2021.01) <i>A61F 2/966</i> (2013.01) <i>A61M 60/216</i> (2021.01) <i>A61M 60/34</i> (2021.01) <i>A61M 60/865</i> (2021.01) <i>A61M 60/867</i> (2021.01) (87) WO2023/215276 (31) 63/338,207 (32) 04.05.22 (33) US (43) 09.11.2023 (72) KIM, Jin, Kwang; FANTUZZI, Glen, R. (74) Davies Collison Cave Pty Ltd</p>	<p>(71) ADAMA MAKHTESHIM LTD. (11) AU-A-2023234750 (21) 2023234750 (22) 14.03.2023 (54) FUNGICIDAL MIXTURE COMPOSITION COMPRISING SULPHUR (51) Int. Cl. <i>A01N 59/02</i> (2006.01) <i>A01N 43/40</i> (2006.01) <i>A01N 43/653</i> (2006.01) <i>A01P 3/00</i> (2006.01) <i>A01P 7/02</i> (2006.01) <i>A01P 7/04</i> (2006.01) (87) WO2023/175613 (31) 63/319,408 (32) 14.03.22 (33) US (43) 21.09.2023 (72) CERNUSCHI, Matteo (74) Davies Collison Cave Pty Ltd</p>
<p>(71) ACE VISION GROUP, INC. (11) AU-A-2023257299 (21) 2023257299 (22) 21.04.2023 (54) SYSTEMS AND METHODS FOR OCULAR FINITE ELEMENT MODELING AND MACHINE LEARNING (51) Int. Cl. <i>A61B 34/10</i> (2016.01) <i>A61B 3/10</i> (2006.01) <i>A61F 9/008</i> (2006.01) <i>G06F 30/23</i> (2020.01) <i>G06N 3/006</i> (2023.01) <i>G06N 3/04</i> (2023.01) <i>G16H 20/40</i> (2018.01) (87) WO2023/205402 (31) 63/334,107 (32) 23.04.22 (33) US</p>	<p>(71) ADRENALINEIP (11) AU-A-2023248534 (21) 2023248534 (22) 10.04.2023 (54) LIVE EVENT INFORMATION DISPLAY METHOD, SYSTEM, AND APPARATUS (51) Int. Cl. <i>G06Q 50/34</i> (2012.01) <i>G07F 17/32</i> (2006.01) (87) WO2023/197007 (31) 63/328,858 (32) 08.04.22 (33) US 63/331,338 15.04.22 US 63/331,339 15.04.22 US 63/331,951 18.04.22 US 63/332,330 19.04.22 US 63/332,333 19.04.22 US</p>	

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|---|----------|----|--|--|
| 63/332,744 | 20.04.22 | US | | (71) ALL SPACE NETWORKS LIMITED
(NEW) |
| 63/334,275 | 25.04.22 | US | | (11) AU-A-2023232473 |
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Markku |
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TRACTION OF ELEMENTS FROM AN
AQUEOUS SOLUTION |
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E06B 1/52 (2006.01)
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A61K 31/352 (2006.01)
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G16H 20/17 (2018.01)
A61M 5/17B (2006.01)
B65B 31/02 (2006.01)
G16H 40/20 (2018.01)
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A61K 39/395 (2006.01)
A61P 17/00 (2006.01)
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A61K 38/00 (2006.01)
A61K 47/12 (2006.01)
A61K 47/26 (2006.01)
A61K 47/50 (2017.01)
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C12N 15/864 (2006.01)
A61K 38/47 (2006.01)
A61K 48/00 (2006.01)
C12N 9/26 (2006.01)
C12N 15/12 (2006.01)
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(51) Int. Cl.
G01L 1/14 (2006.01)
A61B 5/00 (2006.01)
G01B 7/16 (2006.01)
G01L 1/18 (2006.01)
G01L 1/20 (2006.01)
G06F 3/041 (2006.01)
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A61P 7/00 (2006.01)
A61K 31/4375 (2006.01)
A61K 31/497 (2006.01)
A61K 31/501 (2006.01)
A61K 31/506 (2006.01)
A61P 13/12 (2006.01)
A61P 21/00 (2006.01)
A61P 25/16 (2006.01)
A61P 25/28 (2006.01)
A61P 27/02 (2006.01)
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C07D 471/04 (2006.01)
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(72) MA, Bin; FURUYA, Takeru
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(54) EPIDERMAL GROWTH FACTOR RECEPTOR (EGFR) TYROSINE KINASE INHIBITORS IN COMBINATION WITH AN AKT INHIBITOR FOR THE TREATMENT OF CANCER
(51) Int. Cl.
A61K 31/506 (2006.01)
A61K 31/519 (2006.01)
A61K 45/06 (2006.01)
A61P 35/00 (2006.01)
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(54) SYSTEM AND METHOD FOR PLACEMENT OF NEUROSTIMULATION LEADS
(51) Int. Cl.
A61N 1/372 (2006.01)
A61N 1/05 (2006.01)
A61N 1/36 (2006.01)
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(54) ACTIVE ACOUSTIC CONTROL SYSTEMS AND METHODS
(51) Int. Cl.
G10K 11/178 (2006.01)
B63G 8/34 (2006.01)
B63G 13/02 (2006.01)
(87) WO2023/199026
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(51) Int. Cl.
G10K 11/16 (2006.01)
F01D 25/04 (2006.01)
F02C 7/045 (2006.01)
F02K 1/82 (2006.01)
F02K 9/97 (2006.01)
F42D 5/05 (2006.01)
F42D 5/055 (2006.01)
B64C 11/00 (2006.01)
B64C 23/00 (2006.01)
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(51) Int. Cl.
G10K 11/16 (2006.01)
F01D 25/04 (2006.01)
F02C 7/045 (2006.01)
F02K 1/82 (2006.01)
F02K 9/97 (2006.01)
F42D 5/05 (2006.01)
F42D 5/055 (2006.01)
B63G 13/02 (2006.01)
G10K 11/178 (2006.01)
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(31) 2206139.4 **(32)** 27.04.22 **(33)** GB
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(72) CHEER, Jordan; KEYS, Archie James; AUSTIN, Elizabeth Hannah
(74) Spruson & Ferguson
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(21) 2023242934 **(22)** 29.03.2023
(54) METHOD OF PACKAGING AND DESIGNING BRAGG GRATING OPTICAL FIBER SYSTEM FOR SENSING CARBON DIOXIDE
(51) Int. Cl.
C03C 25/106 (2018.01)
B01D 53/30 (2006.01)
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(54) ACOUSTIC BLACK HOLE, STRUCTURAL DAMPER, STRUCTURALLY DAMPED STRUCTURE, AND METHOD
(51) Int. Cl.
G10K 11/16 (2006.01)
F01D 25/04 (2006.01)
F02K 1/82 (2006.01)
F42D 5/05 (2006.01)
F42D 5/055 (2006.01)
B64C 11/00 (2006.01)
B64C 23/00 (2006.01)
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G10K 11/178 (2006.01)
(87) WO2023/209339
(31) 2206143.6 **(32)** 27.04.22 **(33)** GB
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(54) ACOUSTIC BLACK HOLE, STRUCTURAL DAMPER, STRUCTURALLY DAMPED STRUCTURE, AND METHOD
(51) Int. Cl.
G10K 11/16 (2006.01)
F01D 25/04 (2006.01)
F02C 7/045 (2006.01)
F02K 1/82 (2006.01)
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B63G 13/02 (2006.01)
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(21) 2023242934 **(22)** 29.03.2023
(54) METHOD OF PACKAGING AND DESIGNING BRAGG GRATING OPTICAL FIBER SYSTEM FOR SENSING CARBON DIOXIDE
(51) Int. Cl.
C03C 25/106 (2018.01)
B01D 53/30 (2006.01)

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(51) Int. Cl.
E21B 43/10 (2006.01)
E21B 17/042 (2006.01)
E21B 33/12 (2006.01)
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(31) 17/716,693 **(32)** 08.04.22 **(33)** US
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(72) WILLIAMS, Jeffrey; TOM, Andy; KRUEGER, Matthew
(74) FPA Patent Attorneys Pty Ltd

(71) BAKER HUGHES OILFIELD OPERATIONS LLC
(11) AU-A-2023250946
(21) 2023250946 **(22)** 06.04.2023
(54) METHOD FOR ASSEMBLING A LINER SYSTEM
(51) Int. Cl.
E21B 43/10 (2006.01)
E21B 17/042 (2006.01)
E21B 23/01 (2006.01)
E21B 33/12 (2006.01)
(87) WO2023/196511
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(74) Patent Attorney Services

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(54) RARE EARTH ENERGY-SAVING ADMIXTURE FOR CEMENT KILN AND BLENDING METHOD THEREFOR
(51) Int. Cl.
C04B 7/42 (2006.01)
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(51) Int. Cl.

B24C 1/10 (2006.01)
B24C 9/00 (2006.01)
B24C 11/00 (2006.01)
B33Y 40/20 (2020.01)
(87) WO2023/205199
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(72) BARRON, Emerson Scott; BARRON, Ryan Thomas
(74) Pearce IP Pty Ltd

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(51) Int. Cl.
A01N 25/04 (2006.01)
A01N 43/40 (2006.01)
A01N 43/653 (2006.01)
A01N 51/00 (2006.01)
A01P 3/00 (2006.01)
A01P 5/00 (2006.01)
A01P 7/04 (2006.01)
(87) WO2023/205602
(31) 63/332,041 **(32)** 18.04.22 **(33)** US
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(72) LE, Duy Minh; MATHEW, Philip M.
(74) Griffith Hack

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(21) 2023255166 **(22)** 21.04.2023
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(51) Int. Cl.
C08F 2/26 (2006.01)
C08F 2/30 (2006.01)
C08F 212/08 (2006.01)
C08F 220/18 (2006.01)
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(74) Griffith Hack

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B01D 53/14 (2006.01)
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(72) THOMPSON, Robert, L.; CULP, Jeffrey, T.
(74) Michael Buck IP

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(51) Int. Cl.
C07D 413/04 (2006.01)
A01N 31/00 (2006.01)
(87) WO2023/213670
(31) 22171399.3 **(32)** 03.05.22 **(33)** EP
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(74) Davies Collison Cave Pty Ltd

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(21) 2023264210 **(22)** 26.04.2023
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(51) Int. Cl.
A01N 43/88 (2006.01)
A01P 1/00 (2006.01)
A01P 3/00 (2006.01)
C07D 237/14 (2006.01)
C07D 403/04 (2006.01)
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(51) Int. Cl.
A61K 51/10 (2006.01)
A61K 31/4155 (2006.01)
A61K 45/06 (2006.01)
A61P 35/00 (2006.01)
C07K 16/30 (2006.01)
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(74) Kings Patent & Trade Marks Attorneys Pty Ltd
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(54) ANTI-TIGIT/ANTI-PVRIG BISPECIFIC ANTIBODY, AND PHARMACEUTICAL COMPOSITION AND USE THEREOF
(51) Int. Cl.
C07K 16/46 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
C12N 5/10 (2006.01)
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(51) Int. Cl.
A61K 9/51 (2006.01)
A61K 31/713 (2006.01)
A61P 37/02 (2006.01)
A61P 43/00 (2006.01)
C08G 73/02 (2006.01)
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A61K 31/495 (2006.01)
A61P 35/00 (2006.01)
C07D 401/14 (2006.01)
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A61K 39/145 (2006.01)
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A61P 31/16 (2006.01)
C07K 14/005 (2006.01)
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C10L 9/06 (2006.01)
C10L 5/28 (2006.01)
C10L 9/08 (2006.01)
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(74) Oxygene IP
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C12N 9/00 (2006.01)
C12N 15/85 (2006.01)
C12N 15/90 (2006.01)
(87) WO2023/180374
(31) 22163850.5 (32) 23.03.22 (33) EP
(43) 28.09.2023
(72) SCHMIDT, Moritz; FISCHER, Simon; MOLL, Alicia; SCHULZ, Patrick
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C12N 9/00 (2006.01)
C12N 15/85 (2006.01)
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(51) Int. Cl.
B29B 17/02 (2006.01)
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B29B 17/02 (2006.01)
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(74) FB Rice Pty Ltd
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B29B 17/02 (2006.01)
C08L 23/10 (2006.01)
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(74) FB Rice Pty Ltd

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 (51) Int. Cl.
B01F 35/22 (2022.01)
A23K 10/26 (2016.01)
A23K 10/37 (2016.01)
A23K 30/00 (2016.01)
A23K 40/10 (2016.01)
A23N 17/00 (2006.01)
A23N 17/02 (2006.01)
B02C 23/08 (2006.01)
B09B 3/35 (2022.01)
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B65F 1/14 (2006.01)
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 (31) 2022900786 (32) 28.03.22 (33) AU
 (43) 05.10.2023
 (72) BOYLE, Norman; BOYLE, Nathan;
 STEBBING, Brad
 (74) FOUNDRY INTELLECTUAL PROP-
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 (51) Int. Cl.
C07C 45/63 (2006.01)
C07C 49/603 (2006.01)
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C07C 62/38 (2006.01)
C12P 7/40 (2006.01)
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 (74) AJ PARK
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C07D 417/02 (2006.01)
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A61K 31/4545 (2006.01)
A61K 47/55 (2017.01)
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 CO., LTD.
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 (21) 2023272056 (22) 15.05.2023
 (54) COMPOSITIONS AND METHODS
 FOR ALLEVIATING CONDITIONS
 CAUSED BY ABNORMAL SUBCU-
 TANEOUS DEPOSIT OF ADIPOSE
 TISSUE OR FAT
 (51) Int. Cl.
A61K 31/12 (2006.01)
A61K 47/00 (2006.01)
A61P 35/00 (2006.01)
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 INHIBITORS FOR TREATMENT OF
 OVARIAN CANCER
 (51) Int. Cl.
A61K 39/395 (2006.01)
A61K 31/454 (2006.01)
A61P 35/00 (2006.01)
C07D 401/10 (2006.01)
C07K 16/30 (2006.01)
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- (71) CANDEL THERAPEUTICS, INC.
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 (54) COMPOSITIONS AND METHODS
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A61K 35/763 (2015.01)
C07K 14/005 (2006.01)
C12N 15/86 (2006.01)
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 TAK, Paul Peter; CHRISTIE, John D.;
 GUO, Qiuchen
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 (54) PROCESSES AND SYSTEMS FOR
 PRODUCING BIOCOKE IN A KIN-
 ETIC INTERFACE REACTOR, AND
 BIOCOKE PRODUCED THEREFROM
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C10L 5/40 (2006.01)
C10L 5/44 (2006.01)
C10L 9/08 (2006.01)
 (87) WO2023/177644
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 (72) MENNELL, James, A.; DAUGAARD,
 Daren; SLACK, Dustin
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 ETIC INTERFACE REACTOR, AND
 BIOCOKE PRODUCED THEREFROM
 (51) Int. Cl.
C10L 5/44 (2006.01)
C10B 47/12 (2006.01)
C10B 53/02 (2006.01)
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 CLASSIFYING THE STATUS OF A
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G16B 40/00 (2019.01)
A61P 37/06 (2006.01)
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C11B 1/10 (2006.01)
B01D 11/00 (2006.01)
B01D 11/02 (2006.01)
B01D 53/14 (2006.01)
C11D 1/10 (2006.01)
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 (54) TREATMENT OF AUTOIMMUNE DISEASES WITH ENGINEERED IMMUNE CELLS
 (51) Int. Cl.
A61K 39/00 (2006.01)
C12N 15/113 (2010.01)
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C01C 1/04 (2006.01)
C07C 29/152 (2006.01)
C25B 1/04 (2021.01)
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G05B 19/048 (2006.01)
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G06Q 10/06 (2023.01)
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A01B 69/00 (2006.01)
B60K 35/00 (2006.01)
B60R 16/023 (2006.01)
B62D 12/02 (2006.01)
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A61K 31/437 (2006.01)
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A61K 31/445 (2006.01)
A61P 35/00 (2006.01)
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F01D 25/12 (2006.01)
F01D 15/10 (2006.01)
F01D 25/16 (2006.01)
F16C 32/04 (2006.01)
F16C 37/00 (2006.01)
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F04B 47/06 (2006.01)
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 (54) CRYSTAL OF FUSED TRICYCLIC DERIVATIVE OR PHARMACEUTICALLY ACCEPTABLE SALT THEREOF
 (51) Int. Cl.
C07D 409/14 (2006.01)
A61K 31/4709 (2006.01)
A61P 11/00 (2006.01)
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 (54) METHOD FOR DETERMINING DETECTION QUANTITY, TERMINAL, AND STORAGE MEDIUM
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H04W 24/08 (2009.01)
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G06F 30/20 (2020.01)
E21B 7/04 (2006.01)
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A61K 45/06 (2006.01)
A61P 13/12 (2006.01)
C07D 405/04 (2006.01)
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 (54) RECOMBINANT NEPROSIN PEPTIDES AND METHODS OF EXPRESSION
 (51) Int. Cl.
A61K 38/48 (2006.01)
A61P 3/00 (2006.01)
C12N 9/50 (2006.01)
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 (54) ANTI-ILT4 COMPOSITIONS AND METHODS
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A61K 39/395 (2006.01)
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C07K 16/28 (2006.01)
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 (54) SKIN CARE COMPOSITIONS COMPRISING VITAMIN E AND VITAMIN B3
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A61K 8/67 (2006.01)
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A61K 8/46 (2006.01)
A61K 8/49 (2006.01)
A61Q 19/08 (2006.01)
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 (54) TUNNEL LINING METHOD AND APPARATUS
 (51) Int. Cl.
E21D 9/06 (2006.01)
E21D 11/10 (2006.01)
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B01J 20/22 (2006.01)
B01D 53/14 (2006.01)
B01D 53/52 (2006.01)
B01D 53/62 (2006.01)
B01J 20/24 (2006.01)
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B01J 20/28 (2006.01)
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H01R 39/08 (2006.01)
H01R 39/64 (2006.01)
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 (72) PACCIANI, Federico; CHIAPASCO, Davide; BREVIARIO, Fabio
 (74) Origin Patent and Trade Mark Attorneys
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A61B 5/097 (2006.01)
G01N 27/327 (2006.01)
G01N 33/94 (2006.01)
H01M 8/00 (2016.01)
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 (54) MIXTURE FOR ANTIFUNGAL, ANTIBACTERIAL AND ANTIVIRAL TREATMENT
 (51) Int. Cl.
A01N 25/08 (2006.01)
A01N 43/16 (2006.01)
A01N 47/44 (2006.01)
A01N 59/20 (2006.01)
A23B 7/16 (2006.01)
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G02C 7/04 (2006.01)
G02C 7/08 (2006.01)
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G02C 7/02 (2006.01)
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(54) METHODS AND COMPOSITIONS FOR TREATING LIPOPROTEIN-RELATED DISEASES
(51) Int. Cl.
C12N 15/113 (2010.01)
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(54) ALPHA 1A-ADRENERGIC RECEPTOR AGONISTS AND METHODS OF USE
(51) Int. Cl.
A61K 31/4035 (2006.01)
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A61K 31/40 (2006.01)
A61K 31/417 (2006.01)
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(51) Int. Cl.
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C07K 14/265 (2006.01)
C12N 15/31 (2006.01)
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(74) Allens Patent & Trade Mark Attorneys
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(11) AU-A-2023238965
(21) 2023238965 (22) 02.03.2023
(54) TRANSPORT SYSTEM
(51) Int. Cl.
B65G 63/00 (2006.01)
B64F 1/36 (2017.01)
B65G 47/52 (2006.01)
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(21) 2023263181 (22) 27.04.2023
(54) TRICYCLIC HETEROCYCLIC DERIVATIVES, COMPOSITIONS AND USES THEREOF
(51) Int. Cl.
C07D 487/04 (2006.01)
A61K 31/437 (2006.01)
A61K 31/4985 (2006.01)
A61P 35/00 (2006.01)
C07D 471/04 (2006.01)
(87) WO2023/208092
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(54) WEIGHING DEVICE, AUTOMATIC SYSTEM TO CONTROL THE FEED OF CHARGE MATERIAL INTO A FURNACE, APPARATUS THAT USES THE SYSTEM AND CORRESPONDING METHOD
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G01G 3/12 (2006.01)
C21C 5/52 (2006.01)
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G01G 21/23 (2006.01)
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- (71) DEEPMIND TECHNOLOGIES LIMITED
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(21) 2023266116 (22) 03.05.2023
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(51) Int. Cl.
G06N 3/045 (2023.01)
G06N 3/0495 (2023.01)
G06N 3/082 (2023.01)
G06N 3/084 (2023.01)
G06N 3/0985 (2023.01)
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(74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd
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(21) 2022456714 (22) 05.10.2022
(54) ARTIFICIAL ANTERIOR TOOTH FOR NATURALISTIC APPEARANCE
(51) Int. Cl.
A61C 13/08 (2006.01)
A61C 13/00 (2006.01)
A61C 13/083 (2006.01)
A61C 13/087 (2006.01)
A61C 13/09 (2006.01)
B33Y 10/00 (2015.01)
B33Y 80/00 (2015.01)
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(31) 63/335,871 (32) 28.04.22 (33) US
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(74) Davies Collison Cave Pty Ltd
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- (71) DEPUY SYNTHES PRODUCTS, INC.
(11) AU-A-2023236854
(21) 2023236854 (22) 17.03.2023
(54) SURGICAL SYSTEMS, METHODS, AND DEVICES EMPLOYING AUGMENTED REALITY (AR) INSTRUMENT GUIDANCE
(51) Int. Cl.
A61B 34/20 (2016.01)
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(31) 63/321,618 (32) 18.03.22 (33) US
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A61K 51/04 (2006.01)
C07D 257/02 (2006.01)
A61K 103/30 (2006.01)
A61K 103/34 (2006.01)
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(54) COMPOSITIONS AND METHODS FOR INHIBITING SNCA EXPRESSION
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C12N 15/113 (2010.01)
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(74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

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(54) NEW MEDICAL USE OF TAFOXIPARIN
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A61K 31/727 (2006.01)
A61P 15/04 (2006.01)
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(21) 2023235467 **(22)** 15.03.2023
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A47J 36/32 (2006.01)
A47J 37/07 (2006.01)
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G10L 19/16 (2013.01)
H03G 7/00 (2006.01)
H04S 7/00 (2006.01)
G10L 19/008 (2013.01)
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H04N 19/40 (2014.01)
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A61J 7/00 (2006.01)
G16H 20/13 (2018.01)
G16H 40/63 (2018.01)
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(74) FB Rice Pty Ltd

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(54) CONTAINER OPENER
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B67B 7/56 (2006.01)
B67B 7/72 (2006.01)
B67B 7/82 (2006.01)
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B67D 1/08 (2006.01)
G06Q 10/087 (2023.01)
G06Q 50/12 (2012.01)
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(74) Davies Collison Cave Pty Ltd

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(51) Int. Cl.
A61K 39/395 (2006.01)
A61K 9/08 (2006.01)
A61K 47/26 (2006.01)
A61P 35/00 (2006.01)
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(74) ALDRICH PROJECTS PTY LTD

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(54) ERIBULIN-BASED ANTIBODY-DRUG CONJUGATES AND METHODS OF USE
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A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
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(74) Davies Collison Cave Pty Ltd

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(11) AU-A-2022464320
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(54) IMAGE PROCESSING DEVICE, IMAGE PROCESSING METHOD, AND COMPUTER PROGRAM
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G09G 3/20 (2006.01)

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(21) 2023267882 **(22)** 03.05.2023
(54) MAIN VALVE INSERT FOR A TAP VALVE
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B67D 7/42 (2010.01)
F16B 7/18 (2006.01)
F16B 33/02 (2006.01)
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(31) 22172514.6 **(32)** 10.05.22 **(33)** EP
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(21) 2023279053 **(22)** 15.05.2023
(54) EXTRACTION DEVICE, COMBINATION APPLIANCE AND METHOD FOR OPERATING AN EXTRACTION DEVICE OR A COMBINATION APPLIANCE
(51) Int. Cl.
F24C 15/20 (2006.01)
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(54) ANTIBODIES AND METHODS TARGETING INTERLEUKIN-19
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61P 37/00 (2006.01)
C07K 16/24 (2006.01)
(87) WO2023/205617
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- (51)** Int. Cl.
B66C 13/06 (2006.01)
B66C 1/10 (2006.01)
B66C 13/08 (2006.01)
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(54) RESPIRATORY STIMULANT NASAL FORMULATIONS
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A61K 31/53 (2006.01)
A61K 9/00 (2006.01)
A61K 47/10 (2017.01)
A61K 47/40 (2006.01)
A61P 11/00 (2006.01)
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(74) Pearce IP Pty Ltd
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(54) ELEMENTS FOR DE-TARGETING GENE EXPRESSION IN LIVER
(51) Int. Cl.
A61K 48/00 (2006.01)
C07K 14/47 (2006.01)
C12N 15/63 (2006.01)
C12N 15/85 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd
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- (71)** ENDOSTART S.R.L.
(11) AU-A-2023253209
(21) 2023253209 **(22)** 28.03.2023
(54) MAGNETIC HANDPIECE FOR AN ENDOSCOPIC GUIDE, IN PARTICULAR FOR COLONOSCOPES, AND ENDOSCOPY SYSTEM COMPRISING SAID HANDPIECE
(51) Int. Cl.
A61M 25/01 (2006.01)
A61B 1/00 (2006.01)
A61B 1/31 (2006.01)
A61B 34/00 (2016.01)
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(54) ENDOSCOPIC GUIDE, IN PARTICULAR FOR COLONOSCOPES, AND ENDOSCOPY SYSTEM COMPRISING SAID GUIDE
(51) Int. Cl.
A61B 1/00 (2006.01)
A61B 1/015 (2006.01)
A61B 1/31 (2006.01)
A61M 25/01 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd
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- (71)** ENEOS CORPORATION
(11) AU-A-2023241755
(21) 2023241755 **(22)** 01.03.2023
(54) CONTROL DEVICE FOR WATER ELECTROLYSIS CELL, WATER ELECTROLYSIS SYSTEM, AND METHOD FOR CONTROLLING WATER ELECTROLYSIS CELL
(51) Int. Cl.
C25B 15/00 (2006.01)
C25B 1/04 (2021.01)
C25B 9/00 (2021.01)
C25B 11/081 (2021.01)
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(72) OKUMO Ichiro; TAKAMI Hirofumi; SATO Yasushi
(74) WRAYS PTY LTD
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(21) 2023245126 **(22)** 01.03.2023
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(51) Int. Cl.
C25B 15/00 (2006.01)
C25B 1/04 (2021.01)
C25B 9/00 (2021.01)
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(11) AU-A-2023249873
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(54) A SURFACE-CLEANING DEVICE AND VEHICLE

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B63B 59/08 (2006.01)
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(72) ANDERSEN, Robert
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(21) 2023262557 (22) 27.04.2023
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- (51) Int. Cl.
E21B 7/06 (2006.01)
E21B 23/01 (2006.01)
E21B 33/12 (2006.01)
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(54) MACROCYCLIC INHIBITORS OF ATP CITRATE LYASE
- (51) Int. Cl.
C07D 285/00 (2006.01)
A61K 31/395 (2006.01)
A61P 1/16 (2006.01)
C07D 291/08 (2006.01)
C07D 498/08 (2006.01)
C07D 513/08 (2006.01)
C07D 515/04 (2006.01)
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(74) Spruson & Ferguson
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- (51) Int. Cl.
A61K 31/395 (2006.01)
A61K 31/18 (2006.01)
A61K 31/424 (2006.01)
A61K 31/44 (2006.01)
A61K 31/33 (2006.01)
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(54) METHOD FOR INCREASED CARBON CAPTURE IN AN ELECTROLYTIC PROCESS
- (51) Int. Cl.
B01D 53/14 (2006.01)
B01D 53/96 (2006.01)
- (87) WO2023/187143
(31) 22166046.7 (32) 31.03.22 (33) EP
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(74) GLMR
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(54) AUTONOMOUS AGRICULTURAL VEHICLE COMPRISING A HYDROGEN-POWERED MAIN PROPULSION SYSTEM
- (51) Int. Cl.
A01M 7/00 (2006.01)
B60K 1/00 (2006.01)
B60K 1/04 (2019.01)
B60K 15/03 (2006.01)
B60K 15/063 (2006.01)
B60K 15/07 (2006.01)
B62D 21/09 (2006.01)
B62D 21/14 (2006.01)
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B62D 63/02 (2006.01)
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(74) Alder IP Pty Ltd
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(21) 2023267952 (22) 11.05.2023
(54) ANTIBODY THAT BINDS TO VEGF-A AND IL6 AND METHODS OF USE
- (51) Int. Cl.
C07K 16/00 (2006.01)
C07K 16/22 (2006.01)
C07K 16/24 (2006.01)
C07K 16/46 (2006.01)
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- (71) FARB, M.D.; BAITISH, I.
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(54) FLUID TURBINE SUPPORT SYSTEM FOR AN ANGLED ROOF
- (51) Int. Cl.
F03D 13/20 (2016.01)
F24S 25/61 (2018.01)
E04G 3/26 (2006.01)
F03D 9/45 (2016.01)
- (87) WO2023/201217
(31) 63/329,898 (32) 12.04.22 (33) US
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(72) FARB, Mark Daniel; BAITISH, Irkali
(74) Pairman IP
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(21) 2023253688 (22) 11.04.2023
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- (51) Int. Cl.
F03D 9/11 (2016.01)
F03D 9/25 (2016.01)
H02J 3/32 (2006.01)
H02J 9/06 (2006.01)
H02P 9/04 (2006.01)
F03D 9/10 (2016.01)
H02J 3/00 (2006.01)
H02J 3/28 (2006.01)
H02J 3/38 (2006.01)
- (87) WO2023/201214
(31) 63/329,900 (32) 12.04.22 (33) US
(43) 19.10.2023
(72) FARB, Mark Daniel; FORBES, Jonathan
(74) Pairman IP
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- (71) FASTBRICK IP PTY LTD
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(21) 2023255409 (22) 20.04.2023
(54) ROBOTIC BLOCK LAYING MACHINE IMPROVEMENTS
- (51) Int. Cl.
E04G 21/22 (2006.01)
B25J 5/00 (2006.01)
B25J 9/00 (2006.01)
B25J 9/16 (2006.01)
B25J 15/00 (2006.01)
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B25J 15/08 (2006.01)
E04B 2/02 (2006.01)
- (87) WO2023/201396
(31) 2022901044 (32) 20.04.22 (33) AU
(43) 26.10.2023
(72) PIVAC, Mark Joseph; KORNAAT, Maarten Frank
(74) Davies Collison Cave Pty Ltd
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- (71) FASTER FORESTS INC.
(11) AU-A-2023234197
(21) 2023234197 (22) 07.03.2023

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G06V 10/70 (2022.01)
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A61K 8/60 (2006.01)
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C12N 15/867 (2006.01)
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E01B 26/00 (2006.01)
B61L 1/02 (2006.01)
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A61P 31/14 (2006.01)
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B21J 15/02 (2006.01)
B21J 15/04 (2006.01)
B21J 15/10 (2006.01)
B21J 15/16 (2006.01)
B25B 27/00 (2006.01)
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A61M 16/10 (2006.01)
B01J 7/02 (2006.01)
B65D 81/32 (2006.01)
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B01D 53/52 (2006.01)
B01D 53/58 (2006.01)
C10B 53/07 (2006.01)
C10G 1/00 (2006.01)
C10G 1/10 (2006.01)
C10G 47/00 (2006.01)
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C01B 3/30 (2006.01)
B01J 21/02 (2006.01)
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(54) PROCESS FOR PRODUCTION OF SYNGAS AND FUELS FROM CARBON DIOXIDE USING OXYFUEL COMBUSTION
(51) Int. Cl.
C10K 3/02 (2006.01)
C01B 32/40 (2017.01)
C01B 32/50 (2017.01)
C07C 1/04 (2006.01)
C10G 2/00 (2006.01)
C25B 1/04 (2021.01)
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(31) 63/372,986 **(32)** 20.04.22 **(33)** US
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- (71)** INNOSPEC LIMITED
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(54) COMPOSITIONS, METHODS AND USES
(51) Int. Cl.
C11D 10/04 (2006.01)
C11D 17/00 (2006.01)
C11D 1/04 (2006.01)
C11D 1/28 (2006.01)
C11D 1/52 (2006.01)
C11D 1/75 (2006.01)
C11D 1/90 (2006.01)
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(21) 2023235482 **(22)** 07.03.2023
(54) PURIFICATION OF MnSO 4 SOLUTIONS
(51) Int. Cl.
C01G 45/10 (2006.01)
C01F 5/28 (2006.01)
C01F 11/22 (2006.01)
(87) WO2023/175443
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(72) PRETORIUS, Gerard
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(21) 2023259559 **(22)** 24.04.2023
(54) NOVEL 1,2,3,4,4a,5,6,7,8,9,10,10a-DODECAHYDROBENZO[G]QUINOLIN-6-OL COMPOUNDS AND USES THEREOF
(51) Int. Cl.
A61P 25/00 (2006.01)
A61K 31/473 (2006.01)
C07D 221/08 (2006.01)
(87) WO2023/208865
(31) 2250495-5 **(32)** 25.04.22 **(33)** SE
(43) 02.11.2023
(72) WIKSTRÖM, Håkan; LINDBERG, Per; GULLME, Maria; SONESSON, Clas; VON UNGE, Sverker
(74) Michael Buck IP
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(51) Int. Cl.
C07D 221/08 (2006.01)
A61K 31/473 (2006.01)
A61P 25/00 (2006.01)
(87) WO2023/208869
(31) 2250493-0 **(32)** 25.04.22 **(33)** SE
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(54) A METHOD FOR THE MANUFACTURE OF A CREAM CHEESE
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A23C 19/02 (2006.01)
A23C 19/076 (2006.01)
A23C 19/09 (2006.01)
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(74) Griffith Hack
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H04L 1/00 (2006.01)
H04J 3/00 (2006.01)
H04W 74/08 (2009.01)
(87) WO2023/211998
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(54) BIOSYNTHESIS OF CYCLOLAVANDULYL DERIVATIVES OF AROMATIC COMPOUNDS
(51) Int. Cl.
C07C 13/20 (2006.01)
C07C 13/18 (2006.01)
A61K 31/015 (2006.01)
C07C 5/00 (2006.01)
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 (51) Int. Cl.
A01N 37/18 (2006.01)
A01N 37/34 (2006.01)
A01N 43/08 (2006.01)
A01N 43/16 (2006.01)
A01N 43/20 (2006.01)
A01N 43/36 (2006.01)
A01N 43/44 (2006.01)
A01N 43/50 (2006.01)
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A01N 43/72 (2006.01)
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A01N 43/84 (2006.01)
A01P 13/00 (2006.01)
C07C 233/01 (2006.01)
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C07C 233/32 (2006.01)
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C07C 233/52 (2006.01)
C07D 211/38 (2006.01)
C07D 233/60 (2006.01)
C07D 233/64 (2006.01)
C07D 261/02 (2006.01)
C07D 265/02 (2006.01)
C07D 265/30 (2006.01)
C07D 277/28 (2006.01)
C07D 295/185 (2006.01)
C07D 305/08 (2006.01)
C07D 307/12 (2006.01)
C07D 307/20 (2006.01)
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 (21) 2023253784 (22) 13.04.2023
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E02D 5/22 (2006.01)
E02D 7/18 (2006.01)
E02D 7/22 (2006.01)
E02D 7/24 (2006.01)
E02D 27/42 (2006.01)
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C07H 13/12 (2006.01)
C07H 15/04 (2006.01)
C07H 15/12 (2006.01)
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C12N 15/113 (2010.01)
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 (54) TRIAZINE COMPOUND, INTERMEDIATE THEREOF, PREPARATION METHOD THEREFOR AND USE THEREOF
 (51) Int. Cl.
C07D 403/14 (2006.01)
A61K 31/53 (2006.01)
A61P 31/12 (2006.01)
A61P 31/14 (2006.01)
A61P 31/16 (2006.01)
A61P 31/18 (2006.01)
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G06F 11/14 (2006.01)
H04L 67/1097 (2022.01)
G06F 3/06 (2006.01)
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A61K 9/20 (2006.01)
A61P 43/00 (2006.01)
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 (51) Int. Cl.
A61K 8/37 (2006.01)
A61K 8/60 (2006.01)
A61Q 5/02 (2006.01)
A61Q 19/10 (2006.01)
C11D 1/06 (2006.01)
C11D 3/20 (2006.01)
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B68C 1/14 (2006.01)
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F16K 3/00 (2006.01)
F16K 3/02 (2006.01)

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(51) Int. Cl.
B82Y 30/00 (2011.01)
C01B 32/182 (2017.01)
C08K 3/04 (2006.01)
G01N 21/64 (2006.01)
G01N 21/77 (2006.01)
G01N 21/65 (2006.01)
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(51) Int. Cl.
B65B 5/10 (2006.01)
B65B 9/04 (2006.01)
B65B 11/52 (2006.01)
B65B 35/02 (2006.01)
B65B 35/20 (2006.01)
B65B 39/00 (2006.01)
B65B 69/00 (2006.01)
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(51) Int. Cl.
E01H 3/02 (2006.01)
E02F 9/20 (2006.01)
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(51) Int. Cl.
E02F 3/43 (2006.01)
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(51) Int. Cl.
E21C 35/22 (2006.01)
B05B 12/02 (2006.01)
B05B 12/08 (2006.01)
B05B 17/00 (2006.01)
B05C 11/00 (2006.01)
B05C 11/10 (2006.01)
G05D 1/20 (2024.01)
G06Q 50/08 (2012.01)
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B66B 19/00 (2006.01)
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(11) AU-A-2022456290
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B66B 5/00 (2006.01)
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B65G 17/06 (2006.01)
B65G 17/38 (2006.01)
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(54) SACCHAROMYCES CEREVISIAE YEAST AND USE THEREOF FOR IMPROVING THE INTESTINAL HEALTH OF PETS
(51) Int. Cl.
C12N 1/18 (2006.01)
A23K 10/18 (2016.01)
A23K 40/30 (2016.01)
A23K 50/42 (2016.01)
C12R 1/865 (2006.01)
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(31) FR2203569 (**(32)** 15.04.22 **(33)** FR
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(74) FPA Patent Attorneys Pty Ltd

(71) LES LABORATOIRES SERVIER
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(21) 2023238802 (**(22)** 24.03.2023)
(54) ANTI-GAL3 ANTIBODIES AND COMPOSITIONS
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61P 11/00 (2006.01)
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(31) 22305372.9 (**(32)** 25.03.22 **(33)** EP
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(74) Allens Patent & Trade Mark Attorneys

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(51) Int. Cl.

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A61K 31/711 (2006.01)
A61K 48/00 (2006.01)
A61P 25/28 (2006.01)
C12N 15/55 (2006.01)
C12N 15/85 (2006.01)
(31) 63/495,725 **(32)** 12.04.23 **(33)** US
 63/497,904 24.04.23 US
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(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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(54) REDOX FLOW BATTERY SYSTEM AND METHOD FOR OPERATING SAME
(51) Int. Cl.
H01M 8/04186 (2016.01)
H01M 8/04082 (2016.01)
H01M 8/04298 (2016.01)
H01M 8/04537 (2016.01)
H01M 8/18 (2006.01)
H01M 8/249 (2016.01)
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(11) AU-A-2023254344
(21) 2023254344 **(22)** 22.02.2023
(54) METHOD FOR OPERATING A REDOX FLOW BATTERY SYSTEM
(51) Int. Cl.
H01M 8/18 (2006.01)
H01M 8/04537 (2016.01)
H01M 8/04992 (2016.01)
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(54) MATERIALS AND METHODS FOR INCREASING GOLD RECOVERY FROM LEACHATE SOLUTIONS
(51) Int. Cl.
C22B 11/00 (2006.01)
- C22B 3/16** (2006.01)
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(74) Allens Patent & Trade Mark Attorneys
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(21) 2023260326 **(22)** 24.04.2023
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(51) Int. Cl.
C04B 28/00 (2006.01)
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(21) 2023269094 **(22)** 12.05.2023
(54) METHOD AND SYSTEM FOR ESTIMATING DISTANCE BETWEEN A FIBER END AND A TARGET
(51) Int. Cl.
A61B 18/22 (2006.01)
(87) WO2023/220403
(31) 63/341,654 **(32)** 13.05.22 **(33)** US
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- (71)** LUMMUS TECHNOLOGY LLC
(11) AU-A-2023254034
(21) 2023254034 **(22)** 13.04.2023
(54) INTEGRATED MIXED PLASTIC PYROLYSIS WITH HEAVY OIL PRODUCT THERMAL CRACKING
(51) Int. Cl.
C10G 1/10 (2006.01)
C10C 3/00 (2006.01)
C10G 1/00 (2006.01)
C10G 9/00 (2006.01)
(87) WO2023/200961
(31) 63/362,929 **(32)** 13.04.22 **(33)** US
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(74) Spruson & Ferguson
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(54) COMPOSITIONS FOR LOCAL THERAPY DELIVERY TO BRAIN TUMORS AND METHODS
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A61L 27/52 (2006.01)
- A61L 24/04** (2006.01)
A61L 24/10 (2006.01)
A61L 27/58 (2006.01)
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(74) RNB IP PTY LTD
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(54) SYSTEMS AND METHODS FOR HIGH DOSE RATE BRACHYTHERAPY TREATMENT PLANNING USING CONSTRAINT OPTIMIZATION
(51) Int. Cl.
G16H 20/40 (2018.01)
A61N 5/10 (2006.01)
G16H 10/60 (2018.01)
G16H 30/20 (2018.01)
G16H 50/20 (2018.01)
G16H 50/70 (2018.01)
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(72) DAMATO, Antonio; BEAUDRY, Joel; COHEN, Gil
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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(54) EMULSION FORMULATIONS OF POORLY WATER-SOLUBLE COMPOUNDS
(51) Int. Cl.
A61K 51/12 (2006.01)
A61K 47/69 (2017.01)
A61K 35/36 (2015.01)
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(31) 63/331,628 **(32)** 15.04.22 **(33)** US
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(72) MENNING, Mark Michael
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(21) 2023259126 **(22)** 25.04.2023
(54) STABLE FORMULATIONS OF ANTI-ILT4 ANTIBODIES OR ANTI-GEN-BINDING FRAGMENTS THEREOF IN COMBINATION WITH ANTI-PD-1 ANTIBODIES AND METHODS OF USE THEREOF
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/00 (2006.01)
A61K 39/395 (2006.01)
A61K 47/02 (2006.01)
A61K 47/10 (2017.01)
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 (51) Int. Cl.
 C07K 16/30 (2006.01)
 A61K 39/395 (2006.01)
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 A47J 45/07 (2006.01)
 A47J 37/10 (2006.01)
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 (51) Int. Cl.
 A61L 27/00 (2006.01)
 A61F 2/08 (2006.01)
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 B61G 9/20 (2006.01)
 B61G 1/28 (2006.01)
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 C12M 1/00 (2006.01)
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 (72) HAR-NOY, Michael
 (74) Michael Buck IP
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 (54) METHODS OF ACHIEVING SAFE AND SUSTAINED CONTROL OF IL-17-DEPENDENT CONDITIONS IN SUBJECTS RESPONSIVE TO TREATMENT WITH AN ANTI-IL 17A/F NANOBODY
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 A61P 17/06 (2006.01)
 C07K 16/24 (2006.01)
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 (72) REICH, Kristian
 (74) Davies Collison Cave Pty Ltd
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 (54) BIDIRECTIONAL POWER SUPPLY APPARATUS AND SYSTEM
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 H02M 5/458 (2006.01)
 H02J 7/34 (2006.01)
 H02M 7/797 (2006.01)
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 (54) MANAGING AND MANIPULATING A LONG LENGTH ROBOTIC ENDOSCOPE
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 G02B 23/24 (2006.01)
 A61B 1/01 (2006.01)
 A61B 34/30 (2016.01)
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 A61B 1/012 (2006.01)
 A61B 46/10 (2016.01)
 A61M 25/14 (2006.01)
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 A01G 25/09 (2006.01)
 B05B 3/18 (2006.01)
 B05B 15/625 (2018.01)
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 (51) Int. Cl.
 A61N 1/04 (2006.01)
 A61N 1/08 (2006.01)
 A61N 1/36 (2006.01)
 A61N 1/32 (2006.01)
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 B65H 75/44 (2006.01)
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B61B 13/12 (2006.01)
B60L 13/00 (2006.01)
B60L 13/03 (2006.01)
B60L 15/00 (2006.01)
B60L 15/20 (2006.01)
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B61C 15/00 (2006.01)
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A61N 1/36 (2006.01)
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 (54) ILT3 AND CD3 BINDING AGENTS AND METHODS OF USE THEREOF
 (51) Int. Cl.
C07K 16/00 (2006.01)
A61K 39/00 (2006.01)
C07K 16/28 (2006.01)
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C23C 2/06 (2006.01)
C22C 18/04 (2006.01)
C23C 2/02 (2006.01)
C23C 2/26 (2006.01)
C23C 2/40 (2006.01)
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H01F 27/245 (2006.01)
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F21V 21/08 (2006.01)
A45F 5/10 (2006.01)
F16B 45/00 (2006.01)
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 (74) Allens Patent & Trade Mark Attorneys
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G10L 21/0232 (2013.01)
H03G 3/30 (2006.01)
H03G 7/00 (2006.01)
H04S 7/00 (2006.01)
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 (54) HIGH-STRENGTH ALUMINUM ALLOYS FOR CAN END STOCK AND METHODS FOR PREPARING THE SAME
 (51) Int. Cl.
C22C 1/02 (2006.01)
B65D 1/12 (2006.01)
C21D 8/02 (2006.01)
C21D 9/46 (2006.01)
C22B 21/00 (2006.01)
C22C 21/08 (2006.01)
C22F 1/047 (2006.01)
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 (54) STERILIZATION METHOD
 (51) Int. Cl.
A61M 5/00 (2006.01)
A61L 2/20 (2006.01)
A61L 2/24 (2006.01)
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 (72) OPIE, David
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C07K 16/00 (2006.01)
C07K 16/28 (2006.01)
C07K 16/30 (2006.01)
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 (54) SEALING SYSTEM WITH EXTRA PRESSURE PROTECTION, MACHINE AND METHOD
 (51) Int. Cl.
F16J 15/44 (2006.01)
F16J 15/16 (2006.01)
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 (43) 05.10.2023
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 (74) PHILLIPS ORMONDE FITZPATRICK
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 (54) METHOD AND SYSTEM FOR REMOVING OXYGEN FROM A CARBON DIOXIDE STREAM
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(54) LOW-EMISSION POWER GENERATION SYSTEM AND METHOD
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H01M 8/0637 (2016.01)
H01M 8/0668 (2016.01)
H01M 8/12 (2016.01)
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(31) 102022000007907 **(32)** 21.04.22 **(33)** IT
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(72) STALLMANN, Olaf; ORSI, Gianni; RAS-TELLI, Davide
(74) Patent Attorney Services

(71) NXERA PHARMA UK LIMITED
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(54) ANTI-PAR2 ANTIBODIES
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C07K 16/28 (2006.01)
A61K 39/00 (2006.01)
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(74) FB Rice Pty Ltd

(71) OAK HILL BIO LIMITED
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(51) Int. Cl.
A61K 38/07 (2006.01)
A01B 51/00 (2006.01)
A61K 9/00 (2006.01)
A61K 31/00 (2006.01)
A61K 31/137 (2006.01)
A61K 31/4196 (2006.01)
A61K 31/4468 (2006.01)
A61K 31/485 (2006.01)
A61K 31/522 (2006.01)
A61K 31/5517 (2006.01)
A61K 31/7036 (2006.01)
A61K 35/00 (2006.01)
A61K 38/00 (2006.01)
A61K 38/16 (2006.01)
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(72) SALAMAT-MILLER, Nazila; BARTON, Norman
(74) SR Intellectual Property

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(54) INVENTORY HANDLING STATION ASSEMBLY
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F16B 7/18 (2006.01)
B65G 1/04 (2006.01)
B65G 1/137 (2006.01)
F16B 7/04 (2006.01)
F16B 12/44 (2006.01)
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(31) 2204280.8 **(32)** 25.03.22 **(33)** GB
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(71) OCADO INNOVATION LIMITED
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(54) CONTROLLING A ROBOTIC MANIPULATOR FOR PACKING AN OBJECT
(51) Int. Cl.
B25J 9/16 (2006.01)
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(74) James & Wells Intellectual Property

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F16L 33/025 (2006.01)
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(74) WRAYS PTY LTD

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E02D 7/06 (2006.01)
E02D 5/80 (2006.01)
E02D 13/04 (2006.01)
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F42B 3/26 (2006.01)
B25J 5/00 (2006.01)
B25J 9/00 (2006.01)
B25J 9/16 (2006.01)
E21B 15/00 (2006.01)
E21B 15/04 (2006.01)
F42B 3/10 (2006.01)
F42D 1/04 (2006.01)
F42D 1/22 (2006.01)
F42D 3/04 (2006.01)
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(74) Griffith Hack

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(51) Int. Cl.
C01B 3/02 (2006.01)
C01B 3/24 (2006.01)
C10K 3/00 (2006.01)
C01B 3/22 (2006.01)
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(51) Int. Cl.
A61K 9/19 (2006.01)
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A61K 31/198 (2006.01)
A61K 47/40 (2006.01)
A61P 35/00 (2006.01)
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 B65G 35/00 (2006.01)
 B07C 5/36 (2006.01)
 B65G 1/137 (2006.01)
 B65G 43/08 (2006.01)
 G06K 19/067 (2006.01)
 B07C 5/08 (2006.01)
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 A61M 5/315 (2006.01)
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 B01L 3/02 (2006.01)
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 B01J 6/00 (2006.01)
 C01F 5/06 (2006.01)
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 C04B 2/10 (2006.01)
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 B65D 83/40 (2006.01)
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 A61P 29/00 (2006.01)
 A61P 35/00 (2006.01)
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 A61B 17/122 (2006.01)
 A61B 17/29 (2006.01)
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 C12N 5/0775 (2010.01)
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 A61K 35/28 (2015.01)
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 B65D 51/16 (2006.01)
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 C03C 3/095 (2006.01)
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 C12Q 1/6855 (2018.01)
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 H04W 72/54 (2023.01)
 H04W 4/40 (2018.01)
 H04W 16/14 (2009.01)
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C21D 1/18 (2006.01)
B21B 1/085 (2006.01)
B22D 11/00 (2006.01)
C22C 38/02 (2006.01)
C22C 38/04 (2006.01)
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C04B 28/08 (2006.01)
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B60P 7/08 (2006.01)
B60P 7/06 (2006.01)
B60R 9/00 (2006.01)
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A61K 31/7076 (2006.01)
A61K 47/64 (2017.01)
A61P 35/00 (2006.01)
C07K 14/47 (2006.01)
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C12N 9/52 (2006.01)
A61K 38/48 (2006.01)
A61P 13/12 (2006.01)
A61P 37/00 (2006.01)
C07K 16/12 (2006.01)
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B01D 29/96 (2006.01)
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A47J 31/44 (2006.01)
B01D 27/08 (2006.01)
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A01M 23/00 (2006.01)
H04N 5/00 (2011.01)
H04N 7/18 (2006.01)
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C12Q 1/6844 (2018.01)
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A61G 3/06 (2006.01)
B61B 1/02 (2006.01)
E01F 1/00 (2006.01)
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A61L 31/02 (2006.01)
A61L 31/08 (2006.01)
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A61L 31/18 (2006.01)

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E03C 1/306 (2006.01)
E03C 1/284 (2006.01)
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E03F 5/20 (2006.01)
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C07D 491/22 (2006.01)
A61K 31/4745 (2006.01)
A61K 47/65 (2017.01)
A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
G01N 33/574 (2006.01)
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D01F 6/04 (2006.01)
D01F 6/46 (2006.01)
E01C 13/08 (2006.01)
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C07D 231/12 (2006.01)
C07D 401/14 (2006.01)
C07D 403/12 (2006.01)
C07D 403/14 (2006.01)
A61K 31/16 (2006.01)
A61K 31/33 (2006.01)
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C21B 13/00 (2006.01)
F27D 19/00 (2006.01)
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 (54) BIO-MEDICAL IMAGING DEVICES, SYSTEMS AND METHODS OF USE
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A61B 3/12 (2006.01)
A61B 3/10 (2006.01)
A61B 3/113 (2006.01)
A61B 3/14 (2006.01)
A61F 9/008 (2006.01)
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 (72) KATCHINSKIY, Nir; CEROICI, Christopher; RIVET-SABOURIN, Geoffroy
 (74) A.P.T. Patent and Trade Mark Attorneys
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 (51) Int. Cl.
A61K 47/54 (2017.01)
A61K 47/55 (2017.01)
A61K 47/64 (2017.01)
A61K 51/04 (2006.01)
A61P 31/16 (2006.01)
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 (54) METHODS AND COMPOSITIONS FOR TREATING EOSINOPHIL DRIVEN DISEASES AND DISORDERS
 (51) Int. Cl.
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
A61P 37/02 (2006.01)
C07K 16/28 (2006.01)

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C02F 1/78 (2023.01)
A61L 2/18 (2006.01)
B67D 3/00 (2006.01)
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G06F 3/02 (2006.01)
G06F 1/16 (2006.01)
H01H 13/705 (2006.01)
H01H 13/83 (2006.01)
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A61K 31/69 (2006.01)
A61K 9/127 (2006.01)
A61K 9/19 (2006.01)
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C07K 19/00 (2006.01)
A61K 38/17 (2006.01)
A61P 37/00 (2006.01)
C12N 15/12 (2006.01)
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F23L 7/00 (2006.01)
F23C 10/10 (2006.01)
F23C 10/18 (2006.01)
F23J 15/02 (2006.01)
F23L 15/04 (2006.01)
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A61K 35/76 (2015.01)
A61K 39/12 (2006.01)
C12N 15/40 (2006.01)
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 (54) SYSTEM AND METHOD OF A LOOP ARCHITECTURE OF A FIXED PIPING SYSTEM IMPLEMENTED WITHIN A SAFETY SYSTEM OF A STRUCTURE TO CONTINUOUSLY SUPPLY BREATHABLE AIR THEREWITHIN
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A62B 13/00 (2006.01)
A62B 15/00 (2006.01)
 (87) WO2024/005877
 (31) 18/103,495 (32) 31.01.23 (33) US
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 (43) 04.01.2024
 (72) TURIELLO, Anthony, J.
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 (21) 2023298880 (22) 07.04.2023
 (54) METHOD, DEVICE AND SYSTEM OF SENSOR-BASED BREATHABLE AIR QUALITY MONITORING IN A FIRE-FIGHTER AIR REPLENISHMENT SYSTEM
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A62B 15/00 (2006.01)
A62B 13/00 (2006.01)
G01N 33/00 (2006.01)
G16Y 20/10 (2020.01)
G16Y 40/10 (2020.01)
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 (21) 2023298882 (22) 26.04.2023
 (54) METHOD AND SYSTEMS OF MOBILE DATA PROCESSING DEVICE BASED REMOTE MONITORING OF A FIREFIGHTER AIR REPLENISHMENT SYSTEM PROVIDING ACCESS TO BREATHABLE AIR
 (51) Int. Cl.
A62B 15/00 (2006.01)
A62B 13/00 (2006.01)
G16Y 20/10 (2020.01)
G16Y 40/10 (2020.01)
G16Y 40/30 (2020.01)
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(21) 2023299080	(22) 08.03.2023			(21) 2023299787	(22) 19.06.2023		
(54) METHOD AND SYSTEM OF SENSOR-BASED SMART UNLOCKING OF A FIREFIGHTER AIR REPLENISHMENT SYSTEM				(54) METHOD AND SYSTEM OF AUTOMATIC SWITCHING BETWEEN SOURCES OF BREATHABLE AIR IN A FIREFIGHTER AIR REPLENISHMENT SYSTEM IN ACCORDANCE WITH AIR PARAMETER BASED AUTOMATIC PURGING OF A COMPROMISED FORM THEREOF			
(51) Int. Cl.				(51) Int. Cl.			
A62B 15/00 (2006.01)				A62B 13/00 (2006.01)			
A62B 13/00 (2006.01)				A62B 15/00 (2006.01)			
A62B 33/00 (2006.01)				G06Q 50/10 (2012.01)			
G16Y 20/10 (2020.01)							
G16Y 40/10 (2020.01)							
G16Y 40/30 (2020.01)							
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(72) TURIELLO, Anthony, J.				63/359,882	11.07.22	US	
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(21) 2023299112	(22) 08.06.2023			(74) Spruson & Ferguson			
(54) METHODS AND SYSTEM OF INCIDENT BASED CAMERA DEVICE ACTIVATION IN A FIREFIGHTER AIR REPLENISHMENT SYSTEM HAVING BREATHABLE AIR SUPPLIED THEREIN				<hr/>			
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G06Q 50/10 (2012.01)				(11) AU-A-2023299583			
A62B 11/00 (2006.01)				(21) 2023299583	(22) 08.03.2023		
G01D 21/02 (2006.01)				(54) SYSTEM AND METHOD OF A RING ARCHITECTURE OF A FIXED PIPING SYSTEM IMPLEMENTED WITHIN A SAFETY SYSTEM OF A STRUCTURE TO CONTINUOUSLY SUPPLY BREATHABLE AIR THEREWITHIN			
H04N 23/60 (2023.01)				(51) Int. Cl.			
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(21) 2023299124	(22) 19.06.2023			(21) 2023299588	(22) 06.04.2023		
(54) METHOD AND SYSTEM OF AIR PARAMETER BASED AUTOMATIC PURGING OF BREATHABLE AIR WITHIN A FIREFIGHTER AIR REPLENISHMENT SYSTEM				(54) METHOD AND SYSTEM OF AIR PARAMETER BASED AUTOMATIC BYPASSING OF A SOURCE OF BREATHABLE AIR IN A FIREFIGHTER AIR REPLENISHMENT SYSTEM IMPLEMENTED WITHIN A STRUCTURE			
(51) Int. Cl.				(51) Int. Cl.			
A62B 13/00 (2006.01)				A62B 15/00 (2006.01)			
A62B 15/00 (2006.01)				A62B 13/00 (2006.01)			
G06Q 50/10 (2012.01)				G16Y 10/60 (2020.01)			
				G16Y 40/30 (2020.01)			
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(54) MOUNTING ARRANGEMENT				(54) MOUNTING ARRANGEMENT			
(51) Int. Cl.				(51) Int. Cl.			
A62B 9/04 (2006.01)				A62B 9/04 (2006.01)			
A45F 5/02 (2006.01)				A45F 5/02 (2006.01)			
(87) WO2023/174921				(87) WO2023/174921			
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B01D 53/14 (2006.01)
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A01H 1/04 (2006.01)
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A01H 5/12 (2018.01)
A01H 6/02 (2018.01)
C12Q 1/6895 (2018.01)
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(54) PROCESS FOR CONVERSION OF LIGNOCELLULOSIC MATERIAL TO AN ORGANIC LIQUEFACTION PRODUCT
(51) Int. Cl.
C10G 1/08 (2006.01)
B01J 23/28 (2006.01)
B01J 23/881 (2006.01)
B01J 23/882 (2006.01)
B01J 23/887 (2006.01)
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C10G 1/06 (2006.01)
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(54) PROCESS FOR CONVERSION OF LIGNOCELLULOSIC MATERIAL TO AN ORGANIC LIQUEFACTION PRODUCT
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B01J 23/883 (2006.01)
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G01S 13/88 (2006.01)
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A61K 8/04 (2006.01)
A61K 8/31 (2006.01)
A61K 8/33 (2006.01)
A61K 8/37 (2006.01)
A61K 8/92 (2006.01)
A61Q 9/04 (2006.01)
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A61F 2/30 (2006.01)
A61B 17/58 (2006.01)
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(54) METHOD AND APPARATUS FOR ACHIEVING HIGH ELECTROSPRAY DEPOSITION EFFICIENCY ON LOW AREA TARGETS
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B05D 1/04 (2006.01)
B05B 5/025 (2006.01)
B05B 12/08 (2006.01)
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A61K 38/43 (2006.01)
A61K 38/48 (2006.01)
A61K 49/14 (2006.01)
A61K 48/00 (2006.01)
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A47H 5/02 (2006.01)
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A61G 3/00 (2006.01)
A61B 5/00 (2006.01)
A61G 1/013 (2006.01)
A61G 1/017 (2006.01)
A61G 1/044 (2006.01)
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F03G 4/02 (2006.01)
E21B 43/26 (2006.01)
F03G 4/00 (2006.01)
F24T 10/20 (2018.01)
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E04B 2/74 (2006.01)
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C04B 11/26 (2006.01)
C04B 18/167 (2023.01)
C04B 28/14 (2006.01)
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B02C 18/22 (2006.01)
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F16K 11/07 (2006.01)
B25D 9/20 (2006.01)
B25D 9/22 (2006.01)
F16K 29/00 (2006.01)
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C12N 15/113 (2010.01)
A61K 31/7088 (2006.01)
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(74) FB Rice Pty Ltd
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(11) AU-A-2023250044
(21) 2023250044 (22) 06.04.2023
(54) METHOD OF SHAPING A CARRIER SHEET OF HIGH HARDNESS
(51) Int. Cl.
B28D 1/00 (2006.01)
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- B23K 26/352 (2014.01)
B24C 1/04 (2006.01)
B28D 1/18 (2006.01)
B28D 1/22 (2006.01)
B28D 7/00 (2006.01)
B44C 5/04 (2006.01)
(87) WO2023/194595
(31) EP22462005 (32) 06.04.22 (33) EP
(43) 12.10.2023
(72) JÁVORI, Dávid Vilmos
(74) Griffith Hack
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- (71) SHACKELFORD PHARMA INC.
(11) AU-A-2023251986
(21) 2023251986 (22) 12.04.2023
(54) TREATMENT OF SEIZURE DISORDERS
(51) Int. Cl.
A61K 31/352 (2006.01)
A01H 6/28 (2018.01)
A61P 25/08 (2006.01)
A61P 25/12 (2006.01)
(87) WO2023/200906
(31) 63/330,269 (32) 12.04.22 (33) US
(43) 19.10.2023
(72) SHACKELFORD, Alan; SHANNON, Michael; LEARNED, Susan; D'CRUZ, O'Neill; RANDALL, Fiona
(74) Spruson & Ferguson
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- (71) SHANGHAI SHIJIANG BIOTECHNOLOGY CO., LTD
(11) AU-A-2023233624
(21) 2023233624 (22) 16.03.2023
(54) NITROGEN-CONTAINING HETEROCYCLIC COMPOUND AND USE THEREOF
(51) Int. Cl.
C07D 455/03 (2006.01)
A61K 31/4375 (2006.01)
A61P 35/00 (2006.01)
(87) WO2023/174381
(31) 202210256272.2 (32) 16.03.22 (33) CN
202210256355.1 16.03.22 CN
202210482536.6 05.05.22 CN
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(43) 21.09.2023
(72) SHI, Yufeng; MA, Wenjiang; PEI, Gang; XIA, Peng; WANG, Yingcai
(74) Griffith Hack
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- (71) SHANGHAI SHIJIANG BIOTECHNOLOGY CO., LTD
(11) AU-A-2023235188
(21) 2023235188 (22) 16.03.2023
(54) TETRACYCLIC COMPOUND AND USE THEREOF
(51) Int. Cl.
C07D 455/03 (2006.01)
A61K 31/4375 (2006.01)
A61P 35/00 (2006.01)
(87) WO2023/174377
(31) 202210256272.2 (32) 16.03.22 (33) CN
202210256355.1 16.03.22 CN
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 XIA, Peng; WANG, Yingcai
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(71) SHANGHAI SHIJIANG BIOTECHNO-
 LOGY CO., LTD
(11) AU-A-2023236661
(21) 2023236661 **(22)** 16.03.2023
(54) NITROGEN-CONTAINING HETERO-
 CYCLIC COMPOUND
(51) Int. Cl.
C07D 455/03 (2006.01)
A61K 31/4375 (2006.01)
A61P 35/00 (2006.01)
(87) WO2023/174378
(31) 202210256272.2 **(32)** 16.03.22 **(33)** CN
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(72) SHI, Yufeng; MA, Wenjiang; PEI, Gang;
 XIA, Peng; WANG, Yingcai
(74) Griffith Hack

(71) SHELTERED WINGS, INC. D/B/A
 VORTEX OPTICS
(11) AU-A-2023257952
(21) 2023257952 **(22)** 20.04.2023
(54) ILLUMINATION DEVICE FOR USE
 WITH A VIEWING OPTIC
(51) Int. Cl.
G02B 23/04 (2006.01)
F41G 1/35 (2006.01)
F41G 3/06 (2006.01)
G02B 27/34 (2006.01)
(87) WO2023/205329
(31) 63/363,297 **(32)** 20.04.22 **(33)** US
(43) 26.10.2023
(72) HAMILTON, Sam; HAVENS, Calen;
 LOWRY, William; KLEMM, Ian; CODY,
 Tom; BOLLIG, Garrison; CARLSON,
 Andy; TAYLOR, Cory; RUE, Tim;
 PALZKILL, Tony; JAUCH, Keegan;
 SAUSEN, Zach; LEWIS, Alexander
(74) Spruson & Ferguson

(71) SHELTERED WINGS, INC. D/B/A
 VORTEX OPTICS
(11) AU-A-2023259144
(21) 2023259144 **(22)** 25.04.2023
(54) IMAGING ENABLER FOR A VIEWING
 OPTIC
(51) Int. Cl.
F41G 1/30 (2006.01)
F41G 1/32 (2006.01)
F41G 1/38 (2006.01)
F41G 3/18 (2006.01)
(87) WO2023/211971
(31) 63/363,560 **(32)** 25.04.22 **(33)** US
 63/363,591 26.04.22 US
(43) 02.11.2023
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 HAMILTON, Sam; KLEMM, Ian; CODY,
 Tom; BOLLIG, Garrison; CARLSON,
 Andy; TAYLOR, Cory; RUE, Tim;

PALZKILL, Tony; JAUCH, Keegan;
 SAUSEN, Zach; LEWIS, Alexander
(74) Spruson & Ferguson

(71) SHENYANG XINGHUA PHARMA-
 CEUTICAL TECHNOLOGY CO., LTD
(11) AU-A-2023236675
(21) 2023236675 **(22)** 17.05.2023
(54) SILICONE MATERIAL, SILICONE
 TUBE, IMPLANT, PHARMACEUTICAL
 COMPOSITION, AND TEST METHOD
 FOR AMOUNT OF DRUG RELEASED
(51) Int. Cl.
C08L 83/07 (2006.01)
A61K 9/02 (2006.01)
A61P 15/18 (2006.01)
(87) WO2023/174450
(31) 202210279122.3 **(32)** 18.03.22 **(33)** CN
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(43) 21.09.2023
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 SHEN, Rui; SUN, Yuanhang
(74) PHILLIPS ORMONDE FITZPATRICK

(71) SHORELINE BIOSCIENCES, INC.
(11) AU-A-2023243458
(21) 2023243458 **(22)** 29.03.2023
(54) CHIMERIC ANTIGEN RECEPTORS
 FOR NATURAL KILLER CELLS AND
 USES THEREOF IN IMMUNOTHER-
 APY
(51) Int. Cl.
C07K 14/705 (2006.01)
A61K 35/17 (2015.01)
A61P 35/00 (2006.01)
C07K 14/545 (2006.01)
(87) WO2023/192908
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(43) 05.10.2023
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 RODGERS, David, Thomas; ZHU,
 Huang
(74) FB Rice Pty Ltd

(71) SIEMENS AKTIENGESELLSCHAFT
(11) AU-A-2023246473
(21) 2023246473 **(22)** 16.03.2023
(54) METHOD FOR ASCERTAINING THE
 FILL LEVEL OF A PIPE, ANALYS-
 IS UNIT, FLOW MEASURING SYS-
 TEM, AND COMPUTER PROGRAM
 PRODUCT
(51) Int. Cl.
G01F 1/58 (2006.01)
G01F 1/64 (2006.01)
G01F 23/24 (2006.01)
G01F 23/26 (2022.01)
(87) WO2023/186561
(31) 10 2022 203 021.4 **(32)** 28.03.22 **(33)** DE

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 Mohamed; RECKWERTH, Timo
(74) Spruson & Ferguson

(71) SMARTRAY PTY LTD
(11) AU-A-2023433408
(21) 2023433408 **(22)** 31.08.2023
(54) MEDICAL IMAGING APPARATUS,
 SYSTEM AND METHOD
(51) Int. Cl.
A61B 90/00 (2016.01)
A61B 6/00 (2006.01)
A61B 6/03 (2006.01)
A61B 34/10 (2016.01)
A61B 34/20 (2016.01)
G03B 35/02 (2021.01)
(87) WO2024/173976
(31) 2023900425 **(32)** 20.02.23 **(33)** AU
(43) 29.08.2024
(72) NIVBRANT, Nils Oscar
(74) Patentur Pty Ltd

(71) SMART STEP SURGICAL LLC
(11) AU-A-2023245891
(21) 2023245891 **(22)** 28.03.2023
(54) PROCESSOR CONTROLLED SUR-
 GICAL STEP STOOL WITH AUTO-
 MATIC HEIGHT ADJUSTMENT, VAC-
 UUM ATTACHMENT, AND ELEC-
 TRONIC FOOT SWITCHES
(51) Int. Cl.
A61G 13/12 (2006.01)
A61G 13/06 (2006.01)
A61G 13/08 (2006.01)
(87) WO2023/192854
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(43) 05.10.2023
(72) QUON, MD, Jennifer Lauren; CRAW-
 FORD, Frank William
(74) Adams Pluck

(71) SMITH & NEPHEW, INC.; SMITH
 & NEPHEW ORTHOPAEDICS AG;
 SMITH & NEPHEW ASIA PACIFIC
 PTE. LIMITED
(11) AU-A-2023271682
(21) 2023271682 **(22)** 09.05.2023
(54) FEMORAL BROACH-BASED MEAS-
 UREMENT TOOL
(51) Int. Cl.
A61B 34/20 (2016.01)
A61B 17/16 (2006.01)
A61B 34/30 (2016.01)
A61B 90/00 (2016.01)
A61G 13/12 (2006.01)
(87) WO2023/224830
(31) 63/344,086 **(32)** 20.05.22 **(33)** US
(43) 23.11.2023
(72) HOLLANDSWORTH, JR., Michael
 D.; KIM, Abel Cham; BELEW, Kevin
 Wayne; HAYS, Kevin R.; BENNETT, Mi-
 chael Scott
(74) Patent Attorney Services

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 & NEPHEW ORTHOPAEDICS AG;

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(21) 2023271746 **(22)** 15.05.2023
(54) INTRAMEDULLARY TIBIAL NAIL WITH VARIABLE ANGLE SCREW OPENINGS
(51) Int. Cl.
A61B 17/72 (2006.01)
(87) WO2023/224905
(31) 63/344,451 **(32)** 20.05.22 **(33)** US
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(72) RAKES, Jordan; ZYSK, Adam; WATANABE, Kohsuke; FABER, Henry B.
(74) Patent Attorney Services
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(11) AU-A-2023283601
(21) 2023283601 **(22)** 16.05.2023
(54) NUTRITIONAL COMPOSITION COMPRISING GOS AND HMOS
(51) Int. Cl.
A61K 31/702 (2006.01)
A23L 33/21 (2016.01)
A61P 25/22 (2006.01)
A61P 25/24 (2006.01)
(87) WO2023/237305
(31) 22178116.4 **(32)** 09.06.22 **(33)** EP
(43) 14.12.2023
(72) FERRIER, Laurent; BERGONZELLI DEGONDA, Gabriela; JANKOVIC, Ivana
(74) Spruson & Ferguson
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- (71)** SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
(11) AU-A-2023284896
(21) 2023284896 **(22)** 05.06.2023
(54) COFFEE BREWING APPARATUS
(51) Int. Cl.
A47J 31/36 (2006.01)
A47J 31/06 (2006.01)
A47J 31/46 (2006.01)
(87) WO2023/237471
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(72) FLICK, Jean-Marc; POLSTER, Johannes; BLUNIER, Jean-Daniel; MARANDET, Carine
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- (71)** SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
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(21) 2023288743 **(22)** 20.06.2023
(54) NON-ALKALIZED BOILED COCOA POWDER
(51) Int. Cl.
A23G 1/00 (2006.01)
A23G 1/30 (2006.01)
A23G 1/32 (2006.01)
A23G 1/36 (2006.01)
A23G 1/48 (2006.01)
A23G 1/56 (2006.01)
(87) WO2023/247527
(31) 22180773.8 **(32)** 23.06.22 **(33)** EP
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(72) COTARD, Aurélien; DEFFERRARD, Philippe; PELLON VEGA HAZAS, Isabel; AUZANNEAU, Noémie Rosanne
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- (71)** SOCIETE DES PRODUITS NESTLE SA
(11) AU-A-2023275981
(21) 2023275981 **(22)** 03.05.2023
(54) COMPOSITIONS AND METHODS FOR DEHYDRATED PET FOOD BLENDS
(51) Int. Cl.
A23K 30/20 (2016.01)
A23K 40/25 (2016.01)
(87) WO2023/227971
(31) FR2205076 **(32)** 25.05.22 **(33)** FR
(43) 30.11.2023
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(74) Spruson & Ferguson
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- (71)** SONAPHI, LLC
(11) AU-A-2023235057
(21) 2023235057 **(22)** 11.03.2023
(54) SYSTEMS AND METHOD OF PROVIDING HEALTH INFORMATION THROUGH USE OF A PERSON'S VOICE
(51) Int. Cl.
A61B 5/00 (2006.01)
G16H 10/20 (2018.01)
G16H 20/30 (2018.01)
(87) WO2023/177595
(31) 63/319,368 **(32)** 13.03.22 **(33)** US
(43) 21.09.2023
(72) MUZIK, Brandon; HINDS, Mark; FISH, Robert D.
(74) Davies Collison Cave Pty Ltd
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- (71)** SPEX SAMPLEPREP, LLC
(11) AU-A-2023265109
(21) 2023265109 **(22)** 02.03.2023
(54) CRYOGENIC GRINDING SYSTEM, APPARATUS, AND METHODS OF USE THEREOF
(51) Int. Cl.
B02C 18/08 (2006.01)
B02C 19/18 (2006.01)
B02C 23/18 (2006.01)
B02C 25/00 (2006.01)
(87) WO2023/215653
(31) 63/337,661 **(32)** 03.05.22 **(33)** US
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(72) ANDERSON-SMITH, Lea, L.; BOIVIN, Marc; MALO, Jean-François
(74) Griffith Hack
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- (71)** STERILE STATE, LLC
(11) AU-A-2023255304
(21) 2023255304 **(22)** 18.04.2023
(54) FUNCTIONALIZED POLYMERIC MATERIAL FOR FORMING NITRIC OXIDE AND METHODS THEREFOR
(51) Int. Cl.
C08G 18/87 (2006.01)
A61L 2/20 (2006.01)
A61L 9/015 (2006.01)
C08G 63/91 (2006.01)
C08G 64/42 (2006.01)
C08G 69/48 (2006.01)
C08G 77/392 (2006.01)
(87) WO2023/205125
(31) 63/332,871 **(32)** 20.04.22 **(33)** US
(43) 26.10.2023
(72) FROST, Megan Cecelia
(74) RnB IP
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- (71)** STICHTING HET NEDERLANDS KANKER INSTITUUT-ANTONI VAN LEEUWENHOEK ZIEKENHUIS
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(21) 2023233426 **(22)** 17.03.2023
(54) ZINC FINGER DEGRON SEQUENCES
(51) Int. Cl.
C12N 15/62 (2006.01)
C07K 14/47 (2006.01)
C12N 9/10 (2006.01)
(87) WO2023/177296
(31) 2031325 **(32)** 18.03.22 **(33)** NL
(43) 21.09.2023
(72) SAHILLIOGLU, Ali Can; SCHUMACHER, Antonius Nicolaas Maria
(74) AJ PARK
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- (71)** SUBSEA 7 LIMITED
(11) AU-A-2023273271
(21) 2023273271 **(22)** 17.05.2023
(54) MOUNTING EQUIPMENT ON WIND TURBINE STRUCTURES
(51) Int. Cl.
F03D 13/10 (2016.01)
F03D 13/25 (2016.01)
F03D 80/50 (2016.01)
(87) WO2023/223034
(31) 2207218.5 **(32)** 17.05.22 **(33)** GB
(43) 23.11.2023
(72) PLISZKA, Dominic
(74) Allens Patent & Trade Mark Attorneys
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- (71)** SUBSEA 7 LIMITED
(11) AU-A-2023291965
(21) 2023291965 **(22)** 14.06.2023
(54) JOINING LINED PIPES
(51) Int. Cl.
F16L 13/02 (2006.01)
B29C 65/06 (2006.01)
(87) WO2023/242571
(31) 2208707.6 **(32)** 14.06.22 **(33)** GB
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(72) FEENEY, Allan Andrew
(74) Allens Patent & Trade Mark Attorneys
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- (71)** SUBSEA 7 NORWAY AS
(11) AU-A-2023296641
(21) 2023296641 **(22)** 28.06.2023
(54) ASSEMBLY, TRANSPORTATION AND INSTALLATION OF FLOATING WIND TURBINES
(51) Int. Cl.
F03D 13/25 (2016.01)

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(31) 2209471.8 **(32)** 28.06.22 **(33)** GB
(43) 04.01.2024
(72) HØYVIK, Eskil
(74) Allens Patent & Trade Mark Attorneys

(71) SUEZ
(11) AU-A-2023255267
(21) 2023255267 **(22)** 20.04.2023
(54) METHOD FOR CALCULATING AN OPERATING PARAMETER OF A DIGESTER IN THE PRESENCE OF AT LEAST ONE INHIBITOR
(51) Int. Cl.
C12P 5/02 (2006.01)
C12M 1/107 (2006.01)
C12M 1/34 (2006.01)
C12M 1/36 (2006.01)
(87) WO2023/203300
(31) FR2203720 **(32)** 21.04.22 **(33)** FR
(43) 26.10.2023
(72) MOSCOVIZ, Roman; CAMACHO, Patricia; ROUEZ, Maxime; GUILAYN, Felipe
(74) Griffith Hack

(71) SUNAGA, H.
(11) AU-A-2023243179
(21) 2023243179 **(22)** 30.03.2023
(54) MUSCLE RELAXANT
(51) Int. Cl.
C07D 217/24 (2006.01)
A61K 31/472 (2006.01)
A61P 21/02 (2006.01)
(87) WO2023/190897
(31) 2022-056322 **(32)** 30.03.22 **(33)** JP
(43) 05.10.2023
(72) SUNAGA, Hiroshi
(74) Spruson & Ferguson

(71) SYLVAN INC.; SYLVAN AMERICA, INC.
(11) AU-A-2023289673
(21) 2023289673 **(22)** 23.06.2023
(54) METHOD FOR EXCLUDING THE AGGRESSIVE INCOMPATIBILITY TRAIT FROM STRAINS OF AGARICUS BISPORUS AND RELATED STRAINS AND LINES
(51) Int. Cl.
A01H 15/00 (2006.01)
C12R 1/645 (2006.01)
(87) WO2023/250454
(31) 63/355,283 **(32)** 24.06.22 **(33)** US
(43) 28.12.2023
(72) KESSLER, Michael; SCHULTZ, Michelle; LOFTUS, Mark; AMINI, Anica; DELBECQUE, Sylvie; SCHULTZ, Wes; KERRIGAN, Richard; WACH, Mark
(74) WRAYS PTY LTD

(71) SYNGENTA CROP PROTECTION AG
(11) AU-A-2023269523
(21) 2023269523 **(22)** 10.05.2023
(54) COMPOSITION AND METHOD FOR CONTROLLING WEEDS
(51) Int. Cl.

A01N 43/42 (2006.01)
A01P 13/00 (2006.01)
(87) WO2023/217910
(31) 22172605.2 **(32)** 10.05.22 **(33)** EP
(43) 16.11.2023
(72) JAMES, John, Robert; PEARSALU, David
(74) Davies Collison Cave Pty Ltd

(71) SYNGENTA CROP PROTECTION AG
(11) AU-A-2023271416
(21) 2023271416 **(22)** 17.05.2023
(54) A METHOD OF CONTROLLING WEEDS
(51) Int. Cl.
A01N 43/54 (2006.01)
A01N 43/80 (2006.01)
A01P 13/02 (2006.01)
(87) WO2023/222768
(31) 22174679.5 **(32)** 20.05.22 **(33)** EP
(43) 23.11.2023
(72) DOWNES, Joe; JACKSON, Lucy
(74) Davies Collison Cave Pty Ltd

(71) SYNTHOMER (UK) LIMITED
(11) AU-A-2023280522
(21) 2023280522 **(22)** 11.05.2023
(54) VINYL ESTER/ (METH)ACRYLATE POLYMER DISPERSION
(51) Int. Cl.
C08F 218/08 (2006.01)
C04B 24/26 (2006.01)
C08F 2/00 (2006.01)
C08F 2/20 (2006.01)
C08F 2/30 (2006.01)
C08F 2/38 (2006.01)
C08F 263/04 (2006.01)
(87) WO2023/232422
(31) 22176526.6 **(32)** 31.05.22 **(33)** EP
(43) 07.12.2023
(72) DAVIS, Christopher; LEROYER, Cedric
(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) SYQE MEDICAL LTD.
(11) AU-A-2023250453
(21) 2023250453 **(22)** 04.04.2023
(54) CONTROLLED RELEASE OF SUBSTANCES FROM A SOURCE MATERIAL STORED OVER TIME
(51) Int. Cl.
A61M 15/00 (2006.01)
A61M 11/04 (2006.01)
(87) WO2023/195007
(31) 63/327,393 **(32)** 05.04.22 **(33)** US
(43) 12.10.2023
(72) ZAKS BOHBOT, Ilana; AVIRAM, Joshua; KROLL, Asaf; FRENKLAKH, Anna; LIFSHITZ, Roee; ATZMONY, Daniella
(74) Cooper IP Pty Ltd

(71) TAKEDA PHARMACEUTICAL COMPANY LIMITED
(11) AU-A-2023264066
(21) 2023264066 **(22)** 01.05.2023

(54) METHODS OF PREPARING COHN POOL CONCENTRATE FROM BLOOD PLASMA THROUGH ULTRAFILTRATION
(51) Int. Cl.
A61K 35/16 (2015.01)
A61K 9/00 (2006.01)
A61K 38/00 (2006.01)
A61L 12/02 (2006.01)
B01D 61/00 (2006.01)
C07K 1/14 (2006.01)
(87) WO2023/215722
(31) 63/337,439 **(32)** 02.05.22 **(33)** US
 63/498,470 26.04.23 US
(43) 09.11.2023
(72) MARTELLI, Ivano; MIESELBERGER, Oliver; MICHELI, Francesca; ZAYDENBERG, Alexander; HANSON, Jarrod
(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) TDI GREENWAY TECHNOLOGIES LIMITED
(11) AU-A-2023230269
(21) 2023230269 **(22)** 13.03.2023
(54) RAPID CHARGING ARRANGEMENT
(51) Int. Cl.
B60L 5/38 (2006.01)
(87) WO2023/170433
(31) 2203386.4 **(32)** 11.03.22 **(33)** GB
 2219110.0 16.12.22 GB
(43) 14.09.2023
(72) SALKELD, Paul; HOWSON, Adrian; SWAN, Lyle
(74) Kings Patent & Trade Marks Attorneys Pty Ltd

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(54) METHOD FOR OPERATING AN INSTALLATION FOR THE GEOLOGICAL SEQUESTRATION OF CARBON DIOXIDE IN AN AQUIFER RESERVOIR
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E21B 41/00 (2006.01)
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H04B 1/10 (2006.01)
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(72) YAN, Ren Qiang; LI, Bi Hua
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 B64G 1/00 (2006.01)
 B64G 1/10 (2006.01)
 B64G 1/24 (2006.01)
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 A61B 5/12 (2006.01)
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 A61B 5/024 (2006.01)
 A61B 5/08 (2006.01)
 A61B 5/1455 (2006.01)
 A61B 5/30 (2021.01)
 A61B 5/38 (2021.01)
 H04R 25/00 (2006.01)
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 C07H 21/04 (2006.01)
 A61K 31/7088 (2006.01)
 C12N 15/11 (2006.01)
 C12P 19/34 (2006.01)
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 A61K 51/04 (2006.01)
 A61K 31/56 (2006.01)
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 C07K 19/00 (2006.01)
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 C07K 16/00 (2006.01)
 C12N 15/10 (2006.01)
 C12N 15/62 (2006.01)
 C12N 15/63 (2006.01)
 C12Q 1/6897 (2018.01)
 C40B 30/00 (2006.01)
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 G01N 33/53 (2006.01)
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 A61Q 11/00 (2006.01)
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 A61K 8/21 (2006.01)
 A61Q 11/00 (2006.01)
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 A61K 45/06 (2006.01)
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 C08F 236/06 (2006.01)
 C08F 8/32 (2006.01)
 C08G 59/24 (2006.01)
 C08G 59/50 (2006.01)
 C08J 3/24 (2006.01)
 C08K 5/1515 (2006.01)
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 A61K 35/12 (2015.01)
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 A61K 35/28 (2015.01)
 A61L 27/36 (2006.01)
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(51) Int. Cl.
C04B 7/02 (2006.01)
C04B 7/24 (2006.01)
C04B 7/38 (2006.01)
C04B 14/06 (2006.01)
C04B 14/28 (2006.01)
C04B 18/08 (2006.01)
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(51) Int. Cl.
C04B 7/02 (2006.01)
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C04B 28/04 (2006.01)
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B65D 17/28 (2006.01)
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B32B 7/12 (2006.01)
B32B 15/14 (2006.01)
B32B 15/16 (2006.01)
B32B 15/20 (2006.01)
C25B 1/04 (2021.01)
C25B 3/07 (2021.01)
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A61K 9/00 (2006.01)
A61K 31/195 (2006.01)
A61K 31/216 (2006.01)
A61K 31/423 (2006.01)
A61K 31/496 (2006.01)
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A61K 39/00 (2006.01)
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(54) VISUAL ANALYSER OF CONFINED PATHWAYS
(51) Int. Cl.
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H04N 23/50 (2023.01)
G01M 3/38 (2006.01)
G01N 21/88 (2006.01)
H04N 7/18 (2006.01)
H04N 13/122 (2018.01)
H04N 23/56 (2023.01)
H04N 23/57 (2023.01)
H04N 23/60 (2023.01)
H04N 23/65 (2023.01)
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A61B 17/86 (2006.01)
A61B 90/00 (2016.01)
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C12N 7/00 (2006.01)
A61K 38/17 (2006.01)
A61K 48/00 (2006.01)
C12N 15/86 (2006.01)
A61P 35/00 (2006.01)
C07K 14/705 (2006.01)
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(54) METHOD FOR PRODUCING PLASTIC MATERIAL DERIVED FROM USED SANITARY PRODUCT SUITABLE FOR MATERIAL RECYCLING OR CHEMICAL RECYCLING, AND PLASTIC MATERIAL DERIVED FROM USED SANITARY PRODUCT
(51) Int. Cl.

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B09B 3/70 (2022.01)
B09B 101/67 (2022.01)
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(51) Int. Cl.
B07C 5/02 (2006.01)
B65G 43/08 (2006.01)
G01N 21/00 (2006.01)
G06M 7/00 (2006.01)
G06T 7/00 (2017.01)
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C22C 38/04 (2006.01)
C21D 6/00 (2006.01)
C21D 8/02 (2006.01)
C22C 38/06 (2006.01)
C22C 38/08 (2006.01)
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C12N 5/0783 (2010.01)
A61K 35/12 (2015.01)
C07K 14/47 (2006.01)
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H01M 4/136 (2010.01)
H01G 11/24 (2013.01)
H01M 10/0569 (2010.01)
H01M 50/46 (2021.01)
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C25B 11/051 (2021.01)
C25B 1/04 (2021.01)
C25B 9/23 (2021.01)
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C25B 11/036 (2021.01)
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B01J 37/02 (2006.01)
B01J 23/02 (2006.01)
B01J 23/42 (2006.01)
B01J 31/02 (2006.01)
C01B 3/04 (2006.01)
C25B 1/04 (2021.01)
C25B 11/091 (2021.01)
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C08G 61/12 (2006.01)
C08J 5/22 (2006.01)
C25B 1/04 (2021.01)
C25B 13/08 (2006.01)
H01M 8/10 (2016.01)
H01M 8/102 (2016.01)
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E04H 15/48 (2006.01)
E04B 1/344 (2006.01)
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F28D 1/02 (2006.01)
A01G 15/00 (2006.01)
F24F 5/00 (2006.01)
F28D 7/10 (2006.01)
F28D 15/00 (2006.01)
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(51) Int. Cl.
C07D 261/08 (2006.01)
A61K 31/42 (2006.01)
A61K 31/496 (2006.01)
A61P 27/02 (2006.01)
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 A61K 39/09 (2006.01)
 A61P 31/04 (2006.01)
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 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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 H04L 9/00 (2022.01)
 G16B 50/00 (2019.01)
 H04L 9/40 (2022.01)
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 (54) HETEROARYL COMPOUNDS FOR THE TREATMENT OF PAIN
 (51) Int. Cl.
 A61P 9/06 (2006.01)
 A61P 25/02 (2006.01)
 A61P 29/00 (2006.01)
 C07D 213/68 (2006.01)
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 C07D 213/81 (2006.01)
 C07D 401/04 (2006.01)
 C07D 401/14 (2006.01)
 C07D 405/04 (2006.01)
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 A61P 9/06 (2006.01)
 A61K 31/4375 (2006.01)
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 A61P 29/00 (2006.01)
 C07D 215/233 (2006.01)
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 (51) Int. Cl.
 A61P 9/06 (2006.01)
 A61K 31/4427 (2006.01)
 A61K 31/4439 (2006.01)
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 A61P 29/00 (2006.01)
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C07D 213/69 (2006.01)
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 C07D 213/80 (2006.01)
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 A61C 13/20 (2006.01)
 F27B 17/02 (2006.01)
 F27D 99/00 (2010.01)
 H05B 3/44 (2006.01)
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 (43) 09.11.2023
 (72) BAHOLZER, Thomas
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 A61B 5/16 (2006.01)
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 G10L 25/63 (2013.01)
 G16H 10/20 (2018.01)
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G05D 1/00 (2006.01)
G06Q 10/083 (2023.01)
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G06Q 10/0833 (2023.01)
H04W 4/02 (2018.01)
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H04W 4/44 (2018.01)
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G06F 9/46 (2006.01)
G06F 9/50 (2006.01)
G06F 9/54 (2006.01)
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(51) Int. Cl.
G06T 7/00 (2017.01)
G06T 5/00 (2006.01)
G06T 11/60 (2006.01)
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G06T 5/00 (2006.01)
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 PRODUCTS
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C08K 5/523 (2006.01)
C08L 63/00 (2006.01)
C09J 163/00 (2006.01)
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 (74) Allens Patent & Trade Mark Attorneys
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A61K 31/437 (2006.01)
A61P 25/16 (2006.01)
A61P 25/24 (2006.01)
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 (72) ZHANG, Yanfeng; CRAGG, Stephanie
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 (74) FPA Patent Attorneys Pty Ltd
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 (54) NLRP3 MODULATORS
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C07D 403/06 (2006.01)
A61K 31/501 (2006.01)
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A61P 1/04 (2006.01)
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 YUAN, Shendong; NUSS, John
 (74) FB Rice Pty Ltd
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 (54) METHOD, DEVICE AND COMPUTER
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H04W 68/02 (2009.01)
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 (74) Davies Collison Cave Pty Ltd
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 DEVICE, STORAGE MEDIUM AND
 ELECTRONIC DEVICE
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H04L 5/00 (2006.01)
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 (72) GUO, Xiaojiang; LI, Jie
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 (11) AU-A-2023285152
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 (54) POSITIONING METHOD, SYSTEM
 AND DEVICE, STORAGE MEDIUM,
 AND PROGRAM PRODUCT
 (51) Int. Cl.
H04W 4/02 (2018.01)
 (87) WO2023/236682
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H04B 7/185 (2006.01)
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2023233337	10644137 CANADA INC.	2023240512	ASSOCIAÇÃO ALMASCIENCE - INVESTIGAÇÃO E DESENVOLVIMENTO EM CELULOSE PARA APLICAÇÕES INTELIGENTES E SUSTENTÁVEIS CONTE, G.A.; MARIN, F.; SALVADOR, S.; VINCENZI, S.
2023233426	STICHTING HET NEDERLANDS KANKER INSTITUUT-ANTONI VAN LEEUWENHOEK ZIEKENHUIS	2023240641	SABRN TECH PTY LTD
2023233624	SHANGHAI SHIJIANG BIOTECHNOLOGY CO., LTD	2023241173	BOREALIS AG
2023233675	BRISTOL-MYERS SQUIBB COMPANY	2023241241	ONCOPEPTIDES INNOVATION AB
2023233764	DOSE HEALTH, LLC	2023241731	ENALARE THERAPEUTICS INC.
2023233862	RISE RESEARCH INSTITUTES OF SWEDEN AB	2023241755	ENEOS CORPORATION
2023233863	RISE RESEARCH INSTITUTES OF SWEDEN AB	2023242588	RAYMOND SOLAR AB
2023234197	FASTER FORESTS INC.	2023242600	ESTECH A/S
2023234200	CANARIABIO INC.	2023242934	BAKER HUGHES OILFIELD OPERATIONS LLC
2023234346	CARBON TECHNOLOGY HOLDINGS, LLC	2023243179	SUNAGA, H.
2023234527	ZOMAGEN BIOSCIENCES LTD	2023243321	COHERUS BIOSCIENCES, INC.
2023234652	RFD BEAUFORT LIMITED	2023243458	SHORELINE BIOSCIENCES, INC.
2023234731	ZHANG, Y.	2023244486	OCADO INNOVATION LIMITED
2023234750	ADAMA MAKHTESHIM LTD.	2023245126	ENEOS CORPORATION
2023235057	SONAPHI, LLC	2023245436	BATTELLE MEMORIAL INSTITUTE; THOMPSON, R.L.; CULP, J.T.
2023235188	SHANGHAI SHIJIANG BIOTECHNOLOGY CO., LTD	2023245607	NGM BIOPHARMACEUTICALS, INC.
2023235203	ASKLEPIOS BIOPHARMACEUTICAL, INC.	2023245891	SMART STEP SURGICAL LLC
2023235252	VASA, P.; BURGET, J.; VAVROUŠOVÁ, D.	2023246473	SIEMENS AKTIENGESELLSCHAFT
2023235321	GENZYME CORPORATION	2023246862	ASTRAZENECA AB
2023235467	DOC KONTO LTD; KONTOGHIORGHES, A.	2023246976	VEIOVIA LIMITED
2023235482	INNOVATIVE MANGANESE TECHNOLOGIES SA (PTY) LTD.	2023247203	INTERCONTINENTAL GREAT BRANDS LLC
2023235501	FLSMIDTH A/S	2023247712	BIOTHEUS INC.
2023235579	PHYSICLEAN LTD.	2023247816	NUOVO PIGNONE TECNOLOGIE - S.R.L.
2023236040	BEAVER TECHNOLOGY SERVICES PTY LIMITED	2023247834	BOYLE, N.; BOYLE, N.; STEBBING, B.
2023236041	PHELAN, R.	2023248394	BIOLEXIS THERAPEUTICS, INC.
2023236101	WIGEN BIOMEDICINE TECHNOLOGY (SHANGHAI) CO., LTD.	2023248408	QUEST DIAGNOSTICS INVESTMENTS LLC
2023236143	RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY	2023248452	RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY
2023236439	CARBON TECHNOLOGY HOLDINGS, LLC	2023248534	ADRENALINEIP
2023236562	OMNIS ADVANCED TECHNOLOGIES, LLC	2023248932	COLGATE-PALMOLIVE COMPANY
2023236610	JANSSSEN PHARMACEUTICA NV	2023249412	KNAPP AG
2023236661	SHANGHAI SHIJIANG BIOTECHNOLOGY CO., LTD	2023249804	THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM
2023236675	SHENYANG XINGHUA PHARMACEUTICAL TECHNOLOGY CO., LTD	2023249873	ENVIRONTEC AQUA AS
2023236844	JANSSSEN BIOTECH, INC.	2023250044	SONSONIC DESIGN ZRT.
2023236854	DEPUY SYNTHES PRODUCTS, INC.	2023250231	SECARNA PHARMACEUTICALS GMBH & CO. KG;
2023236991	RICARDO UK LIMITED; BLUEBOX ENERGY LTD; RICARDO-AEA LIMITED	2023250453	SCINEURO THERAPEUTICS INC.
2023237356	TOKUYAMA CORPORATION	2023250532	SYQE MEDICAL LTD.
2023237534	OCADO INNOVATION LIMITED		QUENCH USA, INC.
2023237544	AMAZENTIS SA		

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2023250538	BIOLEXIS THERAPEUTICS, INC.	2023255304	STERILE STATE, LLC
2023250550	NEUVOTION, INC.	2023255321	INNOSPEC LIMITED
2023250562	FLUIDIQ INC.	2023255386	BLUEPRINT MEDICINES CORPORATION
2023250775	FISHER & PAYKEL HEALTHCARE LIMITED	2023255390	BIOSTEM TECHNOLOGIES, INC.
2023250880	MIRROR BIOLOGICS, INC.	2023255409	FASTBRICK IP PTY LTD
2023250944	BAKER HUGHES OILFIELD OPERATIONS LLC	2023255436	GALDERMA HOLDING SA
2023250946	BAKER HUGHES OILFIELD OPERATIONS LLC	2023255447	VOHRA, S.
2023251153	OETIKER SCHWEIZ AG	2023255470	ALTILLION, INC.
2023251194	KEMPESELL, D.; WHITE, M.	2023255538	ASTELLAS ENGINEERED SMALL MOLECULES US, INCORPORATED
2023251567	OLITEK PTY LTD		
2023251658	NUOVO PIGNONE TECNOLOGIE - S.R.L.	2023255542	GOOGLE LLC
2023251738	CATERPILLAR INC.	2023255558	VERTEX PHARMACEUTICALS INCORPORATED
2023251795	LIVA POWER MANAGEMENT SYSTEMS GMBH	2023255575	ESSA PHARMA INC.
2023251945	TECHNIP ENERGIES FRANCE	2023255610	OWENS CORNING INTELLECTUAL CAPITAL, LLC
2023251952	GENESPIRE S.R.L.	2023255676	CANDEL THERAPEUTICS, INC.
2023251986	SHACKELFORD PHARMA INC.	2023255677	HEARTBEAM, INC.
2023251989	FMC CORPORATION; FMC IP TECHNOLOGY GMBH	2023255771	VERTEX PHARMACEUTICALS INCORPORATED
2023252041	UTILIS SA	2023256058	HUAWEI TECHNOLOGIES CO., LTD.
2023252063	ANABIO TECHNOLOGIES PRIVATE LIMITED	2023256227	NUOVO PIGNONE TECNOLOGIE - S.R.L.
2023252504	PHENOX GMBH	2023256446	PINOTBIO, INC.
2023252712	ECOSPIRITS PTE. LTD.	2023256639	REPLICATE BIOSCIENCE, INC.
2023252786	THE BIONICS INSTITUTE OF AUSTRALIA	2023256644	PURDUE RESEARCH FOUNDATION
2023252870	MENNING, M.M.	2023256647	LOCUS SOLUTIONS IPCO, LLC
2023252875	W. L. GORE & ASSOCIATES, INC.	2023256822	NEVOMO POLAND SP. Z O.O.
2023252904	FARB, M.D.; BAITISH, I.	2023256986	NIPPON STEEL CORPORATION
2023253095	GAMBRO LUNDIA AB	2023257193	INFINIUM TECHNOLOGY, LLC
2023253104	SANDVIK MINING AND CONSTRUCTION OY	2023257212	CARGILL, INCORPORATED
2023253185	APTAR FRANCE SAS	2023257223	NITE IZE, INC.
2023253191	BAE SYSTEMS PLC	2023257295	GE GRID GMBH
2023253197	COLIN EDDIE CONSULTING LIMITED	2023257299	ACE VISION GROUP, INC.
2023253209	ENDOSTART S.R.L.	2023257305	OJJO, INC.
2023253638	RTG SCIENTIFIC, LLC	2023257313	VERTEX PHARMACEUTICALS INCORPORATED
2023253654	AEON BIOPHARMA, INC.	2023257355	CELYN THERAPEUTICS, INC
2023253662	AXONICS, INC.	2023257367	NEPTUNE MEDICAL INC.
2023253688	FARB, M.D.; FORBES, J.	2023257382	ORIGIN MATERIALS OPERATING, INC.
2023253693	ALBERT BLUE LLC; BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM	2023257490	EIRGENIX, INC.
	ENCODED THERAPEUTICS, INC.	2023257657	ROMANI, P.
2023253716	THE UNIVERSITY OF BRITISH COLUMBIA	2023257666	MOONLAKE IMMUNOTHERAPEUTICS AG
2023253730	GTS DEUTSCHLAND GMBH	2023257700	ENABL A/S
2023253778	ITREC B.V.	2023257851	RENEWABLE IRON FUEL TECHNOLOGY B.V.
2023253784	LESAFFRE ET COMPAGNIE	2023257900	CATERPILLAR INC.
2023253817	ORIGEN POWER LTD	2023257911	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
2023254005	CHINA MOBILE COMMUNICATION CO., LTD RESEARCH INSTITUTE; CHINA MOBILE COMMUNICATIONS GROUP CO., LTD.		
		2023257926	BARRON, E.S.; BARRON, R.T.
2023254034	LUMMUS TECHNOLOGY LLC	2023257952	SHELTERED WINGS, INC. D/B/A VORTEX OPTICS
2023254054	JUNGERS, C.; LEWANDER, P.	2023257968	INVIZYNE TECHNOLOGIES, INC.
2023254056	CHEVRON U.S.A. INC.	2023258006	BASF CORPORATION
2023254063	MEYER INTELLECTUAL PROPERTIES LIMITED; CHENG, S.K.S.	2023258009	ELI LILLY AND COMPANY
		2023258011	VAXCYTE, INC.; UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC.
2023254085	THORAGENIX INNOVATIONS, INC.		
2023254090	CHART ENERGY & CHEMICALS, INC.	2023258056	ACTEGA DO BRASIL TINTAS E VERNIZES LTDA.; COMPANHIA BRASILATA LABS
2023254203	ORTHOBIO THERAPEUTICS, INC.	2023258123	CHERETAKIS, A.
2023254264	OSSIUM HEALTH, INC.	2023258288	PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA
2023254344	LIVA POWER MANAGEMENT SYSTEMS GMBH		
2023254421	KAO CORPORATION, S.A.	2023258529	BAE SYSTEMS PLC
2023254494	ENDOSTART S.R.L.	2023258628	FLSMIDTH A/S
2023254697	IMODALITY PTY LTD	2023258816	AKITA PREFECTURAL UNIVERSITY; PANASONIC HOLDINGS CORPORATION
2023254704	THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO		
		2023259123	PRAXIS PRECISION MEDICINES, INC.
2023254763	BLUEWILLOW BIOLOGICS, INC.	2023259126	MERCK SHARP & DOHME LLC
2023254773	EISAI R & D MANAGEMENT CO., LTD.	2023259127	MERCK SHARP & DOHME LLC
2023254853	TWELVE BENEFIT CORPORATION	2023259132	ZEPHYROS, INC.
2023255166	BASF SE	2023259144	SHELTERED WINGS, INC. D/B/A VORTEX OPTICS
2023255209	DOLBY LABORATORIES LICENSING CORPORATION	2023259147	ABBOTT DIABETES CARE INC.
2023255267	SUEZ	2023259269	BEIJING MABWORKS BIOTECH CO., LTD
2023255294	MEMORIAL SLOAN-KETTERING CANCER CENTER; MEMORIAL HOSPITAL FOR CANCER AND ALLIED DISEASES; SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH	2023259453	VOLVO AUTONOMOUS SOLUTIONS AB
		2023259466	IFP ENERGIES NOUVELLES; REPSOL S.A.
		2023259559	INTEGRATIVE RESEARCH LABORATORIES SWEDEN AB; WIKSTRÖM, H.
		2023259617	NEVRO CORP.
2023255301	GILGAMESH PHARMACEUTICALS, INC.	2023260326	LUBRIZOL ADVANCED MATERIALS, INC.

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2023260484	MASSACHUSETTS INSTITUTE OF TECHNOLOGY; THE BRIGHAM AND WOMEN'S HOSPITAL, INC.	2023269094	LUMENIS LTD.
2023260608	RECARDIO INC.; PROJECT PHARMACEUTICS GMBH	2023269145	CODEXIS, INC.
2023260640	ARGENX BV	2023269290	NOXILIZER, INC.
2023260755	CAREDX, INC.	2023269370	PEPSICO, INC.
2023260758	BAE SYSTEMS PLC	2023269444	CONSUMER SAFETY TECHNOLOGY, LLC
2023260826	OSHERU, INC.	2023269523	SYNGENTA CROP PROTECTION AG
2023260828	GOOGLE LLC	2023269763	AAVNERGENE INC.
2023260917	NEPTUNE MEDICAL INC.	2023269821	WATT FUEL CELL CORP.
2023261334	PEAK POLAR HOLDING AS	2023270163	UOP LLC
2023261381	HUAWEI TECHNOLOGIES CO., LTD.	2023270171	WATER PIK, INC.
2023261428	MINER ENTERPRISES, INC.	2023270700	OXFORD NANOPORE TECHNOLOGIES PLC
2023261790	COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION	2023271148	HAIER SMART HOME CO., LTD.; QINGDAO HAIER REFRIGERATOR CO., LTD.; HAIER US APPLIANCE SOLUTIONS, INC.
2023261792	ALTRO BUILDING SYSTEMS PTY LTD	2023271416	SYNGENTA CROP PROTECTION AG
2023261875	INTERDIGITAL PATENT HOLDINGS, INC.	2023271682	SMITH & NEPHEW, INC.; SMITH & NEPHEW ORTHO- PAEDICS AG; SMITH & NEPHEW ASIA PACIFIC PTE. LIMITED
2023261985	EXEL INDUSTRIES	2023271746	SMITH & NEPHEW, INC.; SMITH & NEPHEW ORTHO- PAEDICS AG; SMITH & NEPHEW ASIA PACIFIC PTE. LIMITED
2023262112	PURINOMIA BIOTECH, INC.	2023271840	CHINOOK THERAPEUTICS, INC.
2023262177	FUNDACION TECNALIA RESEARCH & INNOVATION	2023271872	THE PROCTER & GAMBLE COMPANY
2023262231	BAE SYSTEMS PLC	2023271883	ORCHID HOLDINGS LLC
2023262237	KALVISTA PHARMACEUTICALS LIMITED	2023272056	CALIWAY BIOPHARMACEUTICALS CO., LTD.
2023262467	INTEGRATIVE RESEARCH LABORATORIES SWEDEN AB	2023272273	DEUTSCHES KREBSFORSCHUNGSZENTRUM STIF- TUNG DES ÖFFENTLICHEN RECHTS; ALBERT-LUD- WIGS-UNIVERSITÄT FREIBURG
2023262557	EQUINOR ENERGY AS	2023272443	TYRA BIOSCIENCES, INC.
2023262600	UNITED STATES STEEL CORPORATION	2023272796	WING AVIATION LLC
2023262651	KINGS COLLEGE LONDON	2023272961	OWENS-BROCKWAY GLASS CONTAINER INC.
2023262740	IHI CORPORATION	2023273083	HUANG, L.
2023262832	UNICHARM CORPORATION	2023273271	SUBSEA 7 LIMITED
2023263038	ZTE CORPORATION	2023273718	THE PROCTER & GAMBLE COMPANY
2023263181	DANATLAS PHARMACEUTICALS CO., LTD.	2023273952	BAYER AKTIENGESELLSCHAFT; BAYER AS
2023263230	KINETIC PRESSURE CONTROL, LTD.	2023274371	CUREVAC SE
2023263317	DRAFT TOP, INC.	2023274509	GEA WESTFALIA SEPARATOR GROUP GMBH
2023263364	RIJK ZWAAN ZAADTEELT EN ZAADHANDEL B.V.	2023274779	NANJING CHERVON INDUSTRY CO., LTD.
2023263388	BAYER HEALTHCARE LLC	2023275383	UNIVERSITY OF SOUTH CAROLINA
2023263693	BAYER AKTIENGESELLSCHAFT	2023275599	MIACH ORTHOPAEDICS, INC.
2023263999	BAYER HEALTHCARE LLC	2023275981	SOCIETE DES PRODUITS NESTLE SA
2023264066	TAKEDA PHARMACEUTICAL COMPANY LIMITED	2023276442	ALLNEX USA INC.
2023264210	BAYER AKTIENGESELLSCHAFT	2023276829	ASCENDIS PHARMA GROWTH DISORDERS A/S
2023264278	VITA ZAHNFABRIK	2023276914	HORIZON THERAPEUTICS IRELAND DAC
2023264491	ESPERION THERAPEUTICS, INC.	2023277803	CONDUCTIX - WAMPFLER SRL
2023264554	BAYLOR UNIVERSITY	2023278436	POLYTEX SPORTBELÄGE PRODUKTIONS-GMBH
2023264655	HUAWEI TECHNOLOGIES CO., LTD.	2023278446	BIO-TRIP B.V.
2023264762	UNITEC S.P.A.	2023278748	ZAZZLE INC.
2023264787	H. LUNDBECK A/S	2023279053	ELECTROLUX APPLIANCES AKTIEBOLAG
2023264806	PRIMETALS TECHNOLOGIES AUSTRIA GMBH	2023279244	NETAFIM LTD
2023265027	ARRIS ENTERPRISES LLC	2023279542	ZAZZLE INC.
2023265033	ABIOMED, INC.	2023280163	ZAZZLE INC.
2023265109	SPEX SAMPLEPREP, LLC	2023280164	ZAZZLE INC.
2023265474	NUMAB THERAPEUTICS AG	2023280522	SYNTHOMER (UK) LIMITED
2023265487	AMGEN INC.	2023280579	KOMATSU LTD.
2023265492	NOVELIS INC.	2023280737	ZAZZLE INC.
2023265511	ROUTE 92 MEDICAL, INC.	2023281413	HUA, W.
2023265533	ALLU INNOVATION AND RESEARCH CENTER OY	2023281433	ZAZZLE INC.
2023265620	PFIZER INC.	2023281434	ZAZZLE INC.
2023265993	UMOJA BIOPHARMA, INC.	2023281905	POLYTEX SPORTBELÄGE PRODUKTIONS-GMBH
2023266079	DILAFOR AB	2023283443	CHINA NATIONAL PETROLEUM CORPORATION; CHINA NATIONAL PETROLEUM CORPORATION SAFETY AND ENVIRONMENTAL TECHNOLOGY RE- SEARCH INSTITUTE CO., LTD.
2023266116	DEEPMIND TECHNOLOGIES LIMITED	2023283601	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
2023266117	OAK HILL BIO LIMITED	2023283735	C4 THERAPEUTICS, INC.
2023267660	GRAPHIC PACKAGING INTERNATIONAL, LLC	2023283913	PEKING UNIVERSITY FIRST HOSPITAL; SHANGHAI ALEZYME PHARMACEUTICALS LTD.
2023267664	DICERNA PHARMACEUTICALS, INC.	2023284213	ISHIHARA SANGYO KAISHA, LTD.
2023267882	ELAFLEX HIBY GMBH & CO. KG	2023284337	LAITRAM, L.L.C.
2023267928	SANDVIK LTD	2023284426	OPEX CORPORATION
2023267933	CASALE SA	2023284896	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
2023267952	F. HOFFMANN-LA ROCHE AG		
2023268389	UOP LLC		
2023268395	UOP LLC		
2023268490	TEXTRON INNOVATIONS INC.		
2023268998	GRAPHIC PACKAGING INTERNATIONAL, LLC		
2023269004	ADVANCED DIAMOND HOLDINGS, LLC		
2023269059	BOARD OF TRUSTEES OF MICHIGAN STATE UNI- VERSITY		

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2023285071	CARIBOU BIOSCIENCES, INC.
2023285152	ZTE CORPORATION
2023285387	ALCON INC.
2023287707	SAINT-GOBAIN PLACO
2023288136	ALCON INC.
2023288289	NIPPON STEEL CORPORATION
2023288426	AMGEN INC.
2023288432	AMGEN INC.
2023288743	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
2023289673	SYLVAN INC.; SYLVAN AMERICA, INC.
2023290933	PLIM, A.
2023291965	SUBSEA 7 LIMITED
2023292503	C4 THERAPEUTICS, INC.
2023296641	SUBSEA 7 NORWAY AS
2023296675	BEIJING NEOX BIOTECH LIMITED
2023296688	BIOCYTOGEN PHARMACEUTICALS (BEIJING) CO., LTD.
2023297747	RESCUE AIR SYSTEMS, INC.
2023298880	RESCUE AIR SYSTEMS, INC.
2023298882	RESCUE AIR SYSTEMS, INC.
2023299080	RESCUE AIR SYSTEMS, INC.
2023299112	RESCUE AIR SYSTEMS, INC.
2023299124	RESCUE AIR SYSTEMS, INC.
2023299171	RESCUE AIR SYSTEMS, INC.
2023299583	RESCUE AIR SYSTEMS, INC.
2023299588	RESCUE AIR SYSTEMS, INC.
2023299787	RESCUE AIR SYSTEMS, INC.
2023299903	RESCUE AIR SYSTEMS, INC.
2023305151	ALCON INC.
2023314883	KOMATSU LTD.
2023315128	SAINT-GOBAIN PLACO
2023338740	GOOGLE LLC
2023345998	KOMATSU LTD.
2023362700	COOPERVISION INTERNATIONAL LIMITED
2023369039	COOPERVISION INTERNATIONAL LIMITED
2023377855	ZTE CORPORATION
2023413137	PARTANNA GLOBAL, INC.
2023433408	SMARTRAY PTY LTD
2024204979	TOP CAP HOLDING GMBH
2024211006	PANGANG GROUP PANZHIHUA IRON & STEEL RE-SEARCH INSTITUTE CO., LTD.; PANGANG GROUP PANZHIHUA STEEL & VANADIUM CO., LTD.
2024212284	RYSE INC.
2024219727	ULRICH GMBH & CO. KG
2024220143	LIFEEDIT THERAPEUTICS, INC.
2024224208	REMEGEN CO., LTD.
2024227135	PEARLSINMIRE CO., LTD.

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2023263364	2023255390	2024212284	2023257367 2023258123 2023271682 2023433408 2024219727	2023231321 2023233624 2023234200 2023234527 2023234731 2023235188 2023236101 2023236661 2023237544 2023238460 2023238504 2023238507 2023238751 2023240170 2023241241 2023241731 2023243179 2023246862 2023248394 2023249804 2023250231 2023250538 2023251986 2023255301 2023255386 2023255538 2023255575 2023255771 2023256446 2023257313 2023257355 2023257911 2023257968 2023259123 2023259559 2023260608 2023262467 2023263181 2023264491 2023264787 2023266079 2023266117 2023271840 2023272056 2023272443 2023273952 2023278446	2023233624 2023234200 2023234527 2023234731 2023235188 2023236101 2023236661 2023237544 2023238460 2023238504 2023238507 2023238751 2023240170 2023241241 2023241731 2023243179 2023246862 2023248394 2023249804 2023250231 2023250538 2023251986 2023255301 2023255386 2023255538 2023255575 2023255771 2023256446 2023257313 2023257355 2023257911 2023257968 2023259123 2023259559 2023260608 2023262467 2023263181 2023264491 2023264787 2023266079 2023266117 2023271840 2023272056 2023272443 2023273952 2023278446	
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2023289673	2023234750 2023258006 2023264210	2023269370 2023284896	2023270171	2023234200 2023238802 2023238937 2023243321 2023245607 2023247712 2023254763 2023256639 2023257490 2023258009 2023258011 2023259126 2023259127 2023259269 2023260640 2023262112 2023272443 2023274371 2023276914 2023285071		
<u>A01H 6 /-</u>	<u>A01P 5 /-</u>	<u>A47J 36 /-</u>	<u>A61C 13 /-</u>			
2023251986 2023263364	2023258006	2023235467	2022456714 2023264278			
<u>A01M 23 /-</u>	<u>A01P 7 /-</u>	<u>A47J 37 /-</u>	<u>A61C 17 /-</u>			
2022447253	2023234750 2023258006	2023235467 2023254063	2023270171			
<u>A01M 7 /-</u>	<u>A23B 7 /-</u>	<u>A47J 45 /-</u>	<u>A61F 13 /-</u>			
2023261985	2023240521	2023254063	2023252063			
<u>A01N 1 /-</u>	<u>A23C 19 /-</u>	<u>A61B 1 /-</u>	<u>A61F 2 /-</u>			
2023254264	2023247203	2023253209 2023254494 2023257367 2023260917	2023253638 2023265033 2023265511 2023275599 2023305151			
<u>A01N 25 /-</u>	<u>A23G 1 /-</u>	<u>A61B 17 /-</u>	<u>A61F 5 /-</u>			
2023240521 2023258006	2023288743	2023253638 2023260826 2023271682 2023271746 2024219727	2023252063			
<u>A01N 31 /-</u>	<u>A23K 10 /-</u>	<u>A61B 18 /-</u>	<u>A61F 9 /-</u>			
2023263693	2023247834 2023253817	2023269094	2022453199 2023257299 2023285387			
<u>A01N 37 /-</u>	<u>A23K 30 /-</u>	<u>A61B 3 /-</u>	<u>A61G 1 /-</u>			
2023284213	2023247834 2023275981	2022453199 2023257299	2023240641			
<u>A01N 43 /-</u>	<u>A23K 40 /-</u>	<u>A61B 34 /-</u>				
2023234750 2023240521 2023258006 2023264210 2023269523 2023271416 2023284213	2023247834 2023253817 2023275981	2023236854 2023253209 2023257299				
	<u>A23K 50 /-</u>					
	2023253817					

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2023252870	<u>A61L 24 /-</u>	<u>A61N 5 /-</u>		2023257911	<u>B01D 27 /-</u>
2023254203			<u>A61P 3 /-</u>	2023272443	
2023254773	2023260484	2023255294			2023269370
2023256446			2023234527	<u>A61Q 11 /-</u>	
2023256644	<u>A61L 27 /-</u>	<u>A61P 1 /-</u>	2023269145		<u>B01D 29 /-</u>
2023257490			2023272443	2023271872	
2023259126	2023254085	2023234527		2023273718	2023269370
2023272056	2023260484	2023264491	<u>A61P 31 /-</u>		
2023272443	2023275599			<u>A61Q 19 /-</u>	<u>B01D 35 /-</u>
2023276829		<u>A61P 11 /-</u>	2023231321		
2023292503	<u>A61L 31 /-</u>		2023238507	2023237544	2023269370
2023296675		2023234527	2023254763	2023248932	
2024227135	2023252504	2023238504	2023255538	2023254421	<u>B01D 46 /-</u>
	<u>A61L 9 /-</u>	2023238802	2023256644	2023255436	
<u>A61K 48 /-</u>		2023241731	2023258011		2023269821
	2023255304	<u>A61P 13 /-</u>	2023274371	<u>A61Q 5 /-</u>	<u>B01D 53 /-</u>
2023235203					
2023248452	<u>A61M 1 /-</u>	2023255538	<u>A61P 35 /-</u>	2023254421	2023236991
2023251952		2023271840			2023242600
2023253716	2023253095	2023272443	2023233624	<u>A61Q 9 /-</u>	2023242934
2023265993		2023283913	2023235188	2023257657	2023245436
2024220143	<u>A61M 11 /-</u>		2023236101		2023251658
		<u>A61P 15 /-</u>	2023236661	<u>A62B 11 /-</u>	2023257212
<u>A61K 49 /-</u>	2023250453		2023241241		2023259466
	<u>A61M 13 /-</u>	2023236675	2023243458	2023299112	2023261790
2023248452		2023266079	2023246862	<u>A62B 13 /-</u>	<u>B01D 61 /-</u>
	2023250775	<u>A61P 17 /-</u>	2023247712		
<u>A61K 51 /-</u>			2023248394	2023297747	2023264066
	<u>A61M 15 /-</u>	2023234527	2023250538	2023298880	
2023238751		2023237544	2023254203	2023298882	<u>B01F 101 /-</u>
2023252870	2023250453	2023257666	2023254773	2023299080	
2023256644	2023253185	2023260640	2023255386	2023299124	2023247834
2023272273	<u>A61M 16 /-</u>	<u>A61P 19 /-</u>	2023256446	2023299171	
2023273952			2023257355	2023299583	<u>B01F 35 /-</u>
	2023250562	2023234527	2023257490	2023299588	
<u>A61K 8 /-</u>	2023250775		2023259269	2023299787	2023247834
	2023264554	<u>A61P 21 /-</u>	2023262112	2023299903	
2023237544	2023273083		2023263181		<u>B01J 20 /-</u>
2023248932		2023243179	2023265993	<u>A62B 15 /-</u>	2023255470
2023254421	<u>A61M 21 /-</u>	2023254203	2023272056		2023261790
2023255436		2023255538	2023272443	2023297747	
2023257657	2023254697	<u>A61P 25 /-</u>	2023273952	2023298880	<u>B01J 21 /-</u>
2023271872			2024227135	2023298882	
2023273718	<u>A61M 25 /-</u>	2023234527	<u>A61P 37 /-</u>	2023299080	2023262740
		2023234527		2023299124	
<u>A61K 9 /-</u>	2023253209	2023234731	2023234527	2023299171	<u>B01J 23 /-</u>
	2023254494	2023251986	2023256639	2023299583	
2023236675	2023260917	2023253654	2023258009	2023299588	2023233862
2023237544		2023255538	2023259269	2023299787	2023233863
2023241241	<u>A61M 39 /-</u>	2023255558	2023260755	2023299903	2023262740
2023241731		2023255571	2023262112		2023268395
2023254085	2023250775	2023257313	2023278446	<u>A62B 33 /-</u>	<u>B01J 31 /-</u>
2023254203	2023263388	2023259559	2023283913		
2023255390	2023263388	2023262467	2024224208	2023299080	2023268395
2023257490	<u>A61M 5 /-</u>	2023264787	<u>A61P 43 /-</u>		
2023260608		2023283601		<u>A62B 35 /-</u>	<u>B01J 35 /-</u>
2023262237	2023263388	2024220143	2023262237	2023236040	
2023264066	2023269290		2023278446		2023233862
2023266117	2023272443	<u>A61P 27 /-</u>		<u>A62B 9 /-</u>	
2023272443	2023271883		2023238460	2023234652	<u>B01J 37 /-</u>
2023276829	2023285387	2023238460	<u>A61P 7 /-</u>	2023299171	
2023278446	2023288432	2023255538			2023268395
	<u>A61M 60 /-</u>	2023276914	2023255538	<u>A63B 23 /-</u>	
<u>A61L 12 /-</u>		<u>A61P 29 /-</u>			<u>B01J 6 /-</u>
	2023265033		2023255538	2023254697	
<u>A61L 2 /-</u>		2023254203	<u>A61P 9 /-</u>		2023253831
	<u>A61N 1 /-</u>	2023254264		<u>B01D 11 /-</u>	
2023250532		2023255558	2023234527		<u>B01J 7 /-</u>
2023255304	2023250550	2023255771	2023254203	2023257212	
2023269290	2023253662	2023257313	2023255558		2023268395
	2023259617		2023255771		
			2023257313		2023273083

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<u>B01L 3 /-</u>	<u>B09B 101 /-</u>	<u>B29B 17 /-</u>	<u>B60L 13 /-</u>	<u>B62D 63 /-</u>	<u>B65B 35 /-</u>
2023271883	2023262832	2023238141	2023256822	2023261985	2023249412
<u>B02C 18 /-</u>	<u>B09B 3 /-</u>	2023238699	<u>B60L 15 /-</u>	<u>B63B 23 /-</u>	<u>B65B 39 /-</u>
2023265109	2023247834	2023241173	2023256822	2023236040	2023249412
2023267928	2023262832	2023262832	<u>B60L 5 /-</u>	<u>B63B 59 /-</u>	<u>B65B 5 /-</u>
<u>B02C 19 /-</u>	<u>B21B 1 /-</u>	2023291965	2023230269	2023249873	2023249412
2023265109	2024211006	<u>B32B 15 /-</u>	<u>B60P 7 /-</u>	<u>B63G 13 /-</u>	<u>B65B 51 /-</u>
<u>B02C 23 /-</u>	<u>B21J 15 /-</u>	2023254853	2023261334	2023253191	2022455689
2023247834	2022460226	2023258056	<u>B60R 11 /-</u>	2023262231	<u>B65B 69 /-</u>
2023265109	<u>B22D 11 /-</u>	<u>B32B 27 /-</u>	2023261334	<u>B63G 8 /-</u>	2023249412
2023267928	2024211006	2023258056	<u>B60R 16 /-</u>	2023253191	<u>B65B 7 /-</u>
<u>B02C 25 /-</u>	<u>B23K 26 /-</u>	<u>B32B 3 /-</u>	2023257900	<u>B64C 11 /-</u>	2023257382
2023265109	2023250044	2023254853	<u>B60R 9 /-</u>	2023258529	<u>B65B 9 /-</u>
<u>B04B 1 /-</u>	<u>B24C 1 /-</u>	<u>B32B 37 /-</u>	2023261334	2023260758	2023249412
2023235501	2023250044	2023258056	<u>B61B 1 /-</u>	<u>B64C 23 /-</u>	<u>B65D 1 /-</u>
<u>B04B 13 /-</u>	2023257926	<u>B32B 5 /-</u>	2023236041	2023258529	2023265492
2023274509	<u>B24C 11 /-</u>	2023254853	<u>B61B 13 /-</u>	2023260758	2023268998
<u>B04B 3 /-</u>	2023257926	<u>B32B 7 /-</u>	2023256822	<u>B64C 27 /-</u>	<u>B65D 17 /-</u>
2023235501	<u>B24C 9 /-</u>	2023254853	2023256822	2023258529	2024204979
<u>B05B 12 /-</u>	2023257926	<u>B33Y 10 /-</u>	<u>B61C 15 /-</u>	2023260758	<u>B65D 41 /-</u>
2023236143	<u>B25B 1 /-</u>	2022456714	2023256822	2023238965	2023257382
2023345998	2023260826	<u>B33Y 40 /-</u>	<u>B61G 1 /-</u>	<u>B64G 1 /-</u>	<u>B65D 43 /-</u>
<u>B05B 15 /-</u>	<u>B25B 27 /-</u>	2023257926	2023261428	2023268490	2023272961
2023279244	2022460226	<u>B33Y 80 /-</u>	<u>B61G 3 /-</u>	<u>B64U 10 /-</u>	<u>B65D 5 /-</u>
<u>B05B 17 /-</u>	<u>B25D 9 /-</u>	2022456714	2023261428	2023272796	2023267660
2023345998	2023253104	<u>B41J 3 /-</u>	<u>B61G 9 /-</u>	<u>B64U 101 /-</u>	2023268998
<u>B05B 3 /-</u>	<u>B25J 15 /-</u>	2023276442	2023261428	2023272796	<u>B65D 51 /-</u>
2023279244	2023255409	<u>B41M 5 /-</u>	<u>B61L 1 /-</u>	<u>B64U 30 /-</u>	2023272961
<u>B05B 5 /-</u>	<u>B25J 5 /-</u>	2023276442	2023253778	2023272796	<u>B65D 81 /-</u>
2023236143	2023251567	<u>B44C 1 /-</u>	2023256822	2023272796	2023273083
<u>B05C 11 /-</u>	2023255409	2023258056	<u>B62D 12 /-</u>	<u>B64U 50 /-</u>	<u>B65D 83 /-</u>
2023345998	<u>B25J 9 /-</u>	<u>B44C 5 /-</u>	2023257900	2023272796	2023257382
<u>B05D 1 /-</u>	2023244486	2023250044	<u>B62D 15 /-</u>	<u>B64U 70 /-</u>	<u>B65F 1 /-</u>
2023236143	2023251567	2023250044	2023257900	2023272796	2023247834
<u>B07B 1 /-</u>	2023255409	<u>B60K 1 /-</u>	<u>B62D 21 /-</u>	<u>B64U 80 /-</u>	<u>B65G 1 /-</u>
2023265533	2023265487	2023261985	2023261985	2023272796	2023237534
<u>B07C 5 /-</u>	<u>B28D 1 /-</u>	<u>B60K 15 /-</u>	<u>B62D 33 /-</u>	<u>B65B 11 /-</u>	2023284426
2023264762	2023250044	2023261985	2023261334	2023249412	<u>B65G 15 /-</u>
2023284426	<u>B28D 7 /-</u>	2023261985	<u>B62D 49 /-</u>	<u>B65B 31 /-</u>	2023258628
	2023250044	<u>B60K 35 /-</u>	2023257900	2023288432	
		2023257900	2023261985		

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<u>B65G 17 /-</u>	<u>B67D 1 /-</u>	<u>C03C 3 /-</u>	<u>C07C 49 /-</u>	<u>C07D 277 /-</u>	2023255386
2023258628	2023252712		2023233675	2023284213	2023255558
2023284337		2023255610			2023257313
	<u>B67D 3 /-</u>		<u>C07C 5 /-</u>	<u>C07D 285 /-</u>	2023263693
<u>B65G 21 /-</u>	2023250532	<u>C04B 11 /-</u>	2023257968	2023264491	2023264210
2023258628		2023315128			<u>C07D 417 /-</u>
	<u>B67D 7 /-</u>		<u>C07C 51 /-</u>	<u>C07D 291 /-</u>	2023255558
<u>B65G 23 /-</u>	2023267882	<u>C04B 14 /-</u>	2023233675	2023264491	2023283735
2022456110		2023237356			<u>C07D 455 /-</u>
	<u>B68C 1 /-</u>	2023239423	<u>C07C 62 /-</u>	<u>C07D 295 /-</u>	2023233624
<u>B65G 35 /-</u>	2023251194	<u>C04B 18 /-</u>	2023233675	2023252875	2023235188
2023284426		2023237356		2023284213	2023236661
	<u>B82Y 20 /-</u>	2023239423	<u>C07D 211 /-</u>	<u>C07D 305 /-</u>	<u>C07D 471 /-</u>
<u>B65G 39 /-</u>	2023233337	2023315128	2023284213		
2023258628		<u>C04B 2 /-</u>	<u>C07D 213 /-</u>	2023284213	2023234527
	<u>B82Y 30 /-</u>			<u>C07D 307 /-</u>	2023255538
<u>B65G 43 /-</u>	2023262651	2023253831	2023255558		2023255771
2023264762			2023257313	2023284213	2023257355
2023284426	<u>B82Y 40 /-</u>	<u>C04B 22 /-</u>	2023257355		2023263181
				<u>C07D 309 /-</u>	<u>C07D 487 /-</u>
<u>B65G 47 /-</u>	2023233337	2023239423	<u>C07D 215 /-</u>	2023284213	
2023238965		<u>C04B 24 /-</u>	2023255771		2023248394
	<u>C01B 21 /-</u>			<u>C07D 317 /-</u>	2023250538
<u>B65G 63 /-</u>	2023273083	2023280522	<u>C07D 217 /-</u>	2023284213	2023255558
2023238965		<u>C04B 28 /-</u>	2023243179		2023263181
	<u>C01B 3 /-</u>			<u>C07D 331 /-</u>	<u>C07D 491 /-</u>
<u>B65H 75 /-</u>	2023236562	2023239423	<u>C07D 221 /-</u>	2023252875	2023236101
2023257367	2023262740	2023260326			2023256446
	2023268395	2023315128	2023259559	<u>C07D 401 /-</u>	2023257313
<u>B66B 19 /-</u>	<u>C01B 32 /-</u>	2023413137	2023262467		
2022453224		<u>C04B 7 /-</u>	<u>C07D 231 /-</u>	2023234200	<u>C07D 495 /-</u>
	2023257193			2023236101	2023255558
<u>B66B 5 /-</u>	2023262651	2022452934	2023248394	2023255386	2023257313
2022456290		2023237356	2023250538	2023255558	
	<u>C01C 1 /-</u>	2023239423	2023259123	2023257771	<u>C07D 498 /-</u>
<u>B66C 1 /-</u>	2023267933	2023253831	<u>C07D 233 /-</u>	2023257313	2023264491
2023257700		<u>C07C 1 /-</u>		2023259123	
	<u>C01F 11 /-</u>		2023284213	2023264787	<u>C07D 513 /-</u>
<u>B66C 13 /-</u>	2023235482	2023257193	<u>C07D 235 /-</u>	2023283735	
2023257700	2023253831	<u>C07C 13 /-</u>		<u>C07D 403 /-</u>	2023264491
	<u>C01F 17 /-</u>		2023248394	2023231321	<u>C07D 515 /-</u>
<u>B66C 15 /-</u>	2023255470	<u>C07C 233 /-</u>	<u>C07D 237 /-</u>	2023234527	2023264491
2023236040		2023252875		2023259123	
	<u>C01F 5 /-</u>	2023284213	2023264210	2023264210	<u>C07D 519 /-</u>
<u>B66C 23 /-</u>	2023235482	<u>C07C 269 /-</u>	<u>C07D 249 /-</u>	<u>C07D 405 /-</u>	2023255771
2023236040	2023253831			2023236101	2023255558
	<u>C01G 45 /-</u>	2023251989	<u>C07D 257 /-</u>	2023257313	2023257313
<u>B66F 17 /-</u>	2023235482	<u>C07C 271 /-</u>		2023271840	2023252875
2023236040			2023272273	<u>C07D 407 /-</u>	<u>C07H 13 /-</u>
<u>B67B 3 /-</u>	<u>C02F 1 /-</u>	2023251989	<u>C07D 261 /-</u>	2023255386	2023236844
2023257382	2023250532	<u>C07C 29 /-</u>			
	<u>C03C 13 /-</u>		2023238460	<u>C07D 409 /-</u>	<u>C07H 15 /-</u>
<u>B67B 7 /-</u>	2023255610	2023267933	2023284213	2023238504	2023236844
2023263317		<u>C07C 45 /-</u>	<u>C07D 265 /-</u>		
	<u>C03C 25 /-</u>	2023233675		2023234527	<u>C07H 21 /-</u>
			2023284213	2023236101	2023249804

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<u>C07K 1/-</u>	<u>C08F 8/-</u>	<u>C09J 163/-</u>	<u>C11D 10/-</u>	<u>C12P 19/-</u>	<u>C22B 7/-</u>
2023264066 2023288426	2023253730	2023259132	2023255321	2023249804 2023265620	2023262177
<u>C07K 14/-</u>	<u>C08G 18/-</u>	<u>C10B 47/-</u>	<u>C11D 17/-</u>	<u>C12P 5/-</u>	<u>C22C 1/-</u>
2023233426 2023238280 2023243321 2023243458 2023253654 2023253716 2023254704 2023254763 2023255676 2023265993 2023274371 2023296675 2024227135	2023255304	2023236439	2023255321	2023255267	2023265492
<u>C07K 16/-</u>	<u>C08G 59/-</u>	<u>C10B 53/-</u>	<u>C11D 3/-</u>	<u>C12P 7/-</u>	<u>C22C 18/-</u>
2023234200 2023238802 2023238937 2023243321 2023245607 2023247712 2023254704 2023257666 2023258009 2023259126 2023259127 2023259269 2023262112 2023265474 2023267952 2023273952 2023276914 2023283913 2023296688	2023253730	2023236439 2023259466	2023254421	2023233675	2023256986
<u>C07K 19/-</u>	<u>C08G 61/-</u>	<u>C10C 3/-</u>	<u>C12M 1/-</u>	<u>C12Q 1/-</u>	<u>C22C 21/-</u>
2023254704 2024224208	2023270163	2023254034	2023250880 2023255267	2023254704 2023260755 2023263364 2023265620 2023270700	2023265492
<u>C08F 2/-</u>	<u>C08G 63/-</u>	<u>C10G 1/-</u>	<u>C12N 15/-</u>	<u>C12R 1/-</u>	<u>C22F 1/-</u>
2023255166 2023280522	2023255304	2023233862 2023233863 2023254034 2023259466	2023233426 2023235203 2023236610 2023237597 2023238507 2023238775 2023240501 2023247712 2023249804 2023250231 2023251952 2023253716 2023254203 2023254704 2023255676 2023256639 2023259269 2023265620 2023265993 2023267664 2023269145 2023269763 2023274371 2023283913 2023285071 2024220143 2024224208	2023253817 2023289673	2023265492
<u>C08F 212/-</u>	<u>C08G 73/-</u>	<u>C10G 2/-</u>	<u>C12N 1/-</u>	<u>C21B 13/-</u>	<u>C23C 2/-</u>
2023255166	2023276442 2023278446	2023257193	2023253817	2023264806	2023256986
<u>C08F 218/-</u>	<u>C08G 77/-</u>	<u>C10G 47/-</u>	<u>C12D 1/-</u>	<u>C21C 5/-</u>	<u>C25B 1/-</u>
2023280522	2023255304	2023259466	2023240501 2023247712 2023249804 2023250231 2023251952 2023253716 2023254203 2023254704 2023255676 2023256639 2023259269 2023265620 2023265993 2023267664 2023269145 2023269763 2023274371 2023283913 2023285071 2024220143 2024224208	2023238560	2023241755 2023245126 2023254853 2023257193 2023267933 2023268389 2023268395 2023270163
<u>C08F 220/-</u>	<u>C08J 3/-</u>	<u>C10G 49/-</u>	<u>C12D 6/-</u>	<u>C21D 1/-</u>	<u>C25B 11/-</u>
2023255166	2023253730	2023259466	2024211006	2023238560	2023241755 2023268389 2023268395
<u>C08F 236/-</u>	<u>C08J 5/-</u>	<u>C10G 65/-</u>	<u>C21D 8/-</u>	<u>C21D 9/-</u>	<u>C25B 13/-</u>
2023253730	2023253730	2023254034	2023262600	2023262600 2023265492	2023268389 2023270163
<u>C08F 263/-</u>	<u>C08K 3/-</u>	<u>C10K 3/-</u>	<u>C21D 9/-</u>	<u>C22B 11/-</u>	<u>C25B 15/-</u>
2023280522	2023270163	2023236562 2023257193	2023265492	2023256647 2023262177	2023241755 2023245126
	<u>C08K 5/-</u>	<u>C10L 3/-</u>	<u>C12N 5/-</u>	<u>C22B 21/-</u>	<u>C25B 3/-</u>
	2023253730 2023259132	2023253693	2023238280 2023247712 2023254264 2023255390	2023265492	2023254853
	<u>C08L 23/-</u>	<u>C10L 5/-</u>	<u>C12N 7/-</u>	<u>C22B 26/-</u>	<u>C25B 9/-</u>
	2023241173	2023234346 2023236439 2023269059	2023265993 2023269763	2023255470	2023241755 2023245126 2023254853 2023268389
	<u>C08L 47/-</u>	<u>C10L 9/-</u>	<u>C12N 9/-</u>	<u>C22B 3/-</u>	
	2023253730	2023234346 2023269059	2023233426 2023235203 2023235321 2023237597 2023238775 2023254203 2023269145 2023283913	2023255470 2023256647 2023262177	
	<u>C08L 63/-</u>	<u>C11B 1/-</u>		<u>C22B 59/-</u>	<u>C30B 25/-</u>
	2023259132	2023257212		2023255470	2023269004
	<u>C08L 83/-</u>	<u>C11D 1/-</u>		2023255470	<u>C30B 29/-</u>
	2023236675	2023254421 2023255321 2023257212		2023255470	2023269004

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

<u>C30B 33/-</u>	<u>E03C 1/-</u>	<u>E21B 43/-</u>	<u>F04B 53/-</u>	<u>F23C 10/-</u>	<u>F28D 21/-</u>
2023269004	2023235579	2023237890	2023270171	2023257851	2023235252
<u>C40B 30/-</u>	<u>E03F 5/-</u>	2023250944	<u>F04D 29/-</u>	2023257851	<u>F28D 7/-</u>
2023254704	2023235579	2023250946	2023269821	<u>F23J 15/-</u>	2023235252
<u>C40B 40/-</u>	<u>E03F 9/-</u>	2023254056	<u>F16B 12/-</u>	2023257851	<u>F41G 1/-</u>
2023254704	2023235579	<u>E21B 7/-</u>	2023237534	<u>F23L 15/-</u>	2023257952
<u>D01F 1/-</u>	<u>E04B 1/-</u>	2023262557	<u>F16B 19/-</u>	2023257851	2023259144
2023278436	2023252041	2023283443	2022460226	<u>F23L 7/-</u>	<u>F41G 3/-</u>
2023281905	<u>E04B 2/-</u>	<u>E21C 35/-</u>	<u>F16B 21/-</u>	2023257851	2023257952
<u>D01F 6/-</u>	2023255409	<u>E21D 11/-</u>	2023290933	<u>F24C 15/-</u>	2023259144
2023278436	2023287707	2023253197	<u>F16B 33/-</u>	2023279053	<u>F42B 3/-</u>
2023281905	<u>E04B 5/-</u>	<u>E21D 9/-</u>	2023267882	<u>F24F 5/-</u>	2023251567
<u>E01B 26/-</u>	2023290933	2023253197	<u>F16B 45/-</u>	2023235252	<u>F42D 1/-</u>
2023253778	<u>E04C 2/-</u>	<u>F01D 15/-</u>	2023257223	<u>F24S 25/-</u>	2023251567
<u>E01C 11/-</u>	2023287707	2023254090	<u>F16B 5/-</u>	2023252904	<u>F42D 3/-</u>
2023290933	<u>E04G 21/-</u>	<u>F01D 25/-</u>	2023290933	<u>F24T 10/-</u>	2023251567
<u>E01C 13/-</u>	2023236040	2023254090	<u>F16B 7/-</u>	2023237890	<u>F42D 5/-</u>
2023278436	2023255409	2023258529	2023237534	<u>F25B 11/-</u>	2023258529
2023281905	<u>E04G 3/-</u>	2023260758	2023267882	2023254090	2023260758
<u>E01C 5/-</u>	2023252904	2023262231	<u>F16C 32/-</u>	<u>F25B 9/-</u>	2023262231
2023290933	<u>E04H 15/-</u>	<u>F02C 7/-</u>	2023254090	2023254090	<u>G01B 7/-</u>
<u>E01F 1/-</u>	2023252041	2023258529	<u>F16C 37/-</u>	<u>F25C 1/-</u>	2023240512
2023236041	<u>E06B 1/-</u>	2023262231	2023254090	2023271148	<u>G01D 21/-</u>
<u>E01H 3/-</u>	2023261792	<u>F02K 1/-</u>	<u>F16J 1/-</u>	<u>F25J 1/-</u>	2023299112
2023280579	<u>E06B 3/-</u>	2023258529	2023270171	2023253693	<u>G01F 1/-</u>
<u>E02D 13/-</u>	2023261792	2023260758	<u>F16J 15/-</u>	2023254090	2023246473
2023257305	<u>E21B 15/-</u>	2023262231	2023247816	<u>F27B 17/-</u>	<u>G01F 23/-</u>
<u>E02D 27/-</u>	2023251567	<u>F03D 13/-</u>	<u>F16K 11/-</u>	2023264278	2023246473
2023253784	<u>E21B 17/-</u>	2023252904	2023253104	<u>F27B 3/-</u>	<u>G01G 21/-</u>
<u>E02D 5/-</u>	2023250944	2023273271	<u>F16K 29/-</u>	2023238560	2023238560
2023253784	2023250946	2023296641	2023253104	<u>F27D 19/-</u>	<u>G01G 3/-</u>
2023257305	<u>E21B 23/-</u>	<u>F03D 80/-</u>	<u>F16K 3/-</u>	2023264806	2023238560
<u>E02D 7/-</u>	2023250946	2023273271	<u>F16K 9/-</u>	<u>F27D 99/-</u>	<u>G01L 1/-</u>
2023253784	2023262557	<u>F03D 9/-</u>	2023263230	2023264278	2023240512
2023257305	<u>E21B 33/-</u>	2023252904	<u>F16L 13/-</u>	<u>F28D 1/-</u>	<u>G01M 3/-</u>
<u>E02F 3/-</u>	2023250944	2023253688	2023291965	2023235252	2023239741
2023265533	2023250946	<u>F03G 4/-</u>	<u>F16L 33/-</u>	<u>F28D 15/-</u>	<u>G01N 21/-</u>
2023314883	2023262557	2023237890	2023251153	2023235252	2023233337
<u>E02F 9/-</u>	<u>E21B 41/-</u>	<u>F04B 47/-</u>	<u>F21V 21/-</u>	2023235252	2023239741
2023239078	2023251945	2023254056	2023257223		2023262651
2023280579					2023264762
2023314883					

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<u>G01N 27 /-</u>	<u>G06F 30 /-</u>	<u>G07F 17 /-</u>	<u>G16H 50 /-</u>	<u>H02J 7 /-</u>	<u>H04N 23 /-</u>
2023269444	2023257299 2023283443	2023248534	2023255294	2023274779	2023239741 2023299112
<u>G01N 33 /-</u>	<u>G06F 9 /-</u>	<u>G08B 13 /-</u>	<u>G16H 80 /-</u>	<u>H02J 9 /-</u>	<u>H04N 5 /-</u>
2023248408 2023254704 2023256446 2023269444 2023298880	2023278748	2022454785	2023255447	2023253688	2022447253
<u>G01R 31 /-</u>	<u>G06K 19 /-</u>	<u>G08B 21 /-</u>	<u>G16Y 10 /-</u>	<u>H02M 5 /-</u>	<u>H04N 7 /-</u>
2023288136	2023284426	2022454785	2023299588	2023274779	2022447253 2023239741
<u>G01S 13 /-</u>	<u>G06M 7 /-</u>	<u>G08B 23 /-</u>	<u>G16Y 20 /-</u>	<u>H02M 7 /-</u>	<u>H04R 25 /-</u>
2023239078	2023264762	2022454785	2023298880 2023298882 2023299080	2023274779	2023252786
<u>G01V 1 /-</u>	<u>G06N 10 /-</u>	<u>G09G 3 /-</u>	<u>G16Y 40 /-</u>	<u>H02P 9 /-</u>	<u>H04S 7 /-</u>
2023283443	2023255542 2023338740	2022464320	2023298880 2023298882 2023299080 2023299588 2023299903	2023253688	2022452363 2023230241 2023258816
<u>G02B 1 /-</u>	<u>G06N 3 /-</u>	<u>G10K 11 /-</u>	<u>H01F 27 /-</u>	<u>H02S 20 /-</u>	<u>H04W 16 /-</u>
2023233337	2023257299 2023260828 2023266116	2023253191 2023258529 2023260758 2023262231	2023288289	2023242588	2023258288
<u>G02B 23 /-</u>	<u>G06Q 10 /-</u>	<u>G10L 19 /-</u>	<u>H01G 11 /-</u>	<u>H03G 3 /-</u>	<u>H04W 24 /-</u>
2023257367 2023257952	2023251738 2023252712 2023272796	2022452363	2023275383	2023230241	2023254005
<u>G02B 27 /-</u>	<u>G06Q 30 /-</u>	<u>G10L 21 /-</u>	<u>H01H 13 /-</u>	<u>H03G 7 /-</u>	<u>H04W 28 /-</u>
2023233337 2023257952	2023230241	2023275383	2022461652	2022452363 2023230241	2023264655
<u>G02B 3 /-</u>	<u>G06Q 50 /-</u>	<u>G10L 25 /-</u>	<u>H01H 31 /-</u>	<u>H04B 1 /-</u>	<u>H04W 4 /-</u>
2023233337	2023280164 2023281434	2023255447	2022456983	2022458708	2023258288 2023261381 2023272796 2023285152
<u>G02C 7 /-</u>	<u>G06Q 50 /-</u>	<u>G16B 40 /-</u>	<u>H01M 10 /-</u>	<u>H04B 3 /-</u>	<u>H04W 68 /-</u>
2023362700 2023369039	2023248534 2023252712 2023280164 2023281434 2023299112 2023299124 2023299787 2023299903 2023345998	2023260755	2023275383	2023265027	2022469546
<u>G03B 35 /-</u>	<u>G06T 11 /-</u>	<u>G16B 50 /-</u>	<u>H01M 4 /-</u>	<u>H04B 7 /-</u>	<u>H04W 72 /-</u>
2023433408	2023279542 2023280163	2023246976	2023275383	2023232473 2023377855	2023261875 2023238854 2023258288 2023377855
<u>G05B 19 /-</u>	<u>G06T 11 /-</u>	<u>G16H 10 /-</u>	<u>H01M 50 /-</u>	<u>H04J 3 /-</u>	<u>H04W 74 /-</u>
2023251738	2023279542 2023280163	2023235057 2023255294 2023255447	2023275383	2023261875	2023261875
<u>G05D 1 /-</u>	<u>G06T 5 /-</u>	<u>G16H 20 /-</u>	<u>H01M 8 /-</u>	<u>H04L 1 /-</u>	<u>H04W 74 /-</u>
2023259453 2023272796 2023345998	2023279542 2023280163	2023233764 2023235057 2023255294 2023255447 2023257299 2023259147 2023288432	2023251795 2023254344 2023256227 2023269444 2023270163	2023261875	2023261875
<u>G06F 1 /-</u>	<u>G06T 7 /-</u>	<u>G16H 30 /-</u>	<u>H01Q 7 /-</u>	<u>H04L 5 /-</u>	<u>H04W 92 /-</u>
2022461652	2023264762 2023279542 2023280737 2023281433	2023255294	2022454785	2023256058 2023263038	2023258288
<u>G06F 11 /-</u>	<u>G06V 10 /-</u>	<u>G16H 40 /-</u>	<u>H01R 39 /-</u>	<u>H04L 67 /-</u>	<u>H05B 3 /-</u>
2023254054	2022454785	2023233764 2023263999 2023288432	2023277803	2023254054	2023264278
<u>G06F 3 /-</u>	<u>G06V 20 /-</u>	<u>G16H 40 /-</u>	<u>H02J 3 /-</u>	<u>H04L 9 /-</u>	<u>H04N 13 /-</u>
2022461652 2023240512 2023254054	2022454785	2023233764 2023263999 2023288432	2023253688 2023257295 2023281413	2023246976	2023239741
				<u>H04N 19 /-</u>	
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 (54) COMPOSITIONS AND METHODS FOR TREATMENT OF OCULAR DISEASE ASSOCIATED WITH ANGIOGENESIS
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A01K 11/00 (2006.01)
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A61B 3/00 (2006.01)
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A61K 31/575 (2006.01)
A61P 29/00 (2006.01)
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A61B 90/50 (2016.01)
A61B 50/28 (2016.01)
F16D 49/08 (2006.01)
F16D 49/16 (2006.01)
F16D 65/06 (2006.01)
F16M 11/08 (2006.01)
F16M 11/20 (2006.01)

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A63F 1/12 (2006.01)
A63F 1/02 (2006.01)
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A61K 31/496 (2006.01)
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H04L 9/40 (2022.01)
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G06F 21/57 (2013.01)
G07C 9/00 (2020.01)
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F16D 1/076 (2006.01)
F01D 5/04 (2006.01)
F16B 2/00 (2006.01)
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F24C 11/00 (2006.01)
F42D 1/055 (2006.01)
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E06B 9/74 (2006.01)
E05F 15/676 (2015.01)
E06B 9/08 (2006.01)
F16D 11/00 (2006.01)
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B60D 1/24 (2006.01)
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A61F 9/007 (2006.01)

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G01N 21/77 (2006.01)

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B32B 5/26 (2006.01)
B32B 5/28 (2006.01)
F41H 5/04 (2006.01)
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H04N 7/18 (2006.01)
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A61M 25/01 (2006.01)
A61M 25/09 (2006.01)

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B22F 1/00 (2006.01)
B22F 9/24 (2006.01)
B41M 3/14 (2006.01)
B42D 25/391 (2014.01)
C09D 5/29 (2006.01)
C09D 7/40 (2018.01)
C09D 11/037 (2014.01)

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A61N 1/04 (2006.01)
A61B 5/256 (2021.01)
A61B 5/296 (2021.01)
A61B 5/389 (2021.01)
A61H 3/04 (2006.01)
A61N 1/36 (2006.01)

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C07D 471/04 (2006.01)
A61K 31/5377 (2006.01)
A61P 35/00 (2006.01)

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C02F 1/04 (2023.01)
B01D 1/14 (2006.01)
C02F 1/02 (2023.01)
B01D 1/02 (2006.01)
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A61M 25/06 (2006.01)
A61M 25/00 (2006.01)
A61M 25/09 (2006.01)
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B60C 11/02 (2006.01)
B29D 30/58 (2006.01)
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F03D 80/00 (2016.01)
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A61P 3/10 (2006.01)
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C12M 1/12 (2006.01)
A61L 2/00 (2006.01)
C07K 16/00 (2006.01)
C12M 1/00 (2006.01)
C12M 1/36 (2006.01)
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A61N 1/36 (2006.01)
A61N 1/372 (2006.01)
A61B 5/055 (2006.01)
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A61N 1/05 (2006.01)
A61N 1/36 (2006.01)
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A61M 31/00 (2006.01)
A61B 17/00 (2006.01)
A61M 13/00 (2006.01)
B05B 7/14 (2006.01)
(87) WO2020/072439
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(51) Int. Cl.
A61M 31/00 (2006.01)
A61M 11/00 (2006.01)
A61M 13/00 (2006.01)
A61M 15/00 (2006.01)
B05B 7/14 (2006.01)
B05B 12/08 (2006.01)
B05B 15/55 (2018.01)
G05D 16/04 (2006.01)
(87) WO2020/072449
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(51) Int. Cl.
H01S 3/23 (2006.01)
A61B 18/26 (2006.01)
G02B 6/42 (2006.01)
H01S 3/00 (2006.01)
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A01K 61/54 (2017.01)
A01K 61/55 (2017.01)
B63B 35/00 (2006.01)
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A47J 43/07 (2006.01)
A01J 11/04 (2006.01)
A47J 43/044 (2006.01)
A47J 43/046 (2006.01)
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B60L 58/12 (2019.01)
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(21) 2022264526 **(22)** 23.02.2022
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H01L 23/367 (2006.01)
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A43C 15/00 (2006.01)
A43C 15/02 (2006.01)
A43C 15/14 (2006.01)
A43C 15/16 (2006.01)
A43C 15/18 (2006.01)
A43B 5/02 (2006.01)
A43B 21/26 (2006.01)
A43B 21/39 (2006.01)
A43B 21/433 (2006.01)
A43C 15/04 (2006.01)
A43C 15/09 (2006.01)
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B01D 53/52 (2006.01)
B01D 53/14 (2006.01)

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A23D 9/04 (2006.01)
C11B 3/00 (2006.01)
C11B 3/06 (2006.01)
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C11B 3/10 (2006.01)
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B01J 19/00 (2006.01)
C07C 273/12 (2006.01)
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 C07K 14/705 (2006.01)
 A61K 35/17 (2015.01)
 A61P 35/00 (2006.01)
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 A61K 38/09 (2006.01)
 A61K 47/14 (2017.01)
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B21B 3/00 (2006.01)
C22F 1/04 (2006.01)
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A61P 35/00 (2006.01)
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B63B 35/44 (2006.01)
E02B 3/06 (2006.01)
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C07D 471/04 (2006.01)
A61K 31/472 (2006.01)
A61K 31/498 (2006.01)
A61K 31/4985 (2006.01)
A61P 35/00 (2006.01)
A61P 35/02 (2006.01)
C07D 217/16 (2006.01)
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C07D 217/24 (2006.01)
C07D 217/26 (2006.01)
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C07K 16/28 (2006.01)
C07K 16/46 (2006.01)
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A61K 31/55 (2006.01)
A61K 47/50 (2017.01)
C07D 213/68 (2006.01)
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G06F 16/90 (2019.01)
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G06F 17/00 (2019.01)
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A01B 15/20 (2006.01)
A01B 15/14 (2006.01)
A01D 33/00 (2006.01)
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justment
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A01G 25/16 (2006.01)
A01M 7/00 (2006.01)
B05B 1/00 (2006.01)
B05B 16/80 (2018.01)
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B65B 3/00 (2006.01)
A61J 1/10 (2006.01)
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B65B 3/26 (2006.01)
B65B 7/02 (2006.01)
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B65B 43/14 (2006.01)
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creational vehicles
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B62D 25/02 (2006.01)
B60P 3/32 (2006.01)
B62D 25/24 (2006.01)
B62D 29/04 (2006.01)
B62D 63/08 (2006.01)
B62D 65/06 (2006.01)
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tension of MPEG-H 3D audio
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H04S 7/00 (2006.01)
G06F 3/01 (2006.01)
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G10L 21/0388 (2013.01)
G10L 19/02 (2013.01)
G10L 19/24 (2013.01)
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(54) PROCESSING OF AUDIO SIGNALS
DURING HIGH FREQUENCY RECON-
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G01R 21/133 (2006.01)
H02G 5/08 (2006.01)
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A46B 15/00 (2006.01)
A61C 9/00 (2006.01)
A61C 15/04 (2006.01)
A61C 17/02 (2006.01)
A61C 17/028 (2006.01)
A61C 17/22 (2006.01)

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G06T 7/90 (2017.01)
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F41G 3/02 (2006.01)
F41G 3/06 (2006.01)
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B82Y 25/00 (2011.01)
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C12Q 1/00 (2006.01)
G11C 5/10 (2006.01)
H01G 4/30 (2006.01)
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B60W 30/08 (2012.01)
B60W 40/02 (2006.01)
B60W 60/00 (2020.01)
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B60L 53/126 (2019.01)
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H02J 7/00 (2006.01)
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F16L 21/00 (2006.01)
F16L 21/08 (2006.01)
F16L 55/00 (2006.01)
G01B 7/04 (2006.01)
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C07D 207/09 (2006.01)
A61K 31/452 (2006.01)
A61P 23/02 (2006.01)
A61P 29/02 (2006.01)
C07D 211/26 (2006.01)
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C12Q 1/6869 (2018.01)
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C12N 9/08 (2006.01)
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A61B 8/12 (2006.01)
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A61K 31/00 (2006.01)
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B41J 2/21 (2006.01)
B41J 29/393 (2006.01)
G06F 3/12 (2006.01)
G06N 3/00 (2006.01)
G06N 3/04 (2006.01)
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H04N 1/60 (2006.01)
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A61P 7/00 (2006.01)
A61K 31/519 (2006.01)
A61P 9/00 (2006.01)
A61P 19/10 (2006.01)
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C07C 229/08 (2006.01)
C07D 475/04 (2006.01)
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A61K 31/5377 (2006.01)
A61P 29/00 (2006.01)
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C07D 471/04 (2006.01)
C07D 519/00 (2006.01)
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B02C 11/00 (2006.01)
G01B 11/30 (2006.01)
G01B 21/30 (2006.01)
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G06F 30/27 (2020.01)
G06V 10/424 (2022.01)
G06V 10/82 (2022.01)
G06V 20/40 (2022.01)
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G01N 21/01 (2006.01)
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A61N 5/10 (2006.01)
G21K 5/10 (2006.01)
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G01N 33/50 (2006.01)
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C12N 15/63 (2006.01)
C12P 21/02 (2006.01)
C12Q 1/04 (2006.01)
C12N 15/11 (2006.01)
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C07K 14/01 (2006.01)
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2017321894	Lentigen Technology, Inc.	2019212107	Sika Technology AG
2017341936	Dana-Farber Cancer Institute, Inc.	2019212513	Fluidx Medical Technology, LLC
2017345454	Invenra Inc.	2019214404	Universität Basel; Universität Freiburg
2017356943	The Regents of the University of California	2019216876	DSI Underground Australia Pty Limited
2017357865	UTI Limited Partnership	2019217907	Cargill, Incorporated
2017441106	CrossRoads Extremity Systems, LLC	2019220614	Highview Enterprises Limited
2018224390	Merck Sharp & Dohme LLC; Teijin Pharma Limited	2019221378	Sonnext Ltd.
2018234709	Janssen Biotech, Inc.	2019223652	Medartis Holding AG
2018236836	Deere & Company	2019224015	Kerry Luxembourg S.à.r.l.
2018239320	Washington University	2019225166	Dana-Farber Cancer Institute, Inc.
2018243568	Dana-Farber Cancer Institute, Inc.	2019226006	Cargill, Incorporated
2018256532	Deere & Company	2019231257	Avedro, Inc.
2018262107	Boyle, N.	2019232505	Technische Universität Berlin
2018264022	Stramit Corporation Pty Limited	2019232570	Hartman, D.; Shetterly, W.A.; Wolf, C.
2018266964	President and Fellows of Harvard College; Dana-Farber Cancer Institute, Inc.	2019232841	Automatic Technology (Australia) Pty Ltd
2018271342	Deere & Company	2019244867	WildIP Ltd.
2018272054	Abbott Laboratories	2019245521	S.I.S Shulov Innovative Science Ltd.
2018285539	VERTEX PHARMACEUTICALS INCORPORATED	2019253134	Dolby International AB
2018301295	Aviana Molecular Technologies, LLC	2019254815	Emblation Limited
2018309648	Syngenta Participations AG	2019257212	Becton, Dickinson and Company
2018320550	Xiamen University; Yang Sheng Tang Company, Ltd.	2019257648	Loma Linda University
2018323281	Tosoh Corporation	2019260497	PepsiCo, Inc.
2018344896	Godrej & Boyce Mfg. Co. Ltd.,	2019262090	HC-ATM Group Pty Ltd
2018346309	Fluidmaster, Inc.	2019262555	Keep The Company AB
2018347785	Oxford Safety Components Limited	2019264551	QUIDNET ENERGY INC.
2018351725	Muir IP Ltd	2019264872	Rio Tinto Iron and Titanium Canada Inc.
2018355417	Haemonetics Corporation	2019270573	Safehinge Limited
2018357880	PepsiCo, Inc.	2019272685	Doosan GridTech, Inc.
2018361864	Nazzer, C.	2019273200	National University Corporation Hokkaido University; Fuso Pharmaceutical Industries, Ltd.
2018363873	Breville Pty Limited	2019273861	Filterlex Medical Ltd.
2018371157	Norwegian Innovation Technology Group AS	2019276637	Concentus Properties AB
2018373137	MX3 Diagnostics, Inc.	2019278014	Hua Medicine (Shanghai) Ltd.
2018375222	Smith & Nephew, Inc.	2019278797	Metso Sweden AB
2018376263	Idorsia Pharmaceuticals Ltd	2019279452	Agis Automatisering B .V.
2018376565	Max-Delbrück-Centrum für Molekulare Medizin in der Helmholtz-Gemeinschaft	2019280691	K2M, Inc.
2018378210	Ecolab USA Inc.	2019282765	Tufts University
2018378808	Auris Health, Inc.	2019287595	University of Iowa Research Foundation
2018378935	The Regents of the University of Michigan	2019289119	ProbioTech USA LLC
2018379448	F. Hoffmann-La Roche AG	2019289202	Instil Bio (UK) Limited
2018380408	Wake Forest University Health Sciences	2019291825	Shaw Industries Group, Inc.
2018388302	GPCR Therapeutics, Inc.	2019292003	Align Technology, Inc.
2018388426	The Texas A&M University System	2019292164	Lygos, Inc.
2018389853	STRYKER EUROPEAN OPERATIONS HOLDINGS LLC	2019295364	Carbon Clean Solutions Limited
2018390169	Societe des Produits Nestle S.A.	2019297100	Alcon Inc.
2018390856	Aposcience AG	2019297312	Merck Patent GmbH
2018390990	Alyra Biotech Pty Ltd	2019301628	Lieber Institute, Inc.
2018391634	Avient Protective Materials B.V.	2019304074	Aviation Works Ltd
2018392461	Civitas Therapeutics, Inc.	2019304485	Boehringer Ingelheim International GmbH
2018397332	CRYONOVE PHARMA	2019310348	Commonwealth Scientific and Industrial Research Organisation
2018434899	Kimberly-Clark Worldwide, Inc.	2019315444	The Trustees of Princeton University
2018435825	Ocean Infinity (Portugal), S.A.	2019324521	Bayer Aktiengesellschaft; Bayer Pharma Aktiengesellschaft
2018441604	Halliburton Energy Services, Inc.	2019331693	Salunda Limited
2018447795	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2019334264	Merck Patent GmbH
2019201362	Freudenberg Medical, LLC	2019336492	F. HOFFMANN-LA ROCHE AG
2019205244	Corteva Agriscience LLC	2019338972	Constellium Isoire; Constellium Rolled Products
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2019357898	Boehringer Ingelheim International GmbH	2021300622	International Business Machines Corporation
2019360443	Johnson & Johnson Consumer Inc.	2021310874	Richter, M.
2019369033	BASF SE	2021314416	CytosinLab Therapeutics Co., Ltd.
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2019370918	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	2021324455	Nicoventures Trading Limited
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2019380047	Orano Med	2021360916	BAKER HUGHES OILFIELD OPERATIONS LLC
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2019396735	Cresno SA	2021380017	ASSA ABLOY AB
2019398023	Decision Scenarios Pty Ltd	2021394867	STEMLINE THERAPEUTICS, INC.
2019398069	Ferrovac GmbH	2021399196	DYSON TECHNOLOGY LIMITED
2019403245	Humabs BioMed SA	2021406790	JFE STEEL CORPORATION
2019403821	Intel Corporation	2021411402	KEYFACTOR, INC.
2019423999	Alva, J.; Alva, V.	2021415837	INTERNATIONAL BUSINESS MACHINES CORPORATION
2019426889	American Sterilizer Company	2021428171	FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.
2019439618	Halliburton Energy Services, Inc.	2021430672	THE YOKOHAMA RUBBER CO., LTD.; SHANDONG XINGDA TYRE CO. LTD.
2019464118	Halliburton Energy Services, Inc.	2021436244	INNAVASC MEDICAL, INC.
2020204539	HOWMEDICA OSTEONICS CORP.	2021446919	BARD PERIPHERAL VASCULAR, INC.
2020205629	Frito-Lay North America, Inc.	2022200663	Chr. Hansen A/S
2020205913	Sharp Kabushiki Kaisha; FG Innovation Company Limited	2022201038	Editas Medicine, Inc.
2020208566	Heraeus Deutschland GmbH & Co. KG	2022201540	The University of North Carolina at Chapel Hill
2020209932	Fidelity Information Services, LLC	2022202766	Itron, Inc.
2020215122	Elisa Oyj	2022203289	WaveTamer LLC
2020220226	Clover Network, LLC	2022203458	Illumina, Inc.
2020221367	Avent Investment, LLC; Zobkiw, C.; Klimovitch, G.; Liu, W.; Caldwell, R.; Schepis, E.; Schorr, P.A.; Shah, J.	2022203748	Praxair Technology, Inc.
2020225991	Imdpharm Inc.	2022204010	FISHER & PAYKEL HEALTHCARE LIMITED
2020237446	Wiley X, Inc.	2022204058	Takeda Pharmaceutical Company Limited
2020243456	Forsberg Services Ltd	2022204190	Fisher & Paykel Healthcare Limited
2020248651	Huawei Technologies Co., Ltd.	2022204559	LG ELECTRONICS INC.
2020271851	NxStage Medical, Inc.	2022204918	Fisher & Paykel Healthcare Limited
2020273695	Qilu Pharmaceutical Co., Ltd.	2022206753	Pall Corporation
2020280897	Expro North Sea Limited	2022207712	CRI HF
2020283454	Cisco Technology, Inc.	2022209205	Schlumberger Technology B.V.
2020315419	CNH Industrial Canada, Ltd.	2022209206	Schlumberger Technology B.V.
2020349372	E6PR, S.A.P.I. DE C.V.	2022211858	Think Surgical, Inc.
2020350760	Cibus Europe B.V.	2022223975	GENTEX CORPORATION
2020351213	Transverse Medical, Inc.	2022225102	ZEBRA TECHNOLOGIES CORPORATION
2020357627	Owens-Brockway Glass Container Inc.	2022229580	NUOVO PIGNONE TECNOLOGIE - S.R.L.
2020357905	Ipsen Biopharm Limited	2022231654	Khalid, W.
2020379658	National Oilwell DHT, L.P.	2022231746	RGene, Inc.
2020391338	DEKA Products Limited Partnership	2022234219	ELI LILLY AND COMPANY
2020395176	Hollister Incorporated	2022238513	BOSTON SCIENTIFIC NEUROMODULATION CORPORATION
2020401155	Hunan Lier Biotech Co., Ltd.	2022246462	Inovio Pharmaceuticals, Inc.
2020413943	Kubota Corporation	2022249552	NIPPON STEEL CORPORATION
2020414363	Lockheed Martin Corporation	2022252441	IHI CORPORATION
2020450114	Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.	2022253413	SAMSUNG ELECTRONICS CO., LTD.
2020483138	ZTE CORPORATION	2022255513	BARD ACCESS SYSTEMS, INC.
2021202840	Alector LLC	2022259874	UNIVERSITE DE MONTREAL
2021207557	Simpson Strong-Tie Company Inc.	2022264526	BYD COMPANY LIMITED
2021224133	Polaryx Therapeutics, Inc.	2022266774	4D MOLECULAR THERAPEUTICS INC.
2021245178	Chugai Seiyaku Kabushiki Kaisha	2022268384	Nippon Steel Corporation
2021246518	Lenlok Holdings, LLC	2022275449	The Procter & Gamble Company
2021247253	ILIAS Biologics Inc.	2022275488	Assembly OSM, Inc.
2021250932	AutoPacific Australia Pty Ltd	2022279499	Fisher & Paykel Healthcare Limited
2021251313	Memjet Technology Limited	2022280586	CENTRICSBIO, INC.
2021259440	University of Massachusetts	2022283926	W.M. BARR & COMPANY, INC.
2021259868	The Johns Hopkins University	2022291575	Crystal Lagoons (Curacao) B.V.
2021268652	The Procter & Gamble Company	2022293576	TERRASEE TECH, LLC
2021276502	Ennis-Flint, Inc.	2022317557	LOAM BIO PTY LTD
2021280271	Graphic Packaging International, LLC	2022325703	SERVICENOW, INC.
2021283972	Battelle Memorial Institute	2022351167	BECHTEL ENERGY TECHNOLOGIES & SOLUTIONS, INC.
2021286274	Fisher & Paykel Healthcare Limited	2022370463	STROYER, B.G.
2021291711	Exel Industries	2022404956	AMERICAN STERILIZER COMPANY
2021294336	Austin Star Detonator Company		

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2023200410 F. Hoffmann-La Roche AG
2023200616 ImaginAb, Inc.
2023201039 Boston Scientific Neuromodulation Corporation
2023201129 MFTB Holdco, Inc.
2023201390 Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation
2023201416 Institute of Biological and Medical Engineering, Guangdong Academy of Sciences
2023201621 Vinventions USA, LLC
2023201815 Fisher & Paykel Healthcare Limited
2023202157 Libertas Bio, Inc.
2023202525 Tencent America LLC
2023202601 Angel Group Co., Ltd.
2023203064 Ellipse World S.A.
2023203620 Hisense Ronshen (Guangdong) Refrigerator Co., Ltd.
2023203627 Elanco US Inc.
2023203687 Sonos, Inc.
2023203696 Tencent America LLC
2023203925 LifeCORE Fitness, Inc.
2023204199 Lightcast Discovery Ltd
2023204209 Ningbo Dongrun Mining Co., Ltd.
2023204564 Greatcell Energy Limited
2023208742 Caddix, Inc.
2023210578 Edwards Lifesciences Corporation
2023210665 Samsung Electronics Co., Ltd.
2023214295 Boston Scientific Scimed, Inc.
2023214375 Zimmer, Inc.
2023220084 KEENAN, J.F.
2023226671 Covenant Eyes, Inc.
2023241307 TScan Therapeutics, Inc.
2023247268 SKYBUDI PTY LTD
2023254957 Getac Technology Corporation
2023266236 MGI Tech Co., Ltd.
2024201809 E Ink Corporation
2024202145 Institute of Cotton Research of CAAS
2024202301 Dolby International AB
2024205176 Desertmaster Intellectual Property Pty Ltd
2024205260 Dolby International AB
2024205275 Dolby International AB

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<u>A01B 15 /-</u>	<u>A01N 25 /-</u>	2023208742	<u>A61C 15 /-</u>	2019225166	2021259868
2018236836	2019205244	<u>A44B 11 /-</u>	2021399196	2019278014	<u>A61K 47 /-</u>
<u>A01B 69 /-</u>	<u>A23C 19 /-</u>	2022204190	<u>A61C 17 /-</u>	2019297312	2019207430
2020413943	2022200663	<u>A46B 15 /-</u>	2021399196	2019304485	2019210313
<u>A01B 79 /-</u>	<u>A23D 7 /-</u>	2021399196	<u>A61C 7 /-</u>	2019315444	2019212513
2021291711	2019224015	<u>A47C 1 /-</u>	2019292003	2019324521	2019214404
<u>A01D 33 /-</u>	<u>A23D 9 /-</u>	2018344896	<u>A61C 9 /-</u>	2019334264	2019225166
2018236836	2019217907	<u>A47J 31 /-</u>	2021399196	2019336492	2019360443
<u>A01D 41 /-</u>	<u>A23K 10 /-</u>	2018390169	<u>A61F 11 /-</u>	2019360443	2020225991
2018256532	2021299360	<u>A47J 43 /-</u>	2020237446	2019369913	2021245178
<u>A01D 89 /-</u>	2022317557	2018363873	<u>A61F 2 /-</u>	2019370918	2021259868
2020315419	<u>A23K 20 /-</u>	<u>A61B 17 /-</u>	2017441106	2019380628	2021299156
<u>A01F 15 /-</u>	<u>A23K 50 /-</u>	2017441106	2018380408	2019381493	2021394867
2020315419	2019310348	2018375222	2019273861	2019403245	<u>A61K 48 /-</u>
<u>A01G 25 /-</u>	<u>A23L 27 /-</u>	2018378808	2019346856	2021224133	2022201038
2018271342	2019207430	2018397332	2020204539	2021259868	<u>A61K 49 /-</u>
<u>A01H 5 /-</u>	<u>A23L 3 /-</u>	2019223652	2020351213	2021314416	2017356943
2019210169	2019224015	2019280691	2023210578	2022201540	2018243568
2020350760	2019423999	2019352968	2023214375	2022234219	2019287595
<u>A01H 6 /-</u>	<u>A23L 33 /-</u>	2020351213	<u>A61F 5 /-</u>	2022259874	<u>A61K 51 /-</u>
2020350760	2019207430	<u>A61B 18 /-</u>	2020395176	2023202157	2017356943
<u>A01J 11 /-</u>	2021299360	2018378808	<u>A61F 9 /-</u>	2023203627	2019380047
2018363873	<u>A24B 15 /-</u>	2018397332	2019231257	<u>A61K 33 /-</u>	<u>A61K 8 /-</u>
<u>A01K 11 /-</u>	2021324455	2019254815	<u>A61G 1 /-</u>	2019207430	2018376565
2019279452	2019207430	2023214295	2023247268	2018285539	2018434899
<u>A01K 29 /-</u>	2021299360	<u>A61B 3 /-</u>	<u>A61G 3 /-</u>	2019282765	2021268652
2019279452	<u>A24C 5 /-</u>	2018378808	2023247268	2022317557	2022275449
<u>A01K 61 /-</u>	2021324455	2019254815	<u>A61H 1 /-</u>	<u>A61K 36 /-</u>	<u>A61K 9 /-</u>
2018262107	<u>A24D 1 /-</u>	2023214295	2019257648	2019207430	2018285539
2019310348	2021324455	<u>A61B 3 /-</u>	<u>A61H 3 /-</u>	2019282765	2018379448
<u>A01K 75 /-</u>	<u>A24D 3 /-</u>	2018397332	2021283972	2022317557	2019207430
2018371157	2021324455	2023201039	<u>A61J 1 /-</u>	<u>A61K 38 /-</u>	2019214404
<u>A01K 79 /-</u>	<u>A42B 3 /-</u>	<u>A61B 50 /-</u>	2020271851	2017357865	2019278014
2018371157	2022223975	2019426889	2020391338	2019245521	2019289119
<u>A01M 7 /-</u>	<u>A43B 21 /-</u>	2019221378	<u>A61K 31 /-</u>	2020225991	2019352788
2018271342	2023208742	2019257648	2016326449	2020357905	2019360443
2021291711	<u>A43B 5 /-</u>	<u>A61B 90 /-</u>	2017261706	2021299156	2019369913
<u>A43C 15 /-</u>	2023208742	2019292003	2017357865	2021394867	2019370918
	<u>A47C 13 /-</u>		2018239320	<u>A61K 39 /-</u>	2020225991
			2018243568	2016326449	2021245178
			2018403245	2017261706	2021259440
			2020273695	2017357865	2021299156
			2021202840	2018239320	2021394867
			2021245178	2018243568	<u>A61L 15 /-</u>
			2022201540	2019403245	2018389853
			2022234219	2020273695	<u>A61L 2 /-</u>
			2023200616	2021202840	2019357898
			<u>A61K 45 /-</u>	2021245178	<u>A61L 24 /-</u>
			2018388302	2022201540	2019212513
			2018390990	2022234219	<u>A61L 27 /-</u>
			2018434899	2023200616	2018380408
			2019207430	<u>A61K 45 /-</u>	
				2018388302	
				2018434899	
				2018434899	

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2019352788	A61P 17 /-	A61P 43 /-	B01J 23 /-	2019369033	B60N 2 /-
A61M 1 /-	2018376263	2019381493	2020208566	B25J 9 /-	2021365249
2018355417	2018376565	A61P 5 /-	2023201416	2021415837	B60P 1 /-
2018378808	2023203627	2021299156	B01J 35 /-	B26D 1 /-	2021428171
2019209326	A61P 19 /-	A61P 7 /-	2020208566	2020205629	B60P 3 /-
2019343128	2019297312	2019297312	B01J 38 /-	B26D 3 /-	2024205176
2020391338	A61P 23 /-	A61P 9 /-	2023201416	2020205629	B60R 22 /-
2021436244	2023202157	2018376263	B01J 47 /-	B26D 7 /-	2021365249
A61M 11 /-	A61P 25 /-	2019297312	2019264872	2020205629	B60W 30 /-
2019355852	2019297312	2019330628	B01J 49 /-	B29D 30 /-	2020413943
A61M 13 /-	2019336492	2021259868	2019264872	2021317282	B60W 40 /-
2019352968	2021259868	A61Q 11 /-	B01J 8 /-	B32B 15 /-	2020413943
2019355852	2022201540	2021268652	2022207712	2022249552	B60W 60 /-
2019355852	A61P 27 /-	2022275449	B01L 3 /-	B32B 5 /-	2020413943
2022279499	2021259440	A61Q 17 /-	2023204199	2018391634	B62D 25 /-
A61M 16 /-	A61P 29 /-	2018434899	B01L 99 /-	2019352788	2024205176
2019304074	2018390990	A61Q 19 /-	2020271851	B41J 2 /-	B62D 29 /-
2021286274	2019245521	2018376565	B02C 11 /-	2021251313	2024205176
2022204010	2019301628	A61Q 90 /-	2019278797	B41J 29 /-	B62D 49 /-
2022204190	2019334264	2019207430	B05B 1 /-	2021251313	2020413943
2022204918	2023202157	A61P 3 /-	2018271342	B41M 3 /-	B62D 63 /-
2022279499	A61P 3 /-	A63B 22 /-	B05B 12 /-	2019369033	2024205176
2023201815	2018376263	2023203925	2019355852	B42D 25 /-	B62D 65 /-
A61M 25 /-	2019278014	A63F 1 /-	2018271342	2019369033	2024205176
2018378808	2019304485	2023202601	B05B 14 /-	B60C 11 /-	B62M 11 /-
2019257212	2021299360	B01D 1 /-	2019232505	2021317282	2023220084
2022255513	A61P 31 /-	2022351167	B05B 15 /-	B60C 15 /-	B62M 9 /-
A61M 31 /-	2018434899	B01D 15 /-	2019355852	2021430672	2023220084
2019352968	2019334264	2019264872	B05B 16 /-	B60D 1 /-	B63B 35 /-
2019355852	2019370918	B01D 29 /-	2018271342	2021250932	2018262107
A61M 37 /-	2019403245	2022206753	B05B 7 /-	B60L 1 /-	2022291575
2019209326	2021259868	B01D 46 /-	2019352968	2019346576	B63B 39 /-
A61M 39 /-	A61P 35 /-	2022206753	2019355852	B60L 53 /-	2022203289
2019201362	2017321894	B01D 53 /-	B09C 1 /-	2019346576	B65B 17 /-
2021436244	2018320550	2019295364	2018361864	2019346576	2020349372
2021446919	2018376565	2020208566	B21B 3 /-	2019346576	B65B 3 /-
A61N 1 /-	2018378935	2023201390	B22F 1 /-	B60L 58 /-	2020391338
2020221367	2018388302	B01J 19 /-	2019369033	2021333953	B65B 31 /-
2021283972	2019315444	2019212000	B22F 9 /-	2020391338	
2022238513	2019324521	2020208566			
2022246462	2019334264	2023201390			
2023201039	2019369913				
A61N 5 /-	2020273695				
2018351725	2021259868				
A61P 11 /-	2021314416				
2018392461	2021394867				
A61P 13 /-	2022234219				
2018376263	2022259874				
	2022280586				
	A61P 37 /-				
	2017357865				
	2019381493				

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<u>B65B 43 /-</u>	<u>C03C 1 /-</u>	2023202157	2017321894	<u>C12N 1 /-</u>	2018301295
2020391338	2020357627	<u>C07D 405 /-</u>	2017341936	2019273200	2019273200
<u>B65B 51 /-</u>	<u>C04B 103 /-</u>	2023202157	2017345454	2019310348	2020401155
2020391338	2019212107	<u>C07D 413 /-</u>	2018224390	2021299360	2021300622
<u>B65B 57 /-</u>	<u>C04B 20 /-</u>	2019301628	2018234709		2022203458
2020391338	2019382061	2019381493	2018323281	<u>C12N 15 /-</u>	2022231654
<u>B65B 7 /-</u>	<u>C04B 28 /-</u>	2019381493	2019357898	2018309648	2023204199
2020391338	2019212107	<u>C07D 417 /-</u>	2019403245	2019210169	2023241307
<u>B65D 39 /-</u>	2019232570	2022280586	2020273695	2019273200	<u>C12R 1 /-</u>
2023201621	2019382061	<u>C07D 471 /-</u>	2022280586	2019380628	2021299360
<u>B65D 51 /-</u>	<u>C04B 40 /-</u>	2019301628	2023200616	2020401155	2023241307
2023201621	2019212107	2023202157	<u>C07K 19 /-</u>	2022200663	<u>C22B 23 /-</u>
<u>B65D 51 /-</u>	2019212107	<u>C07D 471 /-</u>	2017357865	2022201038	2019244867
2023201621	2019382061	2019324521	2021394867	2022201540	
<u>B65D 65 /-</u>	<u>C07C 229 /-</u>	2019334264	2022201540	2022231746	<u>C22B 3 /-</u>
2020349372	2019297312	2021314416	<u>C07K 5 /-</u>	2022266774	2019244867
<u>B65D 71 /-</u>	<u>C07C 237 /-</u>	2022259874	2019245521	2022280586	<u>C22B 7 /-</u>
2021280271	2019370918	2023202157	<u>C07K 7 /-</u>	2023200410	2019244867
<u>B65D 88 /-</u>	<u>C07C 273 /-</u>	<u>C07D 475 /-</u>	2019210169	2023241307	<u>C22C 21 /-</u>
2023201621	2019297312	2019297312	<u>C08F 220 /-</u>	<u>C12N 5 /-</u>	2019244867
<u>B65G 69 /-</u>	<u>C07D 207 /-</u>	<u>C07D 487 /-</u>	2021276502	2018239320	<u>C22F 1 /-</u>
2018378210	2019370918	2019381493	<u>C08J 11 /-</u>	2018285539	2019338972
<u>B65D 88 /-</u>	<u>C07C 55 /-</u>	2023203627	2019232505	2019273200	<u>C23C 28 /-</u>
2018378210	2019210313	<u>C07D 498 /-</u>	<u>C09D 11 /-</u>	2019289202	2022249552
<u>B65G 69 /-</u>	<u>C07D 207 /-</u>	2019336492	2019369033	2020273695	<u>C25D 11 /-</u>
2018378210	2023202157	2023202157	<u>C09D 133 /-</u>	2021247253	2019338972
<u>B67D 3 /-</u>	<u>C07D 211 /-</u>	<u>C07D 519 /-</u>	2021276502	2022201540	<u>C23C 28 /-</u>
2018357880	2023202157	2019334264	<u>C09D 5 /-</u>	2023241307	2022249552
<u>B81C 1 /-</u>	<u>C07D 213 /-</u>	2022259874	<u>C09D 133 /-</u>	<u>C12N 7 /-</u>	<u>C25D 11 /-</u>
2022231654	2019225166	<u>C07H 1 /-</u>	2021276502	2018320550	2021406790
<u>B82Y 25 /-</u>	2019301628	2023201416	<u>C09D 5 /-</u>	2022201540	<u>C25D 3 /-</u>
2022231654	<u>C07D 215 /-</u>	<u>C07H 21 /-</u>	2019369033	<u>C12N 9 /-</u>	2021406790
<u>B82Y 40 /-</u>	2019315444	<u>C07H 21 /-</u>	<u>C09D 7 /-</u>	2018309648	<u>C25D 5 /-</u>
2019210313	<u>C07D 217 /-</u>	2018266964	2019369033	2019210169	2021406790
<u>C01B 21 /-</u>	2021314416	2022231746	<u>C09D 9 /-</u>	2020350760	<u>C40B 30 /-</u>
2020208566	<u>C07D 251 /-</u>	<u>C07H 3 /-</u>	2022283926	2021259440	2018266964
<u>C01F 15 /-</u>	2019212000	2023201416	<u>C09K 8 /-</u>	2022200663	<u>D01B 1 /-</u>
2019380047	<u>C07D 257 /-</u>	<u>C07K 14 /-</u>	2019439618	2022231746	2024202145
<u>C01G 31 /-</u>	2019287595	2018323281	<u>C10B 53 /-</u>	<u>C12P 21 /-</u>	<u>D01D 5 /-</u>
2018388426	<u>C07D 271 /-</u>	2018392461	2023201416	2018323281	2019352788
<u>C02F 1 /-</u>	2019381493	2019210169	<u>C11B 3 /-</u>	2019273200	<u>D01G 5 /-</u>
2022351167	<u>C07D 401 /-</u>	2019289202	2019217907	<u>C12P 41 /-</u>	2024202145
<u>C03B 5 /-</u>	2019301628	2020273695	2019226006	2020401155	<u>D06F 39 /-</u>
2020357627	2019315444	2020350760	<u>C12J 1 /-</u>	<u>C12P 7 /-</u>	2022204559
		2020357905	2019224015	2019209481	<u>D06F 58 /-</u>
		2021247253	<u>C12M 1 /-</u>	<u>C12Q 1 /-</u>	2022204559
		2022201540	2019357898	2018266964	<u>E02B 17 /-</u>
		2022204058			
		2022231746			
		2022280586			
		2023241307			
		<u>C07K 16 /-</u>			
		2016326449			

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2022291575	2020379658	<u>F02C 7/-</u>	<u>F16L 55/-</u>	<u>G01N 21/-</u>	<u>G06F 17/-</u>
<u>E02B 3/-</u>	<u>E21B 21/-</u>	2022252441	2021246518	2018301295	2019398023
2022291575	2018361864	<u>F02C 9/-</u>	<u>F16M 11/-</u>	2023266236	2023226671
<u>E03B 7/-</u>	2019439618	2022252441	2019426889	<u>G01N 27/-</u>	<u>G06F 21/-</u>
2019276637	<u>E21B 23/-</u>	<u>F03D 80/-</u>	<u>F16M 13/-</u>	2018323281	2021380017
<u>E03C 1/-</u>	2019464118	2020450114	2019426889	<u>G01N 33/-</u>	<u>G06F 3/-</u>
2019276637	2020280897	<u>F04D 17/-</u>	<u>F17C 9/-</u>	2017356943	2019253134
<u>E04B 1/-</u>	<u>E21B 29/-</u>	2022229580	2019220614	2018266964	2021251313
2022275488	2018441604	<u>F04D 29/-</u>	<u>F23N 1/-</u>	2018272054	2023203687
<u>E04B 5/-</u>	<u>E21B 33/-</u>	2022229580	<u>F23N 5/-</u>	2018323281	2023254957
2021207557	2019439618	<u>F16B 2/-</u>	2022203748	2018373137	<u>G06F 30/-</u>
<u>E04B 9/-</u>	2019464118	2021378478	2022203748	2018388302	2023201129
2018264022	2020280897	<u>F16C 11/-</u>	<u>F24C 11/-</u>	2018390856	<u>G06F 40/-</u>
<u>E04C 3/-</u>	<u>E21B 36/-</u>	2019262090	2021294336	2022204058	2023201129
2021207557	2020280897	<u>F16D 1/-</u>	<u>F25D 21/-</u>	2023241307	<u>G01R 21/-</u>
<u>E04C 5/-</u>	2018441604	2021378478	2023210665	<u>G01R 21/-</u>	2019272685
2021207557	2019439618	<u>F16D 11/-</u>	<u>F25D 23/-</u>	<u>G01S 17/-</u>	<u>G06F 8/-</u>
<u>E04D 3/-</u>	<u>E21B 41/-</u>	2019232841	2023210665	2019331693	2020215122
2018264022	2019264551	<u>F16D 49/-</u>	2023210665	2020243456	<u>G06F 9/-</u>
<u>E04G 1/-</u>	2019464118	2019426889	<u>F25J 1/-</u>	<u>G01S 5/-</u>	2020209932
2018347785	<u>E21B 47/-</u>	<u>F16D 65/-</u>	2019220614	2019279452	2020215122
<u>E04G 5/-</u>	2020280897	2019426889	<u>F41G 3/-</u>	2019331693	<u>G06K 7/-</u>
2018347785	2022293576	<u>F16F 1/-</u>	2020243456	2020243456	2019291825
<u>E04H 14/-</u>	<u>E21D 20/-</u>	2019262090	<u>F41H 1/-</u>	<u>G01V 3/-</u>	2023254957
2022291575	2019216876	<u>F16F 15/-</u>	2018391634	2022293576	<u>G06N 20/-</u>
<u>E04H 15/-</u>	<u>E21D 21/-</u>	2022203289	<u>F41H 5/-</u>	<u>G02B 6/-</u>	2024202145
2023204209	2019216876	<u>F16H 33/-</u>	2020243456	2023214295	<u>G06N 3/-</u>
<u>E04H 3/-</u>	<u>E21F 17/-</u>	2022203289	<u>F42D 1/-</u>	<u>G02F 1/-</u>	2021251313
2022291575	2019264551	<u>F16J 15/-</u>	2021294336	2024201809	<u>G06Q 10/-</u>
<u>E05F 15/-</u>	<u>F01D 11/-</u>	2022229580	<u>G01B 11/-</u>	<u>G05D 1/-</u>	2021415837
2019232841	2022229580	<u>F16K 27/-</u>	2019278797	2018435825	<u>G06Q 20/-</u>
<u>E06B 5/-</u>	<u>F01D 5/-</u>	2018346309	<u>G01B 21/-</u>	<u>G05D 16/-</u>	2020220226
2019262555	2021378478	<u>F16K 47/-</u>	2019278797	2023203064	2020220226
<u>E06B 7/-</u>	<u>F01N 3/-</u>	2018346309	<u>G01B 7/-</u>	<u>G06F 1/-</u>	<u>G06Q 50/-</u>
2019262555	2020208566	<u>F16K 7/-</u>	2021246518	2019355852	2021291711
<u>E06B 9/-</u>	<u>F02C 3/-</u>	2022252441	<u>G01C 15/-</u>	<u>G06F 15/-</u>	<u>G06T 1/-</u>
2019232841	2022252441	<u>F02C 6/-</u>	2020243456	2019403821	2023226671
<u>E21B 10/-</u>	2019220614	<u>F16L 21/-</u>	<u>G01L 9/-</u>	2020283454	<u>G06T 19/-</u>
		2021246518	2021246518	2022283926	2018435825
				<u>G06F 16/-</u>	<u>G06T 7/-</u>
				2019291825	2021251313
				2019398023	2021291711
				2020220226	<u>G06T 9/-</u>
				2021291711	2019355489
				2022325703	

Applications Accepted - IPC Index cont'd

<u>G06V 10 /-</u>	<u>H01F 27 /-</u>	<u>H02M 3 /-</u>	<u>H04W 4 /-</u>
2023201129	2022268384	2019403821	2020220226
<u>G06V 20 /-</u>	<u>H01G 4 /-</u>	<u>H02S 20 /-</u>	<u>H04W 52 /-</u>
2023201129	2022231654	2021310874	2018447795
<u>G07C 9 /-</u>	<u>H01J 37 /-</u>	<u>H03F 3 /-</u>	<u>H04W 72 /-</u>
2021380017	2019398069	2019346612	2018447795
<u>G07F 13 /-</u>	<u>H01L 23 /-</u>	<u>H04L 1 /-</u>	<u>H04W 84 /-</u>
2019260497	2022231654 2022264526	2020205913 2021380017	2022202766
<u>G07F 7 /-</u>	<u>H01M 10 /-</u>	<u>H04L 41 /-</u>	<u>H05K 3 /-</u>
2023203064	2018388426	2022325703	2022231654
<u>G08B 21 /-</u>	<u>H01M 4 /-</u>	<u>H04L 45 /-</u>	<u>H05K 7 /-</u>
2019270573 2022225102	2018388426	2022202766	2022253413
<u>G08B 5 /-</u>	<u>H01M 8 /-</u>	<u>H04L 5 /-</u>	<u>H05K 9 /-</u>
2021371313	2019209813	2018447795	2022253413
<u>G08G 1 /-</u>	<u>H01Q 1 /-</u>	<u>H04L 67 /-</u>	<u>H10K 30 /-</u>
2021371313	2022253413	2020209932	2023204564
<u>G09B 9 /-</u>	<u>H01S 3 /-</u>	<u>H04L 9 /-</u>	
2018435825 2019396735	2023214295	2021380017 2021411402	
<u>G10L 15 /-</u>	<u>H02G 5 /-</u>	<u>H04M 1 /-</u>	
2023203687	2019272685	2022253413	
<u>G10L 19 /-</u>	<u>H02H 1 /-</u>	<u>H04N 1 /-</u>	
2024202301	2022370463	2021251313	
<u>G10L 21 /-</u>	<u>H02H 3 /-</u>	<u>H04N 19 /-</u>	
2024202301 2024205260 2024205275	2019272685 2022370463	2020248651 2023202525 2023203696	
<u>G11C 5 /-</u>	2022370463	<u>H04N 21 /-</u>	
2022231654	<u>H02J 13 /-</u>	2023203687 2023226671	
<u>G21B 1 /-</u>	2019272685	<u>H04N 7 /-</u>	
2020414363	<u>H02J 3 /-</u>	2021360916	
<u>G21G 1 /-</u>	2019377686	<u>H04R 1 /-</u>	
2019380047	<u>H02J 50 /-</u>	2020237446	
<u>G21G 4 /-</u>	2022253413	<u>H04R 5 /-</u>	
2019380047	<u>H02J 7 /-</u>	2020237446	
<u>G21H 5 /-</u>	2019346576 2019346612	<u>H04S 7 /-</u>	
2017356943	<u>H02M 1 /-</u>	2019253134	
<u>G21K 5 /-</u>	2019403821	<u>H04W 16 /-</u>	
2018351725		2020483138	

Certified Innovation Patents**Name Index**

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

(71) Wilson, M.
(11) AU-B-2024100024
(21) 2024100024 (22) 29.07.2024
(54) A guard for plants
(51) Int. Cl.
A01G 13/02 (2006.01)
(45) 31.10.2024
(62) 2021103547
(72) Wilson, Malcolm
(74) Davies Collison Cave Pty Ltd

Numerical Index

2024100024 Wilson, M.

IPC Index

A01G 13/-

2024100024

Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Lodged

- 2003244799 **Cipla Limited** (Bayer Australia Limited)
- 2003244799 **Cipla Limited** (Teva Pharma Australia Pty Ltd)
- 2018324366 **Caterpillar Inc.** (CQMS PTY LTD)

Opposition Dismissed

- 2017279736 **Britax Childcare Pty Ltd** (HBG IP Holding Pty Limited)

Opposition under Section 104(4) - Lodged

- 2012357650 **FlowBee Australia Pty Ltd** (Paradise Honey Ltd)
- 2016231608 **FlowBee Australia Pty Ltd** (Paradise Honey Ltd)
- 2020240203 **Nippon Steel Corporation** (Voestalpine Rail Technology GmbH)

Patents Granted

Standard Patents

2016426507	2017245325	2017246794	2017253240
2017253241	2017330741	2017331440	2017332161
2017332285	2017359047	2017364084	2017382883
2017412615	2017430856	2017439380	2018203430
2018204373	2018205207	2018210030	2018223008
2018232930	2018250688	2018252191	2018255502
2018256615	2018260812	2018261137	2018263924
2018264089	2018266727	2018267167	2018275937
2018276300	2018278271	2018278312	2018279853
2018280611	2018285821	2018289539	2018291609
2018292732	2018295573	2018298885	2018298970
2018299209	2018302206	2018304406	2018306517
2018307956	2018311534	2018312823	2018313738
2018313862	2018320505	2018326544	2018328465
2018331911	2018331954	2018333008	2018335486
2018335575	2018335595	2018337070	2018337652
2018337669	2018337829	2018341792	2018343116
2018344386	2018347941	2018348754	2018350890
2018350898	2018351428	2018354318	2018354942
2018356242	2018359328	2018365801	2018366278
2018367067	2018369861	2018371164	2018379313
2018380155	2018382767	2018384820	2018390563
2018390796	2018396964	2018415824	2018422444
2018430510	2018452355	2018455884	2019200597
2019200903	2019202155	2019202534	2019202574
2019202890	2019204325	2019204588	2019205766
2019208796	2019212442	2019212630	2019212801
2019214833	2019214836	2019216982	2019219787
2019223049	2019224931	2019227886	2019228484
2019231118	2019233772	2019236171	2019237219
2019244702	2019245276	2019246043	2019246980
2019248861	2019249431	2019250452	2019254338
2019255367	2019256623	2019259754	2019261429
2019262147	2019264134	2019267468	2019268047
2019268835	2019272593	2019275226	2019278884
2019280360	2019280998	2019281126	2019282539
2019284820	2019285839	2019286812	2019286912
2019289628	2019290015	2019294572	2019294751
2019294959	2019301060	2019302541	2019308740
2019311693	2019314357	2019318996	2019321459
2019322188	2019324654	2019329063	2019335006

Patents Granted

Standard Patents

2019359899	2019372816	2019407063	2019433463
2019436304	2019456727	2020202165	2020216556
2020247211	2020258788	2020263098	2020267509
2020275797	2020295308	2020316495	2020358058
2020376494	2020391236	2020410629	2020419193
2020426864	2020426906	2020436811	2020452200
2020452476	2020476620	2021202489	2021204485
2021206100	2021230961	2021237708	2021259986
2021262878	2021263847	2021266444	2021281467
2021284027	2021285402	2021288808	2021290406
2021291437	2021296163	2021299725	2021300270
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2021308519	2021314718	2021319787	2021322105
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2021336812	2021338375	2021338393	2021342349
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2021399186	2021399910	2021401314	2021408089
2021417277	2021417897	2022200693	2022200729
2022200857	2022200914	2022201535	2022201743
2022201963	2022202202	2022202351	2022202352
2022202559	2022202587	2022202845	2022202958
2022203007	2022203096	2022203103	2022203145
2022203147	2022203187	2022203298	2022203453
2022203626	2022203660	2022204268	2022204309
2022204611	2022204714	2022204733	2022204853
2022206714	2022206724	2022206741	2022209211
2022215219	2022215290	2022218454	2022218470
2022218786	2022221533	2022221581	2022224722
2022227148	2022227712	2022228152	2022228172
2022228175	2022235631	2022237836	2022241460
2022241478	2022246463	2022252752	2022252848
2022256132	2022263550	2022269308	2022271437
2022275376	2022277079	2022279405	2022283643
2022283661	2022283743	2022291607	2022297830
2022330672	2022334928	2022335876	2022356567
2022360981	2022366683	2022386575	2022387726
2022399667	2022405057	2023200083	2023200761
2023201163	2023201381	2023201501	2023201763
2023202024	2023202248	2023202400	2023202585
2023203480	2023203726	2023203994	2023204097
2023206124	2023208111	2023219923	2023237086
2023248100	2023251456	2023274092	2023286508
2023337867	2024201336	2024202926	2024203796

Assignments Registered

- 2005267051 Gilead Pharmasset LLC The patent has been assigned to **Gilead Sciences, Inc.**
- 2005285045 Gilead Pharmasset LLC The patent has been assigned to **Gilead Sciences, Inc.**
- 2006330834 Nanostring Technologies, Inc. The patent has been assigned to **Bruker Spatial Biology, Inc.**
- 2007268027 Nanostring Technologies, Inc. The patent has been assigned to **Bruker Spatial Biology, Inc.**
- 2008232827 Gilead Pharmasset LLC The patent has been assigned to **Gilead Sciences, Inc.**
- 2008237018 Nanostring Technologies, Inc. The patent has been assigned to **Bruker Spatial Biology, Inc.**
- 2009305123 Tecnomac S.r.l. The patent has been assigned to **Colosio, Maria**

Assignments Registered

2009329867 Gilead Pharmasset LLC The patent has been assigned to **Gilead Sciences, Inc.**

2010244693 Continental Automotive Technologies GmbH; Continental Automotive France The patent has been assigned to **Continental Automotive Technologies GmbH**

2010249043 Gilead Pharmasset LLC The patent has been assigned to **Gilead Sciences, Inc.**

2010249481 Gilead Pharmasset LLC The patent has been assigned to **Gilead Sciences, Inc.**

2011200941 Gilead Pharmasset LLC The patent has been assigned to **Gilead Sciences, Inc.**

2011235112 Gilead Pharmasset LLC The patent has been assigned to **Gilead Sciences, Inc.**

2011328980 Gilead Pharmasset LLC The patent has been assigned to **Gilead Sciences, Inc.**

2011370980 Tritium Holdings Pty Ltd The patent has been assigned to **Tritium Power Solutions Pty Ltd**

2012216740 Cook Medical Technologies LLC The patent has been assigned to **C2Dx, Inc.**

2012241173 Gilead Pharmasset LLC The patent has been assigned to **Gilead Sciences, Inc.**

2012308295 Gilead Pharmasset LLC The patent has been assigned to **Gilead Sciences, Inc.**

2012318253 Gilead Pharmasset LLC The patent has been assigned to **Gilead Sciences, Inc.**

2012346217 Gilead Pharmasset LLC The patent has been assigned to **Gilead Sciences, Inc.**

2013202666 Gilead Pharmasset LLC The patent has been assigned to **Gilead Sciences, Inc.**

2013262874 Gilead Pharmasset LLC The patent has been assigned to **Gilead Sciences, Inc.**

2013271772 Gilead Pharmasset LLC The patent has been assigned to **Gilead Sciences, Inc.**

2013286729 Gilead Pharmasset LLC The patent has been assigned to **Gilead Sciences, Inc.**

2014203349 Gilead Pharmasset LLC The patent has been assigned to **Gilead Sciences, Inc.**

2014203527 Braddell Limited The patent has been assigned to **Applied Kinetics Incorporated**

2014215983 Gilead Pharmasset LLC The patent has been assigned to **Gilead Sciences, Inc.**

2014233579 Gilead Pharmasset LLC The patent has been assigned to **Gilead Sciences, Inc.**

2014274548 Gilead Pharmasset LLC The patent has been assigned to **Gilead Sciences, Inc.**

2014311827 Gilead Pharmasset LLC The patent has been assigned to **Gilead Sciences, Inc.**

2014320077 Cancer Research Technology Limited The patent has been assigned to **CellCap Solutions ApS**

Assignments Registered

2014335892 Monica Healthcare Limited The patent has been assigned to **GE Precision Healthcare LLC**

2014370125 Gilead Pharmasset LLC The patent has been assigned to **Gilead Sciences, Inc.**

2015202842 Gilead Pharmasset LLC The patent has been assigned to **Gilead Sciences, Inc.**

2015274967 Gilead Pharmasset LLC The patent has been assigned to **Gilead Sciences, Inc.**

2016200676 Gilead Pharmasset LLC The patent has been assigned to **Gilead Sciences, Inc.**

2016216641 Gilead Pharmasset LLC The patent has been assigned to **Gilead Sciences, Inc.**

2016254445 Thales Holdings UK Plc The patent has been assigned to **Hitachi Rail GTS UK Limited**

2017203984 Gilead Pharmasset LLC The patent has been assigned to **Gilead Sciences, Inc.**

2017230091 Adimab, LLC; Acceleron Pharma Inc. The patent has been assigned to **Acceleron Pharma Inc.**

2017266448 Braddell Limited The patent has been assigned to **Applied Kinetics Incorporated**

2017276223 Gilead Pharmasset LLC The patent has been assigned to **Gilead Sciences, Inc.**

2017350739 GPB Scientific, Inc.; The Trustees of Princeton University; University of Maryland, Baltimore The patent has been assigned to **The Trustees of Princeton University; University of Maryland, Baltimore; Zeon Corporation**

2018102175 Wongan Pty Ltd as the Trustee for the Authentic Design Trust The patent has been assigned to **Dorum Pty Ltd**

2018201948 Gilead Pharmasset LLC The patent has been assigned to **Gilead Sciences, Inc.**

2018203696 Gilead Pharmasset LLC The patent has been assigned to **Gilead Sciences, Inc.**

2018204886 Gilead Pharmasset LLC The patent has been assigned to **Gilead Sciences, Inc.**

2019201939 Gilead Pharmasset LLC The patent has been assigned to **Gilead Sciences, Inc.**

2019220368 Björklund, Tomas; Davidsson, Marcus The patent has been assigned to **Brave Bioscience AB**

2019222909 Gilead Pharmasset LLC The patent has been assigned to **Gilead Sciences, Inc.**

2019264624 Gilead Pharmasset LLC The patent has been assigned to **Gilead Sciences, Inc.**

2019300019 GPB Scientific, Inc.; The Trustees of Princeton University; University of Maryland, Baltimore The patent has been assigned to **The Trustees of Princeton University; University of Maryland, Baltimore; Zeon Corporation**

2019386290 Thales Holdings UK PLC The patent has been assigned to **Hitachi Rail GTS UK Limited**

2019386984 Thales Holdings UK Plc The patent has been assigned to **Hitachi Rail GTS UK Limited**

Assignments Registered

2020101416 Steinhardt Corporation Pty Ltd The patent has been assigned to **Steinhardt, Kevin**

2020260512 Xiangqun Xie The patent has been assigned to **ID4Pharma, LLC**

2020264335 Gilead Pharmasset LLC The patent has been assigned to **Gilead Sciences, Inc.**

2020264946 Clumio, Inc. The patent has been assigned to **COM-MVAULT SYSTEMS, INC.**

2020266496 Clumio, Inc. The patent has been assigned to **COM-MVAULT SYSTEMS, INC.**

2020267130 Clumio, Inc. The patent has been assigned to **COM-MVAULT SYSTEMS, INC.**

2020267132 Clumio, Inc. The patent has been assigned to **COM-MVAULT SYSTEMS, INC.**

2021105741 Zhu, Fengtang The patent has been assigned to **Heilongjiang Shenge Pharmaceutical Co., Ltd.**

2021201057 Tritium Holdings Pty Ltd The patent has been assigned to **Tritium Power Solutions Pty Ltd**

2021202327 Gilead Pharmasset LLC The patent has been assigned to **Gilead Sciences, Inc.**

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Filed

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

2016248946 **Pfizer Inc.**

The earliest first regulatory approval date provided by the patentee 28 Jun 2024

For the goods ELREXFIO elranatamab

Corrigenda

In Vol 34 , No 15 , Page(s) 2158 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name MAKO Surgical Corp., Application No. 2018333008, under INID (72) correct the co-inventor from GIHOOLEY, Seamus to GILHOOLEY, Seamus

In Vol 58 , No 26 , Page(s) 3864 under the heading **Applications Accepted - Name Index** Under the name MAKO Surgical Corp., Application No. 2018333008, under INID (72) correct the co-inventor from GIHOOLEY, Seamus to GILHOOLEY, Seamus

In Vol 58 , No 42 , Page(s) 6049 under the heading **Amendments - Application for Amendments** Under the name Xenon Pharmaceuticals Inc, Application No. 2019265002 correct the date of the statements filed to read 20 Sep 2024 and 4 Oct 2024

In Vol 58 , No 42 , Page(s) 6049 under the heading **Amendments - Application for Amendments** Under the name Wi-Tronix, LLC, Application No. 2022228123 correct the date of the statements filed to read 25 Sep 2024 and 3 Oct 2024

Specifications Republished

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

- 2018301384 **American Sterilizer Company**
- 2020467306 **NANJING IRON & STEEL CO., LTD.**
- 2020471668 **TECHTRONIC CORDLESS GP**
- 2020472441 **NIPPON TELEGRAPH AND TELEPHONE CORPORATION**
- 2020472727 **NIPPON TELEGRAPH AND TELEPHONE CORPORATION**
- 2020473977 **SUZHOU ERSHENG BIOPHARMACEUTICAL CO., LTD**
- 2020476510 **ENAEX SERVICIOS S.A.**
- 2020476712 **VIASAT, INC.**
- 2020483174 **KONE CORPORATION**
- 2021323430 **ODQA RENEWABLE ENERGY TECHNOLOGIES LIMITED**
- 2021328758 **W. L. GORE & ASSOCIATES, INC.; W. L. GORE & ASSOCIATES G.K.**
- 2021334178 **AMADEUS S.A.S**
- 2021336223 **Apple Inc.**
- 2021337459 **SERINUS SECURITY PTY LTD**
- 2021338132 **LG ELECTRONICS INC.**
- 2021339236 **EMVISION MEDICAL DEVICES LTD**
- 2021340299 **N-DRIP LTD.**
- 2021341508 **PRECIRIX N.V.**
- 2021341955 **ILLINOIS TOOL WORKS INC.**
- 2021342821 **TAMA GROUP**
- 2021343638 **CARNOT LTD**
- 2021344344 **PROSTAIRS FITNESS, LLC**
- 2021344441 **THOMSON, S.J.**
- 2021344703 **SUZHOU BOTREE CYCLING SCI & TECH CO., LTD**
- 2021345210 **AUSPEX PHARMACEUTICALS, INC.**
- 2021345379 **FRED BERGMAN HEALTHCARE PTY LTD**
- 2021345500 **HYSATA PTY LTD**
- 2021345852 **BEIGENE, LTD.**
- 2021345853 **RECKITT BENCKISER HEALTH LIMITED**
- 2021346850 **DENTSPLY SIRONA INC.; DENTSPLY DETREY GMBH**
- 2021347246 **NFLECTION THERAPEUTICS, INC.**
- 2021348592 **JUMBO DRUG BANK CO., LTD.**
- 2021349316 **ASCENDIS PHARMA BONE DISEASES A/S**
- 2021349950 **UNIVERSITY OF CINCINNATI**
- 2021350173 **MUSSEL POLYMERS, INC.**
- 2021350175 **MUSSEL POLYMERS, INC.**
- 2021350460 **PBLBIOLAB; NVP HEALTHCARE CO., LTD.**
- 2021350735 **YATES, R.**
- 2021351950 **SWM LUXEMBOURG**
- 2021352040 **ASAKA RIKEN CO.,LTD.**
- 2021352660 **ALTO ART SYSTEMS PTY LTD**
- 2021352981 **DREN BIO, INC.**
- 2021353584 **Apalta Patents OÜ**
- 2021353851 **CAREFUSION 303, INC.**
- 2021354134 **BPG SALES AND TECHNOLOGY INVESTMENTS, LLC**
- 2021354681 **RISEN ENERGY CO., LTD.**
- 2021354757 **HUECK FOLIEN GESELLSCHAFT M.B.H.**
- 2021354766 **BIOTEMPT B.V.**
- 2021355416 **RUTTEN, S.**
- 2021356121 **INSUSENSE APS**
- 2021356600 **UNITED LABORATORIES INTERNATIONAL, LLC**
- 2021357364 **FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.**
- 2021357705 **XWPHARMA LTD.**
- 2021357746 **SANOFI PASTEUR; CTK BIOTECH, INC.**
- 2021358022 **BECTON, DICKINSON AND COMPANY**
- 2021358538 **CONTROLPOINT INC.**
- 2021359776 **NICOVENTURES TRADING LIMITED**

Specifications Republished

2021359831 PRESIDENT AND FELLOWS OF HARVARD COLLEGE
 2021360634 RANOK THERAPEUTICS (HANGZHOU) CO. LTD.
 2021360726 BECTON, DICKINSON AND COMPANY
 2021361119 AIR GIANTS LTD
 2021361138 MEMORIAL SLOAN KETTERING CANCER CENTER
 2021361150 INTERTRUST TECHNOLOGIES CORPORATION
 2021362157 PATHY MEDICAL, LLC
 2021362783 TATA STEEL LIMITED
 2021364272 NATIONAL UNIVERSITY OF SINGAPORE
 2021365593 ROCSYS B.V.
 2021366096 PROTECHNA S.A.
 2021366127 SOCIETE DES PRODUITS NESTLE S.A.
 2021366253 UNIVERSITY OF TECHNOLOGY, SYDNEY
 2021366386 LIVE EARTH IMAGING ENTERPRISES, L.L.C.
 2021366687 MEYER BURGER (GERMANY) GMBH
 2021368740 ARBOR BIOTECHNOLOGIES, INC.
 2021369232 NIPPON STEEL CORPORATION
 2021369310 INGREDIA
 2021369498 CATERPILLAR INC.
 2021369580 PIONEER HI-BRED INTERNATIONAL, INC.
 2021369644 ETAT FRANÇAIS REPRÉSENTÉ PAR LE PRÉFET DE POLICE, AGISSANT AU NOM ET POUR LE COMPTE DE LA VILLE DE PARIS, RELATIVEMENT À LA BRIGADE DE SAPEURS-POMPIERS DE PARIS; ZELUP PRINCE, T.L.
 2021369663 INERATEC GMBH
 2021370113 LINDIS BLOOD CARE GMBH
 2021370908 Rite-Hite Holding Corporation
 2021371313 REALTA LIFE SCIENCES, INC.
 2021371342 KENOTA INC.
 2021371448 NEUOME PEPTIDES PTE. LTD.
 2021371958 PROXR, LLC
 2021372414 SUN PHARMACEUTICAL INDUSTRIES, INC.
 2021372512 DEPUY IRELAND UNLIMITED COMPANY
 2021372730 NOVARTIS AG
 2021373366 BECTON, DICKINSON AND COMPANY
 2021373585 GENENTECH, INC.
 2021374592 KIMBERLY-CLARK WORLDWIDE, INC.
 2021374949 COLGATE-PALMOLIVE COMPANY
 2021376056 THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY
 2021376143 HUNTSMAN ADVANCED MATERIALS AMERICAS LLC
 2021376209 ALIGOS THERAPEUTICS, INC.
 2021376280 ALIGOS THERAPEUTICS, INC.
 2021376281 GLAIVERF, INC.
 2021377694 PFIZER INC.
 2021378113 ZIMMER, INC.
 2021378282 ASTELLAS PHARMA INC.; NATIONAL CANCER CENTER
 2021378575 JOHNSTON, M.N.
 2021378635 ELECTROLUX APPLIANCES AKTIEBOLAG
 2021378761 HORVAT NOMINEES PTY LTD
 2021379561 GEORGIA TECH RESEARCH CORPORATION
 2021379662 BERRY GLOBAL, INC.
 2021379754 SONY GROUP CORPORATION; SONY SEMICONDUCTOR SOLUTIONS CORPORATION
 2021380264 HENDRICKSON USA, L.L.C.
 2021380639 HOLLISTER INCORPORATED
 2021381272 SEALSTRIP CORPORATION
 2021381307 AMBIENT BIOSCIENCES, INC.
 2021381425 SHATTUCK LABS, INC.
 2021382607 HEFEI INSTITUTES OF PHYSICAL SCIENCE, CHINESE ACADEMY OF SCIENCES
 2021382769 MINING AND PROCESS SOLUTIONS PTY LTD
 2021383415 UNITED THERAPEUTICS CORPORATION;
 2021383613 MANNKIND CORPORATION
 2021383628 CUMMINS POWER GENERATION LIMITED
 2021384022 NOVARTIS AG

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2021384225 LEMBA BV
 2021385440 SOPHROSYNE PHARMACEUTICALS LIMITED
 2021385694 NINGBO BABY FIRST BABY PRODUCTS CO., LTD.
 2021386448 ROQUETTE FRERES
 2021387528 HYBRIT DEVELOPMENT AB
 2021388073 AGRICULTURE VICTORIA SERVICES PTY LTD
 2021388886 DALMINE S.P.A.
 2021388987 MOBIDIAG OY
 2021390172 ALBIREO AB
 2021390209 NOVARTIS AG
 2021390291 SUMITOMO CHEMICAL COMPANY, LIMITED
 2021390427 HEN NOZZLES INC.
 2021390457 O2 PARTNERS, LLC
 2021390502 ANTECIP BIOVENTURES II LLC
 2021391330 IMUNOPHARM TECHNOLOGY CO., LTD.; BEIJING YIMIAOYILIAO CO., LTD.
 2021391537 U.S. BORAX INC.
 2021391752 NICOVENTURES TRADING LIMITED
 2021391840 CUTISS AG
 2021391841 SPECIALTY OPERATIONS FRANCE
 2021392478 ASAHI KASEI MEDICAL CO., LTD.
 2021392870 FRIESLANDCAMPINA NEDERLAND B.V.
 2021393140 LENOVO (SINGAPORE) PTE. LTD.
 2021393332 PROTIX B.V.
 2021393378 HENDRICKSON USA, L.L.C.
 2021394117 PERRON INSTITUTE FOR NEUROLOGICAL AND TRANSLATIONAL SCIENCE LIMITED
 2021394981 MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH
 2021395477 INTERVET INTERNATIONAL B.V.
 2021395584 STEELCO S.P.A.
 2021395708 ALLARTA LIFE SCIENCE INC.
 2021395877 FRIESLANDCAMPINA NEDERLAND B.V.
 2021396314 MATERIA THERAPEUTICS INC.; UNIVERSITY OF CYPRUS
 2021396733 INSURE FIRETEC LTD
 2021397235 MVRX, INC.
 2021399012 International N&H Denmark ApS
 2021400488 REGENERON PHARMACEUTICALS, INC.
 2021401681 IMPACT BIOMEDICINES, INC.
 2021402245 PRECISION PLANTING LLC
 2021402261 ALCON INC.
 2021403024 FAETH THERAPEUTICS, INC.; CANCER RESEARCH TECHNOLOGY LIMITED
 2021403544 BASF SE
 2021403892 RAPID POWER INDUSTRIES
 2021405066 NUMAB THERAPEUTICS AG
 2021405508 OCADO INNOVATION LIMITED
 2021405739 RED BULL GMBH
 2021406571 YAZAKI ENERGY SYSTEM CORPORATION
 2021407320 ALCON INC.
 2021408089 ANGLO AMERICAN STEELMAKING COAL PTY LTD
 2021408915 EPIROC ROCK DRILLS AKTIEBOLAG
 2021409375 CHEN, C.
 2021411589 CORN PRODUCTS DEVELOPMENT, INC.
 2021411757 BIORETEC OY
 2021414245 QINGDAO HAIER REFRIGERATOR CO., LTD.; HAIER SMART HOME CO., LTD.
 2021415432 NAKATSUGAWA Shigekazu
 2021428431 JIANG, Y.
 2022205634 BARD PERIPHERAL VASCULAR, INC.
 2022206119 O.Y.M. INNOVATION LTD.; BAR ILAN UNIVERSITY
 2022206607 NIPPON STEEL CORPORATION
 2022210042 BOTTLEPLUS AG
 2022211664 ALCON INC.
 2022215028 GALVITA AG
 2022217514 RAFAEL ADVANCED DEFENSE SYSTEMS LTD.
 2022219294 TECHNISCHE UNIVERSITÄT MÜNCHEN
 2022269010 GAPS TECHNOLOGY, LLC
 2022271313 GAPS TECHNOLOGY, LLC

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2022279209 MIDDLETON, L.
2022306258 TELEA MEDICAL GROUP S.R.L.
2022330596 GEA MECHANICAL EQUIPMENT ITALIA S.P.A.