



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

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General Information

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

Editorial enquiries

Contact information

Freedom of Information ACT

Professional Standards Board

Sales

Requests for Information under Section 194 (c)

Country Codes

Trade Mark and Designs Hearing Sessions

INID (Internationally agreed Numbers for the Identification of Data)

GUIDE TO THE USE OF THIS JOURNAL

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

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

(i) FILING -

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

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

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

(iii) ACCEPTANCE –

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

(iv) OPPOSITION –

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

(v) GRANTING –

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

(vi) CERTIFICATION

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

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

How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

How Australian Patent Documents are Numbered

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

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

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

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

See Examples:

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

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

For each of the categories

(i) Provisional Applications Filed, (ii)

Complete Applications Filed, (iii)

Applications Open to Public Inspection

(iv) Applications Accepted, and (v)

Innovation Patent Certified.

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

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

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

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

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

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

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

<u>ITEM</u>	<u>INID</u> <u>No.</u>
E) Patents Certified – Name Index	
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 -

AUSTRALIAN OFFICIAL JOURNAL OF PATENTS 23 May 2024

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

CQMS Pty Ltd v ESCO Group LLC [2024] APO 17

Patent Application: 2018201710

Title: Wear part monitoring

Patent Applicant: ESCO Group LLC

Opponent: CQMS Pty Ltd

Delegate: Greg Powell

Decision Date: 8 May 2024

Hearing Date: 20 September 2023, by Video Conference
Further submissions filed 25 January 2024, 13 February 2024 and
27 February 2024

Catchwords: **PATENTS** – opposition to the grant of the patent under s 59 – novelty – claims have novelty – inventive step – conventional thought teaches away from the invention – “technical prejudice” – claims are inventive – support – claims encompass within them subject matter which is clearly beyond what is disclosed – claims not supported – clear enough and complete enough disclosure – not clear how teaching of the specification could be extended across the scope of the claims – no clear enough and complete enough disclosure – utility – required features to achieve promise of the invention missing – claims lack utility – subsection 60(3) – opposition successful – opportunity to amend – costs awarded

Representation: Counsel for the applicant: Tom Cordiner KC
Patent attorney for the applicant: Shyama Jayaswal and Rebecca Dutkowski of Minter Ellison, Wayne McMaster, Intellectual property counsel
Counsel for the opponent: Peter Creighton-Selvay
Patent attorney for the opponent: Adam Luxton and Alexia Mayer of James & Wells

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 7 May 2024 .

(71) A.C.N. 662 740 516 PTY LIMITED (21) 2024901387 (22) 13.05.2024 (54) A process for recovering metal values from lithium battery material	(71) Blue Sky Laboratories Pty Ltd (21) 2024901386 (22) 13.05.2024 (54) A SYSTEM FOR SUPPORTING CLINICAL DECISION-MAKING	(71) Facer Holdings Pty Ltd (21) 2024901385 (22) 13.05.2024 (54) FIN BOX
(71) Alcoa of Australia Limited (21) 2024901350 (22) 09.05.2024 (54) Bayer Process	(71) Britton, D. (21) 2024901346 (22) 09.05.2024 (54) BIN HANDLE	(71) Fleet Space Technologies Pty Ltd (21) 2024901363 (22) 10.05.2024 (54) Compact satellite-enabled seismic sensor node
(71) Aluminium Specialties Group Pty. Ltd. (21) 2024901349 (22) 09.05.2024 (54) Lock assembly	(71) Calix Limited (21) 2024901390 (22) 13.05.2024 (54) Calcination of Materials	(71) Fortescue Ltd (21) 2024901398 (22) 13.05.2024 (54) A method of predicting high recovery
(71) Anditi Pty Ltd (21) 2024901332 (22) 08.05.2024 (54) System and Method for Improved Environmental Remote Sensing	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2024901340 (22) 09.05.2024 (54) Extracorporeal device monitoring	(71) Glass Outlet IP Pty Ltd (21) 2024901343 (22) 09.05.2024 (54) ELECTRICALLY ISOLATED SPIGOT AND METHOD THEREOF
(71) Asifi, B. (21) 2024901379 (22) 11.05.2024 (54) A combination of a toy and a book - a two-in-one book.	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2024901382 (22) 13.05.2024 (54) Tracing cuts of meat	(71) Gomez, R. (21) 2024901381 (22) 13.05.2024 (54) Further Addition to production of special green steel from iron ores
(71) Australian Shoring Company Pty Ltd (21) 2024901333 (22) 08.05.2024 (54) Modular trench shoring system	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2024901384 (22) 13.05.2024 (54) Meat quality measurement	(71) Grant Valentine Pty Ltd (21) 2024901392 (22) 13.05.2024 (54) "Neck Speaker: Wearable Directional Audio Device" "Neck Speaker: Wearable Directional Audio Device" "Neck Speaker: Wearable Directional Audio Device" "Neck Speaker: Wearable Directional Audio Device" "Neck Speaker: Wearable Directional Audio Device" "Neck Speaker: Wearable Directional Audio Device" "Neck Speaker: Wearable Directional Audio Device" "Neck Speaker: Wearable Directional Audio Device" "Neck Speaker: Wearable Directional Audio Device" "Neck Speaker: Wearable Directional Audio Device"
(71) Australian Valve Group Pty Ltd. (21) 2024901354 (22) 10.05.2024 (54) A valve kit assembly	(71) Deep Brain Stimulation Technologies Pty Ltd (21) 2024901374 (22) 10.05.2024 (54) Systems and methods for monitoring neural activity	
(71) Baker Heart and Diabetes Institute (21) 2024901347 (22) 09.05.2024 (54) Method for treating fibrosis	(71) Delahunty, B. (21) 2024901378 (22) 11.05.2024 (54) Connector for a post	
(71) BankVault Pty Ltd (21) 2024901399 (22) 13.05.2024 (54) Method and System of Identifiable Use of an Online Service	(71) Dux Manufacturing Limited (21) 2024901369 (22) 10.05.2024 (54) Heat exchanger and water heater system incorporating same	

Provisional Applications Filed - Name Index cont'd

(71) Grant Valentine Pty Ltd
(21) 2024901393 (22) 13.05.2024
(54) ORIEMS FIT: Advanced Wearable EMS System for Enhanced Physical Training and Rehabilitation

(71) Guina ePropulsion Pty Ltd
(21) 2024901341 (22) 09.05.2024
(54) ELECTROMAGNETIC PROPULSION SYSTEM

(71) HaemaLogiX Ltd
(21) 2024901394 (22) 13.05.2024
(54) Anti-LMA binding proteins

(71) HPS Tech Trading Pty Ltd
(21) 2024901361 (22) 10.05.2024
(54) Alpha-lactalbumin process (I)

(71) HPS Tech Trading Pty Ltd
(21) 2024901362 (22) 10.05.2024
(54) Alpha-lactalbumin process (II)

(71) Hysential Pty Ltd
(21) 2024901345 (22) 09.05.2024
(54) Locking Mechanism For Containers

IDAZ09 Pty Ltd see Nikolic, G.
(21) 2024901334

(71) IIWII SYSTEMS PTY LTD
(21) 2024901364 (22) 10.05.2024
(54) Muzzle arrangement for a speargun

(71) Innovative Product Inventions Pty Ltd
(21) 2024901397 (22) 13.05.2024
(54) DRAINAGE APPARATUS

Jabir, Z. see M hamdi, M.
(21) 2024901353

Karan, M. see MK621 PTY Ltd
(21) 2024901380

(71) King Furniture Australia Pty Ltd
(21) 2024901370 (22) 10.05.2024
(54) Mechanism for an extension leaf

(71) KINGSTON, K.
(21) 2024901375 (22) 10.05.2024
(54) Diamond Weave, a novel advancement in the design, fabrication and erection of prefabricated buildings.

(71) Laminex Group Pty Limited
(21) 2024901389 (22) 13.05.2024
(54) CEILING OR FLOOR PANEL

(71) Laws, J.
(21) 2024901403 (22) 14.05.2024
(54) Whistle

(71) Lee, S.
(21) 2024901377 (22) 11.05.2024
(54) Pasteurization system for treating product in bins

(71) LFT Bitumen Pty Ltd
(21) 2024901330 (22) 08.05.2024
(54) Road-surfacing composition and method of constructing a road surface

(71) MacGillivray, D.
(21) 2024901357 (22) 10.05.2024
(54) Training Aid

(71) McWilliam, J.
(21) 2024901337 (22) 09.05.2024
(54) ELECTRIC VEHICLE FIRE SUPPRESSION SYSTEM

(71) M hamdi, M.; Jabir, Z.
(21) 2024901353 (22) 10.05.2024
(54) Revolutionary eco-friendly hydrogen car with self-charging electrolysis and zero-emission water recycling

(71) MK621 PTY Ltd; Karan, M.
(21) 2024901380 (22) 12.05.2024
(54) Designing Wireless headphone with reading lights and video recorder, rechargeable and sync with new technology phone and apps

(71) NEWERA.BIO PTY LTD
(21) 2024901355 (22) 10.05.2024
(54) COMPOUNDS AND THEIR USES

(71) NEWERA.BIO PTY LTD
(21) 2024901356 (22) 10.05.2024
(54) COMPOUNDS AND THEIR USES

(71) NEWERA.BIO PTY LTD
(21) 2024901358 (22) 10.05.2024
(54) COMPOUNDS AND THEIR USES

(71) NEWERA.BIO PTY LTD
(21) 2024901359 (22) 10.05.2024
(54) COMPOUNDS AND THEIR USES

(71) NEWERA.BIO PTY LTD
(21) 2024901360 (22) 10.05.2024
(54) COMPOUNDS AND THEIR USES

(71) New Medtek Devices Pty Ltd
(21) 2024901338 (22) 09.05.2024
(54) Nerve stimulating apparatus and method

(71) Nikolic, G.; IDAZ09 Pty Ltd
(21) 2024901334 (22) 08.05.2024
(54) Transactional Declaration Authority for Application and Payment Data

(71) Pascu, L.
(21) 2024901331 (22) 08.05.2024
(54) Bag Hitch Assembly

(71) Pilbara Clean Fuels Pty Ltd
(21) 2024901352 (22) 09.05.2024
(54) System to produce low emission fuel for marine transport

(71) Remocapp Holdings Pty Ltd
(21) 2024901395 (22) 13.05.2024
(54) A Real-Time, Optical, and Markerless, Motion Capture System

ResMed Asia Pte. Ltd. see ResMed Pty Ltd
(21) 2024901339

(71) ResMed Pty Ltd; ResMed Asia Pte. Ltd.
(21) 2024901339 (22) 09.05.2024
(54) HEADGEAR FOR PATIENT INTERFACES

(71) Rotacaster Wheel Pty Ltd
(21) 2024901351 (22) 09.05.2024
(54) Omniwheel

(71) Savage, A.
(21) 2024901376 (22) 10.05.2024
(54) Processes for Preparing Pelleted Seeds for Revegetation

(71) searle, D.
(21) 2024901335 (22) 08.05.2024
(54) process and Application to gather, distribute, deliver and archive public interest content and information from federal and state Parliamentary Press Galleries

(71) Silicon Quantum Computing Pty Limited
(21) 2024901371 (22) 10.05.2024
(54) Control system for quantum processing devices

(71) Smartstream Pty Ltd
(21) 2024901368 (22) 10.05.2024
(54) A SCALPEL BLADE REMOVER ASSEMBLY

Provisional Applications Filed - Name Index cont'd

(71) Str8 Sets PTY LTD
 (21) 2024901336 (22) 08.05.2024
 (54) A game format for running a competition about a tournament between a large number of participants

(71) SWC Designs Pty Ltd
 (21) 2024901344 (22) 09.05.2024
 (54) Pet Water Feeder

(71) Swinburne University of Technology
 (21) 2024901404 (22) 14.05.2024
 (54) Targeted Nanoparticles

(71) Technological Resources Pty. Limited
 (21) 2024901366 (22) 10.05.2024
 (54) HEAP LEACHING A BASE METAL-CONTAINING MATERIAL

(71) TERNARY KINETICS LIMITED
 (21) 2024901406 (22) 14.05.2024
 (54) IMPROVEMENTS IN OR RELATING TO LIQUID FUEL INFRASTRUCTURE AND/OR COMPONENTS THEREOF OR THEREFOR AND METHODS RELATING

(71) THE TRUSTEE FOR THE KOZZIE TRUST
 (21) 2024901396 (22) 13.05.2024
 (54) System for generating power through the use of soaring unmanned aerial vehicles

(71) The University of Melbourne
 (21) 2024901388 (22) 13.05.2024
 (54) BRUXISM MAGNETIC SPLINT

(71) The University of Queensland
 (21) 2024901400 (22) 14.05.2024
 (54) Method of measuring 5' capping of mRNA molecules

(71) THINKONE PTY LTD
 (21) 2024901372 (22) 10.05.2024
 (54) BALL RETURN SYSTEM AND METHOD OF USE

(71) Tiegear Pty Ltd
 (21) 2024901391 (22) 13.05.2024
 (54) TIE DOWN STRAP

(71) Tierney, G.
 (21) 2024901373 (22) 10.05.2024
 (54) DATA COMMUNICATIONS NETWORK AND METHOD OF OPERATING FOR IMPROVING USER ENGAGEMENT

(71) VENTORA Group Pty Ltd
 (21) 2024901342 (22) 09.05.2024
 (54) Fenestration System

(71) Walker, A.
 (21) 2024901402 (22) 14.05.2024
 (54) Amora Bracelet A bracelet with cosmetic storage. This invention is a multi-compartment portable cosmetic storage device with magnifying makeup mirror and makeup applicator held within a bracelet designed body that secures around the wrist. Through the addition to a bracelet of holding pods that encase the cosmetics we have a portable cosmetic makeup system.

(71) Way-Mildon, S.
 (21) 2024901348 (22) 09.05.2024
 (54) Crib Bottle. A 2 in 1 water cooler jug with a detachable food storage compartment.

(71) WHITEHEAD, K.
 (21) 2024901365 (22) 10.05.2024
 (54) Adjustable roll sizer apparatus for ammunition cases

(71) Womersley, G.
 (21) 2024901401 (22) 14.05.2024
 (54) Encryption for all computers, phones and electronics, cars e.g. and more. INCLUDING 3D, Holographic technology, Hearing/other medical technology to isolate wavelengths safely as well as particles, human and animal body tissue. The isolation of chemicals, compounds and materials and the safety of the finds and many more applicable industry's/uses. This uses what is stated in the note attached.

(71) Zip Diagnostics Pty Ltd
 (21) 2024901367 (22) 10.05.2024
 (54) Array Lateral Flow Printing and Detection Method

(71) Zip Heaters (Aust) Pty Ltd
 (21) 2024901383 (22) 13.05.2024
 (54) A chilled water tank assembly

Numerical Index

2024901330	LFT Bitumen Pty Ltd	2024901395	Remocapp Holdings Pty Ltd
2024901331	Pascu, L.	2024901396	THE TRUSTEE FOR THE KOZZIE TRUST
2024901332	Anditi Pty Ltd	2024901397	Innovative Product Inventions Pty Ltd
2024901333	Australian Shoring Company Pty Ltd	2024901398	Fortescue Ltd
2024901334	Nikolic, G.; IDAZO9 Pty Ltd	2024901399	BankVault Pty Ltd
2024901335	searle, D.	2024901400	The University of Queensland
2024901336	Str8 Sets PTY LTD	2024901401	Womersley, G.
2024901337	McWilliam, J.	2024901402	Walker, A.
2024901338	New Medtek Devices Pty Ltd	2024901403	Laws, J.
2024901339	ResMed Pty Ltd; ResMed Asia Pte. Ltd.	2024901404	Swinburne University of Technology
2024901340	Commonwealth Scientific and Industrial Research Organisation	2024901406	TERNARY KINETICS LIMITED
2024901341	Guina ePropulsion Pty Ltd		
2024901342	VENTORA Group Pty Ltd		
2024901343	Glass Outlet IP Pty Ltd		
2024901344	SWC Designs Pty Ltd		
2024901345	Hysential Pty Ltd		
2024901346	Britton, D.		
2024901347	Baker Heart and Diabetes Institute		
2024901348	Way-Mildon, S.		
2024901349	Aluminium Specialties Group Pty. Ltd.		
2024901350	Alcoa of Australia Limited		
2024901351	Rotacaster Wheel Pty Ltd		
2024901352	Pilbara Clean Fuels Pty Ltd		
2024901353	M hamdi, M.; Jabir, Z.		
2024901354	Australian Valve Group Pty Ltd.		
2024901355	NEWERA.BIO PTY LTD		
2024901356	NEWERA.BIO PTY LTD		
2024901357	MacGillivray, D.		
2024901358	NEWERA.BIO PTY LTD		
2024901359	NEWERA.BIO PTY LTD		
2024901360	NEWERA.BIO PTY LTD		
2024901361	HPS Tech Trading Pty Ltd		
2024901362	HPS Tech Trading Pty Ltd		
2024901363	Fleet Space Technologies Pty Ltd		
2024901364	IIWII SYSTEMS PTY LTD		
2024901365	WHITEHEAD, K.		
2024901366	Technological Resources Pty. Limited		
2024901367	Zip Diagnostics Pty Ltd		
2024901368	Smartstream Pty Ltd		
2024901369	Dux Manufacturing Limited		
2024901370	King Furniture Australia Pty Ltd		
2024901371	Silicon Quantum Computing Pty Limited		
2024901372	THINKONE PTY LTD		
2024901373	Tierney, G.		
2024901374	Deep Brain Stimulation Technologies Pty Ltd		
2024901375	KINGSTON, K.		
2024901376	Savage, A.		
2024901377	Lee, S.		
2024901378	Delahunty, B.		
2024901379	Asifi, B.		
2024901380	MK621 PTY Ltd; Karan, M.		
2024901381	Gomez, R.		
2024901382	Commonwealth Scientific and Industrial Research Organisation		
2024901383	Zip Heaters (Aust) Pty Ltd		
2024901384	Commonwealth Scientific and Industrial Research Organisation		
2024901385	Facer Holdings Pty Ltd		
2024901386	Blue Sky Laboratories Pty Ltd		
2024901387	A.C.N. 662 740 516 PTY LIMITED		
2024901388	The University of Melbourne		
2024901389	Laminex Group Pty Limited		
2024901390	Calix Limited		
2024901391	Tiegear Pty Ltd		
2024901392	Grant Valentine Pty Ltd		
2024901393	Grant Valentine Pty Ltd		
2024901394	HaemaLogiX Ltd		

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Applications listed below were processed through the Patent Office Canberra during the period ending 7 May 2024 .

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

(71) 2MT Mining Products Pty Ltd (21) 2024203091 (22) 09.05.2024 (54) PROTECTION SYSTEMS	(54) PATIENT INTERFACE FOR OPHTHALMIC SURGERY	Arvinas Operations, Inc. see Genentech, Inc. (21) 2024203058
(71) 3dpromelbourne pty ltd (21) 2024203141 (22) 13.05.2024 (54) MODULAR ALUMINUM SHELVING SYSTEM FOR ENHANCED VEHICLE AND WORKSHOP STORAGE SOLUTIONS	(71) ali, s. (21) 2024203130 (22) 11.05.2024 (54) OZ Connect.	(71) Axon Enterprise, Inc. (21) 2024203060 (22) 08.05.2024 (54) Equipment Detection Using A Wearable Device
(71) Abbott Diabetes Care Inc. (21) 2024203056 (22) 08.05.2024 (54) Systems, devices, and methods related to the individualized calibration and/or manufacturing of medical devices	(71) Apple Inc. (21) 2024203043 (22) 08.05.2024 (54) Physical activity and workout monitor	(71) Bausch Health Ireland Limited (21) 2024203104 (22) 10.05.2024 (54) Formulations of guanylate cyclase C agonists and methods of use
(71) AbTis Co., Ltd. (21) 2024203071 (22) 09.05.2024 (54) Site-specific antibody conjugation and antibody-drug conjugate as specific example thereof	(71) Applikon Biotechnology B.V. (21) 2024203176 (22) 14.05.2024 (54) LID CONFIGURATION FOR A BIOREACTOR	(71) Beck, P. (21) 2024203131 (22) 11.05.2024 (54) WEIGHTED ZIPPER PULL
(71) Acacia Pharma Ltd (21) 2024203155 (22) 13.05.2024 (54) RESCUE TREATMENT OF POST OPERATIVE NAUSEA AND VOMITING	(71) Aqua View Inc. (21) 2024203051 (22) 08.05.2024 (54) Water conserving shower system and thermochromic fixtures used therein	(71) Beckman Coulter, Inc. (21) 2024203100 (22) 10.05.2024 (54) Computer-Implemented Liquid-Handler Protocol
(71) Air Products and Chemicals, Inc. (21) 2024203132 (22) 12.05.2024 (54) APPARATUS AND PROCESS TO CONTROL PROVIDING PURIFIED WATER FOR HYDROGEN PRODUCTION	(71) Aquis Systems AG (21) 2024203096 (22) 09.05.2024 (54) Drinking-water cooling system for cooling, storing and filtering drinking water	(71) Be Sunny Gifts, LLC (21) 2024203137 (22) 13.05.2024 (54) JEWELRY DEVICE
(71) Air Products and Chemicals, Inc. (21) 2024203133 (22) 12.05.2024 (54) APPARATUS AND PROCESS TO CONTROL PROVIDING OF ELECTROLYZER WATER FOR HYDROGEN PRODUCTION	(71) Arena Pharmaceuticals, Inc. (21) 2024203156 (22) 13.05.2024 (54) Compositions comprising PGI2-receptor agonists and processes for the preparation thereof	(71) Bios-Therapy, Physiological Systems for Health S.p.A. (21) 2024203121 (22) 10.05.2024 (54) VALIDATION OF NATURAL MATRICES FOR THERAPEUTIC USE ON HUMANS, ANIMALS AND PLANTS ON BIO-PHYSICAL BASES AS AN ALTERNATIVE TO VALIDATION THROUGH CHEMICALLY DEFINABLE SUBSTANCES DERIVED FROM SAID MATRICES BY ISOLATION AND/OR SYNTHESIS PROCESSES AND ALSO AS AN ALTERNATIVE TO PRODUCTS COMPRISING NATURAL MATRICES VALIDATED ON THE BASIS OF THEIR TRADITIONAL USE.
(71) Air Products and Chemicals, Inc. (21) 2024203134 (22) 12.05.2024 (54) HIGH-POWER RECTIFICATION ARRANGEMENT FOR AN ELECTROLYSER SYSTEM	(71) Aristocrat Technologies, Inc. (21) 2024203085 (22) 09.05.2024 (54) EQUITY-BASED BONUS COMMUNITY GAMING SYSTEMS AND METHODS	(71) Boehringer Ingelheim International GmbH (21) 2024203045 (22) 08.05.2024 (54) New combination of active agents for the treatment of Progressive Fibrosing Interstitial Lung Diseases (PF-ILD)
(71) Alcon Inc. (21) 2024203174 (22) 14.05.2024	(71) Array Technologies, Inc. (21) 2024203077 (22) 09.05.2024 (54) Modified clamp	

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(71) Botanical Water Technologies IP Ltd
(21) 2024203110 (22) 10.05.2024
(54) ISOTOPIIC Compositions II

(71) BrainChip, Inc.
(21) 2024203116 (22) 10.05.2024
(54) Methods and System for Improved Processing of Sequential Data in a Neural Network

(71) BrightSeed, Inc.
(21) 2024203050 (22) 08.05.2024
(54) Composition for modulating metabolism

(71) Canva Pty Ltd
(21) 2024203055 (22) 08.05.2024
(54) Systems and methods for processing designs

(71) Carver Edison, Inc.
(21) 2024203120 (22) 10.05.2024
(54) Methods and systems for maximizing share purchase under an employee stock purchase plan with limited payroll deductions

(71) Children's Hospital Medical Center
(21) 2024203194 (22) 14.05.2024
(54) Treatment of inflammatory bowel diseases with 2'-fucosyllactose compounds

(71) Complement Therapeutics Limited
(21) 2024203142 (22) 13.05.2024
(54) C3b binding polypeptide

(71) CONVATEC TECHNOLOGIES INC.
(21) 2024203149 (22) 13.05.2024
(54) NEGATIVE PRESSURE WOUND DRESSING MANAGEMENT SYSTEM

(71) Deere & Company
(21) 2024203111 (22) 10.05.2024
(54) Supplemental air attachment in a cleaning system of a sugarcane harvester

(71) DEKA Products Limited Partnership
(21) 2024203080 (22) 09.05.2024
(54) SYSTEM AND METHOD FOR SURFACE FEATURE DETECTION AND TRAVERSAL

(71) DET-IO PTY LIMITED
(21) 2024203136 (22) 12.05.2024
(54) Decentralized system for identification, authentication, data encryption, cloud and distributed cluster computing

(71) Dolby International AB
(21) 2024203054 (22) 08.05.2024

(54) Audio encoder and decoder

(71) Dolby International AB
(21) 2024203127 (22) 10.05.2024
(54) Decoding audio bitstreams with enhanced spectral band replication metadata in at least one fill element

(71) Dolby Laboratories Licensing Corporation
(21) 2024203122 (22) 10.05.2024
(54) Quantization parameter signaling

(71) DRAEGER SAFETY AG & CO. KGAA
(21) 2024203042 (22) 08.05.2024
(54) Gas detection device and gas detection process, which generate a warning and an alarm

(71) Eli Lilly and Company
(21) 2024203048 (22) 08.05.2024
(54) Compounds and methods targeting human tau

(71) Equifax, Inc.
(21) 2024203103 (22) 10.05.2024
(54) Machine-Learning Techniques For Monotonic Neural Networks

(71) Equinix, Inc.
(21) 2024203041 (22) 08.05.2024
(54) Virtual domains within a shared device

(71) Evonik Operations GmbH
(21) 2024203129 (22) 10.05.2024
(54) Construction Of An Electrochemical Cell

(71) F. Hoffmann-La Roche AG
(21) 2024203126 (22) 10.05.2024
(54) Antibody formulation

(71) FISHER & PAYKEL HEALTHCARE LIMITED
(21) 2024203124 (22) 10.05.2024
(54) MASK SYSTEM HEADGEAR

(71) FLASH CORPORATION PTY LIMITED
(21) 2024203160 (22) 13.05.2024
(54) A FRAMING DEVICE AND JOINING MEMBER

(71) Gaplast GmbH
(21) 2024203177 (22) 14.05.2024
(54) Implant Syringe

(71) GBS Holdings LLC
(21) 2024203067 (22) 09.05.2024

(54) POURING SPOUT FITMENT FOR FLEXIBLE CONTAINER

(71) Genentech, Inc.; Arvinas Operations, Inc.
(21) 2024203058 (22) 08.05.2024
(54) BRM targeting compounds and associated methods of use

(71) Geron Corporation
(21) 2024203138 (22) 13.05.2024
(54) Use of Telomerase Inhibitors for the Treatment of Myeloproliferative Disorders and Myeloproliferative Neoplasms

(71) Getac Technology Corporation
(21) 2024203157 (22) 13.05.2024
(54) ELECTRONIC DEVICE

(71) Google LLC
(21) 2024203107 (22) 10.05.2024
(54) LOW OVERHEAD QUANTUM COMPUTATION USING LATTICE SURGERY

(71) Graco Minnesota Inc.
(21) 2024203152 (22) 13.05.2024
(54) Power tool attachment

(71) Grasso, D.
(21) 2024203115 (22) 10.05.2024
(54) PORTABLE TOILET SEAT

Harrison, P.R. see Prioleau, F.R.R.
(21) 2024203135

(71) HONEYWELL INTERNATIONAL INC.
(21) 2024203106 (22) 10.05.2024
(54) SYSTEM AND METHOD FOR THE ENERGY MANAGEMENT AND CONTROL OF MICROGRIDS

(71) Huang, H.
(21) 2024203047 (22) 08.05.2024
(54) A thermally broken frame assembly

(71) IGT
(21) 2024203108 (22) 10.05.2024
(54) SYSTEM AND METHOD FOR SYNCHRONIZING CASHLESS WAGERING ACCOUNTS AND GAMING ESTABLISHMENT RETAIL ACCOUNTS

IIT Research Institute see The University of Chicago
(21) 2024203053

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(71) Implantica Patent Ltd
(21) 2024203062 (22) 08.05.2024
(54) A Device, System and Method for Treating Obesity

(71) Intergraph Corporation
(21) 2024203089 (22) 09.05.2024
(54) Artificial intelligence applications for computer-aided dispatch systems

(71) Isgar, C.
(21) 2024203090 (22) 09.05.2024
(54) CHARITY DONATION AND PAYMENT SYSTEMS

(71) JIANG DONG FITTINGS EQUIPMENT CO., LTD.; Jiangsu Zhongtian Technology Co., Ltd.
(21) 2024203101 (22) 10.05.2024
(54) VIBRATION DAMPER AND OVER-HEAD POWER TRANSMISSION LINE

Jiangsu Zhongtian Technology Co., Ltd. see JIANG DONG FITTINGS EQUIPMENT CO., LTD.
(21) 2024203101

(71) Joy Global Surface Mining Inc
(21) 2024203192 (22) 14.05.2024
(54) Passive track tensioning system

(71) K Factor Consulting Pty Ltd
(21) 2024203059 (22) 08.05.2024
(54) IMPROVED TRASHER ARRANGEMENT AND PARALLELOGRAM MOUNTING SYSTEM

(71) Kling Biotherapeutics B.V.
(21) 2024203171 (22) 14.05.2024
(54) Therapeutic anti-CD9 antibody

(71) Legrand AV Inc.
(21) 2024203148 (22) 13.05.2024
(54) Television mount with motion control features

(71) LG Electronics Inc.
(21) 2024203032 (22) 08.05.2024
(54) Method and apparatus for signaling picture partitioning information

(71) LG Electronics Inc.
(21) 2024203088 (22) 09.05.2024
(54) Display Device

(71) LG Electronics Inc.
(21) 2024203118 (22) 10.05.2024
(54) Image coding method based on secondary transform, and device therefor

(71) Lynch, J.; Ross, G.
(21) 2024203049 (22) 08.05.2024
(54) A road marker

(71) Magic Leap, Inc.
(21) 2024203082 (22) 09.05.2024
(54) Virtual and augmented reality systems and methods

(71) Magic Leap, Inc.
(21) 2024203150 (22) 13.05.2024
(54) System and method for augmented and virtual reality

(71) Magnolia Medical Technologies, Inc.
(21) 2024203105 (22) 10.05.2024
(54) FLUID DIVERSION MECHANISM FOR BODILY-FLUID SAMPLING

(71) Magnolia Medical Technologies, Inc.
(21) 2024203140 (22) 13.05.2024
(54) FLUID CONTROL DEVICES AND METHODS OF USING THE SAME

(71) MarketMakers (Aust.) Pty Ltd
(21) 2024203094 (22) 09.05.2024
(54) Tilt shaft and header assembly for vertical blinds

(71) MBF S.p.A.
(21) 2024203119 (22) 10.05.2024
(54) VALVE ASSEMBLY FOR A FILLING MACHINE AND A FILLING MACHINE PROVIDED WITH SUCH VALVE

(71) MBF S.p.A.
(21) 2024203125 (22) 10.05.2024
(54) VALVE ASSEMBLY FOR A FILLING MACHINE WITH A FILLING LEVEL REGULATION PROBE AND A FILLING MACHINE PROVIDED WITH SUCH VALVE

(71) Medanic, R.
(21) 2024203078 (22) 09.05.2024
(54) Planter Assembly

(71) M-Elec Holdings Pty Ltd
(21) 2024203074 (22) 09.05.2024
(54) AN ELECTRICAL CONNECTOR

Michael J. Kates see The University of Chicago
(21) 2024203053

(71) Nantcell, Inc.
(21) 2024203099 (22) 09.05.2024

(54) Drug-specific pharmacokinetic assay for IL-15 superagonist

(71) Natera, Inc.
(21) 2024203154 (22) 13.05.2024
(54) Detecting mutations and ploidy in chromosomal segments

(71) Nemaska Lithium Inc.
(21) 2024203143 (22) 13.05.2024
(54) Methods for treating lithium-containing materials

(71) Nextivity, Inc.
(21) 2024203066 (22) 09.05.2024
(54) DETERMINING THE OPTIMUM COVERAGE POSITION IN A BUILDING FOR EXTERNALLY PROVIDED RF SIGNALS

(71) NORITZ CORPORATION
(21) 2024203070 (22) 09.05.2024
(54) WATER HEATER

(71) NORITZ CORPORATION
(21) 2024203072 (22) 09.05.2024
(54) PROGRAM EXECUTED ON MOBILE COMMUNICATION TERMINAL THAT COMMUNICATES WITH WATER HEATER, AND WATER HEATER

(71) Odori, M.
(21) 2024203061 (22) 08.05.2024
(54) Monitoring system for a section or a component of a pipeline for the transport of hydrocarbons in a hazard site

(71) One Zero Pty Limited
(21) 2024203117 (22) 10.05.2024
(54) Garment

(71) Ovenden, R.
(21) 2024203175 (22) 14.05.2024
(54) Foot Plate Assembly

(71) Owens-Brockway Glass Container Inc.
(21) 2024203179 (22) 14.05.2024
(54) Glass container with embossed indicia

(71) OXTI Pte Ltd
(21) 2024203098 (22) 09.05.2024
(54) POWER SUPPLY EXTENSION DEVICE OF NOTEBOOK COMPUTER

(71) Polaris Industries Inc.
(21) 2024203081 (22) 09.05.2024
(54) ELECTRICAL POWER MANAGEMENT OF RECREATIONAL VEHICLES

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(71) Polaris Industries Inc.
(21) 2024203102 (22) 10.05.2024
(54) AUTONOMOUS AND SEMI-AUTONOMOUS OFF-ROAD VEHICLE CONTROL

(71) Prioleau, F.R.R.; Harrison, P.R.; Simplifi Holdings, Inc
(21) 2024203135 (22) 12.05.2024
(54) System and method for message targeting using geofencing

(71) Racing Australia Limited
(21) 2024203052 (22) 08.05.2024
(54) A helmet and manufacture thereof

(71) Ratahi, T.
(21) 2024203046 (22) 08.05.2024
(54) QUICK COUPLING ASSEMBLY FOR USE IN SCAFFOLDING STRUCTURES

(71) Rockline Industries, Inc.
(21) 2024203057 (22) 08.05.2024
(54) WET WIPES WITH IMPROVED PRESERVATIVE PROPERTIES

Ross, G. see Lynch, J.
(21) 2024203049

(71) Rotacaster Wheel Pty Ltd
(21) 2024203095 (22) 09.05.2024
(54) Omniwheel

(71) Scholar Rock, Inc.
(21) 2024203178 (22) 14.05.2024
(54) Anti-pro/latent-Myostatin antibodies and uses thereof

(71) Schumacher Electric Corp.
(21) 2024203068 (22) 09.05.2024
(54) COMPACT MULTIFUNCTIONAL BATTERY BOOSTER

(71) Shenzhen Turier Biotech Co., Ltd.
(21) 2024203093 (22) 09.05.2024
(54) POLYPEPTIDE COMPOUNDS AND USE THEREOF IN THE PREVENTION OR TREATMENT OF DIABETES OR DIAGNOSTIC COMPOUNDS

Simplifi Holdings, Inc see Prioleau, F.R.R.
(21) 2024203135

(71) SNA EUROPE INDUSTRIES IBERIA, S.A.
(21) 2024203161 (22) 13.05.2024
(54) Automatic locking hinge mechanism

(71) Soremartec S.A.
(21) 2024203153 (22) 13.05.2024
(54) CONTAINER FOR SURPRISES

(71) Stats LLC
(21) 2024203113 (22) 10.05.2024
(54) Audio Processing For Detecting Occurrences Of Crowd Noise In Sporting Event Television Programming

(71) Stepan Company
(21) 2024203063 (22) 08.05.2024
(54) Reduced-residue hard surface cleaner and method for determining film/streak

(71) Stepan Company
(21) 2024203064 (22) 08.05.2024
(54) Reduced-residue hard surface cleaner and method for determining film/streak

(71) Stepan Company
(21) 2024203065 (22) 08.05.2024
(54) Reduced-residue hard surface cleaner and method for determining film/streak

(71) Sterlite Technologies Limited
(21) 2024203075 (22) 09.05.2024
(54) OPTICAL FIBER CABLE WITH BUNDLES OF OPTICAL FIBERS

(71) Sterlite Technologies Limited
(21) 2024203076 (22) 09.05.2024
(54) OPTICAL FIBER CABLE WITH PLURALITY OF SLOTS

(71) Stryker Corporation
(21) 2024203195 (22) 14.05.2024
(54) System and methods for performing surgery on a patient at a target site defined by a virtual object

(71) Sungrow Power Supply Co., Ltd.
(21) 2024203162 (22) 14.05.2024
(54) Heat dissipation structure, power conversion equipment and photovoltaic system

(71) Tata Consultancy Services Limited
(21) 2024203079 (22) 09.05.2024
(54) Method and system for jointly controlling electric vehicle-heating, ventilation, and air conditioning system of building

(71) Taylor, R.
(21) 2024203114 (22) 10.05.2024
(54) A Device for Stretching Fence Wire

(71) Techtronic Cordless GP
(21) 2024203146 (22) 13.05.2024

(54) An electrode sheet for lithium ion battery

(71) Techtronic Cordless GP
(21) 2024203158 (22) 13.05.2024
(54) Tool device and steerable-wheel assembly

(71) Techtronic Cordless GP
(21) 2024203159 (22) 13.05.2024
(54) Tool device and steerable-wheel assembly

(71) Teleflex Life Sciences LLC
(21) 2024203139 (22) 13.05.2024
(54) Handle and cartridge system for medical interventions

(71) Tencent America LLC
(21) 2024203083 (22) 09.05.2024
(54) METHOD AND APPARATUS FOR COLOR TRANSFORM IN VVC

(71) Terra Quantum AG
(21) 2024203087 (22) 09.05.2024
(54) METHOD AND SYSTEM FOR QUANTUM KEY DISTRIBUTION

(71) The Mosaic Company
(21) 2024203112 (22) 10.05.2024
(54) Incorporation of biological agents in fertilizers

The Regents of The University of California see University of Florida Research Foundation, Incorporated
(21) 2024203084

(71) The Trustees of the University of Pennsylvania; The Wistar Institute of Anatomy and Biology
(21) 2024203109 (22) 10.05.2024
(54) DNA monoclonal antibodies targeting IL-6 and CD126

(71) The Trustees of the University of Pennsylvania
(21) 2024203144 (22) 13.05.2024
(54) Cancer vaccines and methods of treatment using the same

(71) The University of Chicago; IIT Research Institute; Michael J. Kates
(21) 2024203053 (22) 08.05.2024
(54) L-PAG derivatives for treatment of sleep disordered breathing (SDB)

The Wistar Institute of Anatomy and Biology see The Trustees of the University of Pennsylvania

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(21) 2024203109

(71) Transking Corporation Pty Limited
(21) 2024203145 (22) 13.05.2024
(54) A curtain locking mechanism

(71) University of Florida Research Founda-
tion, Incorporated; The Regents of The
University of California
(21) 2024203084 (22) 09.05.2024
(54) Compositions and methods for express-
ing Otoferlin

(71) Vella, J.
(21) 2024203092 (22) 09.05.2024
(54) A vehicle oil sump seal

(71) WASHINGTON UNIVERSITY
(21) 2024203123 (22) 10.05.2024
(54) Anti-ApoE antibodies

(71) Wave Life Sciences Ltd.
(21) 2024203173 (22) 14.05.2024
(54) Chiral design

(71) Xencor, Inc.
(21) 2024203151 (22) 13.05.2024
(54) IL15/IL15Ralpha heterodimeric Fc-fu-
sion proteins

(71) Yahyavi, R.
(21) 2024203097 (22) 09.05.2024
(54) MOVABLE RAMP ASSEMBLY FOR
VEHICLE

(71) Yeda Research and Development Co.
Ltd
(21) 2024203073 (22) 09.05.2024
(54) Reducing systemic regulatory T cell
levels or activity for treatment of dis-
ease and injury of the CNS

(71) ZENDIT PTY LTD
(21) 2024203147 (22) 13.05.2024
(54) An improved method of installing large
structures such as wind turbines

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2024203048	Eli Lilly and Company	2024203113	Stats LLC
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2024203051	Aqua View Inc.	2024203116	BrainChip, Inc.
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2024203057	Rockline Industries, Inc.	2024203122	Dolby Laboratories Licensing Corporation
2024203058	Genentech, Inc.; Arvinas Operations, Inc.	2024203123	WASHINGTON UNIVERSITY
2024203059	K Factor Consulting Pty Ltd	2024203124	FISHER & PAYKEL HEALTHCARE LIMITED
2024203060	Axon Enterprise, Inc.	2024203125	MBF S.p.A.
2024203061	Odori, M.	2024203126	F. Hoffmann-La Roche AG
2024203062	Implantica Patent Ltd	2024203127	Dolby International AB
2024203063	Stepan Company	2024203129	Evonik Operations GmbH
2024203064	Stepan Company	2024203130	ali, s.
2024203065	Stepan Company	2024203131	Beck, P.
2024203066	Nextivity, Inc.	2024203132	Air Products and Chemicals, Inc.
2024203067	GBS Holdings LLC	2024203133	Air Products and Chemicals, Inc.
2024203068	Schumacher Electric Corp.	2024203134	Air Products and Chemicals, Inc.
2024203069	Apple Inc.	2024203135	Prioleau, F.R.R.; Harrison, P.R.; Simplifi Holdings, Inc
2024203070	NORITZ CORPORATION	2024203136	DET-IO PTY LIMITED
2024203071	AbTis Co., Ltd.	2024203137	Be Sunny Gifts, LLC
2024203072	NORITZ CORPORATION	2024203138	Geron Corporation
2024203073	Yeda Research and Development Co. Ltd	2024203139	Teleflex Life Sciences LLC
2024203074	M-Elec Holdings Pty Ltd	2024203140	Magnolia Medical Technologies, Inc.
2024203075	Sterlite Technologies Limited	2024203141	3dpromelbourne Pty Ltd
2024203076	Sterlite Technologies Limited	2024203142	Complement Therapeutics Limited
2024203077	Array Technologies, Inc.	2024203143	Nemaska Lithium Inc.
2024203078	Medanic, R.	2024203144	The Trustees of the University of Pennsylvania
2024203079	Tata Consultancy Services Limited	2024203145	Transking Corporation Pty Limited
2024203080	DEKA Products Limited Partnership	2024203146	Techtronic Cordless GP
2024203081	Polaris Industries Inc.	2024203147	ZENDIT PTY LTD
2024203082	Magic Leap, Inc.	2024203148	Legrand AV Inc.
2024203083	Tencent America LLC	2024203149	CONVATEC TECHNOLOGIES INC.
2024203084	University of Florida Research Foundation, Incorporated; The Regents of The University of California	2024203150	Magic Leap, Inc.
2024203085	Aristocrat Technologies, Inc.	2024203151	Xencor, Inc.
2024203086	Aristocrat Technologies, Inc.	2024203152	Graco Minnesota Inc.
2024203087	Terra Quantum AG	2024203153	Soremartec S.A.
2024203088	LG Electronics Inc.	2024203154	Natera, Inc.
2024203089	Intergraph Corporation	2024203155	Acacia Pharma Ltd
2024203090	Isgar, C.	2024203156	Arena Pharmaceuticals, Inc.
2024203091	2MT Mining Products Pty Ltd	2024203157	Getac Technology Corporation
2024203092	Vella, J.	2024203158	Techtronic Cordless GP
2024203093	Shenzhen Turier Biotech Co., Ltd.	2024203159	Techtronic Cordless GP
2024203094	MarketMakers (Aust.) Pty Ltd	2024203160	FLASH CORPORATION PTY LIMITED
2024203095	Rotacaster Wheel Pty Ltd	2024203161	SNA EUROPE INDUSTRIES IBERIA, S.A.
2024203096	Aquis Systems AG	2024203162	Sungrow Power Supply Co., Ltd.
2024203097	Yahyavi, R.	2024203171	Kling Biotherapeutics B.V.
2024203098	OXTI Pte Ltd	2024203173	Wave Life Sciences Ltd.
2024203099	Nantcell, Inc.	2024203174	Alcon Inc.
2024203100	Beckman Coulter, Inc.	2024203175	Ovenden, R.
2024203101	JIANG DONG FITTINGS EQUIPMENT CO., LTD.; Ji-angsu Zhongtian Technology Co., Ltd.	2024203176	Applikon Biotechnology B.V.
2024203102	Polaris Industries Inc.	2024203177	Gaplast GmbH
2024203103	Equifax, Inc.	2024203178	Scholar Rock, Inc.
2024203104	Bausch Health Ireland Limited	2024203179	Owens-Brockway Glass Container Inc.
2024203105	Magnolia Medical Technologies, Inc.	2024203192	Joy Global Surface Mining Inc
		2024203194	Children's Hospital Medical Center
		2024203195	Stryker Corporation

Applications Lapsed, Refused Or Withdrawn, Patents Ceased or Expired

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

The codes next to each number have the following meanings:

Code Meaning

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

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

- N Applications not Open to Public Inspection

2004

2004201818 (14)	2004201821 (14)	2004201843 (14)
2004201852 (14)	2004201860 (14)	2004201864 (14)
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2012333567 (14)	2012336142 (14)	2012342288 (14)
2012347153 (14)	2012380415 (14)	2012393038 (14)
2012393096 (14)		

2013

2022200659 (4C) 2022200711 (4C) 2022200772 (5C)
 2022201256 (5C) 2022201285 (5C) 2022201335 (5C)
 2022201361 (5C) 2022201417 (5C) 2022201449 (5C)
 2022201488 (4C) 2022201571 (5C) 2022201805 (5C)
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 2022202112 (5C) 2022202171 (5C) 2022202545 (4C)
 2022202630 (5C) 2022202704 (5C) 2022202758 (4C)
 2022202883 (5C) 2022202888 (5C) 2022203703 (4C)
 2022203922 (4C) 2022203956 (5C) 2022204041 (5C)
 2022204091 (5C) 2022204399 (5C) 2022204481 (5C)
 2022218517 (5C) 2022370440 (12C)

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2023901396 (12AN) 2023901426 (12AN) 2023901908 (12AN)

2024

2024201131 (1B) 2024201200 (1B) 2024901286 (12AN)
 2024901312 (12AN)

Assignments before Grant, Section 113

2018

2018204350 Queensland Bullbars The application has been assigned to **AutoPacific Australia Pty Ltd**

2018307011 Sanyo Electric Co., Ltd. The application has been assigned to **Panasonic Energy Co., Ltd.**

2018307012 SANYO Electric Co., Ltd. The application has been assigned to **Panasonic Energy Co., Ltd.**

2018385699 2seventy bio, Inc. The application has been assigned to **Regeneron Pharmaceuticals, Inc.**

2019

2019210999 Institut Gustave-Roussy The application has been assigned to **Centre National De La Recherche Scientifique; Institut National de la Santé Et de la Recherche Médicale; Commissariat à l'Energie Atomique et aux Energies Alternatives; Université Paris-Saclay; Institut Gustave-Roussy**

2019212752 Greyrock Energy, Inc. The application has been assigned to **Greyrock Technology, LLC**

2019279092 EndoRx, LLC; RAIJMAN, Isaac; SPRINGS, Christen The application has been assigned to **ProjectD, LLC**

2019287720 2seventy bio, Inc. The application has been assigned to **Regeneron Pharmaceuticals, Inc.**

2019312139 Momenta Pharmaceuticals, Inc.; Zhang, Zhongli; St. Louis, Gregory The application has been assigned to **Momenta Pharmaceuticals, Inc.**

2019377141 Calidi Biotherapeutics, Inc. The application has been assigned to **Calidi Biotherapeutics (Nevada), Inc.**

2019396366 Novome Biotechnologies, Inc. The application has been assigned to **Tenza, Inc.**

2019396553 2seventy bio, Inc. The application has been assigned to **Regeneron Pharmaceuticals, Inc.**

Assignments before Grant, Section 113

2019431647 Sunrise SPC Technology, LLC The application has been assigned to **I4F Licensing NV**

2019449808 Sunrise SPC Technology, LLC The application has been assigned to **I4F Licensing NV**

2020

2020267639 2seventy bio, Inc.; Inhibrx, Inc. The application has been assigned to **Regeneron Pharmaceuticals, Inc.; Inhibrx, Inc.**

2020268379 Inhibrx, Inc.; 2seventy bio, Inc. The application has been assigned to **Regeneron Pharmaceuticals, Inc.; Inhibrx, Inc.**

2020290515 Novome Biotechnologies, Inc. The application has been assigned to **Tenza, Inc.**

2020291922 2seventy bio, Inc. The application has been assigned to **Regeneron Pharmaceuticals, Inc.**

2020322038 DIG Labs Corporation The application has been assigned to **Ollie Pets Inc.**

2020344995 Small Robot Company Limited The application has been assigned to **MTI Technologies Pty Limited**

2020412166 HIFIBIO (HK) Limited The application has been assigned to **HiFiBiO, Inc.**

2021

2021206618 HIFIBIO (HK) Limited The application has been assigned to **HiFiBiO, Inc.**

2021244594 2seventy bio, Inc. The application has been assigned to **Regeneron Pharmaceuticals, Inc.**

2021255702 2seventy bio, Inc. The application has been assigned to **Regeneron Pharmaceuticals, Inc.**

2021267154 Imperial College Innovations Limited The application has been assigned to **The University Court of the University of Edinburgh**

2021273469 Barron, Annelise The application has been assigned to **Maxwell Biosciences, Inc.**

2021286651 2seventy bio, Inc. The application has been assigned to **Regeneron Pharmaceuticals, Inc.**

2021295537 BIOHORM, S.L. The application has been assigned to **Noucor Health, S.A.**

2021314627 DIG Labs Corporation The application has been assigned to **Ollie Pets Inc.**

2021330958 2SEVENTY BIO, INC. The application has been assigned to **Regeneron Pharmaceuticals, Inc.**

Assignments before Grant, Section 113

2022

2022234328 HIFIBIO (HK) LIMITED The application has been assigned to **HiFiBiO, Inc.**

2022241653 THE RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK; FERRIC CONTRAST INC. The application has been assigned to **The Research Foundation for The State University of New York**

2022269348 EXSCIENTIA AI LIMITED The application has been assigned to **CELGENE CORPORATION**

2022269883 EXSCIENTIA AI LIMITED The application has been assigned to **CELGENE CORPORATION**

2022283347 REVELSTOKE SECURITY, INC. The application has been assigned to **ARCTIC WOLF NETWORKS, INC.**

2022291453 Xolution Technology GmbH The application has been assigned to **Egnis Inc.**

2022305518 HIFIBIO (HK) LIMITED The application has been assigned to **HiFiBiO, Inc.**

2022308421 HIFIBIO (HK) LIMITED The application has been assigned to **HiFiBiO, Inc.**

2022310308 DEPUY SYNTHES PRODUCTS, INC. The application has been assigned to **Stichting IMEC of Nederland; DEPUY SYNTHES PRODUCTS, INC.**

2022310862 2SEVENTY BIO, INC. The application has been assigned to **Regeneron Pharmaceuticals, Inc.**

2022325183 VANDORF TCB1 INC. The application has been assigned to **RSG International Corp.**

2022347124 UNIVERSITY OF VIRGINIA The application has been assigned to **University of Virginia Patent Foundation**

2023

2023233067 Vandorf BT1 Inc. The application has been assigned to **RSG International Corp.**

2023274104 Shangrao Xinyuan YueDong Technology Development Co. Ltd The application has been assigned to **JINGAO SOLAR CO., LTD.**

2023902073 Reid, Terrence The application has been assigned to **CJ Reactor Pty Ltd**

2023903918 Reid, Terrence The application has been assigned to **CJ Reactor Pty Ltd**

Extensions of Time, Section 223

Applications Received

Extensions of Time, Section 223

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.

2005

2005274927 **Albany Molecular Research, Inc.** An application to extend the time from 15 Jul 2023 to 15 Mar 2024 in which to pay a renewal fee has been filed . Address for service - Phillips Ormonde Fitzpatrick L 16 333 Collins St Melbourne VIC 3000 AU

2007

2007262651 **Osmoflo Pty Ltd** An application to extend the time from 15 Jun 2023 to 15 Jan 2024 in which to pay the renewal fee has been filed . Address for service - Madderns Pty Ltd GPO Box 2752 Adelaide SA 5001 AU

2008

2008288882 **Histogenics Corporation** An application to extend the time from 20 Aug 2023 to 20 Mar 2024 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2010

2010227107 **MantaMESH Pty Ltd** An application to extend the time from 12 Oct 2023 to 12 May 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

2010305324 **Industrics Pty Ltd** An application to extend the time from 08 Oct 2023 to 08 May 2024 in which to pay a renewal fee has been filed . Address for service - LESICAR MAYNARD ANDREWS PTY LTD PO Box 2545 Kent Town SA 5071 AU

2012

2012238523 **Melema Pharma GmbH** An application to extend the time from 10 Apr 2023 to 10 May 2024 in which to pay a renewal fee has been filed . Address for service - Dark IP PO BOX 2416 Fortitude Valley BC QLD 4006 AU

2014

2014393411 **Smith, D.** An application to extend the time from 08 May 2023 to 08 Apr 2024 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2019

2019219851 **Taizhou Dingba Power Tools Co., Ltd.** An application to extend the time from 23 Aug 2023 to 23 Mar 2024 in which to pay a renewal fee has been filed . Address for service - A.P.T. Patent and Trade Mark Attorneys PO Box 833 BLACKWOOD SA 5051 AU

2019296514 **HOLMES, S.; CAMARENA-VAZQUEZ, G.** An application to extend the time from 17 Jun 2023 to 17 Sep 2024 in which to pay a continuation fee and gain acceptance has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2021

2021105458 **Guo, A.** An application to extend the time from 13 Jul 2023 to 13 Mar 2024 in which to pay a renewal fee has been filed . Address

Extensions of Time, Section 223

for service - Davies Collison Cave Pty Ltd Level 4 7 Macquarie Place Sydney NSW 2000 AU

2021261846 **Solubag SpA** An application to extend the time from 05 Sep 2023 to 05 Apr 2024 in which to pay a continuation fee has been filed . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2022

2022231679 **Cibus Europe B.V.** An application to extend the time from 03 Oct 2023 to 03 May 2024 in which to pay a continuation fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2022283443 **ZIKANI THERAPEUTICS, INC.** An application to extend the time from 28 Dec 2023 to 28 May 2024 in which to enter the National Phase has been filed . Address for service - AJ PARK PO Box 949 Wellington 6140 NZ

Applications Allowed - Section 223(2)**2020**

2020200779 **Hao, P.** The time in which to request examination has been extended to 07 Feb 2024 . Address for service - Patrick Hao PO Box 3647 Wareemba NSW 2046 AU

2022

2022273776 **SEA RAY CONSTRUCTION LLC** The time in which to enter the National Phase has been extended to 14 Feb 2024 . Address for service - GLMR PO Box Q1615 Queen Victoria Building NSW 1230 AU

2023

2023200187 **Reeves Wireline Technologies Limited** The time in which to pay a continuation fee has been extended to 07 Jan 2024 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2024

2024201305 **Beyonda Pty Ltd** The time in which to associate with a complete application has been extended to 22 Mar 2024 . Address for service - FOUNDRY INTELLECTUAL PROPERTY PTY LTD PO Box Q1466 Queen Victoria Building NSW 1230 AU

2024202546 **Strata Products Worldwide, LLC** The time in which to make a further application for a divisional patent has been extended to 04 May 2024 . Address for service - BOSH IP Pty Ltd PO Box 24035 Melbourne VIC 3001 AU

Amendments**Applications for Amendment**

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

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

2018321107 PEI particle foams for applications in aviation interiors **Evonik Operations GmbH** The nature of the amendment is as shown in the statement(s) filed 09 May 2024 . Address for service - AJ PARK PO Box 949 Wellington 6140 NZ

2018387417 Bicyclic peptide ligands specific for EphA2 **Bi-cycleTx Limited** The nature of the amendment is as shown in the statement(s) filed 15 Dec 2023 . Address for service - Allens Patent & Trade Mark Attorneys Deutsche Bank Place Corner Hunter and Phillip Streets SYDNEY NSW 2000 AU

2019

2019235819 Solid fuel gasification system **Mitsubishi Power, Ltd.** The nature of the amendment is as shown in the statement(s) filed 22 Apr 2024 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2019258175 Conveying and sorting apparatus **Daifuku Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 01 May 2024 . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2019265729 4-amino-6-(1,3-benzodioxole)picolinates and their use as herbicides **Corteva Agriscience LLC** The nature of the amendment is as shown in the statement(s) filed 29 Apr 2024 . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

2019460919 Nucleic acid sequence for detecting soybean plant DBN8002 and detection method therefor **Beijing Dabeinong Biotechnology Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 02 Apr 2024 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2020

2020202956 A SNIB **TNBT HOLDINGS PTY LTD** The nature of the amendment is as shown in the statement(s) filed 15 Apr 2024 . Address for service - Chrysilou IP Unit 1 Level 2 15 Rodborough Road Frenchs Forest NSW 2086 AU

2020342796 Audio amplifier for use with a limited power source **Genelec Oy** The nature of the amendment is as shown in the statement(s) filed 19 Apr 2024 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2021

2021277283 Dual rod implant cutter **Shukla Medical** The nature of the amendment is: Add co-inventor Servedio; Brian Joseph . Address for service - Golja Haines & Friend PO Box 1014 South Perth WA 6951 AU

2021302172 Main circuit topology structure of hybrid locomotive with constant speed generator set, and power supply method **CRRC Ziyang Co., Ltd.** The nature of the amendment is: Amend the name of the inventor to read DENG, Boyong; CHEN, Huanzhang; WANG, Yong; YANG, Deping; FENG, Kexin; MA, Xiaoyuan; YANG, Bo and LI, Ruhua .

Amendments

Address for service - Madderns Pty Ltd GPO Box 2752 Adelaide SA 5001 AU

2022

2022218607 Context-specific user interfaces **Apple Inc.** The nature of the amendment is as shown in the statement(s) filed 09 May 2024 . Address for service - FPA Patent Attorneys Pty Ltd Suite 2, Level 9 275 George Street Sydney NSW 2000 AU

2022277678 REFRIGERANT HEAT EXCHANGER WITH INTEGRAL MULTIPASS AND FLOW DISTRIBUTION TECHNOLOGY **Inter-galactic Spaceworx, LLC** The nature of the amendment is as shown in the statement(s) filed 19 Mar 2024 . Address for service - PIPERS PO Box 5298 Auckland 1141 NZ

Amendments Made

2008

2008289108 **Purdue Research Foundation** The nature of the amendment is as shown in the statement filed 09 Feb 2024

2010

2010241419 **Novartis AG** The nature of the amendment is as shown in the statement(s) filed 22 Dec 2023

2012

2012201453 **Novartis AG** The nature of the amendment is as shown in the statement(s) filed 22 Dec 2023

2017

2017224935 **The Binding Site Group Limited** The nature of the amendment is: Amend the invention title to read Improved Assay

2017268701 **VITALE, S.A.** The nature of the amendment is as shown in the statement filed 16 Apr 2024

2017268701 **VITALE, S.A.** The nature of the amendment is: Application is to proceed under the number 2017101946

2018

2018210272 **Arcus Biosciences, Inc.** The nature of the amendment is as shown in the statement(s) filed 30 Jan 2024

2018308880 **RocTool** The nature of the amendment is: Amend the name of the inventor to read FEIGENBLUM, José

2018331354 **Gimple, M.** The nature of the amendment is: Application is to proceed under the number 2018102256.

2020

2020442003 **Baili-Bio (Chengdu) Pharmaceutical Co., Ltd.** The nature of the amendment is as shown in the statement filed 08 Feb 2024

2021

2021240280 **Lynk Global, Inc.** The nature of the amendment is as shown in the statement filed 27 Sep 2023

Amendments

2021286278 **Novartis AG** The nature of the amendment is as shown in the statement(s) filed 07 Feb 2024

2021442187 **MITSUBISHI ELECTRIC CORPORATION** The nature of the amendment is: Amend the invention title to read POWER CONVERTING APPARATUS, HEAT PUMP APPARATUS, AND AIR CONDITIONER

2022

2022200265 **Ireland, D.; Majkic, B.** The nature of the amendment is: Amend the invention title to read New Building Block

2022202002 **FISHER & PAYKEL HEALTHCARE LIMITED** The nature of the amendment is: Amend the invention title to read MASK SYSTEM HEADGEAR

2022246593 **JUNO THERAPEUTICS, INC.** The nature of the amendment is: Amend the name of the inventor to read TREDE, Nikolaus Sebastian; SURYAWANSHI, Satyendra; AGRAWAL, Shrutidevi Kunjbiharilal; SRIVASTAVA, Shivani; PULHAM, Tim; DeSTEFANO, Joe; BRAND, Nicolas and DUBOWY, Ronald

2022260582 **HOT LIME LABS LIMITED** The nature of the amendment is: Amend the name of the inventor to read NUSHEH, Mohammad and FLOREZ, Santiago Rosas

2022264165 **ARCHER OILTOOLS AS** The nature of the amendment is as shown in the statement filed 08 May 2024

2022276511 **THE MEDICAL COLLEGE OF WISCONSIN, INC.; Duke University** The nature of the amendment is: Amend the name of the inventor to read RAMCHANDRAN, Ramani; RARICK, Kevin and ZEN-NADI, Rahima

2022299276 **MICROHARVEST GMBH** The nature of the amendment is: Amend the name of the inventor to read GODARD, Thibault and RIZK, Mazen

2022328342 **JANSSEN PHARMACEUTICALS, INC.; AC IMMUNE SA** The nature of the amendment is: Amend the name of the inventor to read PFEIFER, Andrea; MUHS, Andreas; GALPERN, Wendy; THEUNIS, Clara and STEUKERS, Lennert

2022330384 **FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.** The nature of the amendment is: Amend the name of the inventor to read SKUPIN, Robert; BARTNIK, Christian; WIECKOWSKI, Adam; SANCHEZ DE LA FUENTE, Yago; HELLGE, Cornelius; BROSS, Benjamin; SCHIERL, Thomas; WIEGAND, Thomas and MARPE, Detlev

2022339328 **CROSS TECHNOLOGY LABO CO.,LTD.** The nature of the amendment is as shown in the statement filed 16 Apr 2024

2022349426 **THE REGENTS OF THE UNIVERSITY OF MICHIGAN; THE UNIVERSITY OF BRITISH COLUMBIA** The nature of the amendment is: Amend the name of the inventor to read MORRISSEY, James H.; KIZHAKKEDATHU, Jayachandran N.; LA, Chanel C.; HAYNES, Charles A.; SMITH, Stephanie A. and VAPPALA, Sreeparna

2022355963 **D-AUS ENERGY STORAGE TECHNOLOGY (XI'AN) CO., LTD** The nature of the amendment is: Amend the invention title

Amendments

to read Thermal Runaway Flue Gas Treatment Apparatus for Battery, Treatment Method, Battery Group, and Battery Pack

2022358565 **YUNOVIA, CO., LTD.** The nature of the amendment is as shown in the statement(s) filed 18 Apr 2024

2022365434 **OWLSTONE MEDICAL LIMITED** The nature of the amendment is: Amend the name of the inventor to read ALLSWORTH, Max and LABUSCHAGNE, Christiaan

2022368902 **THE TRUSTEES OF INDIANA UNIVERSITY** The nature of the amendment is: Amend the name of the inventor to read PATTON, John Thomas and PHILIP, Asha Ann

2022369627 **KOBAYASHI PHARMACEUTICAL CO., LTD.** The nature of the amendment is as shown in the statement filed 29 Apr 2024

2022374955 **UNIVERSITE PARIS-SACLAY; ASSISTANCE PUBLIQUE - HÔPITAUX DE PARIS; INSERM (INSTITUT NATIONAL DE LA SANTÉ ET DE LA RECHERCHE MÉDICALE); INSTITUT GUSTAVE ROUSSY** The nature of the amendment is: Amend the invention title to read T cell immunotherapy derived from highly functional autologous stem cell memory T cells

2022376497 **HUAWEI TECHNOLOGIES CO., LTD.** The nature of the amendment is: Amend the invention title to read METHOD FOR OBTAINING DATA ANALYTICS RESULT AND COMMUNICATION APPARATUS

2022386566 **AUDAZZIO INC.** The nature of the amendment is: Amend the name of the inventor to read CHARLESWORTH, Roger; MORRIS, Shane, G., W. and SMITH, Andrew

2022389969 **GENENTECH, INC.** The nature of the amendment is as shown in the statement(s) filed 29 Apr 2024

2022392992 **HITGEN INC.; SICHUAN KELUN-BIOTECH BIOPHARMACEUTICAL CO., LTD.** The nature of the amendment is as shown in the statement filed 30 Apr 2024

2022395092 **CENTRE FOR NOVOSTICS** The nature of the amendment is as shown in the statement(s) filed 02 May 2024

2022400144 **HILTI AKTIENGESSELLSCHAFT** The nature of the amendment is: Amend the invention title to read Cartridge for a dispensing device

2022407620 **JFE STEEL CORPORATION** The nature of the amendment is: Amend the invention title to read Gas wiping nozzle and methods for manufacturing hot-dip metal-coated steel strip and gas wiping nozzle

2023

2023225429 **MITSUBISHI HEAVY INDUSTRIES, LTD.** The nature of the amendment is: Amend the invention title to read Electrolytic cell and electrolyzer

2023282649 **MITSUBISHI HEAVY INDUSTRIES THERMAL SYSTEMS, LTD.** The nature of the amendment is: Amend the invention title to read COMPRESSOR AND METHOD FOR DESIGNING THE SAME

Amendments

2024

2024900917 **Fonseca, C.; Agarwal, P.; Green, C.; TheiaNova Limited** The nature of the amendment is: Amend the invention title to read OPHTHALMIC METHOD

2024901155 **Laundry Automation IP Pty Ltd** The nature of the amendment is: Amend the invention title to read Items sorting system and method

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

2005

2005323228 Cree, Inc. The name of the patentee has been altered to **Wolfspeed, Inc.**

2015

2015240681 Special Metals Corporation The name of the patentee has been altered to **Special Metals LLC**

2018

2018281313 Verrica Pharmaceuticals, Inc. The name of the applicant has been altered to **Verrica Pharmaceuticals Inc.**

2019

2019220211 Huntsman Textile Effects (Switzerland) GmbH The name of the applicant has been altered to **Archroma (Switzerland) GmbH**

2019309523 Serina Therapeutics, Inc. The name of the applicant has been altered to **Serina Therapeutics (AL), Inc.**

2019382955 Synpromics Limited The name of the applicant has been altered to **ASKBIO UK LTD**

2020

2020231396 Genome Opinion, Inc. The name of the applicant has been altered to **NOBO Medicine Inc.**

2020232957 Fermata, LLC The name of the applicant has been altered to **FERMATA ENERGY LLC**

2020283757 Primordial Genetics Inc. The name of the applicant has been altered to **Primrose Bio, Inc.**

2020301324 Serina Therapeutics, Inc. The name of the applicant has been altered to **Serina Therapeutics (AL), Inc.**

2020319665 Kraftanlagen München GmbH The name of the applicant has been altered to **Kraftanlagen Energies & Services SE**

2020400007 Thales Management & Services Deutschland GmbH The name of the applicant has been altered to **GTS Deutschland GmbH**

2021

2021244275 Freudenberg Oil & Gas, LLC The name of the applicant has been altered to **Freudenberg Flow Technologies LLC.**

Amendments

2021268992 Kraftanlagen München GmbH The name of the applicant has been altered to **Kraftanlagen Energies & Services SE**

2022

2022219902 Serina Therapeutics, Inc. The name of the applicant has been altered to **Serina Therapeutics (AL), Inc.**

2022248735 Emergence Therapeutics GmbH; UNIVERSITE D'AIX-MARSEILLE; INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE); CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE - CNRS; INSTITUT JEAN PAOLI & IRENE CALMETTES The name of the applicant has been altered to **Emergence Therapeutics GmbH; UNIVERSITE D'AIX-MARSEILLE; INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE); CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE - CNRS; INSTITUT JEAN PAOLI & IRENE CALMETTES**

2022250867 EMERGENCE THERAPEUTICS AG; UNIVERSITE D'AIX-MARSEILLE; INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE); INSTITUT JEAN PAOLI & IRENE CALMETTES; CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE - CNRS - The name of the applicant has been altered to **Emergence Therapeutics GmbH; UNIVERSITE D'AIX-MARSEILLE; INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE); INSTITUT JEAN PAOLI & IRENE CALMETTES; CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE - CNRS -**

2022260554 INSUSENSE APS The name of the applicant has been altered to **Vesper Bio ApS**

2022275011 INSUSENSE APS The name of the applicant has been altered to **Vesper Bio ApS**

2022276511 THE MEDICAL COLLEGE OF WISCONSIN, INC. The name of the applicant has been altered to **THE MEDICAL COLLEGE OF WISCONSIN, INC.; Duke University**

2022283806 GLAXOSMITHKLINE CONSUMER HEALTHCARE HOLDINGS (US) LLC The name of the applicant has been altered to **Haleon US Holdings LLC**

2022328756 CORONAVAX, LLC The name of the applicant has been altered to **Coronavax Inc.**

2022334800 OSIVAX; OSIVAX The name of the applicant has been altered to **Osivax Belgique; OSIVAX**

2022339056 INSUSENSE APS The name of the applicant has been altered to **Vesper Bio ApS**

2022367359 UNIFIED BRANDS, INC. The name of the applicant has been altered to **Electrolux Professional, Inc.**

2023

2023901520 Maction Pty Ltd The name of the applicant has been altered to **Neumo Tech Pty Ltd**

2023901701 Messy Little Hands Pty Ltd The name of the applicant has been altered to **MYBANDI.CO Pty Ltd**

Amendments

2024

2024202051 Concert Pharmaceuticals Inc. The name of the applicant has been altered to **Sun Pharmaceutical Industries, Inc.**

2024900917 Fonesca, Carissa Grace; Agarwal, Priyanka; Green, Colin; TheiaNova Limited The name of the applicant has been altered to **Fonseca, C.; Agarwal, P.; Green, C.; TheiaNova Limited**

2024901129 Steven Peter Altair The name of the applicant has been altered to **Eurospares Depot Holdings Pty Ltd**

Applications Open to Public Inspection

Name Index

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

<p>(71) 360 TWO Pty Ltd (11) AU-A-2023263489 (21) 2023263489 (22) 08.11.2023 (54) ELECTRICAL CONNECTOR ASSEMBLY (51) Int. Cl. H01R 13/436 (2006.01) H01R 13/187 (2006.01) H01R 13/426 (2006.01) H01R 13/629 (2006.01) (31) 2022903338 (32) 08.11.22 (33) AU (43) 23.05.2024 (72) Dan ZYLINSKI; Bradley John McCloy (74) Adams Pluck</p>	<p>(43) 23.05.2024 (72) Gandelsman, Yosef; Park, Taesung; Zhang, Richard; Shechtman, Elya (74) RnB IP Pty Ltd</p> <p>(71) Adobe Inc. (11) AU-A-2023226771 (21) 2023226771 (22) 08.09.2023 (54) GUIDED COMODGAN OPTIMIZATION (51) Int. Cl. G06T 5/00 (2006.01) G06N 3/08 (2023.01) G06V 40/16 (2022.01) H04N 19/17 (2014.01) (31) 18/053,641 (32) 08.11.22 (33) US (43) 23.05.2024 (72) Azizi, Zohreh; Sinha, Surabhi; Khodadadeh, Siavash (74) RnB IP Pty Ltd</p> <p>(71) AdvanSix Resins & Chemicals LLC (11) AU-A-2024202898 (21) 2024202898 (22) 02.05.2024 (54) Surfactants for cleaning products (51) Int. Cl. C11D 1/62 (2006.01) C11D 1/46 (2006.01) C11D 1/75 (2006.01) C11D 1/92 (2006.01) C11D 10/04 (2006.01) D06L 1/04 (2006.01) (43) 23.05.2024 (62) 2021232892 (72) ASIRVATHAM, Edward (74) Davies Collison Cave Pty Ltd</p> <p>Akulshin, R. see Sullivan, D. (21) 2024202957</p> <p>(71) Alcon Inc. (11) AU-A-2024202848 (21) 2024202848 (22) 01.05.2024 (54) INTRAOCULAR LENSES AND METHODS OF ACCOUNTING FOR CAPSULE SIZE VARIABILITY AND POST-IMPLANT CHANGES IN THE EYE (51) Int. Cl. A61F 2/16 (2006.01) A61F 9/00 (2006.01) (43) 23.05.2024 (62) 2022203260 (72) Argento, Claudio; Smiley, Terah Whiting; Flaherty, Bryan Patrick; Cheskin, Barry (74) PHILLIPS ORMONDE FITZPATRICK</p> <p>(71) Alkermes Pharma Ireland Limited (11) AU-A-2022263543 (21) 2022263543 (22) 03.11.2022</p>	<p>(54) Pharmaceutical compositions comprising sorbitan esters (51) Int. Cl. A61K 31/496 (2006.01) A61K 9/00 (2006.01) A61K 47/26 (2006.01) A61K 47/54 (2017.01) (43) 23.05.2024 (72) HICKEY, Megali B.; PERRY, Jason M.; DEAVER, Daniel R.; REMENAR, Julius F.; VANDIVER, Jennifer (74) Davies Collison Cave Pty Ltd</p> <p>(71) AL-SAAD, H. (11) AU-A-2024202838 (21) 2024202838 (22) 30.04.2024 (54) MECHANICALLY OPERATED DEVICE (51) Int. Cl. A61B 17/29 (2006.01) A61B 17/00 (2006.01) (43) 23.05.2024 (62) 2022355491 (72) AL-SAAD, Hassan (74) Baxter Patent Attorneys Pty Ltd</p> <p>(71) Anavex Life Sciences Corp. (11) AU-A-2024202998 (21) 2024202998 (22) 07.05.2024 (54) Sigma-1 receptor agonist systolic blood pressure therapy (51) Int. Cl. C07D 307/14 (2006.01) A61K 31/13 (2006.01) A61K 31/341 (2006.01) (43) 23.05.2024 (62) 2023203356 (72) MISSLING, Christopher U. (74) FB Rice Pty Ltd</p> <p>(71) ANDREEV, P.R. (11) AU-A-2023206149 (21) 2023206149 (22) 19.07.2023 (54) SYSTEM FOR VISUALISING IMAGE (VARIANTS), METHOD FOR VISUALISING IMAGE (VARIANTS) AND UNMANNED AERIAL VEHICLE (51) Int. Cl. G06F 3/14 (2006.01) B64C 39/02 (2023.01) G05D 1/46 (2024.01) (31) 2022129081 (32) 09.11.22 (33) RU (43) 23.05.2024 (72) ANDREEV, Pavel Ruslanovich (74) James & Wells Intellectual Property</p> <p>(71) Apple Inc. (11) AU-A-2024202935 (21) 2024202935 (22) 03.05.2024 (54) Devices and methods for measuring using augmented reality</p>
<p>(71) Adobe Inc. (11) AU-A-2023216880 (21) 2023216880 (22) 18.08.2023 (54) BINDING DATA TO GRAPHIC OBJECTS USING A VISUAL INDICATOR (51) Int. Cl. G06F 3/0484 (2022.01) G06F 3/041 (2006.01) G06F 3/04883 (2022.01) G06T 5/00 (2006.01) G06T 11/00 (2006.01) (31) 17/980,480 (32) 03.11.22 (33) US (43) 23.05.2024 (72) Baranovskiy, Dmytro; Kerr, Bernard; Farrell, Benjamin (74) RnB IP Pty Ltd</p> <p>(71) Adobe Inc. (11) AU-A-2023226755 (21) 2023226755 (22) 08.09.2023 (54) SINGLE IMAGE CONCEPT ENCODER FOR PERSONALIZATION USING A PRETRAINED DIFFUSION MODEL (51) Int. Cl. G06T 5/50 (2006.01) G06T 11/60 (2006.01) H04N 19/46 (2014.01) (31) 18/053,450 (32) 08.11.22 (33) US (43) 23.05.2024 (72) Ghadar, Shabnam; Motiian, Saeid (74) RnB IP Pty Ltd</p> <p>(71) Adobe Inc. (11) AU-A-2023226758 (21) 2023226758 (22) 08.09.2023 (54) EMBEDDING AN INPUT IMAGE TO A DIFFUSION MODEL (51) Int. Cl. G06T 5/50 (2006.01) G06N 20/00 (2019.01) G06T 11/60 (2006.01) (31) 18/053,556 (32) 08.11.22 (33) US</p>	<p>(71) Adobe Inc. (11) AU-A-2023226758 (21) 2023226758 (22) 08.09.2023 (54) EMBEDDING AN INPUT IMAGE TO A DIFFUSION MODEL (51) Int. Cl. G06T 5/50 (2006.01) G06N 20/00 (2019.01) G06T 11/60 (2006.01) (31) 18/053,556 (32) 08.11.22 (33) US</p>	<p>(71) Apple Inc. (11) AU-A-2024202935 (21) 2024202935 (22) 03.05.2024 (54) Devices and methods for measuring using augmented reality</p>

Applications Open to Public Inspection - Name Index cont'd

(51) Int. Cl.
G06F 3/01 (2006.01)
(43) 23.05.2024
(62) 2022231686
(72) DRYER, Allison W.; PAUL, Grant R.;
 DASCOLA, Jonathan R.; FAULKNER,
 Jeffrey M.; FORSELL, Lisa K.;
 GOULDING, Andrew H.; LEMAY,
 Stephen O.; LYONS, Richard D.;
 YERKES, Giancarlo; NORRIS, Jeffrey
 S.; DA VIEGA, Alexandre
(74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
(11) AU-A-2024202936
(21) 2024202936 **(22)** 03.05.2024
(54) Device, method, and graphical user in-
 terface for managing concurrently open
 software applications
(51) Int. Cl.
G06F 3/0488 (2022.01)
(43) 23.05.2024
(62) 2023201816
(72) CHAUDHRI, Imran
(74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
(11) AU-A-2024203010
(21) 2024203010 **(22)** 07.05.2024
(54) Gesture based graphical user interface
 for managing concurrently open soft-
 ware applications
(51) Int. Cl.
G06F 9/44 (2018.01)
G06F 3/048 (2013.01)
(43) 23.05.2024
(62) 2022215067
(72) CHAUDHRI, Imran
(74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
(11) AU-A-2024203021
(21) 2024203021 **(22)** 08.05.2024
(54) Displaying options, assigning notifica-
 tion, ignoring messages, and simultan-
 eous user interface displays in a mes-
 saging application
(51) Int. Cl.
G06F 3/0482 (2013.01)
G06F 3/0488 (2022.01)
G06Q 10/10 (2023.01)
H04L 12/58 (2006.01)
H04M 1/725 (2021.01)
(43) 23.05.2024
(62) 2022205156
(72) YANG, Lawrence Y.; LEMAY, Stephen
 O.; JON, Tiffany S.
(74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
(11) AU-A-2024203043
(21) 2024203043 **(22)** 08.05.2024
(54) Physical activity and workout monitor
(51) Int. Cl.
G06F 19/00 (2018.01)

(43) 23.05.2024
(62) 2023237090
(72) Blahnik, Jay; Butcher, Gary Ian; Chen,
 Kevin Will; Graham, David Chance;
 Keen, Daniel S.; Rushing, Justin
 Shane; Shortlidge, T. Allan; Davydov,
 Anton M.; Dye, Alan C.; Ive, Jonathan
 P.; Kennedy, Zachery; Minjack, Zach-
 ury; Park, Dennis S.; Schmitt, Brian;
 Lynch, Kevin
(74) FPA Patent Attorneys Pty Ltd

(71) Aqua View Inc.
(11) AU-A-2024203051
(21) 2024203051 **(22)** 08.05.2024
(54) Water conserving shower system and
 thermochromic fixtures used therein
(51) Int. Cl.
E03C 1/04 (2006.01)
E03C 1/02 (2006.01)
E03C 1/044 (2006.01)
(43) 23.05.2024
(62) 2021290417
(72) SEARCY, Gus
(74) Spruson & Ferguson

(71) Aristocrat Technologies, Inc.
(11) AU-A-2023258437
(21) 2023258437 **(22)** 03.11.2023
(54) IMPROVED SPIN REQUEST WORK-
 FLOW FOR A HOSTED GAMING EN-
 VIRONMENT
(51) Int. Cl.
G07F 17/32 (2006.01)
A63F 13/35 (2014.01)
A63F 13/79 (2014.01)
(31) 18/053,704 **(32)** 08.11.22 **(33)** US
(43) 23.05.2024
(72) Samuel Ralston; Jody Brown; Marty
 Rampton; Jeffrey Conradi; Matthieu
 LABBAT; Jeffrey Simpson
(74) James & Wells Intellectual Property

(71) Assa Abloy AB
(11) AU-A-2024202904
(21) 2024202904 **(22)** 02.05.2024
(54) Visually impaired mode keypad
(51) Int. Cl.
G06F 3/0488 (2022.01)
G06F 3/023 (2006.01)
G09B 21/00 (2006.01)
(43) 23.05.2024
(62) 2021207305
(72) GIBBINS, David; SMITH, Greg
(74) Davies Collison Cave Pty Ltd

(71) Auf, W.
(11) AU-A-2022348885
(21) 2022348885 **(22)** 07.11.2022
(54) Apparatus For Treating A Fracture Of A
 Bone
(51) Int. Cl.
A61B 17/86 (2006.01)
(43) 23.05.2024
(72) AUF, Wolfgang
(74) Chrysiliou IP

(71) Aurinia Pharmaceuticals Inc.
(11) AU-A-2024202977
(21) 2024202977 **(22)** 06.05.2024
(54) Improved protocol for treatment of
 lupus nephritis
(51) Int. Cl.
A61K 38/13 (2006.01)
A61P 13/12 (2006.01)
C07K 7/64 (2006.01)
G01N 33/48 (2006.01)
(43) 23.05.2024
(62) 2018266850
(72) Solomons, Neil; Huizinga, Robert B.
(74) Griffith Hack

(71) Australian Valve Group Pty Ltd
(11) AU-A-2022263611
(21) 2022263611 **(22)** 04.11.2022
(54) Valve
(51) Int. Cl.
F16K 15/18 (2006.01)
F16K 1/14 (2006.01)
F16K 15/02 (2006.01)
(43) 23.05.2024
(72) Morris, Peter John; Ullrot, Marcus Eric
(74) Origin Patent and Trade Mark Attorneys

(71) BASF Corporation
(11) AU-A-2024202925
(21) 2024202925 **(22)** 02.05.2024
(54) Pest monitoring system with conductive
 electrodes
(51) Int. Cl.
A01M 31/00 (2006.01)
A01M 1/02 (2006.01)
(43) 23.05.2024
(62) 2018297307
(72) AUSTIN, James W.; LEICHTER,
 Cheryl Ann; STOREY, Greggory Keith;
 BROWN, Kenneth Scott; THOMPSON,
 Gregory Kent; RANCOUR II, Thomas
 S.; SLOPER, Timothy Robert
(74) Griffith Hack

**BEIJING CCRI-TIANMA AUTOMATION
 TECHNOLOGY CO., LTD. see CCTEG
 BEIJING TIANMA INTELLIGENT CONTROL
 TECHNOLOGY CO., LTD.**
(21) 2023263510

(71) Beijing Roborock Technology Co., Ltd
(11) AU-A-2024202597
(21) 2024202597 **(22)** 19.04.2024
(54) Cleaning device
(51) Int. Cl.
H04N 23/00 (2023.01)
A47L 11/40 (2006.01)
B60Q 1/24 (2006.01)
F21V 33/00 (2006.01)
G03B 29/00 (2021.01)
G03B 30/00 (2021.01)
H04N 23/70 (2023.01)
H04N 23/74 (2023.01)
B60Q 1/00 (2006.01)
F21V 23/04 (2006.01)
H05B 47/11 (2020.01)

Applications Open to Public Inspection - Name Index cont'd

(43) 23.05.2024
 (62) 2022211887
 (72) YU, Guang; PENG, Song; WANG, Xiaoliang
 (74) Allens Patent & Trade Mark Attorneys

(71) Bendix Commercial Vehicle Systems LLC

(11) AU-A-2024203020
 (21) 2024203020 (22) 08.05.2024
 (54) Electronic park brake interface module, park brake controller and system
 (51) Int. Cl.
B60T 7/08 (2006.01)
B60T 17/22 (2006.01)
G05G 1/02 (2006.01)

(43) 23.05.2024
 (62) 2018337657
 (72) ZULA, Daniel P; KHADABADI, Madhur; KROMER, Mark J; HUTCHINS, Christopher H; SHEIKH-BAHAIE, Kian; CELLURA, Daniel; BURNS, Linda J
 (74) Spruson & Ferguson

(71) Bio-Thera Solutions, Ltd.
 (11) AU-A-2024203006
 (21) 2024203006 (22) 07.05.2024

(54) Recombinant antibody having unique glycan profile produced by CHO host cell with edited genome and preparation method thereof

(51) Int. Cl.
C12N 9/10 (2006.01)
C07K 16/28 (2006.01)
C07K 16/30 (2006.01)
C12N 5/10 (2006.01)
C12N 9/22 (2006.01)
C12N 15/54 (2006.01)
C12N 15/55 (2006.01)
C12R 1/91 (2006.01)

(43) 23.05.2024
 (62) 2018315371
 (72) QIN, Chao; ZHOU, Yuanqing; XIAO, Cuizhen
 (74) FPA Patent Attorneys Pty Ltd

(71) Blackhawk Network, Inc.
 (11) AU-A-2024202927
 (21) 2024202927 (22) 03.05.2024
 (54) Computer-based data collection, management, and forecasting
 (51) Int. Cl.
G06Q 10/04 (2023.01)

(43) 23.05.2024
 (62) 2022201784
 (72) GJERDE, Anders R.; PALARCA, William; MYERS, Rick; TAMANO, Calvin; FANUCCHI, Charissa; ELAHI, Peggah; QASIMI, Zohra; LAGUNA, Gemma Asin; HANCOCK, Valerie R.
 (74) Davies Collison Cave Pty Ltd

(71) Block, Inc.
 (11) AU-A-2024202880
 (21) 2024202880 (22) 01.05.2024
 (54) Raw sensor input encryption for passcode entry security

(51) Int. Cl.
G06F 21/30 (2013.01)
 (43) 23.05.2024
 (62) 2022204797
 (72) QUIGLEY, Oliver S. C.; MCCAULEY, Nathan P.; ADAMS, David C.; EDWARDS, Troy J.; SKOOG, Lukas C.; PAULL, Jonathan D.
 (74) FB Rice Pty Ltd

(71) Boehringer Ingelheim International GmbH
 (11) AU-A-2024203045
 (21) 2024203045 (22) 08.05.2024
 (54) New combination of active agents for the treatment of Progressive Fibrosing Interstitial Lung Diseases (PF-ILD)

(51) Int. Cl.
A61K 31/505 (2006.01)
A61K 31/519 (2006.01)
A61P 11/00 (2006.01)
 (43) 23.05.2024
 (62) 2018357775
 (72) HERRMANN, Franziska Elena; NICK-OLAUS, Peter; WOLLIN, Stefan Ludwig Michael
 (74) Spruson & Ferguson

(71) Boris Fridman-Mintz
 (11) AU-A-2024202857
 (21) 2024202857 (22) 01.05.2024
 (54) Synthesis of human-uttered harmonic sounds

(51) Int. Cl.
G10L 15/187 (2013.01)
G10L 15/20 (2006.01)
G10L 21/0232 (2013.01)
G10L 21/0264 (2013.01)
G10L 25/78 (2013.01)
 (43) 23.05.2024
 (62) 2022278011
 (72) FRIDMAN-MINTZ, Boris
 (74) FB Rice Pty Ltd

(71) Braincare Desenvolvimento E Inovação Tecnológica S.A.

(11) AU-A-2024202896
 (21) 2024202896 (22) 02.05.2024
 (54) METHOD AND SYSTEM FOR NON-INVASIVE MANAGEMENT AND MONITORING OF INTRACRANIAL PRESSURE AND A DEVICE FOR MEASURING OF A SKULL VOLUMETRIC VARIATION

(51) Int. Cl.
A61B 5/03 (2006.01)
A61B 5/00 (2006.01)

(43) 23.05.2024
 (62) 2018360391
 (72) Andrade, Rodrigo De Albuquerque Pacheco; Oliveira, Sergio Mascarenhas
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) BrightSeed, Inc.
 (11) AU-A-2024203050
 (21) 2024203050 (22) 08.05.2024
 (54) Composition for modulating metabolism

(51) Int. Cl.
A61K 31/715 (2006.01)
A61K 36/185 (2006.01)
A61P 3/06 (2006.01)

(43) 23.05.2024
 (62) 2019207731
 (72) CHAE, Lee Heil
 (74) Spruson & Ferguson

(71) BROLOCK PTY LTD
 (11) AU-A-2024202888
 (21) 2024202888 (22) 01.05.2024

(54) A HINGE
 (51) Int. Cl.
E05F 3/20 (2006.01)
E05D 3/00 (2006.01)
E05D 3/02 (2006.01)
E05F 1/08 (2006.01)
E05F 1/12 (2006.01)
E05F 3/10 (2006.01)

(43) 23.05.2024
 (62) 2021286301
 (72) MURAUER, Michael Josef
 (74) Adams Pluck

(71) Bruin Biometrics LLC
 (11) AU-A-2024202995
 (21) 2024202995 (22) 06.05.2024
 (54) Apparatus and methods for determining damaged tissue using sub-epidermal moisture measurements

(51) Int. Cl.
A61B 5/04 (2006.01)
A61B 5/0408 (2006.01)
A61B 5/05 (2021.01)
A61B 5/053 (2021.01)
A61B 18/18 (2006.01)

(43) 23.05.2024
 (62) 2022206726
 (72) TONAR, Ya-Chen; RHODES, Shannon; CLENDENIN, Marta; BURNS, Martin; JARADEH, Kindah
 (74) Spruson & Ferguson

(71) Bullfrog International, LC.
 (11) AU-A-2023263438
 (21) 2023263438 (22) 07.11.2023
 (54) SYSTEMS AND METHODS FOR A SPA JET SELECTIVELY ADJUSTABLE ALONG A WIDTH

(51) Int. Cl.
A61H 33/02 (2006.01)
 (31) 17/981,880 (32) 07.11.22 (33) US

(43) 23.05.2024
 (72) Christopher Kamerath; Eric Hales; Todd Anderson; Michael Andersen
 (74) Dentons Patent Attorneys Australasia Limited

(71) Bullfrog International, LC.
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 (21) 2023263499 (22) 09.11.2023
 (54) SYSTEMS AND METHODS FOR WIRED LIGHTING FOR A SPA

(51) Int. Cl.
E04H 4/14 (2006.01)
 (31) 17/983,964 (32) 09.11.22 (33) US

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 (74) Dentons Patent Attorneys Australasia Limited
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 (21) 2024202846 (22) 01.05.2024
 (54) COMPOSITIONS AND METHODS FOR INDUCING HUMORAL AND CELLULAR IMMUNITIES AGAINST TUMORS AND CANCER
- (51) Int. Cl.
A61K 39/00 (2006.01)
A61K 39/395 (2006.01)
C07K 14/00 (2006.01)
- (43) 23.05.2024
 (62) 2018283284
 (72) SUTTON, Lynda; SMITH, Jill P.; OSBORNE, Nicholas; HUBER, Brian E.; CATO, Allen
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
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- (71) CCTEG BEIJING TIANMA INTELLIGENT CONTROL TECHNOLOGY CO., LTD.; BEIJING CCRI-TIANMA AUTOMATION TECHNOLOGY CO., LTD.
 (11) AU-A-2023263510
 (21) 2023263510 (22) 09.11.2023
 (54) CONNECTION SOCKET, CONNECTION PLUG AND QUICK PLUG CONNECTOR FOR MINING
- (51) Int. Cl.
H01R 13/622 (2006.01)
H01R 13/22 (2006.01)
H01R 24/20 (2011.01)
- (31) 2022229886129 (32) 09.11.22 (33) CN
 (43) 23.05.2024
 (72) Yanfei Li; Zaifeng Li; Minyong Gu; Junwei Liu
 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) CFPH, LLC
 (11) AU-A-2024202847
 (21) 2024202847 (22) 01.05.2024
 (54) FANTASY GAMING
- (51) Int. Cl.
A63F 13/30 (2014.01)
A63F 13/45 (2014.01)
A63F 13/828 (2014.01)
- (43) 23.05.2024
 (62) 2022201177
 (72) Amaitis, Lee; Holt, Matthew; Singleton, Quinton; Epstein, Ian
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) Chevron Oronite Company LLC
 (11) AU-A-2024203007
 (21) 2024203007 (22) 07.05.2024
 (54) Lubricating oil composition
- (51) Int. Cl.
C10M 171/02 (2006.01)
C10M 101/02 (2006.01)
C10N 20/02 (2006.01)
C10N 30/02 (2006.01)
- C10N 30/08* (2006.01)
C10N 40/02 (2006.01)
C10N 40/04 (2006.01)
C10N 40/25 (2006.01)
- (43) 23.05.2024
 (62) 2018292642
 (72) PALAZZOTTO, John Dominic; BROWN, Martin Joseph
 (74) FPA Patent Attorneys Pty Ltd
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- (71) China University of Mining and Technology
 (11) AU-A-2023237122
 (21) 2023237122 (22) 28.09.2023
 (54) HYDRAULIC CONTROL SYSTEM AND METHOD FOR FULLY AUTONOMOUS LOADING AND UNLOADING OF DRILLING TOOLS OF ANTI-IMPACT DRILLING ROBOT
- (51) Int. Cl.
E21B 44/00 (2006.01)
E21B 19/00 (2006.01)
F15B 9/08 (2006.01)
F15B 15/00 (2006.01)
F15B 18/00 (2006.01)
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 (43) 23.05.2024
 (72) Wang, Zhongbin; Si, Lei; Gu, Jinheng; Yan, Haifeng; Wei, Dong; Tan, Chao; Dai, Jianbo; Zou, Xiaoyu
 (74) Alder IP Pty Ltd
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- (71) CinDome Pharma, Inc.
 (11) AU-A-2024202861
 (21) 2024202861 (22) 01.05.2024
 (54) Formulations containing domperidone
- (51) Int. Cl.
A61K 31/454 (2006.01)
A61P 1/08 (2006.01)
- (43) 23.05.2024
 (62) 2019368098
 (72) PATEL, Piyush; PEARCE, Catherine; ISAACSOHN, Jonathan
 (74) ALLENS PATENT & TRADE MARK ATTORNEYS
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- (71) Cirkul, Inc.
 (11) AU-A-2024202854
 (21) 2024202854 (22) 01.05.2024
 (54) ADDITIVE DELIVERY CONTROL SYSTEMS AND METHODS
- (51) Int. Cl.
A47J 43/27 (2006.01)
- (43) 23.05.2024
 (62) 2018225178
 (72) Waggoner, Garrett S.; Gay, Andrew J.; Baarman, David W.
 (74) Murray Trento & Associates Pty Ltd
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- (71) ConMed Corporation
 (11) AU-A-2024202863
 (21) 2024202863 (22) 01.05.2024
 (54) SOFT TISSUE CUTTING INSTRUMENT WITH SELF LOCKING, MULTI-POSITION, AND SLIDE BUTTON LINEARLY ACTUATED RETRACTABLE BLADE OR HOOK
- (51) Int. Cl.
A61B 17/32 (2006.01)
A61B 17/00 (2006.01)
A61B 17/3209 (2006.01)
A61B 17/3211 (2006.01)
A61B 90/00 (2016.01)
F16H 27/06 (2006.01)
H01H 3/44 (2006.01)
- (43) 23.05.2024
 (62) 2022205211
 (72) WILLARD, Benjamin
 (74) Griffith Hack
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- (71) Consolidated Metco, Inc.
 (11) AU-A-2024201989
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 (54) WHEEL HUB
- (51) Int. Cl.
B60C 23/04 (2006.01)
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 (62) 2022201234
 (72) CARR, Alan
 (74) Murray Trento & Associates Pty Ltd
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- (71) Cooke, K.
 (11) AU-A-2023202170
 (21) 2023202170 (22) 09.04.2023
 (54) Compostable Facemask
- (51) Int. Cl.
A41D 13/11 (2006.01)
A62B 23/02 (2006.01)
- (31) 20222900948 (32) 10.04.22 (33) AU
 (43) 23.05.2024
 (72) Cooke, Kaitlyn
 (74) MEYER WEST IP
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- (71) Covco (H.K.) Limited
 (11) AU-A-2024203023
 (21) 2024203023 (22) 08.05.2024
 (54) Ambidextrous fish scale-textured glove
- (51) Int. Cl.
A41D 19/04 (2006.01)
B29C 41/14 (2006.01)
B29C 41/22 (2006.01)
- (43) 23.05.2024
 (62) 2022201607
 (72) FURLONG, John Joseph
 (74) Spruson & Ferguson
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 (21) 2024202957
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- (71) DAZLM PTY LTD
 (11) AU-A-2023251405
 (21) 2023251405 (22) 16.10.2023
 (54) Drill casing cutter
- (51) Int. Cl.
E21B 29/00 (2006.01)
B23D 57/02 (2006.01)
B27B 17/00 (2006.01)
- (31) 2022903325 (32) 07.11.22 (33) AU
 (43) 23.05.2024
 (72) MAZZURRA, Adrian; DU PREEZ, Raymond
 (74) FB Rice Pty Ltd

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 (11) AU-A-2023251407
 (21) 2023251407 (22) 16.10.2023
 (54) Drill bit changing carousel
 (51) Int. Cl.
E21B 19/18 (2006.01)
E21B 7/02 (2006.01)
E21B 19/14 (2006.01)
E21B 10/00 (2006.01)
 (31) 2022903326 (32) 07.11.22 (33) AU
 (43) 23.05.2024
 (72) MAZZURRA, Adrian; DU PREEZ, Raymond
 (74) FB Rice Pty Ltd

(71) DAZLM PTY LTD
 (11) AU-A-2023251408
 (21) 2023251408 (22) 16.10.2023
 (54) Drill rod feeder
 (51) Int. Cl.
E21B 7/02 (2006.01)
E21B 19/08 (2006.01)
E21B 19/15 (2006.01)
 (31) 2022903327 (32) 07.11.22 (33) AU
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 (72) MAZZURRA, Adrian; PETTITT, James
 (74) FB Rice Pty Ltd

(71) DAZLM PTY LTD
 (11) AU-A-2023251409
 (21) 2023251409 (22) 16.10.2023
 (54) Drill rod and drill casing manipulation systems
 (51) Int. Cl.
E21B 19/15 (2006.01)
 (31) 2022903328 (32) 07.11.22 (33) AU
 (43) 23.05.2024
 (72) MAZZURRA, Adrian; MCLEOD, Matthew
 (74) FB Rice Pty Ltd

(71) Deere & Company
 (11) AU-A-2023226716
 (21) 2023226716 (22) 07.09.2023
 (54) Air seeder pneumatic control system
 (51) Int. Cl.
A01C 7/08 (2006.01)
A01C 7/06 (2006.01)
A01C 7/10 (2006.01)
A01C 7/16 (2006.01)
A01C 7/20 (2006.01)
G01F 1/66 (2022.01)
G01F 23/00 (2022.01)
 (31) 17/981782 (32) 07.11.22 (33) US
 (43) 23.05.2024
 (72) Harmon, Andrew W.
 (74) Davies Collison Cave Pty Ltd

(71) Deere & Company
 (11) AU-A-2023226728
 (21) 2023226728 (22) 07.09.2023
 (54) Linkage assembly for construction machine
 (51) Int. Cl.
E02F 3/34 (2006.01)
E02F 3/42 (2006.01)
 (31) 17/979900 (32) 03.11.22 (33) US

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 (72) Kumbhar, Nilesh; Graham, Brett S.; Villar, Eric; Wuisan, Giovanni A.
 (74) Davies Collison Cave Pty Ltd

(71) Deere & Company
 (11) AU-A-2023226730
 (21) 2023226730 (22) 07.09.2023
 (54) Work vehicle guidance and/or automation of turns with respect to a restricted boundary of a work area
 (51) Int. Cl.
B60W 30/095 (2012.01)
B60W 30/10 (2006.01)
B60W 60/00 (2020.01)
G05D 1/00 (2006.01)
 (31) 17/983503 (32) 09.11.22 (33) US
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 (72) Subramanian, Shriram Prabu; Poduval, Manu; Gurnani, Divya; Majhi, Souvik; Schaefer, Simon W.
 (74) Davies Collison Cave Pty Ltd

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 (11) AU-A-2023251446
 (21) 2023251446 (22) 18.10.2023
 (54) Downhole apparatus and methods
 (51) Int. Cl.
E21B 33/14 (2006.01)
E21B 17/18 (2006.01)
E21B 43/10 (2006.01)
 (31) 2216431.3 (32) 04.11.22 (33) GB
 (43) 23.05.2024
 (72) HORN, Tristram Paul; BRUCE, Stephen Edmund; SHAND, David Michael
 (74) Spruson & Ferguson

(71) DRAEGER SAFETY AG & CO. KGAA
 (11) AU-A-2024202878
 (21) 2024202878 (22) 01.05.2024
 (54) SAFETY HELMET WITH AN INTERMEDIATE PIECE FOR CHANGING THE CENTER OF GRAVITY AND ARRANGEMENTS COMPRISING SUCH A SAFETY HELMET AND TWO ALTERNATIVE INTERMEDIATE PIECES
 (51) Int. Cl.
A42B 3/14 (2006.01)
A42B 3/04 (2006.01)
A42B 3/08 (2006.01)
 (43) 23.05.2024
 (62) 2023202307
 (72) TOLK, Siegbert; RAHMATYAN, Jasser
 (74) Oxygene IP

(71) Duracell U.S. Operations, Inc.
 (11) AU-A-2024202823
 (21) 2024202823 (22) 30.04.2024
 (54) BATTERY INCLUDING BETA-DE-LITHIATED LAYERED NICKEL OXIDE ELECTROCHEMICALLY ACTIVE CATHODE MATERIAL
 (51) Int. Cl.
C01G 53/04 (2006.01)
C01G 53/00 (2006.01)
H01M 4/24 (2006.01)
H01M 4/32 (2006.01)

H01M 4/525 (2010.01)
 (43) 23.05.2024
 (62) 2023200149
 (72) Nelson, Jennifer A.; Christian, Paul Albert; Hackney, Stephen A.
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Dzyne Technologies Incorporated
 (11) AU-A-2024202990
 (21) 2024202990 (22) 06.05.2024
 (54) VERTICAL TAKEOFF AND LANDING AIRCRAFT
 (51) Int. Cl.
B64C 27/24 (2006.01)
B64C 27/22 (2006.01)
B64C 27/26 (2006.01)
B64C 27/28 (2006.01)
B64C 29/00 (2006.01)
 (43) 23.05.2024
 (62) 2018239445
 (72) Page, Mark Allan; McCue, Matthew Robert; Godlasky, Robert Anthony
 (74) Allens Patent & Trade Mark Attorneys

(71) Eavor Technologies Inc.
 (11) AU-A-2024202902
 (21) 2024202902 (22) 02.05.2024
 (54) METHOD FOR ON DEMAND POWER PRODUCTION UTILIZING GEOLOGIC THERMAL RECOVERY
 (51) Int. Cl.
F24T 50/00 (2018.01)
E21B 33/138 (2006.01)
F03G 4/00 (2006.01)
H02J 3/38 (2006.01)
H02J 13/00 (2006.01)
 (43) 23.05.2024
 (62) 2020424425
 (72) TOEWS, Matthew; SCHWARZ, Bailey; REDFERN, John; CAIRNS, Paul
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Ecolab USA Inc.
 (11) AU-A-2024202973
 (21) 2024202973 (22) 06.05.2024
 (54) Measured dosing and spray bottle for multi-use applications and associated method of using
 (51) Int. Cl.
B05B 11/00 (2023.01)
B65D 47/34 (2006.01)
 (43) 23.05.2024
 (62) 2022228177
 (72) THOMAS, Candice J.; HARBAUGH, Robin B.
 (74) Spruson & Ferguson

(71) Eli Lilly and Company
 (11) AU-A-2024202921
 (21) 2024202921 (22) 02.05.2024
 (54) Systems and methods for displaying patient data
 (51) Int. Cl.
G06F 3/048 (2013.01)

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 (74) Davies Collison Cave Pty Ltd

(71) ELTA Systems Ltd.
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 (54) Path planning within a traversed area
 (51) Int. Cl.
 G05D 1/43 (2024.01)
 G08G 1/16 (2006.01)
 (43) 23.05.2024
 (62) 2018311637
 (72) APPELMAN, Dina; COHEN, Ofir; BRONSTEIN, Roman
 (74) FPA Patent Attorneys Pty Ltd

(71) Equinix, Inc.
 (11) AU-A-2024203041
 (21) 2024203041 (22) 08.05.2024
 (54) Virtual domains within a shared device
 (51) Int. Cl.
 H04L 12/66 (2006.01)
 H04L 12/46 (2006.01)
 H04L 45/02 (2022.01)
 H04L 45/586 (2022.01)
 (43) 23.05.2024
 (62) 2021332587
 (72) IQBAL, Syed Hashim; DURRANI, Muhammad
 (74) FPA Patent Attorneys Pty Ltd

(71) ERICO International Corporation
 (11) AU-A-2023263443
 (21) 2023263443 (22) 07.11.2023
 (54) Modular support system and clamp
 (51) Int. Cl.
 F24S 25/61 (2018.01)
 F24S 25/636 (2018.01)
 H02S 20/23 (2014.01)
 (31) 63/382,876 (32) 08.11.22 (33) US
 (43) 23.05.2024
 (72) Scott Ernest ANDERSON
 (74) Spruson & Ferguson

(71) Evolutive Labs Co., Ltd.
 (11) AU-A-2023219932
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 (54) Container And Lid And Attachment Thereof
 (51) Int. Cl.
 H05K 5/02 (2006.01)
 A45F 3/16 (2006.01)
 B65D 23/12 (2006.01)
 B65D 51/24 (2006.01)
 (31) 63/423,067 (32) 07.11.22 (33) US
 63/458,171 10.04.23 US
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 (72) LU, Jui-Chen; WANG, Ching-Yu; HUNG, Yu-Ting; CHIANG, Yu-Chang; HO, Cheng-Che
 (74) WRAYS PTY LTD

(71) EXEL INDUSTRIES
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 (21) 2023248187 (22) 13.10.2023
 (54) Point of Interest Spray System
 (51) Int. Cl.
 A01M 7/00 (2006.01)
 A01M 21/04 (2006.01)
 B05B 12/02 (2006.01)
 B05B 12/16 (2018.01)
 (31) 2211522 (32) 05.11.22 (33) FR
 2304375 01.05.23 FR
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 (72) MARGERIT, Arthur
 (74) Alder IP Pty Ltd

(71) Father Flanagan's Boys' Home doing business as Boys Town National Research Hospital
 (11) AU-A-2024202901
 (21) 2024202901 (22) 02.05.2024
 (54) Neutralizing antibodies to human endothelin
 (51) Int. Cl.
 A61P 13/12 (2006.01)
 C07K 16/26 (2006.01)
 (43) 23.05.2024
 (62) 2020296105
 (72) COSGROVE, Dominic
 (74) FB Rice Pty Ltd

(71) Fertin Pharma A/S
 (11) AU-A-2024202892
 (21) 2024202892 (22) 01.05.2024
 (54) A SOLID PHARMACEUTICAL TABLET
 (51) Int. Cl.
 A61K 9/68 (2006.01)
 A61K 9/20 (2006.01)
 A61K 31/167 (2006.01)
 A61K 31/192 (2006.01)
 A61K 33/06 (2006.01)
 (43) 23.05.2024
 (62) 2019239514
 (72) NEERGAARD, Jesper
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) Fisher & Paykel Healthcare Limited
 (11) AU-A-2024202734
 (21) 2024202734 (22) 26.04.2024
 (54) ZONE HEATING FOR RESPIRATORY CIRCUITS
 (51) Int. Cl.
 A61M 16/16 (2006.01)
 F24F 6/00 (2006.01)
 H01H 35/00 (2006.01)
 H05B 3/00 (2006.01)
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 (72) Liu, Po-Yen; Seekup, Peter Alan; Newland, Anthony James; Smith, Malcolm David; Si, Ping; Oosthuysen, Helgard;

Wilson, Matthew Robert; Kwan, Ian Lee Wai; Alnashi, Sinaa; Tonkin, Paul James; McCool, Kiel Anthony; Kempes, David Robert; Lin, Yayi; Ross, Callum McDonald; Sims, David John
 (74) AJ PARK

(71) Fisher & Paykel Healthcare Limited
 (11) AU-A-2024202975
 (21) 2024202975 (22) 06.05.2024
 (54) RESPIRATORY MASK SEALING INTERFACE
 (51) Int. Cl.
 A61M 16/06 (2006.01)
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 (62) 2022200924
 (72) McAuley, Alastair Edwin; McLaren, Mark; Huang, Wen Dong
 (74) AJ PARK

(71) Fisher & Paykel Healthcare Limited
 (11) AU-A-2024202976
 (21) 2024202976 (22) 06.05.2024
 (54) FLEXIBLE MASK COUPLING
 (51) Int. Cl.
 A61M 16/06 (2006.01)
 A61M 16/08 (2006.01)
 (43) 23.05.2024
 (62) 2021215123
 (72) Salmon, Andrew Paul Maxwell; Huddart, Brett John
 (74) AJ PARK

(71) Fisher & Paykel Healthcare Limited
 (11) AU-A-2024203030
 (21) 2024203030 (22) 08.05.2024
 (54) Headgear Adjustment Mechanism
 (51) Int. Cl.
 A62B 18/08 (2006.01)
 A61M 16/06 (2006.01)
 (43) 23.05.2024
 (62) 2021277659
 (72) McLaren, Mark Arvind
 (74) Catalyst Intellectual Property

(71) FISHER & PAYKEL HEALTHCARE LIMITED
 (11) AU-A-2024202851
 (21) 2024202851 (22) 01.05.2024
 (54) CONTROL OF FLOW AND/OR PRESSURE PROVIDED BY BREATHING APPARATUS
 (51) Int. Cl.
 A61B 5/00 (2006.01)
 A61M 16/00 (2006.01)
 A62B 18/00 (2006.01)
 (43) 23.05.2024
 (62) 2022202356
 (72) TATKOV, Stanislav; O'DONNELL, Kevin Peter; FENG, Sheng
 (74) AJ PARK

(71) FISHER & PAYKEL HEALTHCARE LIMITED
 (11) AU-A-2024203019
 (21) 2024203019 (22) 08.05.2024

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(54) A RESPIRATORY USER INTERFACE
(51) Int. Cl.
A61M 16/06 (2006.01)
(43) 23.05.2024
(62) 2018273458
(72) NELSON, Grant Leigh; CORAZZA, Carsten Ma On Wong; TATKOV, Stanislav
(74) AJ PARK

(71) FLSmidth A/S
(11) AU-A-2024202858
(21) 2024202858 (22) 01.05.2024
(54) Centrifugal separator having an improved flow and system comprising such a centrifugal separator
(51) Int. Cl.
B04B 1/00 (2006.01)
B03B 5/32 (2006.01)
B04B 7/08 (2006.01)
(43) 23.05.2024
(62) 2020382033
(72) JOHANSEN, Johnny; KYHNAUV, Jesper Gerdes; NIKISCHER, Tod
(74) FPA Patent Attorneys Pty Ltd

(71) Flying Fin Systems Pty Ltd
(11) AU-A-2024203015
(21) 2024203015 (22) 07.05.2024
(54) Fins with improved fluid dynamic properties
(51) Int. Cl.
B63B 35/79 (2006.01)
B63B 1/24 (2020.01)
B63B 41/00 (2006.01)
(43) 23.05.2024
(62) 2018233161
(72) Miller, Glenndin George
(74) Golja Haines & Friend

(71) Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.
(11) AU-A-2024202899
(21) 2024202899 (22) 02.05.2024
(54) Apparatus and audio signal processor, for providing a processed audio signal representation, audio decoder, audio encoder, methods and computer programs
(51) Int. Cl.
G10L 19/022 (2013.01)
G10L 25/45 (2013.01)
G10L 19/008 (2013.01)
(43) 23.05.2024
(62) 2022279391
(72) BAYER, Stefan; MABEN, Pallavi; RAVELLI, Emmanuel; FUCHS, Guillaume; FOTPOULOU, Eleni; MULTRUS, Markus
(74) Spruson & Ferguson

(71) Fraunhofer-Gesellschaft Zur Förderung Der Angewandten Forschung E.V.
(11) AU-A-2024202855
(21) 2024202855 (22) 01.05.2024

(54) Encoder and decoder, encoding method and decoding method for reference picture resampling extensions
(51) Int. Cl.
H04N 19/117 (2014.01)
H04N 19/132 (2014.01)
H04N 19/167 (2014.01)
H04N 19/172 (2014.01)
H04N 19/29 (2014.01)
H04N 19/70 (2014.01)
(43) 23.05.2024
(62) 2020352589
(72) SÁNCHEZ DE LA FUENTE, Yago; SÜHRING, Karsten; HELLGE, Cornelius; SCHIERL, Thomas; SKUPIN, Robert; WIEGAND, Thomas
(74) Griffith Hack

(71) FUJI KOGYO CO., LTD.
(11) AU-A-2023258354
(21) 2023258354 (22) 31.10.2023
(54) Reel seat and fishing rod including same
(51) Int. Cl.
A01K 87/06 (2006.01)
(31) 10-2022-0145144 (32) 03.11.22 (33) KR 10-2023-0076064 14.06.23 KR
(43) 23.05.2024
(72) Kazuhiro OMURA
(74) Spruson & Ferguson

(71) Gas Technology Institute
(11) AU-A-2024203038
(21) 2024203038 (22) 08.05.2024
(54) Noble metal catalysts and processes for reforming of methane and other hydrocarbons
(51) Int. Cl.
C01B 3/40 (2006.01)
B01J 23/38 (2006.01)
B01J 23/54 (2006.01)
(43) 23.05.2024
(62) 2017440226
(72) MARKER, Terry L.; LINCK, Martin B.; WANGEROW, Jim; ORTIZ-TORAL, Pedro
(74) Spruson & Ferguson

(71) Genentech, Inc.
(11) AU-A-2024202832
(21) 2024202832 (22) 30.04.2024
(54) Treatment of breast cancer using combination therapies comprising GDC-9545 and a CDK4/6 inhibitor
(51) Int. Cl.
A61K 31/519 (2006.01)
A61K 31/40 (2006.01)
A61P 35/00 (2006.01)
(43) 23.05.2024
(62) 2021272100
(72) LAUCHLE, Jennifer O'Hara; MILAN, Sandra; SMITT, Melanie Carol; GREEN, Marjorie C.
(74) Griffith Hack

(71) GILEAD SCIENCES, INC.
(11) AU-A-2024202988

(21) 2024202988 (22) 06.05.2024
(54) Interleukin-2-Fc fusion proteins and methods of use
(51) Int. Cl.
C07K 14/55 (2006.01)
C07K 19/00 (2006.01)
(43) 23.05.2024
(62) 2021365129
(72) BACA, Manuel; GILMORE, Sarah A.; HUNG, Magdeleine S.; JAVANBAKHT, Hassan; KANWAR, Manu; KHAN, Shahzada; MUKHERJEE, Prasenjit K.; NAGEL, Mark R.; PAPALIA, Giuseppe; TAM, Danny W.; THOMAS, Majlinda K.
(74) FPA Patent Attorneys Pty Ltd

(71) GLAC BIOTECH CO., LTD.
(11) AU-A-2023203324
(21) 2023203324 (22) 28.05.2023
(54) OPTIMIZED LACTOBACILLUS RHAMNOSUS STRAIN MP108 FOR ENHANCING CYTOKINE REGULATING ALLERGIC IMMUNE RESPONSE AND METHOD FOR OBTAINING THE SAME
(51) Int. Cl.
C12N 1/20 (2006.01)
A61K 35/747 (2015.01)
A61P 37/08 (2006.01)
C12R 1/225 (2006.01)
(31) TW111142466 (32) 07.11.22 (33) TW
(43) 23.05.2024
(72) HO, HSIEH-HSUN; HSU, YU-CHIEH; HSIA, KO-CHIANG; CIOU, CIAN-DAI; KUO, YI-WEI; LIN, JIA-HUNG; CHEN, CHING-WEI; LIY, AN-FENG
(74) ALDRICH PROJECTS PTY LTD

(71) GLAC BIOTECH CO., LTD.
(11) AU-A-2023206118
(21) 2023206118 (22) 18.07.2023
(54) OPTIMIZED LACTOBACILLUS PARCASEI STRAIN MP137 FOR ENHANCING CYTOKINE REGULATING ALLERGIC IMMUNE RESPONSE AND METHOD FOR OBTAINING THE SAME
(51) Int. Cl.
C12N 1/20 (2006.01)
A61K 35/747 (2015.01)
A61P 37/08 (2006.01)
C12R 1/225 (2006.01)
(31) 111142480 (32) 07.11.22 (33) TW
(43) 23.05.2024
(72) HO, HSIEH-HSUN; HSU, YU-CHIEH; HSIA, KO-CHIANG; CIOU, CIAN-DAI; KUO, YI-WEI; LIN, JIA-HUNG; CHEN, CHING-WEI; LIY, AN-FENG
(74) ALDRICH PROJECTS PTY LTD

(71) Globalforce IP Limited
(11) AU-A-2024202866
(21) 2024202866 (22) 01.05.2024
(54) METHODS RELATING TO PEST CONTROL
(51) Int. Cl.
A01M 23/14 (2006.01)
A01M 19/00 (2006.01)
A01M 23/00 (2006.01)

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A01M 23/24 (2006.01)
A01M 23/36 (2006.01)
A01M 23/38 (2006.01)
A01M 27/00 (2006.01)
(43) 23.05.2024
(62) 2020413656
(72) HOWARD, Peter; BETTS, Richard
(74) AJ PARK

(71) Global International Trading Limited
(11) AU-A-2024202874
(21) 2024202874 **(22)** 01.05.2024
(54) Curtain-blind
(51) Int. Cl.
E06B 9/36 (2006.01)
A47H 13/01 (2006.01)
A47H 15/00 (2006.01)
A47H 23/05 (2006.01)
E06B 9/384 (2006.01)
E06B 9/386 (2006.01)
(43) 23.05.2024
(62) 2021236545
(72) Albertini, John
(74) WRAYS PTY LTD

(71) Go Bungy International Pte. Ltd.; Retail-
 lick, B.
(11) AU-A-2022287642
(21) 2022287642 **(22)** 15.12.2022
(54) MOBILE BUNGY JUMP APPARATUS
 AND METHOD FOR OPERATING THE
 SAME
(51) Int. Cl.
A63B 5/00 (2006.01)
B60P 3/00 (2006.01)
B65D 13/02 (2006.01)
B66C 23/42 (2006.01)
(31) 10202260007T **(32)** 08.11.22 **(33)** SG
(43) 23.05.2024
(72) Retaillick, Beau
(74) PHILLIPS ORMONDE FITZPATRICK

Gottass, T. see Rodwell, O.
(21) 2022279389

(71) Graham, G.
(11) AU-A-2023229487
(21) 2023229487 **(22)** 12.09.2023
(54) TAPE MEASURE AND ACCESSORIES
 THEREFOR
(51) Int. Cl.
G01B 3/1094 (2020.01)
B43K 23/00 (2006.01)
G01B 3/1089 (2020.01)
G01B 3/1084 (2020.01)
(31) 2022903339 **(32)** 08.11.22 **(33)** AU
(43) 23.05.2024
(72) Graham, Gregory
(74) IP Guardian Pty Ltd

(71) Gritstone Bio, Inc.
(11) AU-A-2024202903
(21) 2024202903 **(22)** 02.05.2024
(54) Neoantigen identification, manufacture,
 and use
(51) Int. Cl.

A61K 35/15 (2015.01)
A61K 38/10 (2006.01)
A61K 39/00 (2006.01)
C07K 7/08 (2006.01)
(43) 23.05.2024
(62) 2018254526
(72) BOUCHER, Thomas; BULIK-SUL-
 LIVAN, Brendan; BUSBY, Jennifer;
 YELENSKY, Roman
(74) FB Rice Pty Ltd

**Haier Smart Home Co., Ltd. see Qingdao
 Economic And Technological Develop-
 ment Zone Haier Water Heater Co., Ltd**
(21) 2023210633

(71) Harrison, T.
(11) AU-A-2024202996
(21) 2024202996 **(22)** 07.05.2024
(54) IMPROVED HYDROPONIC SYSTEM
(51) Int. Cl.
A01G 27/04 (2006.01)
(43) 23.05.2024
(62) 2018371140
(72) HARRISON, Todd Adam Dennis
(74) IP Savvy Pty Ltd

Heenan, J. see Sullivan, D.
(21) 2024202957

(71) Howmedica Osteonics Corp.; IP GATE-
 WAY PATENT & TRADE MARK AT-
 TORNEYS PTY LTD
(11) AU-A-2024203002
(21) 2024203002 **(22)** 07.05.2024
(54) VIRTUAL LIGAMENT BALANCING
(51) Int. Cl.
A61F 2/46 (2006.01)
A61F 2/38 (2006.01)
(43) 23.05.2024
(62) 2018278903
(72) YILDIRIM, Gokce; LIARNO, Sally;
 GRUCZYNSKI, Mark
(74) IP GATEWAY PATENT & TRADE
 MARK ATTORNEYS PTY LTD

(71) Huawei Technologies Co., Ltd.
(11) AU-A-2024202867
(21) 2024202867 **(22)** 01.05.2024
(54) MULTI-LINK COMMUNICATION
 SETUP METHOD AND RELATED AP-
 PARATUS
(51) Int. Cl.
H04L 69/14 (2022.01)
(43) 23.05.2024
(62) 2023203520
(72) Guo, Yuchen; Huang, Guogang; Li,
 Yunbo; Gan, Ming
(74) PHILLIPS ORMONDE FITZPATRICK

(71) I.T.S. GmbH
(11) AU-A-2022348887
(21) 2022348887 **(22)** 07.11.2022
(54) Apparatus For Treating A Fracture
(51) Int. Cl.

A61B 17/86 (2006.01)
(43) 23.05.2024
(72) PRAGER, Ronald; BÜHREN, Volker
(74) Chrysilou IP

(71) Illinois Tool Works Inc.
(11) AU-A-2023254963
(21) 2023254963 **(22)** 26.10.2023
(54) Portable power tool
(51) Int. Cl.
B23Q 17/24 (2006.01)
B25F 5/02 (2006.01)
(31) 2211682 **(32)** 09.11.22 **(33)** FR
(43) 23.05.2024
(72) MESANA, Florian; TOURNIER, Ludovic
(74) Davies Collison Cave Pty Ltd

(71) Illinois Tool Works Inc.
(11) AU-A-2024202849
(21) 2024202849 **(22)** 01.05.2024
(54) A magnetic clamp
(51) Int. Cl.
B25B 5/00 (2006.01)
A47G 1/17 (2006.01)
B25B 11/00 (2006.01)
(43) 23.05.2024
(62) 2021254544
(72) Sladojevic, Robert
(74) Davies Collison Cave Pty Ltd

(71) Indefatigable Holdings Pty Ltd
(11) AU-A-2023258462
(21) 2023258462 **(22)** 03.11.2023
(54) PICKET SUPPORT
(51) Int. Cl.
E04H 17/22 (2006.01)
E04H 12/22 (2006.01)
(31) 2022903304 **(32)** 04.11.22 **(33)** AU
(43) 23.05.2024
(72) Brad Bartlett
(74) Mann IP

(71) Inovio Pharmaceuticals, Inc.; Regener-
 on Pharmaceuticals, Inc.
(11) AU-A-2024202791
(21) 2024202791 **(22)** 30.04.2024
(54) Combination therapy to treat brain can-
 cer
(51) Int. Cl.
A61K 39/00 (2006.01)
C07K 14/47 (2006.01)
C07K 16/30 (2006.01)
(43) 23.05.2024
(62) 2020380288
(72) YAN, Jian; FERRARO, Bernadette;
 WALTERS, Jewell; BREDLAU, Amy-
 Lee; LOWY, Israel; SKOLNIK, Jeffrey
(74) FB Rice Pty Ltd

(71) InterDigital VC Holdings, Inc.
(11) AU-A-2024203025
(21) 2024203025 **(22)** 08.05.2024
(54) Processing a point cloud
(51) Int. Cl.
G06T 9/00 (2006.01)

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(43) 23.05.2024
 (62) 2019208552
 (72) RICARD, Julien; GUEDE, Céline;
 OLIVIER, Yannick; LLACH PINSACH,
 Joan; GENDRON, David
 (74) FB Rice Pty Ltd

(71) International Business Machines Corporation

(11) AU-A-2024202949
 (21) 2024202949 (22) 03.05.2024
 (54) Layered hybrid quantum architecture for quantum computing applications
 (51) Int. Cl.
G06N 10/00 (2022.01)

(43) 23.05.2024
 (62) 2021290959
 (72) GUMANN, Patryk; CROSS, Andrew;
 HART, Sean; GAMBETTA, Jay
 (74) Spruson & Ferguson

(71) Intuit Inc.

(11) AU-A-2024202914
 (21) 2024202914 (22) 02.05.2024
 (54) Systems and methods for quantifying saved time
 (51) Int. Cl.

G06F 17/18 (2006.01)
G06F 16/33 (2019.01)
G06F 40/30 (2020.01)
G06N 20/00 (2019.01)
G06Q 10/04 (2023.01)
G06Q 10/10 (2023.01)

(43) 23.05.2024
 (62) 2022203665
 (72) Giri, Neha; Kumari, Neha; Shanmugam, Elangovan
 (74) Davies Collison Cave Pty Ltd

IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD see Howmedica Osteonics Corp.

(21) 2024203002

(71) James Hardie Technology Limited

(11) AU-A-2023263475
 (21) 2023263475 (22) 08.11.2023
 (54) Edge protection element
 (51) Int. Cl.

B65D 81/05 (2006.01)
B65B 13/18 (2006.01)
B65D 71/04 (2006.01)
B65D 85/62 (2006.01)

(31) 2022903355 (32) 09.11.22 (33) AU
 (43) 23.05.2024

(72) David LYNCH; Jesse ANGER; Lindsay HILL
 (74) Spruson & Ferguson

(71) J A Redekop Holdings Ltd.

(11) AU-A-2023223003
 (21) 2023223003 (22) 01.09.2023
 (54) AGRICULTURAL LAND ROLLER IMPLEMENT WITH TRANSPORT WHEEL ARRANGEMENT HAVING A REDUCED TURNING RADIUS

(51) Int. Cl.
A01B 29/02 (2006.01)
A01B 73/06 (2006.01)

(31) 3,181,443 (32) 08.11.22 (33) CA
 (43) 23.05.2024
 (72) BERG, Waldemar; GRASS, Martin; RE-DEKOP, Johan

(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) JC Medical, Inc.

(11) AU-A-2024202864
 (21) 2024202864 (22) 01.05.2024
 (54) Heart valve prosthesis and delivery
 (51) Int. Cl.
A61F 2/24 (2006.01)

(43) 23.05.2024
 (62) 2022200403
 (72) WALSH, Brandon G; ZHANG, Ji; YANG, Cheng Yong; ZHU, Jinhua; MCMAHON, Dennis Michael
 (74) Davies Collison Cave Pty Ltd

(71) Ji Xing Pharmaceuticals Hong Kong Limited

(11) AU-A-2024202860
 (21) 2024202860 (22) 01.05.2024
 (54) Metalloenzyme inhibitor compounds
 (51) Int. Cl.

A61K 31/501 (2006.01)
A61K 31/437 (2006.01)

(43) 23.05.2024
 (62) 2017387033
 (72) YATES, Christopher M.; SHAVER, Sammy R.; HOEKSTRA, William J.; SPARKS, Steven
 (74) Spruson & Ferguson

(71) KABUSHIKI KAISHA TOYOTA JIDOSHOKKI

(11) AU-A-2023254917
 (21) 2023254917 (22) 25.10.2023
 (54) Industrial vehicle
 (51) Int. Cl.

B60W 30/095 (2012.01)
B60W 30/09 (2012.01)
B60W 30/182 (2020.01)
B60W 50/08 (2020.01)
B60W 60/00 (2020.01)

(31) 2022-179590 (32) 09.11.22 (33) JP
 (43) 23.05.2024
 (72) AKATSUKA, Keisuke
 (74) Griffith Hack

(71) Karyopharm Therapeutics, Inc.

(11) AU-A-2024202868
 (21) 2024202868 (22) 01.05.2024
 (54) Hydrazide containing nuclear transport modulators and uses thereof
 (51) Int. Cl.

C07D 249/08 (2006.01)
A61K 31/4439 (2006.01)
A61K 31/497 (2006.01)
A61K 31/498 (2006.01)
A61K 31/506 (2006.01)
A61K 31/5377 (2006.01)
A61K 31/55 (2006.01)

A61P 27/02 (2006.01)
A61P 29/00 (2006.01)
A61P 31/12 (2006.01)
A61P 35/00 (2006.01)
C07D 401/12 (2006.01)
C07D 403/12 (2006.01)
C07D 409/12 (2006.01)

(43) 23.05.2024
 (62) 2022203265
 (72) SANDANAYAKA, Vincent P.; SHACHAM, Sharon; MCCAULEY, Dilara; SHECHTER, Sharon
 (74) Spruson & Ferguson

(71) Karyopharm Therapeutics Inc.

(11) AU-A-2024202835
 (21) 2024202835 (22) 30.04.2024
 (54) Polymorphs of selinexor
 (51) Int. Cl.
C07D 403/12 (2006.01)
A61K 31/497 (2006.01)
A61P 25/00 (2006.01)
A61P 31/00 (2006.01)
A61P 35/00 (2006.01)

(43) 23.05.2024
 (62) 2021286266
 (72) AUSTAD, Brian Clinton; ROE, David G.
 (74) Spruson & Ferguson

(71) KDB INTELLECTUAL PTY LTD

(11) AU-A-2024202913
 (21) 2024202913 (22) 02.05.2024
 (54) MULTI-LOCK AND METHOD OF USE
 (51) Int. Cl.
E05C 9/02 (2006.01)
E05B 41/00 (2006.01)
E05B 63/00 (2006.01)
E05B 63/14 (2006.01)
E05B 65/10 (2006.01)

(43) 23.05.2024
 (62) 2023200318
 (72) EVERETT, TIMOTHY RIVA
 (74) Oxygene IP

(71) Kodiak Sciences Inc.

(11) AU-A-2024202872
 (21) 2024202872 (22) 01.05.2024
 (54) Antibodies and conjugates thereof
 (51) Int. Cl.
A61K 39/00 (2006.01)
A61K 39/44 (2006.01)
A61P 27/02 (2006.01)

(43) 23.05.2024
 (62) 2016381964
 (72) Perlroth, D. Victor; To, Wah Yuen; Liang, Hong
 (74) Davies Collison Cave Pty Ltd

(71) Koninklijke Douwe Egberts B.V.

(11) AU-A-2024202979
 (21) 2024202979 (22) 06.05.2024
 (54) Spray-dried coffee product and production method
 (51) Int. Cl.
A23F 5/26 (2006.01)
A23F 5/34 (2006.01)
A23F 5/46 (2006.01)

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 (62) 2021298166
 (72) HENSON, Sian; WELSH, Joe; ROMAN CORROCHANO, Borja; ESPINO, Eva; SILANES-KENNY, Javier; EDGE, Charles
 (74) Griffith Hack
-
- (71) KOREA INSTITUTE OF GEOSCIENCE AND MINERAL RESOURCES
 (11) AU-A-2023254945
 (21) 2023254945 (22) 25.10.2023
 (54) HYDROMETALLURGICAL METHOD FOR RECOVERING LITHIUM FROM LITHIUM-CONTAINING MINERAL AND LITHIUM AQUEOUS SOLUTION RECOVERED THEREFROM
 (51) Int. Cl.
 C22B 26/12 (2006.01)
 C22B 3/04 (2006.01)
 C22B 3/12 (2006.01)
 (31) 10-2022-0147137 (32) 07.11.22 (33) KR
 (43) 23.05.2024
 (72) SHIN, SHUN MYUNG; JOO, SUNGHO; SHIN, DONGJU; LEE, DONGSEOK
 (74) mdp Patent and Trade Mark Attorneys
-
- (71) Kyocera Corporation
 (11) AU-A-2024202890
 (21) 2024202890 (22) 01.05.2024
 (54) Artificial joint stem and artificial hip joint
 (51) Int. Cl.
 A61F 2/32 (2006.01)
 A61L 27/32 (2006.01)
 (43) 23.05.2024
 (62) 2020450373
 (72) NODA, Iwao
 (74) FB Rice Pty Ltd
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- (71) Kyocera Corporation; Saga University
 (11) AU-A-2024202891
 (21) 2024202891 (22) 01.05.2024
 (54) Artificial joint stem and artificial hip joint
 (51) Int. Cl.
 A61F 2/36 (2006.01)
 (43) 23.05.2024
 (62) 2020439818
 (72) MAWATARI, Masaaki; NODA, Iwao
 (74) FB Rice Pty Ltd
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- (71) LG Electronics Inc.
 (11) AU-A-2024203027
 (21) 2024203027 (22) 08.05.2024
 (54) TRANSFORM-BASED IMAGE CODING METHOD, AND APPARATUS THEREFOR
 (51) Int. Cl.
 H04N 19/60 (2014.01)
 H04N 19/119 (2014.01)
 H04N 19/132 (2014.01)
 H04N 19/176 (2014.01)
 H04N 19/18 (2014.01)
 H04N 19/186 (2014.01)
 H04N 19/70 (2014.01)
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- (71) LG Electronics Inc.
 (11) AU-A-2024203032
 (21) 2024203032 (22) 08.05.2024
 (54) Method and apparatus for signaling picture partitioning information
 (51) Int. Cl.
 H04N 19/70 (2014.01)
 H04N 19/119 (2014.01)
 H04N 19/136 (2014.01)
 H04N 19/174 (2014.01)
 (43) 23.05.2024
 (62) 2020392155
 (72) HENDRY, Hendry; PALURI, Seethal; KIM, Seunghwan
 (74) Dentons Patent Attorneys Australasia Limited
-
- (71) Lineage Logistics, LLC
 (11) AU-A-2024202842
 (21) 2024202842 (22) 01.05.2024
 (54) SCHEDULED THERMAL CONTROL SYSTEM
 (51) Int. Cl.
 G06Q 10/04 (2023.01)
 G06Q 10/08 (2023.01)
 G06Q 50/06 (2012.01)
 (43) 23.05.2024
 (62) 2022271416
 (72) WOLF, Elliott Gerard; WOOLF, Alexander James
 (74) RnB IP Pty Ltd
-
- (71) LivePerson, Inc.
 (11) AU-A-2024202824
 (21) 2024202824 (22) 30.04.2024
 (54) Context-aware redirection from telephony environment to messaging environment
 (51) Int. Cl.
 H04M 3/436 (2006.01)
 H04M 3/42 (2006.01)
 H04M 3/54 (2006.01)
 H04M 7/00 (2006.01)
 (43) 23.05.2024
 (62) 2022204603
 (72) HAYES, Marc; FANNING, Matt
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 (21) 2024202984 (22) 06.05.2024
 (54) ANIMAL TOYS WITH INCORPORATED FLAVOR COMPOSITIONS
 (51) Int. Cl.
 A01K 15/00 (2006.01)
 (43) 23.05.2024
 (62) 2018326719
 (72) Beatty, Lendy; Spencer, Jeff
 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) MAID IP Holdings Pty Ltd
 (11) AU-A-2024202831
 (21) 2024202831 (22) 30.04.2024
 (54) An Automatic Location Placement System
 (51) Int. Cl.
 B63H 21/22 (2006.01)
 B63H 25/04 (2006.01)
 B63H 25/42 (2006.01)
 G05D 1/43 (2024.01)
 (43) 23.05.2024
 (62) 2022203742
 (72) TYERS, Bradley
 (74) WRAYS PTY LTD
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- (71) Manuel Martin
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 (21) 2022263522 (22) 03.11.2022
 (54) LandBit
 (51) Int. Cl.
 G06Q 10/06 (2023.01)
 G06F 16/9535 (2019.01)
 G06F 16/9537 (2019.01)
 G06Q 30/06 (2012.01)
 G06Q 50/00 (2012.01)
 G06Q 50/02 (2024.01)
 G06Q 50/16 (2024.01)
 G06Q 50/18 (2012.01)
 (43) 23.05.2024
 (72) Martin, Manuel
 (74) Manuel Martin
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- (71) Manufacturing Resources International, Inc.
 (11) AU-A-2024202986
 (21) 2024202986 (22) 06.05.2024
 (54) Forced air cooling for display assemblies
 (51) Int. Cl.
 G02F 1/133 (2006.01)
 B60L 53/16 (2019.01)
 (43) 23.05.2024
 (62) 2021364397
 (72) DUNN, William; DIAZ, Marcos; MOR-EAU, Alex
 (74) Spruson & Ferguson
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- (71) Mapp Biopharmaceutical, Inc.
 (11) AU-A-2024202894
 (21) 2024202894 (22) 02.05.2024
 (54) Anti-respiratory syncytial virus antibodies, methods of their generation and use
 (51) Int. Cl.
 C12P 21/08 (2006.01)
 A61K 39/00 (2006.01)
 A61K 39/42 (2006.01)
 C07K 16/00 (2006.01)
 (43) 23.05.2024
 (62) 2018346978
 (72) WALKER, Laura M.
 (74) FB Rice Pty Ltd
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 (11) AU-A-2024202946
 (21) 2024202946 (22) 03.05.2024

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 (51) Int. Cl.
G06Q 20/02 (2012.01)
G06Q 20/38 (2012.01)
H04L 9/32 (2006.01)
 (43) 23.05.2024
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 (72) DAVIS, Steven Charles
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 (21) 2023258333 (22) 30.10.2023
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 (51) Int. Cl.
F03B 13/26 (2006.01)
F03B 13/08 (2006.01)
F03B 13/22 (2006.01)
F03D 9/34 (2016.01)
F03D 9/48 (2016.01)
 (31) 63/423,193 (32) 07.11.22 (33) US
 63/432,245 13.12.22 US
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 (72) Norman Ian MATHERS
 (74) WRAYS PTY LTD

(71) MatOrtho Limited
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 (21) 2024202944 (22) 03.05.2024
 (54) Ceramic Acetabular Cup
 (51) Int. Cl.
A61F 2/34 (2006.01)
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 (62) 2018265360
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 (54) SUPPORTING STRUCTURE FOR PALLET OR PALLET CAGE
 (51) Int. Cl.
B65D 19/38 (2006.01)
B65D 19/10 (2006.01)
B65D 19/12 (2006.01)
 (43) 23.05.2024
 (72) Eade, Raymond Philip
 (74) Michael Buck IP

(71) Metabolic Technologies, Inc.
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 (21) 2024202915 (22) 02.05.2024
 (54) Compositions and methods of use of β -hydroxy- β -methylbutyrate (HMB) for enhancing recovery from soft tissue trauma

(51) Int. Cl.
A61K 31/19 (2006.01)
A61K 31/00 (2006.01)
A61K 31/185 (2006.01)
 (43) 23.05.2024
 (62) 2022201367
 (72) BAIER, Shawn; ABUMRAD, Najji; HARRIS, Emily
 (74) Spruson & Ferguson

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 (21) 2024203040 (22) 08.05.2024
 (54) VEHICLE MIRRORS
 (51) Int. Cl.
B60R 1/078 (2006.01)
B60R 1/02 (2006.01)
 (43) 23.05.2024
 (62) 2021202062
 (72) Miles, Shane
 (74) Ahearn Fox

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 (21) 2023258441 (22) 03.11.2023
 (54) AN AIR CONDITIONING SYSTEM
 (51) Int. Cl.
F25B 13/00 (2006.01)
F24F 3/06 (2006.01)
F24F 5/00 (2006.01)
F25B 30/00 (2006.01)
 (31) 2022903290 (32) 03.11.22 (33) AU
 (43) 23.05.2024
 (72) Kanthasamy Mohan
 (74) LESICAR MAYNARD ANDREWS PTY LTD

(71) Monsanto Technology LLC
 (11) AU-A-2024202648
 (21) 2024202648 (22) 23.04.2024
 (54) Plant regulatory elements and uses therefor
 (51) Int. Cl.
C12N 15/82 (2006.01)
A01H 5/10 (2018.01)
C12N 15/11 (2006.01)
C12N 15/29 (2006.01)
C12N 15/79 (2006.01)
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 (62) 2018210139
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 (74) Davies Collison Cave Pty Ltd

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 (11) AU-A-2024202909
 (21) 2024202909 (22) 02.05.2024
 (54) Apparatus for plasma treating and process for producing modified protein structure
 (51) Int. Cl.
H01J 37/32 (2006.01)
A23J 3/00 (2006.01)
 (43) 23.05.2024
 (62) 2018289103
 (72) MOTOSKO III, Stephen James
 (74) AJ Pietras IP Limited

(71) NANCARROW HOLDINGS PTY LTD
 (11) AU-A-2024202951
 (21) 2024202951 (22) 03.05.2024
 (54) Crop Protection System
 (51) Int. Cl.
A01G 13/04 (2006.01)
 (43) 23.05.2024
 (62) 2017202853
 (72) Cunial, Michael Anthony
 (74) Griffith Hack

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 (11) AU-A-2024202992
 (21) 2024202992 (22) 06.05.2024
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E21B 33/06 (2006.01)
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 (62) 2018262500
 (72) PICKETT, Geoffrey A.; FRANCHEK, Matthew Albert; PARVASI, Seyed Mohammad
 (74) FPA Patent Attorneys Pty Ltd

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 (54) EASILY MOVABLE BLOOD PURIFICATION SYSTEMS
 (51) Int. Cl.
A61M 1/16 (2006.01)
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 (62) 2018361745
 (72) VECTEN, Didier; VESCOVO, Paul; ALLENDES, Ricardo
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

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 (21) 2024202897 (22) 02.05.2024
 (54) MANUFACTURE OF COMPOUNDS AND COMPOSITIONS FOR INHIBITING THE ACTIVITY OF SHP2
 (51) Int. Cl.
C07D 491/107 (2006.01)
A61K 31/497 (2006.01)
A61P 35/00 (2006.01)
C07D 211/22 (2006.01)
C07D 211/26 (2006.01)
C07D 211/62 (2006.01)
C07D 401/12 (2006.01)
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 (62) 2019346118
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 (74) Davies Collison Cave Pty Ltd

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 (11) AU-A-2024202830
 (21) 2024202830 (22) 30.04.2024
 (54) SYSTEM AND METHOD FOR PICKING ITEMS
 (51) Int. Cl.
B65G 1/137 (2006.01)
 (43) 23.05.2024
 (62) 2021282526
 (72) LINDBO, Lars Sverker Ture; INGRAM-TEDD, Andrew John
 (74) Griffith Hack

(71) OCCIPO Ltd.
 (11) AU-A-2024202386
 (21) 2024202386 (22) 11.04.2024
 (54) Cranial orthosis and method therefor
 (51) Int. Cl.
A61F 5/058 (2006.01)
 (43) 23.05.2024
 (62) PCT/IL2022/051000
 (72) EYAL, Shai; EYAL, Naama; BAR-OR, Jonathan
 (74) FB Rice Pty Ltd

(71) OCTOPUS ENERGY HEATING LIMITED
 (11) AU-A-2024203018
 (21) 2024203018 (22) 07.05.2024
 (54) METHODS AND SYSTEMS AND APPARATUS TO SUPPORT REDUCED ENERGY AND WATER USAGE
 (51) Int. Cl.
F24D 19/10 (2006.01)
F24D 11/02 (2006.01)
F24D 17/00 (2022.01)
F24D 17/02 (2006.01)
F24H 4/04 (2006.01)
F24H 7/04 (2006.01)
F28D 20/02 (2006.01)
 (43) 23.05.2024
 (62) 2022217899
 (72) KONOWALCZYK, Peter
 (74) Halfords IP

(71) OJO Labs, Inc.
 (11) AU-A-2024202845
 (21) 2024202845 (22) 01.05.2024
 (54) COOPERATIVELY OPERATING A NETWORK OF SUPERVISED LEARNING PROCESSORS TO CONCURRENTLY DISTRIBUTE SUPERVISED LEARNING PROCESSOR TRAINING AND PROVIDE PREDICTIVE RESPONSES TO INPUT DATA
 (51) Int. Cl.
G06N 3/04 (2023.01)
G06N 3/08 (2023.01)
G06N 5/02 (2023.01)
 (43) 23.05.2024
 (62) 2021258049
 (72) LEVY, Joshua Howard; LEGAULT, Jacy Myles; RUBIN, David Robert; BERKOWITZ, John Kenneth; PRATT, David Ross
 (74) James & Wells Intellectual Property

(71) Opko Ireland Global Holdings, Ltd.
 (11) AU-A-2024202877
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 (54) VITAMIN D PEDIATRIC DOSAGE FORMS, METHODS OF MAKING AND USING
 (51) Int. Cl.
A61K 9/16 (2006.01)
A61K 9/50 (2006.01)
A61K 31/592 (2006.01)
A61K 31/593 (2006.01)
A61P 3/02 (2006.01)
A61P 5/20 (2006.01)
 (43) 23.05.2024
 (62) 2019329905
 (72) DESHPANDE, Praful Balavant; QUINLAN, Stephen James; GOLEC, Marta; O'BRIEN, John Gerard; MCDONALD, James Joseph; ELSIDDIG, Reem Elamein; O'SHEA, Ken
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Optimum Tracker
 (11) AU-A-2024202962
 (21) 2024202962 (22) 03.05.2024
 (54) Method for Controlling the Orientation of a Solar Module with Two Photoactive Faces
 (51) Int. Cl.
H02S 20/32 (2014.01)
F24S 50/20 (2018.01)
 (43) 23.05.2024
 (62) 2022201054
 (72) Arliaud, Jérôme; Michotte De Welle, Madyan
 (74) Clark Intellectual Property Pty Ltd

(71) OSTROJ a.s. see Phoenix Underground Pty Ltd
 (21) 2023263457

(71) PANGANG GROUP PANZHIHUA IRON & STEEL RESEARCH INSTITUTE CO., LTD.
 (11) AU-A-2023216732
 (21) 2023216732 (22) 11.05.2023
 (54) A method and device for increasing hardness of re-austenitizing zone of hypereutectoid rail joint
 (51) Int. Cl.
C21D 1/18 (2006.01)
C21D 1/62 (2006.01)
C21D 9/50 (2006.01)
C22C 38/02 (2006.01)
 (31) 202211368264.3 (32) 03.11.22 (33) CN
 (43) 23.05.2024
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 (11) AU-A-2023216810
 (21) 2023216810 (22) 11.05.2023

(54) A method for increasing bonding strength of flash butt welding joint of rail
 (51) Int. Cl.
B23K 11/04 (2006.01)
C22C 38/00 (2006.01)
 (31) 202211368275.1 (32) 03.11.22 (33) CN
 (43) 23.05.2024
 (72) LU, Xin; LI, Dadong; WANG, Ruoyu; BAI, Wei
 (74) FB Rice Pty Ltd

(71) Paratek Pharmaceuticals, Inc.
 (11) AU-A-2024202788
 (21) 2024202788 (22) 30.04.2024
 (54) MINOCYCLINE COMPOUNDS FOR BIODEFENSE
 (51) Int. Cl.
C07C 237/26 (2006.01)
A61K 31/65 (2006.01)
A61P 31/04 (2006.01)
 (43) 23.05.2024
 (62) 2022256106
 (72) Draper, Michael P.; Tanaka, S. Ken
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Paxgrid Cdn Inc.
 (11) AU-A-2024202834
 (21) 2024202834 (22) 30.04.2024
 (54) System for authenticating and authorizing access to and accounting for wireless access vehicular environment consumption by client devices
 (51) Int. Cl.
H04W 12/06 (2021.01)
H04W 4/40 (2018.01)
 (43) 23.05.2024
 (62) 2017445300
 (72) NATHANSON, Martin D.
 (74) Spruson & Ferguson

(71) PELL Bio-Med Technology Co., Ltd.
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 (21) 2023214249 (22) 08.08.2023
 (54) METHOD FOR PRODUCING HUMAN CHIMERIC ANTIGEN RECEPTOR T-CELL POPULATION ENRICHED WITH STEM CELL-LIKE MEMORY T-CELLS
 (51) Int. Cl.
C12N 5/0783 (2010.01)
C12N 5/10 (2006.01)
C12N 15/867 (2006.01)
 (31) 111142071 (32) 03.11.22 (33) TW
 (43) 23.05.2024
 (72) Lin, Chien-Ting; Lin, Chen-Lung; Lai, Yi-Hui; Lin, Xuan-Hui; Tung, Tzu-Hsun
 (74) Madderns Pty Ltd

(71) Phoenix Underground Pty Ltd; OSTROJ a.s.
 (11) AU-A-2023263457
 (21) 2023263457 (22) 07.11.2023
 (54) Tailgate Roadway Support System
 (51) Int. Cl.
E21D 23/04 (2006.01)
E21C 41/18 (2006.01)
E21D 11/40 (2006.01)

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E21D 23/00 (2006.01)
E21D 23/03 (2006.01)
E21D 23/08 (2006.01)
E21D 23/14 (2006.01)
E21D 23/20 (2006.01)
E21D 23/26 (2006.01)
E21F 13/06 (2006.01)
(31) 2022903323 **(32)** 07.11.22 **(33)** AU
(43) 23.05.2024
(72) Jiri Hluchnik; Petr Bortlik; Scott David Vella; Tomas Kopecky
(74) Michael Buck IP

(71) Qingdao Economic And Technological Development Zone Haier Water Heater Co., Ltd; Haier Smart Home Co., Ltd.
(11) AU-A-2023210633
(21) 2023210633 **(22)** 03.08.2023
(54) Electric box of heat-pump water heater and heat-pump water heater
(51) Int. Cl.
H02K 7/00 (2006.01)
H02G 3/00 (2006.01)
(31) 202211390794.8 **(32)** 07.11.22 **(33)** CN
(43) 23.05.2024
(72) GUO, Shaobo; WANG, Dejun; LIANG, Nengshui; DU, Zhijie; TIAN, Haiyan; YU, Jinxia; JING, Yantao
(74) Allens Patent & Trade Mark Attorneys

(71) Quantum-Si Incorporated
(11) AU-A-2024202950
(21) 2024202950 **(22)** 03.05.2024
(54) Hand-held, massively-parallel, bio-opto-electronic instrument
(51) Int. Cl.
G01N 21/62 (2006.01)
G01N 21/64 (2006.01)
(43) 23.05.2024
(62) 2018307770
(72) ROTHBERG, Jonathan M.; CIPRI-ANY, Benjamin; REARICK, Todd; GLENN, Paul E.; AHMAD, Faisal R.; ROSWECH, Todd; LATHROP, Brittany; CONNOLLY, Thomas
(74) Davies Collison Cave Pty Ltd

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(21) 2022268295

(71) Racing Australia Limited
(11) AU-A-2024203052
(21) 2024203052 **(22)** 08.05.2024
(54) A helmet and manufacture thereof
(51) Int. Cl.
A42B 3/12 (2006.01)
A63B 71/10 (2006.01)
B32B 5/18 (2006.01)
(43) 23.05.2024
(62) 2018217432
(72) McMillan, Allen Ronald
(74) Allens Patent & Trade Mark Attorneys

(71) Radio Flyer Inc.
(11) AU-A-2024202971
(21) 2024202971 **(22)** 06.05.2024
(54) Foldable beach wagon
(51) Int. Cl.
B62B 3/02 (2006.01)
B62B 5/06 (2006.01)
(43) 23.05.2024
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(72) DeBRY, Garrett
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(71) Radius Health, Inc.
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(51) Int. Cl.
C07K 14/47 (2006.01)
A61K 38/16 (2006.01)
A61K 38/29 (2006.01)
A61P 19/02 (2006.01)
A61P 19/04 (2006.01)
A61P 19/08 (2006.01)
A61P 19/10 (2006.01)
(43) 23.05.2024
(62) 2020267182
(72) HATTERSLEY, Gary
(74) Spruson & Ferguson

(71) RAVENCO. PTY LTD
(11) AU-A-2023327764
(21) 2023327764 **(22)** 03.11.2023
(54) A STRUCTURAL DISPLACEMENT MONITORING SYSTEM
(51) Int. Cl.
G01C 9/00 (2006.01)
E02D 1/06 (2006.01)
G01B 11/26 (2006.01)
G01C 5/00 (2006.01)
G01C 9/06 (2006.01)
G01S 7/00 (2006.01)
G01S 17/06 (2006.01)
G01S 17/50 (2006.01)
H01S 3/00 (2006.01)
H04B 10/50 (2013.01)
H04B 17/10 (2015.01)

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(43) 23.05.2024
(72) YOUNG, Robert
(74) Patentec Patent Attorneys

Regeneron Pharmaceuticals, Inc. see Inovio Pharmaceuticals, Inc.
(21) 2024202791

Retallick, B. see Go Bungy International Pte. Ltd.
(21) 2022287642

(71) Rodwell, O.; Gottass, T.
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(21) 2022279389 **(22)** 28.11.2022
(54) Hole Cleaner
(51) Int. Cl.
A01B 1/02 (2006.01)

B08B 1/00 (2006.01)
B08B 1/16 (2024.01)
B08B 13/00 (2006.01)
E02F 3/02 (2006.01)
E21B 11/00 (2006.01)
E21D 1/02 (2006.01)
E02D 13/08 (2006.01)
(31) 2022903277 **(32)** 03.11.22 **(33)** AU
(43) 23.05.2024
(72) Gottaas, Timothy; Rodwell, Oliver
(74) Oliver Roch Rodwell

(71) Rollspack Pty Ltd
(11) AU-A-2024202919
(21) 2024202919 **(22)** 02.05.2024
(54) A METHOD AND PRODUCT FOR TRACKING CURRENCY TRANSFER
(51) Int. Cl.
G07K 11/30 (2019.01)
G06Q 20/40 (2012.01)
G07D 11/22 (2019.01)
(43) 23.05.2024
(62) 2020359666
(72) ROLLS, Phillip; ASHBY, Craig
(74) Jones Tulloch

Saga University see Kyocera Corporation
(21) 2024202891

(71) SAGE GEOSYSTEMS INC.
(11) AU-A-2024202982
(21) 2024202982 **(22)** 06.05.2024
(54) Geopressure and geothermal power system
(51) Int. Cl.
E21B 41/00 (2006.01)
F03G 4/00 (2006.01)
F03G 7/04 (2006.01)
(43) 23.05.2024
(62) 2022382403
(72) WEISS, Nathan; SIMPKINS, Douglas; RING, Lev; COOK, Robert
(74) GLMR

(71) Sage Therapeutics, Inc.
(11) AU-A-2024202959
(21) 2024202959 **(22)** 03.05.2024
(54) Compositions and methods for treating CNS disorders
(51) Int. Cl.

C07J 43/00 (2006.01)
A01N 51/00 (2006.01)
(43) 23.05.2024
(62) 2021218132
(72) MARTINEZ BOTELLA, Gabriel; SALITURO, Francesco G.; ROBICHAUD, Albert Jean; HARRISON, Boyd L.
(74) Spruson & Ferguson

(71) Sanofi Biotechnology SAS
(11) AU-A-2024202910
(21) 2024202910 **(22)** 02.05.2024
(54) Anti-IL-1R3 antibodies for use in inflammatory conditions
(51) Int. Cl.
A61P 29/00 (2006.01)

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C07K 16/28 (2006.01)
(43) 23.05.2024
(62) 2018267092
(72) Fischer, Stephan; Beckmann, Karsten
(74) Griffith Hack

(71) Schneider Electric Industries SAS
(11) AU-A-2023258406
(21) 2023258406 **(22)** 02.11.2023
(54) POWER TRANSFER SWITCHING DEVICE
(51) Int. Cl.
H01R 13/58 (2006.01)
H01R 9/15 (2006.01)
H01R 11/11 (2006.01)
(31) 202222944639.8 **(32)** 04.11.22 **(33)** CN
(43) 23.05.2024
(72) Wei Wu; Xiaojing Zeng; Haoyu Xie; Baoyun Bi
(74) Madderns Pty Ltd

(71) Schweerbau International GmbH & Co. KG
(11) AU-A-2023263464
(21) 2023263464 **(22)** 08.11.2023
(54) SUCTION DEVICE FOR PARTICLES DURING MACHINING PROCESSING OF TRACK RAILS
(51) Int. Cl.
F04D 7/04 (2006.01)
A47L 5/00 (2006.01)
B08B 15/04 (2006.01)
E01B 31/13 (2006.01)
F04D 17/16 (2006.01)
F04D 29/22 (2006.01)
F04D 29/70 (2006.01)
(31) 10 2022 129 601.6 **(32)** 09.11.22 **(33)** DE
(43) 23.05.2024
(72) Frank Mevert
(74) Ahearn Fox

(71) Seattle Children's Hospital (dba Seattle Children's Research Institute)
(11) AU-A-2024202827
(21) 2024202827 **(22)** 30.04.2024
(54) Engraftable cell-based immunotherapy for long-term delivery of therapeutic proteins
(51) Int. Cl.
A61K 35/12 (2015.01)
A61K 35/17 (2015.01)
A61K 35/28 (2015.01)
A61K 39/395 (2006.01)
C12N 5/0781 (2010.01)
C12N 5/0789 (2010.01)
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H04W 72/04 (2023.01)
H04L 5/16 (2006.01)
H04W 16/04 (2009.01)
H04W 16/10 (2009.01)
H04W 28/26 (2009.01)
H04W 72/02 (2009.01)
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(51) Int. Cl.
H04W 60/04 (2009.01)
H04W 8/02 (2009.01)
H04W 36/00 (2009.01)
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H04W 76/00 (2018.01)
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(54) User equipment (UE)
(51) Int. Cl.
H04W 8/02 (2009.01)
H04W 4/90 (2018.01)
H04W 36/14 (2009.01)
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H04W 48/02 (2009.01)
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A61N 1/32 (2006.01)
A61B 5/01 (2006.01)
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G06Q 10/00 (2023.01)
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C07D 215/227 (2006.01)
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A61Q 11/00 (2006.01)
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B60W 50/08 (2020.01)
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 C01B 13/08 (2006.01)
 B01J 8/18 (2006.01)
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 F23C 10/00 (2006.01)

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 C12N 15/09 (2006.01)
 A61K 31/7115 (2006.01)
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 C07H 21/02 (2006.01)
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 A61K 31/675 (2006.01)
 A61K 41/00 (2020.01)
 A61B 5/02 (2006.01)
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 F24F 12/00 (2006.01)
 F24F 1/0035 (2019.01)
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 F24C 15/20 (2006.01)

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 G06Q 20/00 (2012.01)
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A61K 9/127 (2006.01)
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A61K 47/10 (2017.01)
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2022263587	The Crown Group of Companies (Proprietary) Limited	2023278066	TRINA SOLAR CO., LTD
2022263601	Menzies, G.W.	2023327764	RAVENCO. PTY LTD
2022263611	Australian Valve Group Pty Ltd	2023331397	WUHAN NARI LIMITED LIABILITY COMPANY OF STATE GRID ELECTRIC POWER RESEARCH INSTITUTE
2022268271	Vile, J.	2023348037	TOP CAP HOLDING GMBH
2022268295	Universitatea de Medicină, Farmacie, Științe și Tehnologie "George Emil Palade" din Târgu Mureș; Queensland Eye Institute Foundation	2024201989	Consolidated Metco, Inc.
2022268346	Zell, J.	2024202275	Sigma-Aldrich Co. LLC.
2022279389	Rodwell, O.; Gottass, T.	2024202386	OCCIPO Ltd.
2022287642	Go Bungy International Pte. Ltd.; Retallick, B.	2024202597	Beijing Roborock Technology Co., Ltd
2022348885	Auf, W.	2024202648	Monsanto Technology LLC
2022348887	I.T.S. GmbH	2024202734	Fisher & Paykel Healthcare Limited
2022459564	XIAMEN HITHIUM ENERGY STORAGE TECHNOLOGY CO., LTD.	2024202772	Xeris Pharmaceuticals, Inc.
2023200208	Soin Neuroscience, LLC	2024202788	Paratek Pharmaceuticals, Inc.
2023200388	Sharp Kabushiki Kaisha	2024202791	Inovio Pharmaceuticals, Inc.; Regeneron Pharmaceuticals, Inc.
2023200629	Sharp Kabushiki Kaisha	2024202823	Duracell U.S. Operations, Inc.
2023200633	Sharp Kabushiki Kaisha	2024202824	LivePerson, Inc.
2023202170	Cooke, K.	2024202825	Tencent America LLC
2023203324	GLAC BIOTECH CO., LTD.	2024202827	Seattle Children's Hospital (dba Seattle Children's Research Institute)
2023206118	GLAC BIOTECH CO., LTD.	2024202828	WENZHOU JIANXI STATIONERY CO., LTD.
2023206149	ANDREEV, P.R.	2024202830	Ocado Innovation Limited
2023210633	Qingdao Economic And Technological Development Zone Haier Water Heater Co., Ltd; Haier Smart Home Co., Ltd.	2024202831	MAID IP Holdings Pty Ltd
2023214249	PELL Bio-Med Technology Co., Ltd.	2024202832	Genentech, Inc.
2023216732	PANGANG GROUP PANZHUIHUA IRON & STEEL RESEARCH INSTITUTE CO., LTD.	2024202834	Paxgrid Cdn Inc.
2023216810	PANGANG GROUP PANZHUIHUA IRON & STEEL RESEARCH INSTITUTE CO., LTD.	2024202835	Karyopharm Therapeutics Inc.
2023216880	Adobe Inc.	2024202837	Tencent America LLC
2023219932	Evolutive Labs Co., Ltd.	2024202838	AL-SAAD, H.
2023223003	J A Redekop Holdings Ltd.	2024202842	Lineage Logistics, LLC
2023226716	Deere & Company	2024202844	Translate Bio, Inc.
2023226728	Deere & Company	2024202845	OJO Labs, Inc.
2023226730	Deere & Company	2024202846	Cancer Advances Inc.
2023226755	Adobe Inc.	2024202847	CFPH, LLC
2023226758	Adobe Inc.	2024202848	Alcon Inc.
2023226771	Adobe Inc.	2024202849	Illinois Tool Works Inc.
2023229487	Graham, G.	2024202851	FISHER & PAYKEL HEALTHCARE LIMITED
2023237122	China University of Mining and Technology	2024202853	ELTA Systems Ltd.
2023248187	EXEL INDUSTRIES	2024202854	Cirkul, Inc.
2023251405	DAZLM PTY LTD	2024202855	Fraunhofer-Gesellschaft Zur Förderung Der Angewandten Forschung E.V.
2023251407	DAZLM PTY LTD	2024202857	Boris Fridman-Mintz
2023251408	DAZLM PTY LTD	2024202858	FLSmith A/S
2023251409	DAZLM PTY LTD	2024202860	Ji Xing Pharmaceuticals Hong Kong Limited
2023251446	Deltatek Oil Tools Ltd.	2024202861	CinDome Pharma, Inc.
2023254917	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI	2024202863	ConMed Corporation
2023254945	KOREA INSTITUTE OF GEOSCIENCE AND MINERAL RESOURCES	2024202864	JC Medical, Inc.
2023254963	Illinois Tool Works Inc.	2024202865	THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY
2023254994	Techtronic Cordless GP	2024202866	Globalforce IP Limited
2023258333	Mathers Hydraulics Technologies Pty Ltd	2024202867	Huawei Technologies Co., Ltd.
2023258354	FUJI KOGYO CO., LTD.	2024202868	Karyopharm Therapeutics, Inc.
2023258406	Schneider Electric Industries SAS	2024202869	Stryker Corporation
2023258437	Aristocrat Technologies, Inc.	2024202872	Kodiak Sciences Inc.
2023258441	Mohan, K.	2024202874	Global International Trading Limited
2023258462	Indefatigable Holdings Pty Ltd	2024202877	Opko Ireland Global Holdings, Ltd.
2023263425	Siemens Mobility, Inc.	2024202878	DRAEGER SAFETY AG & CO. KGAA
2023263435	The Raymond Corporation	2024202879	University of Maryland, Baltimore; The USA as represented by the Department of Veterans Affairs; Dept. of Veterans Affairs Office of General Counsel - PAG IV (024)
2023263438	Bullfrog International, L.C.	2024202880	Block, Inc.
2023263443	ERICO International Corporation	2024202885	Zogenix International Limited
2023263457	Phoenix Underground Pty Ltd; OSTROJ a.s.	2024202888	BROLOCK PTY LTD
2023263464	Schweerbau International GmbH & Co. KG		
2023263475	James Hardie Technology Limited		
2023263489	360 TWO Pty Ltd		

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2024202890	Kyocera Corporation	2024203021	Apple Inc.
2024202891	Kyocera Corporation; Saga University	2024203022	Universitätsspital Basel
2024202892	Fertin Pharma A/S	2024203023	Covco (H.K.) Limited
2024202894	Mapp Biopharmaceutical, Inc.	2024203025	InterDigital VC Holdings, Inc.
2024202896	Braincare Desenvolvimento E Inovação Tecnológica S.A.	2024203027	LG Electronics Inc.
2024202897	Novartis AG	2024203030	Fisher & Paykel Healthcare Limited
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2024202899	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	2024203032	LG Electronics Inc.
2024202900	The Board of Trustees of the Leland Stanford Junior University	2024203035	Zeenar Enterprises Pty Ltd
2024202901	Father Flanagan's Boys' Home doing business as Boys Town National Research Hospital	2024203037	Telefonaktiebolaget LM Ericsson (publ)
2024202902	Eavor Technologies Inc.	2024203038	Gas Technology Institute
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2024202911	Walker Digital Table Systems, LLC	2024203045	Boehringer Ingelheim International GmbH
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2024202914	Intuit Inc.	2024203052	Racing Australia Limited
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2024202919	Rollspack Pty Ltd		
2024202921	Eli Lilly and Company		
2024202925	BASF Corporation		
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2024202935	Apple Inc.		
2024202936	Apple Inc.		
2024202939	Titan Trailers Inc.		
2024202944	MatOrtho Limited		
2024202946	MasterCard International Incorporated		
2024202949	International Business Machines Corporation		
2024202950	Quantum-Si Incorporated		
2024202951	NANCARROW HOLDINGS PTY LTD		
2024202952	Radius Health, Inc.		
2024202953	Vutility, Inc.		
2024202957	Sullivan, D.; Heenan, J.; Crook, E.; Akulshin, R.		
2024202959	Sage Therapeutics, Inc.		
2024202962	Optimum Tracker		
2024202971	Radio Flyer Inc.		
2024202973	Ecolab USA Inc.		
2024202975	Fisher & Paykel Healthcare Limited		
2024202976	Fisher & Paykel Healthcare Limited		
2024202977	Aurinia Pharmaceuticals Inc.		
2024202979	Koninklijke Douwe Egberts B.V.		
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2024202992	National Oilwell Varco, L.P.		
2024202993	Zeenar Enterprises Pty Ltd		
2024202995	Bruin Biometrics LLC		
2024202996	Harrison, T.		
2024202997	The Procter & Gamble Company		
2024202998	Anavex Life Sciences Corp.		
2024202999	The University of Newcastle		
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2024203008	Visa U.S.A. Inc		
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2024203012	The Global Alliance for TB Drug Development, Inc.		
2024203014	NextKidney SA		
2024203015	Flying Fin Systems Pty Ltd		
2024203018	OCTOPUS ENERGY HEATING LIMITED		
2024203019	FISHER & PAYKEL HEALTHCARE LIMITED		

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<u>B63H 21/-</u> 2024202831	<u>C07D 211/-</u> 2024202897	<u>C10N 30/-</u> 2024203007	<u>E02D 1/-</u> 2023327764	<u>E21B 43/-</u> 2023251446	<u>F24C 15/-</u> 2022268271
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<u>B64C 27/-</u> 2024202990	<u>C07D 249/-</u> 2024202868	<u>C11D 1/-</u> 2024202898	<u>E02F 3/-</u> 2022279389 2023226728	<u>E21B 7/-</u> 2023251407 2023251408	<u>F24D 17/-</u> 2024203018
<u>B64C 29/-</u> 2024202990	<u>C07D 263/-</u> 2024203012	<u>C11D 10/-</u> 2024202898	<u>E03C 1/-</u> 2024203051	<u>E21C 41/-</u> 2023263457	<u>F24D 19/-</u> 2024203018
<u>B64C 39/-</u> 2023206149	<u>C07D 307/-</u> 2024202998	<u>C12N 1/-</u> 2023203324 2023206118	<u>E04H 12/-</u> 2023258462	<u>E21D 1/-</u> 2022279389	<u>F24F 1/-</u> 2022268271
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<u>B65D 51/-</u> 2023219932	<u>C07J 43/-</u> 2024202959	<u>C12Q 1/-</u> 2024202865	<u>E05F 1/-</u> 2024202888	<u>F04C 2/-</u> 2022263587	<u>F24H 7/-</u> 2024203018
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<p>(71) ABBOTT DIABETES CARE INC. (11) AU-A-2022382954 (21) 2022382954 (22) 04.11.2022 (54) METHODS, DEVICES, AND SYSTEMS FOR ADJUSTING LABORATORY HBA1C VALUES (51) Int. Cl. <i>G16H 40/60</i> (2018.01) <i>G16H 50/20</i> (2018.01) <i>G16H 50/30</i> (2018.01) (87) WO2023/081391 (31) 63/276,266 (32) 05.11.21 (33) US 63/292,915 22.12.21 US 63/326,231 31.03.22 US (43) 11.05.2023 (72) DUNN, Timothy, C.; XU, Yongjin (74) FPA Patent Attorneys Pty Ltd</p>	<p>(71) ABIOMED, INC. (11) AU-A-2022387099 (21) 2022387099 (22) 10.11.2022 (54) MULTI-SENSOR INTERFEROMETRY SYSTEMS AND METHODS (51) Int. Cl. <i>A61B 5/0215</i> (2006.01) <i>A61B 5/00</i> (2006.01) <i>A61M 60/17</i> (2021.01) (87) WO2023/086472 (31) 63/278,320 (32) 11.11.21 (33) US (43) 19.05.2023 (72) SHIP, Alexander (74) Davies Collison Cave Pty Ltd</p>	<p>(71) AGXEED HOLDING B.V. (11) AU-A-2022406283 (21) 2022406283 (22) 06.12.2022 (54) A METHOD FOR CULTIVATING A PIECE OF FARMLAND AND A TRACTOR FOR EMPLOYING THE METHOD (51) Int. Cl. <i>A01B 69/00</i> (2006.01) (87) WO2023/106918 (31) 2030058 (32) 07.12.21 (33) NL (43) 15.06.2023 (72) HIDDEMA, Joris Jan; SCHMITZ, Laurentius Hubertus Margaretha (74) Spruson & Ferguson</p>
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A61K 47/10 (2017.01)
A61K 47/24 (2006.01)
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C07D 403/12 (2006.01)
A61K 31/517 (2006.01)
A61P 35/00 (2006.01)
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 (54) ANATOMICAL TALAR COMPONENT DESIGN FOR TOTAL ANKLE REPLACEMENT
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A61F 2/42 (2006.01)
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A61F 2/30 (2006.01)
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A61F 2/42 (2006.01)
B81C 1/00 (2006.01)
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A61B 17/16 (2006.01)
A01L 11/00 (2006.01)
A61B 17/56 (2006.01)
A61F 2/46 (2006.01)
B23D 9/00 (2006.01)
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A61B 1/04 (2006.01)
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A61B 5/00 (2006.01)
A61C 9/00 (2006.01)
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A61B 5/00 (2006.01)
G06T 7/00 (2017.01)
G16H 50/20 (2018.01)
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G10L 19/018 (2013.01)
H04N 21/462 (2011.01)
G06F 16/955 (2019.01)
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C07K 14/715 (2006.01)
A61K 35/17 (2015.01)
A61K 38/17 (2006.01)
A61K 47/68 (2017.01)
A61P 37/06 (2006.01)
C07K 14/525 (2006.01)
C07K 16/00 (2006.01)
C07K 19/00 (2006.01)
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B01J 13/00 (2006.01)
C08B 3/10 (2006.01)
C09K 23/48 (2022.01)
C11D 1/66 (2006.01)
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 G16H 40/20 (2018.01)
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 B24C 5/04 (2006.01)
 B24C 9/00 (2006.01)
 B25G 1/06 (2006.01)
 A61C 3/02 (2006.01)
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 B05B 15/60 (2018.01)
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 A61K 31/70 (2006.01)
 A61K 31/7016 (2006.01)
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 C22C 38/02 (2006.01)
 C21D 8/02 (2006.01)
 C22C 33/04 (2006.01)
 C22C 38/04 (2006.01)
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 A01N 37/40 (2006.01)
 A01N 57/20 (2006.01)
 A01P 13/00 (2006.01)
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 A61L 24/00 (2006.01)
 A61L 24/04 (2006.01)
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 A61M 1/28 (2006.01)
 A61M 1/16 (2006.01)
 A61M 1/36 (2006.01)
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C12N 9/02 (2006.01)
A01G 7/06 (2006.01)
A01G 13/00 (2006.01)
A01G 22/00 (2018.01)
A01H 5/00 (2018.01)
A01H 6/20 (2018.01)
A01H 6/54 (2018.01)
C12N 15/53 (2006.01)
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A61K 9/08 (2006.01)
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C12N 1/20 (2006.01)
A01N 63/20 (2020.01)
A01N 63/28 (2020.01)
A01H 3/00 (2006.01)
A01N 63/22 (2020.01)
C12Q 1/02 (2006.01)
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A61K 31/7105 (2006.01)
A61P 31/04 (2006.01)
C12N 9/48 (2006.01)
G01N 33/53 (2006.01)
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C12Q 1/6806 (2018.01)
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A61K 31/415 (2006.01)
A61P 31/14 (2006.01)
(87) WO2023/092180
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(54) VEGAN SEAFOOD SUBSTITUTE PRODUCT
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A23J 3/22 (2006.01)
A23J 3/26 (2006.01)
A23L 29/256 (2016.01)
A23P 30/10 (2016.01)
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C03B 37/04 (2006.01)
B23K 26/382 (2014.01)
B23K 26/402 (2014.01)
B23K 103/00 (2006.01)
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A61L 27/28 (2006.01)
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A61L 27/50 (2006.01)
A61F 2/12 (2006.01)
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B41C 1/02 (2006.01)
B29C 45/37 (2006.01)
B44B 5/00 (2006.01)
B41C 1/05 (2006.01)
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A61B 1/008 (2006.01)
A61B 1/005 (2006.01)
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- (51) Int. Cl.
C12N 15/10 (2006.01)
A61K 31/7088 (2006.01)
A61K 38/16 (2006.01)
A61K 48/00 (2006.01)
C12N 15/82 (2006.01)
C12N 15/85 (2006.01)
C12Q 1/68 (2018.01)
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TAMINANTS, AND PHYSICAL CHAR-
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AGEMENT SYSTEMS
- (51) Int. Cl.
A61M 5/00 (2006.01)
A61B 5/03 (2006.01)
A61M 27/00 (2006.01)
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A61K 51/12 (2006.01)
A61M 36/14 (2006.01)
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E03D 9/00 (2006.01)
A61L 2/02 (2006.01)
A61L 2/16 (2006.01)
C11D 3/34 (2006.01)
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A23J 7/00 (2006.01)
A23L 29/10 (2016.01)
A23L 33/00 (2016.01)
A23L 33/115 (2016.01)
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NECT MECHANISM
- (51) Int. Cl.
G21C 7/117 (2006.01)
G21C 7/08 (2006.01)
G21C 7/10 (2006.01)
G21C 7/11 (2006.01)
G21C 7/12 (2006.01)
G21C 7/14 (2006.01)
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NECT MECHANISM
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G21C 7/117 (2006.01)
G21C 7/14 (2006.01)
G21C 19/10 (2006.01)
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 (51) Int. Cl.
G21C 7/10 (2006.01)
G21C 7/117 (2006.01)
G21C 7/12 (2006.01)
G21C 9/02 (2006.01)
G21C 7/00 (2006.01)
G21C 7/06 (2006.01)
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G21C 7/16 (2006.01)
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G21C 7/10 (2006.01)
G21C 1/08 (2006.01)
G21C 3/22 (2006.01)
G21C 7/16 (2006.01)
G21D 3/08 (2006.01)
G21C 15/08 (2006.01)
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C07D 417/04 (2006.01)
A61K 31/433 (2006.01)
C07D 417/14 (2006.01)
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C07D 417/04 (2006.01)
A61K 31/433 (2006.01)
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 (51) Int. Cl.
G06F 18/2453 (2023.01)
G06N 3/08 (2023.01)
H04L 41/0893 (2022.01)
H04L 41/16 (2022.01)
H04L 43/02 (2022.01)
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A61K 31/4192 (2006.01)
A61P 13/00 (2006.01)
A61P 13/04 (2006.01)
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C01B 32/372 (2017.01)
B01J 20/20 (2006.01)
C01B 32/30 (2017.01)
C01B 32/354 (2017.01)
C02F 1/28 (2023.01)
C08F 292/00 (2006.01)
C22B 7/00 (2006.01)
C09C 1/44 (2006.01)
C09C 3/10 (2006.01)
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 (54) NEW CONDUCTIVE ADDITIVE IN LITHIUM AND SODIUM BATTERIES
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H01M 4/13 (2010.01)
C01B 32/00 (2017.01)
H01M 4/62 (2006.01)
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H01M 4/133 (2010.01)
H01M 4/1393 (2010.01)
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 (21) 2022383138 (22) 03.11.2022
 (54) ISOLATION ROOM APPARATUS
 (51) Int. Cl.
 A61G 10/00 (2006.01)
 A61G 10/02 (2006.01)
 E04H 1/12 (2006.01)
 E04H 3/08 (2006.01)
 E04H 15/44 (2006.01)
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 H01R 13/62 (2006.01)
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 (51) Int. Cl.
 A61K 48/00 (2006.01)
 A61K 35/17 (2015.01)
 C12N 5/10 (2006.01)
 C12N 15/85 (2006.01)
 A61K 38/17 (2006.01)
 C12N 5/0786 (2010.01)
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 (54) COVER COMPONENT AND ELECTRONIC APPARATUS
 (51) Int. Cl.
 G06F 15/02 (2006.01)
 H05K 5/02 (2006.01)
 (87) WO2023/105949
 (31) 2021-200516 (32) 10.12.21 (33) JP
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(71) CCM TECHNOLOGIES LIMITED
 (11) AU-A-2022395926
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 (54) METHOD FOR PREPARING A FERTILISER COMPOSITION
 (51) Int. Cl.
 C05C 5/04 (2006.01)
 C05C 9/00 (2006.01)
 C05F 17/10 (2020.01)
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 (31) 2117190.5 (32) 29.11.21 (33) GB
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 (54) NEW TALE PROTEIN SCAFFOLDS WITH IMPROVED ON-TARGET/OFF-TARGET ACTIVITY RATIOS
 (51) Int. Cl.
 C12N 9/22 (2006.01)
 A61K 48/00 (2006.01)
 C12N 15/09 (2006.01)
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 (54) 1H-BENZO[B]AZEPIN-2(3H)-ONE COMPOUNDS, COMPOSITIONS AND METHODS OF TREATING CANCER
 (51) Int. Cl.
 C07D 223/16 (2006.01)
 A61K 31/55 (2006.01)
 A61P 35/00 (2006.01)
 C07D 403/04 (2006.01)
 C07D 405/12 (2006.01)
 C07D 413/04 (2006.01)
 C07D 417/04 (2006.01)
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 (54) LUBRICATING OIL COMPOSITIONS FOR ELECTRIC VEHICLES
 (51) Int. Cl.
 C10M 141/10 (2006.01)
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 (74) FPA Patent Attorneys Pty Ltd

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 (11) AU-A-2022376773
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 (54) PYRIDYL-CONTAINING COMPOUND
 (51) Int. Cl.
 C07D 249/08 (2006.01)
 A61K 31/4196 (2006.01)
 A61P 35/00 (2006.01)
 C07D 401/14 (2006.01)
 C07D 403/14 (2006.01)
 (87) WO2023/072248
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 (74) Davies Collison Cave Pty Ltd

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 (11) AU-A-2022368451
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 (54) METHODS AND NUCLEIC ACID MOLECULES FOR AAV VECTOR SELECTION
 (51) Int. Cl.
 C12N 15/10 (2006.01)
 C12N 15/86 (2006.01)
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 (11) AU-A-2023305026
 (21) 2023305026 (22) 21.07.2023
 (54) METHOD FOR EXCITING STEEL SLAG POWDER CEMENTING MATERIAL VIA CHEMICAL-PHYSICAL COUPLING, AND APPLICATION THEREOF
 (51) Int. Cl.
 C04B 7/153 (2006.01)
 C04B 7/38 (2006.01)
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 (74) Matthias Scholl Inc.

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 (54) POLYSACCHARIDES RESULTING IN IMPROVED WATER HOLDING CAPACITY OF DAIRY PRODUCTS

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C08B 37/00 (2006.01)
A23K 10/18 (2016.01)
A23L 29/00 (2016.01)
A23L 29/30 (2016.01)
A23L 33/135 (2016.01)
C08L 5/00 (2006.01)
C12N 1/20 (2006.01)
C12P 19/04 (2006.01)
C12R 1/46 (2006.01)
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(11) AU-A-2022286220
(21) 2022286220 (22) 03.06.2022
(54) NOVEL YHHS VARIANT AND METHOD FOR PRODUCING O-PHOSPHOSERINE, CYSTEINE, AND DERIVATIVE OF CYSTEINE USING SAME
- (51) Int. Cl.
C07K 14/245 (2006.01)
C12N 9/10 (2006.01)
C12N 9/16 (2006.01)
C12N 15/70 (2006.01)
C12P 13/06 (2006.01)
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(11) AU-A-2022396942
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(54) COMPOUNDS AND COMPOSITIONS THEREOF FOR THE TREATMENT OF CANCER
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A61K 51/08 (2006.01)
A61P 35/00 (2006.01)
C07B 59/00 (2006.01)
C07K 7/02 (2006.01)
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C23C 4/04 (2006.01)
C23C 4/134 (2016.01)
C23C 16/02 (2006.01)
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E03B 3/02 (2006.01)
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 G05B 19/045 (2006.01)
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 B63B 32/10 (2020.01)
 B63H 11/08 (2006.01)
 B63H 11/103 (2006.01)
 B63H 21/17 (2006.01)
 B63H 21/21 (2006.01)
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 B22F 10/22 (2021.01)
 B22F 3/115 (2006.01)
 B29C 64/153 (2017.01)
 B33Y 10/00 (2015.01)
 B33Y 30/00 (2015.01)
 B33Y 40/00 (2020.01)
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 H04S 7/00 (2006.01)
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H04S 7/00 (2006.01)
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H04S 7/00 (2006.01)
G10K 15/08 (2006.01)
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A61P 3/04 (2006.01)
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A61K 31/573 (2006.01)
A61K 45/06 (2006.01)
A61P 29/00 (2006.01)
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C07K 16/24 (2006.01)
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G01R 31/367 (2019.01)
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C07K 14/54 (2006.01)
A61K 38/00 (2006.01)
A61P 35/00 (2006.01)
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C07D 471/04 (2006.01)
A61K 31/437 (2006.01)
A61P 19/02 (2006.01)
A61P 25/04 (2006.01)
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B08B 9/04 (2006.01)
A46B 15/00 (2006.01)
A61B 90/70 (2016.01)
A61M 39/16 (2006.01)

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E03C 1/30 (2006.01)
B08B 9/04 (2006.01)
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A61K 31/4439 (2006.01)
C07D 401/14 (2006.01)
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A61K 31/4545 (2006.01)
C07D 401/12 (2006.01)
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G06F 16/9535 (2019.01)
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B21D 41/04 (2006.01)
B22F 3/15 (2006.01)
B23K 13/01 (2006.01)
B23K 20/02 (2006.01)
B23K 20/24 (2006.01)
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B30B 15/02 (2006.01)
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C07K 16/28 (2006.01)
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C07K 16/10 (2006.01)
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A46B 15/00 (2006.01)
A46B 3/20 (2006.01)
A46B 7/02 (2006.01)
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A46B 9/04 (2006.01)
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E21B 43/04 (2006.01)
E21B 43/08 (2006.01)
E21B 43/12 (2006.01)
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E21B 7/06 (2006.01)
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E21B 7/06 (2006.01)
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H05K 5/02 (2006.01)
G02B 6/00 (2006.01)
G09F 9/30 (2006.01)
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A61K 31/47 (2006.01)
A61K 31/4184 (2006.01)
A61P 25/00 (2006.01)
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C04B 7/47 (2006.01)
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A61K 47/54 (2017.01)
A61K 47/65 (2017.01)
A61P 31/04 (2006.01)
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C12Q 1/6883 (2018.01)
A23K 20/00 (2016.01)
A23K 50/40 (2016.01)
A61P 13/12 (2006.01)
G01N 33/50 (2006.01)
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 (72) BROCKMAN, Jeffrey; EPHRAIM, Eden
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H02J 3/14 (2006.01)
B60L 53/63 (2019.01)
H02J 3/38 (2006.01)
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 C07K 14/00 (2006.01)
 C12N 7/00 (2006.01)
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 B60D 1/24 (2006.01)
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 C10G 5/04 (2006.01)
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 C10G 21/20 (2006.01)
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 B01J 20/02 (2006.01)
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 B01J 20/28 (2006.01)
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 C10G 25/00 (2006.01)
 B01J 20/02 (2006.01)
 B01J 20/08 (2006.01)
 B01J 20/10 (2006.01)
 B01J 20/28 (2006.01)
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 (54) METHOD FOR CAPTURING MERCAPTANS USING A MESOPOROUS CAPTURE MASS
 (51) Int. Cl.
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 B01J 20/02 (2006.01)
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 (54) METHOD FOR TREATING A PETROL CONTAINING SULPHUR COMPOUNDS
 (51) Int. Cl.
 C10G 45/06 (2006.01)
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 (51) Int. Cl.
 C10G 45/38 (2006.01)
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 A61B 5/00 (2006.01)
 A61C 7/00 (2006.01)
 G06T 7/00 (2017.01)
 G06T 7/11 (2017.01)
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 B66C 1/42 (2006.01)
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 A61K 45/06 (2006.01)
 A61K 31/427 (2006.01)
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 C12Q 1/6848 (2018.01)
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 B62D 55/00 (2006.01)
 F24S 40/20 (2018.01)
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 H04L 9/32 (2006.01)
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 (51) Int. Cl.
 A61K 9/08 (2006.01)
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 (54) PRODUCTION METHOD FOR METAL IRON
 (51) Int. Cl.
 C21B 13/00 (2006.01)
 C21B 3/06 (2006.01)
 C21C 1/02 (2006.01)
 C22B 5/12 (2006.01)
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 (51) Int. Cl.
 G01S 17/931 (2020.01)
 G01C 21/00 (2006.01)
 G01S 17/88 (2006.01)
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 A23L 33/21 (2016.01)
 A61K 31/717 (2006.01)
 C08L 1/04 (2006.01)
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 (54) IMPROVED PROTECTIVE FACE MASK
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 A61M 16/06 (2006.01)
 A41D 13/11 (2006.01)
 A41D 31/02 (2019.01)
 (87) WO2023/059359
 (31) 17/450,228 (32) 07.10.21 (33) US
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 (72) KHALIL, Adam Magdi Lamei
 (74) FPA Patent Attorneys Pty Ltd
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 (11) AU-A-2021469432
 (21) 2021469432 (22) 21.10.2021
 (54) FOLDED SHEET DISPENSER
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 A47K 10/42 (2006.01)
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 (54) PHARMACEUTICAL COMPOSITIONS OF HUMANIZED ANTI-CD40 ANTIBODIES
 (51) Int. Cl.
 C07K 16/28 (2006.01)
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(54) AN OCULAR IMPLANT FOR THE TREATMENT OF GLAUCOMA
(51) Int. Cl.
A61F 9/007 (2006.01)
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(72) KONG, Yu Xiang George; LIANG, Yuanbo; LEE, Graham
(74) Patentec Patent Attorneys
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(11) AU-A-2022410372
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(54) A MARINE VESSEL PROPULSION DEVICE
(51) Int. Cl.
B63H 1/16 (2006.01)
B63H 5/14 (2006.01)
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(87) WO2023/111217
(31) 2151536-6 **(32)** 16.12.21 **(33)** SE
(43) 22.06.2023
(72) WALL, Jan
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(54) REMOTE CONTROL SYSTEM FOR WORK MACHINE
(51) Int. Cl.
G05D 1/00 (2024.01)
A01B 69/00 (2006.01)
(87) WO2023/089996
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(72) KOYAMA Yu; UMEMOTO Susumu; ISHIKAWA Shinnosuke; SAKUTA Ken
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(54) DEVICE FOR CONTROLLING AT LEAST ONE PIECE OF AGRICULTURAL MACHINERY THAT IS MOVABLE WITHIN AN AGRICULTURAL PLOT
(51) Int. Cl.
A01D 75/18 (2006.01)
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(54) SILICA CONTAMINATION INHIBITION METHOD AND SILICA CONTAMINATION INHIBITOR FOR REVERSE OSMOSIS MEMBRANE SYSTEM
(51) Int. Cl.
B01D 65/08 (2006.01)
B01D 61/04 (2006.01)
C02F 5/00 (2023.01)
C02F 5/10 (2023.01)
C02F 5/12 (2023.01)
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B65G 39/02 (2006.01)
B65G 15/60 (2006.01)
F16C 13/00 (2006.01)
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- (71)** LAITRAM, L.L.C.
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B65G 45/20 (2006.01)
F16D 1/112 (2006.01)
F16D 1/08 (2006.01)
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B65G 23/06 (2006.01)
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(54) CERVICAL INSPECTION DEVICE, METHODS OF CONTROL THEREOF, AND CERVICAL SAMPLING BRUSH
(51) Int. Cl.
A61B 10/02 (2006.01)
A61B 1/303 (2006.01)
A61B 17/42 (2006.01)
A61M 29/00 (2006.01)
A61B 10/00 (2006.01)
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(74) IP Guardian Pty Ltd
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(21) 2022376208 **(22)** 30.05.2022
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H05B 6/64 (2006.01)
F24C 15/00 (2006.01)
F24C 15/02 (2006.01)
G06V 40/10 (2022.01)
H04N 23/57 (2023.01)
H04N 23/90 (2023.01)
H04R 9/08 (2006.01)
H04W 4/80 (2018.01)
H05B 6/76 (2006.01)
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(74) FB Rice Pty Ltd
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(54) METHOD FOR UPGRADING HOME APPLIANCE, AND DEVICE FOR IMPLEMENTING SAME
(51) Int. Cl.
G06F 8/65 (2018.01)
G06F 8/61 (2018.01)
G06F 9/51 (2018.01)
G06F 9/54 (2006.01)
G06F 11/32 (2006.01)
H04L 12/28 (2006.01)
H04L 67/00 (2022.01)
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C07K 16/30 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
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A61B 5/372 (2021.01)
A61B 5/00 (2006.01)
A61B 5/256 (2021.01)
A61B 5/291 (2021.01)
A61B 5/375 (2021.01)
A61B 5/395 (2021.01)
A61N 1/04 (2006.01)
A61N 1/36 (2006.01)
A61N 1/378 (2006.01)
A61N 2/00 (2006.01)
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A47L 1/02 (2006.01)
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 (72) GAO, Xiongwei; LUO, Jichuan
 (74) A.P.T. Patent and Trade Mark Attorneys
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B62B 7/08 (2006.01)
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 (54) METHODS AND COMPOSITIONS FOR PROTEIN DETECTION
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C07K 16/12 (2006.01)
C12N 15/10 (2006.01)
C40B 70/00 (2006.01)
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B62D 7/15 (2006.01)
B66F 9/075 (2006.01)
B66F 9/22 (2006.01)
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B30B 9/30 (2006.01)
B65F 5/00 (2006.01)
B65G 53/04 (2006.01)
B65G 53/12 (2006.01)
B65G 53/28 (2006.01)
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A61J 11/00 (2006.01)
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 (51) Int. Cl.
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C12Q 1/6886 (2018.01)
C12N 15/10 (2006.01)
C12Q 1/6806 (2018.01)
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 (74) Davies Collison Cave Pty Ltd
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 (21) 2022375672 (22) 26.10.2022
 (54) SYSTEMS AND METHODS FOR GENERATING A CORRECTED PLANAR SCINTIGRAPHY IMAGE (CPSI)
 (51) Int. Cl.
A61B 6/00 (2006.01)
G06T 11/00 (2006.01)
 (87) WO2023/076422
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 (21) 2022383191 (22) 04.11.2022
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 (51) Int. Cl.
G16H 30/40 (2018.01)
G01N 33/574 (2006.01)
G16H 30/20 (2018.01)
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 (54) SYSTEMS AND METHODS FOR CANCER WHOLE GENOME AND TRANSCRIPTOME SEQUENCING (CWGTS)
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 (54) INDOOR UNIT AND AIR CONDITIONER
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F24F 13/20 (2006.01)
F24F 13/08 (2006.01)
F24F 13/24 (2006.01)
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 (54) COMPRESSOR AND DESIGN METHOD FOR SAME
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F04C 29/06 (2006.01)
F04B 39/00 (2006.01)
F04C 29/12 (2006.01)
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B01D 35/06 (2006.01)
B03C 5/02 (2006.01)
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F03D 13/10 (2016.01)
E04H 12/10 (2006.01)
E04H 12/18 (2006.01)
F03D 13/20 (2016.01)
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(51) Int. Cl.
A61K 47/54 (2017.01)
A61K 31/704 (2006.01)
A61K 47/62 (2017.01)
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A61P 35/00 (2006.01)
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C07D 295/16 (2006.01)
A61K 31/397 (2006.01)
A61K 31/495 (2006.01)
A61K 31/496 (2006.01)
A61P 35/00 (2006.01)
C07D 405/06 (2006.01)
C07D 405/14 (2006.01)
C07D 487/10 (2006.01)
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C09D 11/52 (2014.01)
C09D 11/02 (2014.01)
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G03B 15/10 (2021.01)
G06T 7/32 (2017.01)
G06F 3/048 (2013.01)
G06T 7/33 (2017.01)
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(72) SIDDIQUI, Matheen
(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
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(21) 2022387845 (22) 14.11.2022
(54) ENGINEERED T CELLS WITH REDUCED TGF-BETA RECEPTOR SIGNALING
(51) Int. Cl.
C12N 5/10 (2006.01)
A61K 35/17 (2015.01)
A61P 35/00 (2006.01)
C07K 14/715 (2006.01)
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C12Q 1/6851 (2018.01)
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C12N 9/22 (2006.01)
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(21) 2023317336 (22) 02.08.2023
(54) SEPARATION MEMBRANE MODULE
(51) Int. Cl.
B01D 63/06 (2006.01)
B01D 53/22 (2006.01)
B01J 8/02 (2006.01)
C10L 1/02 (2006.01)
(87) WO2024/029574
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- (71) NICOVENTURES TRADING LIMITED
(11) AU-A-2022398365
(21) 2022398365 (22) 08.11.2022
(54) DISPLAY CONTROL FOR AEROSOL-GENERATING DEVICE AND SYSTEM
(51) Int. Cl.
A24F 40/60 (2020.01)
G06F 1/16 (2006.01)
G09G 3/00 (2006.01)
(87) WO2023/094793
(31) 2117069.1 (32) 26.11.21 (33) GB
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(51) Int. Cl.
C07C 253/32 (2006.01)
C07C 211/05 (2006.01)
C07C 255/54 (2006.01)
(87) WO2023/064305
(31) PCT/ (32) 12.10.21 (33) CN
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(72) COOK, Charles M.; FU, Jiping; HE, Yigang; LOU, Yan; CHEN, Rongzhen; DONG, Yan
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<p>(71) NITROCHEMIE ASCHAU GMBH (11) AU-A-2022400169 (21) 2022400169 (22) 24.11.2022 (54) COMPOSITION FOR SILICONE RUBBER MATERIALS (51) Int. Cl. C08L 83/04 (2006.01) (87) WO2023/099331 (31) 10 2021 131 400.3 (32) 30.11.21 (33) DE (43) 08.06.2023 (72) SCHUCK, Rüdiger; LIPPSTREU, Jörg; KRUPP, Alexis; KNOTT, Thomas; PICHL, Ulrich (74) Ahearn Fox</p>	<p>(43) 22.06.2023 (72) KJELDSEN, Benjamin, Troest; CHRISTOFFERSEN, Stig; HANSEN, Rosa, Rebecca, Erritzøe (74) Pearce IP Pty Ltd</p>	<p>(43) 19.05.2023 (72) SASSANELLI, Giuseppe; GABBI, Giampaolo; ALLEGORICO, Carmine; RONTINI, Giulia (74) Patent Attorney Services</p>
<p>(71) NOKIA TECHNOLOGIES OY (11) AU-A-2021470963 (21) 2021470963 (22) 29.10.2021 (54) SCHEDULING REQUEST AND RANDOM ACCESS TRIGGERING FOR SDT (51) Int. Cl. H04W 76/30 (2018.01) H04W 74/08 (2009.01) H04W 76/27 (2018.01) (87) WO2023/070543 (43) 04.05.2023 (72) WU, Chunli; TURPINEN, Samuli Heikki; KOSKINEN, Jussi-Pekka (74) Spruson & Ferguson</p>	<p>(71) NOVOZYMES A/S (11) AU-A-2022415276 (21) 2022415276 (22) 08.12.2022 (54) PROTEASE ANIMAL FEED FORMULATION (51) Int. Cl. C12N 9/16 (2006.01) A23K 10/18 (2016.01) A23K 20/189 (2016.01) A23K 40/00 (2016.01) A23K 40/10 (2016.01) A23K 40/30 (2016.01) A23K 50/75 (2016.01) C12N 9/98 (2006.01) (87) WO2023/110639 (31) 21215252.4 (32) 16.12.21 (33) EP 21215253.2 16.12.21 EP 21215258.1 16.12.21 EP 21215262.3 16.12.21 EP (43) 22.06.2023 (72) BORUP, Flemming (74) Spruson & Ferguson</p>	<p>(71) NUOVO PIGNONE TECNOLOGIE - S.R.L. (11) AU-A-2022391900 (21) 2022391900 (22) 01.11.2022 (54) CONICAL SEALING ASSEMBLY FOR A ROTARY EQUIPMENT AND ROTARY EQUIPMENT COMPRISING THE SEALING ASSEMBLY (51) Int. Cl. F04D 29/10 (2006.01) F04D 17/12 (2006.01) F04D 19/02 (2006.01) F16J 15/44 (2006.01) (87) WO2023/088579 (31) 102021000028247 (32) 05.11.21 (33) IT (43) 25.05.2023 (72) GAMBERI, Francesco; BERGAMINI, Lorenzo; RIZZO, Emanuele; MASI, Guido (74) PHILLIPS ORMONDE FITZPATRICK</p>
<p>(71) NORTHROP GRUMMAN LITEF GMBH (11) AU-A-2022369236 (21) 2022369236 (22) 15.09.2022 (54) ELECTRICAL DEVICE WITH INDIRECT LIGHTNING PROTECTION, ATTITUDE AND HEADING REFERENCE SYSTEM, AND AIRCRAFT (51) Int. Cl. H04B 5/00 (2006.01) (87) WO2023/066575 (31) 10 2021 127 228.9 (32) 20.10.21 (33) DE (43) 27.04.2023 (72) ZELLER, Peter (74) Griffith Hack</p>	<p>(71) NUOVO PIGNONE TECNOLOGIE - S.R.L. (11) AU-A-2022386378 (21) 2022386378 (22) 08.11.2022 (54) POWER PLANT FOR CONTROLLING THE RENEWABLE ENERGY USE IN AN LNG TRAIN (51) Int. Cl. F02C 6/06 (2006.01) F02C 7/36 (2006.01) F02C 9/44 (2006.01) F25J 1/00 (2006.01) F25J 1/02 (2006.01) (87) WO2023/083494 (31) 102021000028562 (32) 10.11.21 (33) IT (43) 19.05.2023 (72) SASSANELLI, Giuseppe; GABBI, Giampaolo; ALLEGORICO, Carmine; RONTINI, Giulia (74) Patent Attorney Services</p>	<p>(71) NUTRAMAX LABORATORIES, INC. (11) AU-A-2022388643 (21) 2022388643 (22) 11.11.2022 (54) SOFT CHEW (51) Int. Cl. A23K 20/158 (2016.01) A61K 47/12 (2006.01) A61K 47/44 (2017.01) (87) WO2023/086578 (31) 63/278,132 (32) 11.11.21 (33) US (43) 19.05.2023 (72) GRIFFIN, David; DAVIS, Binh; RATKOWSKI, Hubert (74) Davies Collison Cave Pty Ltd</p>
<p>(71) NOVO NORDISK A/S (11) AU-A-2022413347 (21) 2022413347 (22) 13.12.2022 (54) PHARMACEUTICAL FORMULATIONS COMPRISING A CYCLODEXTRIN (51) Int. Cl. A61K 38/22 (2006.01) A61K 9/08 (2006.01) A61K 38/26 (2006.01) A61K 47/02 (2006.01) A61K 47/10 (2017.01) A61P 3/00 (2006.01) A61P 9/00 (2006.01) A61P 25/28 (2006.01) (87) WO2023/110833 (31) 21214004.0 (32) 13.12.21 (33) EP 22191564.8 22.08.22 EP</p>	<p>(71) NUOVO PIGNONE TECNOLOGIE - S.R.L. (11) AU-A-2022387726 (21) 2022387726 (22) 04.11.2022 (54) METHOD OF CONTROLLING THE RENEWABLE ENERGY USE IN AN LNG TRAIN (51) Int. Cl. F02C 6/06 (2006.01) F02C 7/36 (2006.01) F02C 9/44 (2006.01) F25J 1/00 (2006.01) F25J 1/02 (2006.01) (87) WO2023/083490 (31) 102021000028559 (32) 10.11.21 (33) IT</p>	<p>(71) NXSTAGE MEDICAL, INC. (11) AU-A-2022394449 (21) 2022394449 (22) 27.10.2022 (54) GROUNDING ASSURANCE AND VOLTAGE-TO-PATIENT DETECTION FOR PATIENT SAFETY (51) Int. Cl. A61M 1/36 (2006.01) A61M 5/50 (2006.01) A61N 1/08 (2006.01) G01R 31/52 (2020.01) G05B 9/02 (2006.01) (87) WO2023/091848 (31) 63/281,873 (32) 22.11.21 (33) US (43) 25.05.2023 (72) MILLER, Patrick (74) Davies Collison Cave Pty Ltd</p>
<p>(71) NYOBOLT LIMITED (11) AU-A-2022381514 (21) 2022381514 (22) 03.11.2022 (54) HIGH-RATE BATTERY SYSTEM (51) Int. Cl. H02J 7/00 (2006.01) (87) WO2023/078999</p>		

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A61B 34/30 (2016.01)
A61B 17/68 (2006.01)
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Pierre; DUVAL, Karine; RICHARD,
Alain
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A61L 27/36 (2006.01)
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INTO TRAVERSABLE BLANK MOLDS
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C03B 9/16 (2006.01)
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AND METHOD
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- (71) PAIGE.AI, INC.
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DETERMINE ONCOGENIC SIGNALS
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Christopher
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(54) SYSTEMS AND METHODS FOR IM-
AGE PROCESSING TO DETERMINE
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& STEEL RESEARCH INSTITUTE CO.,
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(54) A method and device for increasing
hardness of re-austenitizing zone of hy-
pereutectoid rail joint
(51) Int. Cl.
C21D 1/18 (2006.01)
C21D 1/62 (2006.01)
C21D 9/50 (2006.01)
C22C 38/02 (2006.01)
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DONG, Xuejiao
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(54) A method for increasing bonding
strength of flash butt welding joint of rail
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C22C 38/00 (2006.01)
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BAI, Wei
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- (71) PANI ENERGY INC
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(54) DIGITAL MODEL BASED PLANT OP-
ERATION AND OPTIMIZATION
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G16Z 99/00 (2019.01)
G06Q 10/04 (2023.01)
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(72) MERTES, Rolf; SZLAPKA, Timo;
STAUFENBERG, Gerrit
(74) FOUNDRY INTELLECTUAL PROP-
ERTY PTY LTD
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- (71) PEPSICO, INC.
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(54) SELF-SERVE KIOSK
(51) Int. Cl.
G06Q 20/20 (2012.01)
G06Q 30/06 (2023.01)
G06Q 30/02 (2023.01)
G06Q 30/0226 (2023.01)
H04N 7/18 (2006.01)
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(72) ROSBURG, Klaus; DE SOUZA MESSI-
AS, Gustavo; AKAY, Ali
(74) ALLENS PATENT & TRADE MARK
ATTORNEYS
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(54) GAS DELIVERY SYSTEM AND ASSO-
CIATED METHOD
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A61M 16/00 (2006.01)
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(72) KRISHNAN, Subash; TAN, Wei Teck;
CHUA, Chin Suan; KHALID BIN AB-

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(74) James & Wells Intellectual Property

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(54) APPARATUS FOR ATTACHING INTUBATED NON-HUMAN ANIMAL TO GAS DELIVERY SYSTEM
(51) Int. Cl.
A61M 16/00 (2006.01)
A61M 16/08 (2006.01)
A61M 39/00 (2006.01)
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(74) James & Wells Intellectual Property

(71) PHOENIX TISSUE REPAIR, INC.
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(54) COLLAGEN 7 PROTEIN REPLACEMENT THERAPY
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A61K 38/39 (2006.01)
A61P 17/02 (2006.01)
C07K 14/78 (2006.01)
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(72) LANDY, Hal; RAVINDRAN, Sanuj
(74) WRAYS PTY LTD

(71) PISANO, R.; RICCADONNA, G.
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(72) PISANO, Roberto; RICCADONNA, Giancarlo
(74) Griffith Hack

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(21) 2022390527 **(22)** 18.11.2022
(54) MEDICAL DEVICE CLEANING METHOD AND CORRESPONDING CLEANING DEVICE AND CLEANING APPARATUS
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A61B 90/70 (2016.01)
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(72) VINTELER, Daniel; DUROUCHOUX, Timothée
(74) FPA Patent Attorneys Pty Ltd

(71) PORIFEROUS, LLC
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A61F 2/28 (2006.01)
A61F 2/30 (2006.01)
A61L 27/56 (2006.01)
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(72) NOBLE, Aaron; JONES, Spencer
(74) Griffith Hack

(71) PRC-DESOTO INTERNATIONAL, INC.
(11) AU-A-2022381719
(21) 2022381719 **(22)** 01.11.2022
(54) DAMAGE INDICATING COATING SYSTEM
(51) Int. Cl.
C09D 5/32 (2006.01)
B05D 7/00 (2006.01)
C09D 5/22 (2006.01)
C09D 7/41 (2018.01)
C09D 7/61 (2018.01)
G01N 21/88 (2006.01)
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(74) Minter Ellison

(71) PRECISION PLANTING LLC
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(54) SEED DELIVERY
(51) Int. Cl.
A01C 7/04 (2006.01)
A01C 7/20 (2006.01)
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(72) HODEL, Jeremy
(74) Griffith Hack

(71) PRIVITAR LIMITED
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(54) MACHINE LEARNING BASED MODELS FOR LABELLING TEXT DATA
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G06N 3/02 (2006.01)
G06F 21/62 (2013.01)
G06F 40/30 (2020.01)
G06N 3/091 (2023.01)
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(74) Davies Collison Cave Pty Ltd

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(54) APPARATUS, SYSTEMS AND METHODS FOR PIPELINE CONDITION ASSESSMENT
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F16L 55/26 (2006.01)
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(31) 63/289,833 **(32)** 15.12.21 **(33)** US
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(74) Griffith Hack

(71) PURIGEN BIOSYSTEMS, INC.
(11) AU-A-2022396279
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(54) FLUIDIC DEVICE WITH CAPILLARY BARRIER
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C12N 15/10 (2006.01)
B01L 3/00 (2006.01)
G01N 27/447 (2006.01)
(87) WO2023/097041
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D06F 39/02 (2006.01)
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(72) XU, Sheng; LV, Yanfen
(74) Allens Patent & Trade Mark Attorneys

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 (72) LV, Yanfen; XU, Sheng
 (74) Allens Patent & Trade Mark Attorneys
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 G06Q 30/02 (2023.01)
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 Stefan; SMITH, Gerard; LARKINS,
 Nicholas
 (74) Duncan Bucknell Company Pty Ltd
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- (71) RAJAGOPAL, K.
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 (54) TRANSCATHETER VALVE IMPLANT
 ASSEMBLY WITH VENTRICULAR AS-
 SIST DEVICE RELEASABLY CON-
 NECTABLE TO DOCKING STATION
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 (54) A STRUCTURAL DISPLACEMENT
 MONITORING SYSTEM
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 E02D 1/06 (2006.01)
 G01B 11/26 (2006.01)
 G01C 5/00 (2006.01)
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 (72) YOUNG, Robert
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- (71) RECKITT & COLMAN (OVERSEAS)
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 (51) Int. Cl.
 A01N 25/10 (2006.01)
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 A01P 7/04 (2006.01)
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 C12Q 1/6883 (2018.01)
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 C07K 16/28 (2006.01)
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 C01B 3/02 (2006.01)
 B01D 53/047 (2006.01)
 C01B 3/50 (2006.01)
 C01B 21/04 (2006.01)
 C01C 1/00 (2006.01)
 C01C 1/04 (2006.01)
 C25B 1/04 (2021.01)
 F25B 1/047 (2006.01)
 F25J 1/00 (2006.01)
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 F25J 3/04 (2006.01)
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A61K 31/53 (2006.01)
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B65D 85/60 (2006.01)
A23G 3/10 (2006.01)
B65D 77/22 (2006.01)
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B23D 45/16 (2006.01)
F16P 3/00 (2006.01)
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C25C 3/08 (2006.01)

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 (54) BARRIER SYSTEMS WITH IMPACT RESISTANT RAILS SUPPORTED FROM FLOOR MOUNTED POST BASES
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E01F 15/04 (2006.01)
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E01F 15/14 (2006.01)
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C09D 5/00 (2006.01)
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 (54) ICI BUILDING RHEOLOGY MODIFIER
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C08G 18/79 (2006.01)

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C05C 3/00 (2006.01)
C05G 5/30 (2020.01)
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B63B 27/00 (2006.01)
B66C 23/52 (2006.01)
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 (54) ELECTRONIC DEVICE AND OPERATION METHOD THEREOF
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G06F 11/07 (2006.01)
G06F 9/451 (2018.01)
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A45C 11/20 (2006.01)
F25C 5/18 (2018.01)
B65D 5/60 (2006.01)
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 (54) A PHARMACEUTICAL FORMULATION
 AND A PROCESS FOR ITS PREPAR-
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A61K 31/00 (2006.01)
A23L 2/38 (2021.01)
A61K 8/36 (2006.01)
A61K 31/192 (2006.01)
A61K 31/235 (2006.01)
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G01V 1/40 (2006.01)
E21B 47/04 (2012.01)
E21B 47/06 (2012.01)
G01V 1/30 (2006.01)
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E04F 13/08 (2006.01)
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 (51) Int. Cl.
A61M 5/142 (2006.01)
A61M 5/145 (2006.01)
A61M 5/168 (2006.01)
A61M 5/31 (2006.01)
A61M 5/315 (2006.01)
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 LTD
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 (54) RECOMBINANT YEAST AND APPLIC-
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 (51) Int. Cl.
C12N 9/10 (2006.01)
C12N 1/19 (2006.01)
C12N 9/38 (2006.01)
C12N 15/54 (2006.01)
C12N 15/56 (2006.01)
C12P 7/06 (2006.01)
C12P 19/18 (2006.01)
C12P 19/26 (2006.01)
C12R 1/645 (2006.01)
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 (51) Int. Cl.

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(72) BYRNE, Susan; BOOTH, Brian John;
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 Adrian Wrangham; SAVVA, Yiannis
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 SEARCH MAATSCHAPPIJ B.V.
(11) AU-A-2022407306
(21) 2022407306 **(22)** 30.11.2022
(54) PROCESS FOR PRODUCING A LI-
 QUID HYDROCARBON FROM RE-
 NEWABLE SOURCES
(51) Int. Cl.
C10G 1/00 (2006.01)
C10G 3/00 (2006.01)
C10G 45/44 (2006.01)
C10G 45/58 (2006.01)
C10G 65/04 (2006.01)
C10G 65/08 (2006.01)
C10G 65/14 (2006.01)
(87) WO2023/107834
(31) 21212771.6 **(32)** 07.12.21 **(33)** EP
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 ald Martijn; CREYGHTON, Edward Juli-
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(21) 2022407488 **(22)** 25.11.2022
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 ACHIEVING FULL REGENERATIVE
 SUPPLY OF ELECTRIC LOADS
(51) Int. Cl.
H02J 3/14 (2006.01)
H02J 3/38 (2006.01)
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(11) AU-A-2022386158
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(54) SEWING MACHINE AND METHODS
 OF USING THE SAME
(51) Int. Cl.
D05B 19/02 (2006.01)
D05B 19/12 (2006.01)
D05B 81/00 (2006.01)
G06N 3/00 (2023.01)
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(72) NILSSON, Mattias; KVARNSTRAND,
 Laura
(74) Spruson & Ferguson
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 & NEPHEW ORTHOPAEDICS AG;
 SMITH & NEPHEW ASIA PACIFIC
 PTE. LIMITED
(11) AU-A-2022406883
(21) 2022406883 **(22)** 06.12.2022
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 TRACKING SYSTEM
(51) Int. Cl.
A61B 17/15 (2006.01)
A61B 17/17 (2006.01)
A61B 34/20 (2016.01)
A61B 90/00 (2016.01)
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 ger Ryan; WINEBARGER, Randy C.
(74) Patent Attorney Services
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 S.A.
(11) AU-A-2022411800
(21) 2022411800 **(22)** 15.11.2022
(54) A CHOCOLATE PRODUCT COMPRIS-
 ING A MILK ANALOGUE PRODUCT
(51) Int. Cl.
A23G 1/44 (2006.01)
A23C 11/10 (2021.01)
A23G 1/32 (2006.01)
A23G 1/48 (2006.01)
A23G 1/52 (2006.01)
A23J 1/14 (2006.01)
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A23L 11/50 (2021.01)
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 Isabel
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B65D 75/58 (2006.01)
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A61K 31/37 (2006.01)
A61P 13/12 (2006.01)
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 FOR DIAGNOSING AND TREATING
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G01N 33/50 (2006.01)
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A61Q 19/08 (2006.01)
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 METHOD
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G16B 25/10 (2019.01)
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A61K 41/00 (2020.01)
A61B 5/00 (2006.01)
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C09K 8/528 (2006.01)
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C12N 15/113 (2010.01)
A61K 31/713 (2006.01)
A61P 25/28 (2006.01)
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A24D 3/06 (2006.01)
A24D 3/02 (2006.01)
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A01N 25/04 (2006.01)
A01N 25/28 (2006.01)
A01N 37/10 (2006.01)
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A61K 47/65 (2017.01)
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ZHANG, Yong; LI, Gangrui
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PANY LIMITED
(11) AU-A-2022388185
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C07C 229/12 (2006.01)
A61K 9/16 (2006.01)
A61K 31/7088 (2006.01)
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EDUCATION; LOYOLA UNIVERSITY
OF CHICAGO
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(54) BAG3 METHODS AND USES FOR
TREATMENT OF INFLAMMATION
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A61K 38/17 (2006.01)
A61P 25/16 (2006.01)
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BREEDING PLANTS WHICH ARE
RESISTANT TO PLANT PATHOGENS
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A01H 1/04 (2006.01)
A01H 1/00 (2006.01)
A01H 3/00 (2006.01)
A01H 5/00 (2018.01)
G01N 33/00 (2006.01)
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C07K 19/00 (2006.01)
A61K 47/64 (2017.01)
A61P 35/00 (2006.01)
C07K 7/08 (2006.01)
C07K 14/00 (2006.01)
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ALERTING
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A61B 5/0205 (2006.01)
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FOR SELECTIVE EXTRACTION OF
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B01D 71/02 (2006.01)
B01D 15/36 (2006.01)
B01D 67/00 (2006.01)
B01D 71/06 (2006.01)
B01D 71/26 (2006.01)
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B01D 71/30 (2006.01)
B01D 71/38 (2006.01)
B01D 71/40 (2006.01)
B01D 71/82 (2006.01)
C01D 15/00 (2006.01)
C01G 23/00 (2006.01)
C01G 23/04 (2006.01)
C01G 45/02 (2006.01)
C01G 45/12 (2006.01)
C02F 1/00 (2023.01)
C02F 1/42 (2023.01)
C02F 1/44 (2023.01)
C02F 101/10 (2006.01)
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C12N 9/22 (2006.01)
G16B 40/00 (2019.01)
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C12N 15/113 (2010.01)
A61K 31/7115 (2006.01)
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A61K 48/00 (2006.01)
A61P 35/00 (2006.01)
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 (54) METHOD AND REACTOR SYSTEM FOR SPLITTING WATER AND/OR CARBON DIOXIDE
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B01J 23/00 (2006.01)
B01J 37/02 (2006.01)
C10G 2/00 (2006.01)
C01B 13/36 (2006.01)
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 (54) METHODS OF TREATING OVARIAN CANCER WITH HEMP EXTRACT
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A61K 31/05 (2006.01)
A61K 31/192 (2006.01)
A61K 31/337 (2006.01)
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A61K 36/185 (2006.01)
A61P 35/00 (2006.01)
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 (54) METHODS OF TREATING ENDOMETRIOSIS AND OTHER NON-CANCER GYNECOLOGICAL DISORDERS WITH HEMP EXTRACT
 (51) Int. Cl.
A61K 31/05 (2006.01)
A61K 31/192 (2006.01)
A61K 31/337 (2006.01)
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C07D 413/06 (2006.01)
A61K 31/36 (2006.01)
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A61K 31/381 (2006.01)
A61K 31/4025 (2006.01)
A61K 31/4192 (2006.01)
A61K 31/422 (2006.01)
A61K 31/443 (2006.01)
A61K 31/5377 (2006.01)
A61P 25/00 (2006.01)
C07D 317/58 (2006.01)
C07D 317/60 (2006.01)
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A61K 39/395 (2006.01)
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G06F 3/01 (2006.01)
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G06F 3/01 (2006.01)
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A61P 9/12 (2006.01)
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 (74) FB Rice Pty Ltd

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 A61K 8/31 (2006.01)
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 A61Q 15/00 (2006.01)
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 A61P 11/00 (2006.01)
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 A23L 33/105 (2016.01)
 A61P 25/28 (2006.01)
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 A61K 9/00 (2006.01)
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 G16B 40/20 (2019.01)
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 G16H 50/20 (2018.01)
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 A61P 19/02 (2006.01)
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 C07D 401/04 (2006.01)
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 SUCH A SYSTEM
 (51) Int. Cl.
 B60T 17/08 (2006.01)
 B60T 17/16 (2006.01)
 B60T 17/22 (2006.01)
 B61H 1/00 (2006.01)
 F16D 63/00 (2006.01)
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 A62C 27/00 (2006.01)
 A62C 2/08 (2006.01)
 A62C 3/02 (2006.01)
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 B05B 3/18 (2006.01)
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 (54) KIF18A INHIBITOR
 (51) Int. Cl.
 C07D 401/12 (2006.01)
 A61K 31/444 (2006.01)
 A61P 35/00 (2006.01)
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 B60J 7/00 (2006.01)
 B60J 7/12 (2006.01)
 B60P 7/02 (2006.01)
 B60R 16/02 (2006.01)
 B60R 16/023 (2006.01)
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 B60R 16/03 (2006.01)
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 Jason; ASIS, Nathan; ROSSI, Steven
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 (54) LIGHTNING POSITIONING OPTIMIZ-
 ATION METHOD AND SYSTEM BY
 CORRECTING IMPACTS OF TER-
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 AND MEDIUM
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 G01R 29/08 (2006.01)
 G01S 3/78 (2006.01)
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 LI, Zhe; ZHANG, Lei; XU, Yuangen;
 CHEN, Yang; LI, Yan; CHEN, Xiumin
 (74) Madderns Pty Ltd
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 AGE TECHNOLOGY CO., LTD.
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 (21) 2022459564 (22) 26.12.2022
 (54) DESIGN METHOD FOR CONNec-
 TION SHEET, CONNECTION SHEET,
 ENERGY STORAGE DEVICE AND
 ELECTRIC DEVICE
 (51) Int. Cl.
 H01M 50/528 (2021.01)
 H01M 50/531 (2021.01)
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 (43) 23.05.2024
 (72) HUANG, Hanchuan
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 CONDUCTING ROOT CANAL THER-
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 A61C 5/42 (2017.01)
 A61B 17/00 (2006.01)
 A61B 17/30 (2006.01)
 A61C 3/10 (2006.01)
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 (31) 2022901614 (32) 14.06.22 (33) AU

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(43) 21.12.2023
 (72) YAPP, Kehn
 (74) Adams Pluck

(71) YUJOO CO., LTD.
 (11) AU-A-2022397022
 (21) 2022397022 (22) 16.11.2022
 (54) METHOD FOR CONSTRUCTING
 CONCRETE BLOCK STRUCTURE
 (51) Int. Cl.
 E02D 15/00 (2006.01)
 E02B 3/06 (2006.01)
 E02D 27/52 (2006.01)
 (87) WO2023/096253
 (31) 10-2021-0167113 (32) 29.11.21 (33) KR
 (43) 01.06.2023
 (72) KIM, Sangki
 (74) LAMINAR IP PTY LTD

(71) ZEALAND PHARMA A/S
 (11) AU-A-2023278353
 (21) 2023278353 (22) 30.05.2023
 (54) LIQUID FORMULATIONS OF AMYLIN
 ANALOGUES
 (51) Int. Cl.
 A61K 38/22 (2006.01)
 A61K 9/00 (2006.01)
 A61K 9/08 (2006.01)
 A61K 47/02 (2006.01)
 A61K 47/18 (2017.01)
 (87) WO2023/232781
 (31) 22176247.9 (32) 30.05.22 (33) EP
 (43) 07.12.2023
 (72) LUNDQVIST, Joakim
 (74) Madderns Pty Ltd

(71) ZODIAC POOL CARE EUROPE
 (11) AU-A-2022386779
 (21) 2022386779 (22) 10.11.2022
 (54) A CLEANING SYSTEM COMPRISING
 AN ANTI-THEFT SYSTEM
 (51) Int. Cl.
 E04H 4/16 (2006.01)
 G06F 21/88 (2013.01)
 (87) WO2023/084452
 (31) 63/278,631 (32) 12.11.21 (33) US
 (43) 19.05.2023
 (72) DUFFAUT, Simon
 (74) FB Rice Pty Ltd

(71) ZTE CORPORATION
 (11) AU-A-2022446988
 (21) 2022446988 (22) 18.03.2022
 (54) A METHOD FOR CARRIER PHASE
 BASED POSITIONING
 (51) Int. Cl.
 H04W 24/08 (2009.01)
 H04W 64/00 (2009.01)
 (87) WO2023/173406
 (43) 21.09.2023
 (72) PENG, Focai; JIANG, Chuangxin;
 ZHENG, Guozeng; LU, Zhaohua; LIU,
 Juan; BI, Feng
 (74) Davies Collison Cave Pty Ltd

(71) ZYMEWORKS BC INC.
 (11) AU-A-2022378767
 (21) 2022378767 (22) 01.11.2022
 (54) SYSTEMS AND METHODS FOR
 POLYMER SEQUENCE PREDICTION
 (51) Int. Cl.
 G16B 15/20 (2019.01)
 G16B 5/00 (2019.01)
 G16B 30/00 (2019.01)
 G16B 35/20 (2019.01)
 (87) WO2023/070230
 (31) 63/274,403 (32) 01.11.21 (33) US
 (43) 04.05.2023
 (72) MCWHIRTER, James Liam; LAKA-
 TOS, Gregory; DIXIT, Surjit Bhimarao;
 MUKHOPADHYAY, Abhishek; FARBER,
 Patrick
 (74) RnB IP Pty Ltd

(71) ZYMEWORKS BC INC.
 (11) AU-A-2022379649
 (21) 2022379649 (22) 01.11.2022
 (54) SYSTEMS AND METHODS FOR
 POLYMER SIDE-CHAIN CONFORMA-
 TION PREDICTION
 (51) Int. Cl.
 G16B 40/00 (2019.01)
 G16B 15/20 (2019.01)
 G16B 45/00 (2019.01)
 G16C 20/00 (2019.01)
 G16C 20/70 (2019.01)
 G16C 20/80 (2019.01)
 (87) WO2023/070229
 (31) 63/274,444 (32) 01.11.21 (33) US
 (43) 04.05.2023
 (72) MUKHOPADHYAY, Abhishek; DIXIT,
 Surjit Bhimarao; GIL LEY, Alejandro;
 MCWHIRTER, James Liam; MCMAS-
 TER, Benjamin John; KADAN, Amit
 (74) RnB IP Pty Ltd

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2021386671	ATTENT AS	2022368577	MEMORIAL SLOAN-KETTERING CANCER CENTER; MEMORIAL HOSPITAL FOR CANCER AND ALLIED DISEASES; SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH
2021387843	ATTENT AS	2022368740	THE REGENTS OF THE UNIVERSITY OF COLORADO, A BODY CORPORATE
2021388804	ATTENT AS	2022368922	SWITCH THERAPEUTICS INC.
2021467380	KHALIL, A.M.L.	2022369145	KASHIV BIOSCIENCES, LLC
2021469432	KIMBERLY-CLARK WORLDWIDE, INC.	2022369236	NORTHROP GRUMMAN LITEF GMBH
2021470963	NOKIA TECHNOLOGIES OY	2022369911	ROHM AND HAAS COMPANY
2021471099	SUMITOMO SHI FW ENERGIA OY	2022369945	NANJING IMMUNOPHAGE BIOTECH CO., LTD
2021471896	WALL OF WATER INC.	2022369992	RAJAGOPAL, K.
2021472371	FUENTEBLANDOR HOLDING, S.L.	2022370211	ROHM AND HAAS COMPANY
2021472527	MAMAS & PAPAS (HOLDINGS) LIMITED	2022370380	THE HOSPITAL FOR SICK CHILDREN
2021472762	SOCIETE INDUSTRIELLE LIMOUSINE D'APPLICATION BIOLOGIQUE; ELC MANAGEMENT LLC	2022370420	SABIC AGRI-NUTRIENTS COMPANY
2021473165	INSTITUTE OF MEDICINAL BIOTECHNOLOGY, CHINESE ACADEMY OF MEDICAL SCIENCES; GUANGZHOU HC NEW DRUG RESEARCH CO., LTD.	2022370535	NANTSTUDIOS, LLC
2021475207	MÖLNLYCKE HEALTH CARE AB	2022370875	TEMPLE UNIVERSITY OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION; LOYOLA UNIVERSITY OF CHICAGO
2021475713	NABRAWIND TECHNOLOGIES, S.L.	2022371188	DEXCOM, INC.
2021475884	APPLE INC.	2022371404	DANA-FARBER CANCER INSTITUTE, INC.; THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY
2021476357	EUDEY, S.	2022372696	ALPVISION S.A.; FINALSPARK SARL
2021477173	BGI SHENZHEN	2022373500	APPLIED DNA SCIENCES, INC.
2021479356	BEIJING DABEINONG BIOTECHNOLOGY CO., LTD.	2022373663	EVOLVED BY NATURE, INC.
2021479892	SEKISUI HOUSE, LTD.	2022374060	HEGDE, S.
2022286220	CJ CHEILJEDANG CORPORATION	2022374703	CARBONX IP 9 B.V.
2022345099	GT BIOPHARMA, INC.	2022374712	RECKITT & COLMAN (OVERSEAS) HYGIENE HOME LIMITED
2022348885	Auf, W.	2022374795	CARBONX IP 10 B.V.
2022348887	I.T.S. GmbH	2022374955	UNIVERSITE PARIS-SACLAY; ASSISTANCE PUBLIQUE - HÔPITAUX DE PARIS; INSERM (INSTITUT NATIONAL DE LA SANTÉ ET DE LA RECHERCHE MÉDICALE); INSTITUT GUSTAVE ROUSSY
2022358742	FERMAN, M.	2022375532	IZAGUIRRE PÉREZ, P.A.
2022358751	INTI-TECH SPA	2022375573	TRAILHEAD BIOSYSTEMS INC.
2022358760	THE WISTAR INSTITUTE OF ANATOMY AND BIOLOGY	2022375672	MEMORIAL SLOAN KETTERING CANCER CENTER; MEMORIAL HOSPITAL FOR CANCER AND ALLIED DISEASES; SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH
2022358982	DIOSYNVAX LTD; THE CHANCELLOR, MASTERS AND SCHOLARS OF THE UNIVERSITY OF CAMBRIDGE; UNIVERSITÄT REGENSBURG	2022375722	BWXT ADVANCED TECHNOLOGIES LLC
2022359845	BUNGE LODERS CROKLAAN B.V.	2022375726	BWXT ADVANCED TECHNOLOGIES LLC
2022359892	SANTORO, N.	2022375771	THE UNIVERSITY OF NEWCASTLE; ECOFIBRE USA INC.
2022360009	DIOSYNVAX LTD; THE CHANCELLOR, MASTERS AND SCHOLARS OF THE UNIVERSITY OF CAMBRIDGE; UNIVERSITÄT REGENSBURG	2022375788	SHAPE THERAPEUTICS INC.
2022360368	THE WISTAR INSTITUTE OF ANATOMY AND BIOLOGY	2022376030	DOW SILICONES CORPORATION
2022360988	LINK IMMUNOTHERAPEUTICS, INC	2022376208	LG ELECTRONICS INC.
2022361432	SANOFI PASTEUR INC.	2022376497	HUAWEI TECHNOLOGIES CO., LTD.
2022361726	LBN INNOVATIONS LTD	2022376773	CHIA TAI TIANQING PHARMACEUTICAL GROUP CO., LTD.
2022361738	SAT-COM (PTY) LTD	2022376836	ECOFIBRE USA INC.; THE UNIVERSITY OF NEWCASTLE
2022361782	RICOIRA FOODS PVT LTD.	2022376837	ECOFIBRE USA INC.
2022362137	NIKANG THERAPEUTICS, INC.	2022376838	ECOFIBRE USA INC.; THE UNIVERSITY OF NEWCASTLE
2022362494	CULLGEN (SHANGHAI), INC.	2022377131	DECOCK, F.
2022362785	FERNANDO, M.A.J.L.	2022377208	THE YELLOW SIC HOLDING GMBH
2022363245	SPORTS FUTURES XCHANGE PTY LTD	2022377246	FIDELITY INFORMATION SERVICES, LLC
2022363251	REFLEX INSTRUMENTS ASIA PACIFIC PTY LTD; UNIVERSAL FIELD ROBOTS PTY LTD	2022377268	CLEVELAND DIAGNOSTICS, INC
2022363512	CANTERO THERAPEUTICS, INC.; BRIDGEBIO SERVICES INC.	2022377282	BROOKS, K.W.; CARTER, Z.G.; ASBURY, E.J.I.
2022364068	BYOWAVE LTD	2022378548	GE GRID GMBH
2022364123	KATHOLIEKE UNIVERSITEIT LEUVEN	2022378654	BWXT ADVANCED TECHNOLOGIES LLC
2022364715	CULTURENOW, INC.	2022378655	BWXT ADVANCED TECHNOLOGIES LLC
2022365045	QINGDAO HAIER WASHING MACHINE CO., LTD.; HAIER SMART HOME CO., LTD.	2022378767	ZYMEWORKS BC INC.
2022366102	SYNGENTA CROP PROTECTION AG	2022379460	DEXCOM, INC.
2022366945	PHOENIX TISSUE REPAIR, INC.	2022379533	PABBAN DEVELOPMENT, INC.
2022367256	ALTAVIZ, LLC	2022379580	BRADLEY, C.
2022367359	UNIFIED BRANDS, INC.		
2022367557	QINGDAO HAIER WASHING MACHINE CO., LTD.; HAIER SMART HOME CO., LTD.		
2022368451	CHILDREN'S MEDICAL RESEARCH INSTITUTE		
2022368454	QSIC PTY LTD		
2022368460	RING RESCUE INC.		

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2022379649	ZYMEWORKS BC INC.	2022384229	DIGITAL BIOTECHNOLOGIES, INC.
2022379910	COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION	2022384249	RITE-HITE HOLDING CORPORATION
2022379913	ORTHOISOFT ULC	2022384251	RITE-HITE HOLDING CORPORATION
2022379982	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	2022384267	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
2022379992	CONOCOPHILLIPS COMPANY	2022384299	ABBOTT DIABETES CARE INC.
2022380175	SUMITOMO CHEMICAL COMPANY, LIMITED	2022384404	GUANGDONG JIUCCO MEDICAL EQUIPMENT CO.,LTD.
2022380460	ENSTALL US, INC.	2022384542	PHILIP MORRIS PRODUCTS S.A.
2022380487	TAMER TRADING TECHNOLOGIES LLC	2022384581	FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.
2022380542	NANOTECH ENERGY, INC.	2022384592	ENOVATES NV
2022380566	OWENS-BROCKWAY GLASS CONTAINER INC.	2022384622	BIONTECH SE
2022380588	CONOCOPHILLIPS COMPANY	2022384663	CONSEJO SUPERIOR DE INVESTIGACIONES CIENTÍFICAS
2022380590	FLITEBOARD PTY LTD	2022385086	LOYOLA, F.
2022380720	MANIFOLD BIOTECHNOLOGIES, INC.	2022385258	D2D WATER SOLUTIONS B.V.
2022380725	VYNE THERAPEUTICS INC.	2022385332	LUSOSPACE, PROJECTOS ENGENHARIA LDA
2022380747	GALLANT PET, INC.	2022385443	BASF SE
2022380842	METAGENOMI, INC.	2022385494	PRIVITAR LIMITED
2022381044	AMYLYX PHARMACEUTICALS, INC.	2022385498	MAYBORN (UK) LIMITED
2022381046	CONOCOPHILLIPS COMPANY	2022385574	TOBII DYNAVOX AB
2022381047	CONOCOPHILLIPS COMPANY	2022385583	REDEFINE MEAT LTD.
2022381055	STRATA ONCOLOGY, INC.	2022386086	ELC MANAGEMENT LLC
2022381075	ENLIVEN INC.	2022386158	SINGER SOURCING LIMITED LLC
2022381078	KINIKA PHARMACEUTICALS, GMBH	2022386164	CALICO LIFE SCIENCES LLC; ABBVIE INC.
2022381171	BAXTER INTERNATIONAL INC.; BAXTER HEALTHCARE SA	2022386311	GUANGDONG JIUCCO MEDICAL EQUIPMENT CO., LTD.
2022381188	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA; THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY; SALK INSTITUTE FOR BIOLOGICAL STUDIES	2022386319	TRIANNI, INC.
2022381194	COLORADO STATE UNIVERSITY RESEARCH FOUNDATION	2022386378	NUOVO PIGNONE TECNOLOGIE - S.R.L.
2022381514	NYOBOLT LIMITED	2022386471	HANSHOW TECHNOLOGY CO., LTD.
2022381702	KUHN SAS	2022386489	FUJIAN SHENGDI PHARMACEUTICAL CO., LTD.; JIANGSU HENGRUI PHARMACEUTICALS CO., LTD.
2022381706	UNIVERSITE DE BORDEAUX; CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE; INSTITUT NATIONAL DE LA SANTÉ ET DE LA RECHERCHE MÉDICALE; UNIVERSITÉ PARIS CITÉ; UNIVERSITÉ D'ORLÉANS; ÉCOLE NORMALE SUPÉRIEURE PARIS-SACLAY; UNIVERSITÉ PARIS SAACLAY; REQUIMTE	2022386505	SYSTEMMUNE, INC.
2022381719	PRC-DESOTO INTERNATIONAL, INC.	2022386558	PHILIP MORRIS PRODUCTS S.A.
2022381754	MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH	2022386566	AUDAZZIO INC.
2022381821	HOOKIPA BIOTECH GMBH	2022386617	FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.
2022381903	BOEGLI-GRAVURES SA	2022386648	EVOLVE LUBRICANTS, INC.
2022381922	SUN PHARMACEUTICAL INDUSTRIES, INC.	2022386741	MAYBORN (UK) LIMITED
2022381977	ALLIGATOR BIOSCIENCE AB	2022386743	MAYBORN (UK) LIMITED
2022382073	DISSING A/S	2022386779	ZODIAC POOL CARE EUROPE
2022382076	9219-1568 QUEBEC INC.	2022387064	SASOL CHEMIE GMBH & CO. KG
2022382110	TOBII DYNAVOX AB	2022387074	HORIZON GLOBAL AMERICAS INC.
2022382406	FATE THERAPEUTICS, INC.	2022387099	ABIOMED, INC.
2022382407	FATE THERAPEUTICS, INC.	2022387106	CALICO LIFE SCIENCES LLC; ABBVIE INC.
2022382441	MITSUBISHI KAKOKI KAISHA,LTD.	2022387122	SCHLUMBERGER TECHNOLOGY B.V.
2022382676	G2GBIO, INC.	2022387440	APNIMED, INC. (DELAWARE)
2022382751	HUIDAGENE THERAPEUTICS (SINGAPORE) PTE. LTD.	2022387508	ANIMAX DESIGNS, INC.; BUFFORD, H.F.J.
2022382794	GIAMMANCO, R.L.; 2XL CORPORATION	2022387516	GENZYME CORPORATION
2022382834	HALF MOON MEDICAL, INC.	2022387615	REPLACE THERAPEUTICS, LLC.
2022382954	ABBOTT DIABETES CARE INC.	2022387684	RGENTA THERAPEUTICS, INC.
2022382981	IMPLUS FOOTCARE, LLC	2022387695	BLASCH PRECISION CERAMICS, INC.
2022383063	CONOCOPHILLIPS COMPANY	2022387726	NUOVO PIGNONE TECNOLOGIE - S.R.L.
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2022383165	BRAINSPACE, INC.	2022387830	AC IMMUNE SA
2022383173	APELLIS PHARMACEUTICALS, INC.	2022387838	URSAPHARM ARZNEIMITTEL GMBH
2022383191	MEMORIAL SLOAN KETTERING CANCER CENTER; MEMORIAL HOSPITAL FOR CANCER AND ALLIED DISEASES; SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH	2022387845	NEOGENE THERAPEUTICS B.V.
2022383512	HALEON UK IP LIMITED	2022387886	PANI ENERGY INC
		2022387894	AVASURE, LLC
		2022388070	DAIFUKU CO., LTD.
		2022388185	TAKEDA PHARMACEUTICAL COMPANY LIMITED
		2022388572	AVA FOOD LABS, INC.
		2022388643	NUTRAMAX LABORATORIES, INC.
		2022388722	TRUEBINDING, INC.
		2022388777	DORMAKABA AUSTRIA GMBH
		2022388824	MARICAP OY
		2022388837	SWELLFIX UK LIMITED

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2022388886	UNIVERSITY OF CYPRUS	2022397556	ALGAENERGY S.A.
2022389177	SPR THERAPEUTICS, INC.	2022398096	ALGAENERGY S.A.
2022389443	GEYSER TECHNOLOGIES, LLC	2022398282	PAUL HETTICH GMBH & CO. KG
2022389452	CONOCOPHILLIPS COMPANY	2022398298	MANITOU BF
2022389558	WIGEN BIOMEDICINE TECHNOLOGY (SHANGHAI) CO., LTD.	2022398365	NICOVENTURES TRADING LIMITED
2022389653	ANDRITZ OY	2022398612	PORIFEROUS, LLC
2022389774	BAE SYSTEMS PLC	2022399042	GRAVITAS TECHNOLOGIES PTY LTD
2022389917	AP BIOSCIENCES, INC.	2022399187	MEYER BURGER (GERMANY) GMBH
2022389962	FLUENT METAL INC.	2022399231	BIOTRON LIMITED
2022389989	AGI SURETRACK LLC	2022399234	THE UNIVERSITY OF WESTERN AUSTRALIA
2022390053	INTEGRATED DNA TECHNOLOGIES, INC.	2022399350	LAITRAM, L.L.C.
2022390181	HILL'S PET NUTRITION, INC.	2022399361	BOSTON SCIENTIFIC SCIMED, INC.
2022390196	ANDRITZ OY	2022399413	TRAILHEAD BIOSYSTEMS INC.
2022390227	APOTEX INC	2022399429	THE JOHNS HOPKINS UNIVERSITY
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2022390604	SWM HOLDCO LUXEMBOURG	2022399536	ARTHREX, INC.
2022390616	ENVOLA GMBH	2022399573	REGENERON PHARMACEUTICALS, INC.
2022390670	BICYCLETX LIMITED	2022399828	VENN BIOSCIENCES CORPORATION
2022390788	COLGATE-PALMOLIVE COMPANY	2022399845	GILEAD SCIENCES, INC.
2022391029	INSITRO, INC.	2022399876	COVESTRO DEUTSCHLAND AG
2022391641	WORKSPORT LTD.	2022399905	EBERHARD KARLS UNIVERSITÄT TÜBINGEN
2022391653	NERD BIO LLC	2022399921	SYNGENTA CROP PROTECTION AG
2022391687	COLUMBIA POWER TECHNOLOGIES, INC.	2022399994	SAVA HEALTHCARE LTD
2022391773	CANOPUS NETWORKS ASSETS PTY LTD	2022400169	NITROCHEMIE ASCHAU GMBH
2022391900	NUOVO PIGNONE TECNOLOGIE - S.R.L.	2022400463	FLEET SPACE TECHNOLOGIES PTY LTD
2022392003	AURINIA PHARMACEUTICALS INC.	2022400838	ARTHREX, INC.
2022392016	BUBL-REVOLUTIONARY TOILETS SOLUTION LTD.	2022401551	LAITRAM, L.L.C.
2022392387	CLIMEWORKS AG	2022401682	BELKNAP, K.
2022392445	ANDRITZ OY	2022401695	DONALDSON COMPANY, INC.
2022392456	HEALX LTD	2022401717	UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INCORPORATED
2022392482	BERLIA, S.P.	2022402162	FLAXTEC GMBH
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2022393147	NAMMI THERAPEUTICS, INC.	2022402820	LAITRAM, L.L.C.
2022393238	DE LA RUE INTERNATIONAL LIMITED	2022402908	ITRON, INC.
2022393357	KUBOTA CORPORATION	2022403062	IFP ENERGIES NOUVELLES; REPSOL S.A.
2022393598	RIO TINTO ALCAN INTERNATIONAL LIMITED	2022403111	BK GIULINI GMBH
2022393879	CHENGDU ANTICANCER BIOSCIENCE, LTD.	2022403653	WAVE MINING SOLUTIONS LIMITED
2022393930	CHEVRON JAPAN LTD.	2022403854	ARRAY BIOPHARMA INC.
2022393989	DE' LONGHI APPLIANCES S.R.L.	2022404776	HELMHOLTZ-ZENTRUM FÜR INFECTIIONSFORSCHUNG GMBH
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2022394690	TUOJIE BIOTECH (SHANGHAI) CO., LTD.	2022406883	SMITH & NEPHEW, INC.; SMITH & NEPHEW ORTHOPAEDICS AG; SMITH & NEPHEW ASIA PACIFIC PTE. LIMITED
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2022394966	DOCJURIS INC.	2022407040	ELECTRIC HYDROGEN CO
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2022395759	SANDVIK MINING AND CONSTRUCTION OY	2022407710	KONG, Y.X.G.
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2022395910	UNCOMMON BIO LIMITED	2022408149	REGENERON PHARMACEUTICALS, INC.
2022395926	CCM TECHNOLOGIES LIMITED	2022408964	AKER SOLUTIONS SUBSEA AS
2022396093	SAIPEM S.P.A.	2022409307	IFP ENERGIES NOUVELLES
2022396135	EDWARDS LIFESCIENCES CORPORATION	2022409596	HITACHI ENERGY LTD
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2022396274	ANAVEX LIFE SCIENCES CORP.	2022410203	IFP ENERGIES NOUVELLES
2022396279	PURIGEN BIOSYSTEMS, INC.	2022410372	KONGSBERG MARITIME SWEDEN AB
2022396385	PAIGE.AI, INC.	2022410763	PAIGE.AI, INC.
2022396388	BAXTER INTERNATIONAL INC.; BAXTER HEALTHCARE SA	2022410895	REMO ENERGY, INC.
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2022396523	BIOO SCIENTIFIC CORPORATION	2022412050	PURE TECHNOLOGIES LTD.
2022396942	CLARITY PHARMACEUTICALS LTD	2022412569	DAEWOONG THERAPEUTICS INC.
2022397022	YUJOO CO., LTD.	2022413308	IFP ENERGIES NOUVELLES
2022397075	JIANGSU XCMG CONSTRUCTION MACHINERY RESEARCH INSTITUTE LTD.	2022413347	NOVO NORDISK A/S
2022397226	PEPSICO, INC.	2022414067	GENENTECH, INC.
2022397305	ELECTRIC HYDROGEN CO		

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2022414218	CARBONIX INC.	2023329278	THE FIFTH AFFILIATED HOSPITAL SUN YAT-SEN UNIVERSITY
2022414602	KURITA WATER INDUSTRIES LTD.	2023331397	WUHAN NARI LIMITED LIABILITY COMPANY OF STATE GRID ELECTRIC POWER RESEARCH INSTITUTE
2022415276	NOVOZYMES A/S	2023348037	TOP CAP HOLDING GMBH
2022415449	IMPOSSIBLE FOODS INC.	2023361984	TONGWEI SOLAR (MEISHAN) CO., LTD.
2022417117	SUMITOMO METAL MINING CO., LTD.		
2022417491	GILEAD SCIENCES, INC.		
2022417511	INNOVATECH SYSTEMS, LLC		
2022417857	IFP ENERGIES NOUVELLES		
2022417917	IFP ENERGIES NOUVELLES		
2022418185	UNIVERSITAET WIEN		
2022418902	IFP ENERGIES NOUVELLES		
2022420382	HEIDELBERG MATERIALS AG		
2022420913	APTAR FRANCE SAS		
2022420915	WABTEC HAUTS-DE-FRANCE		
2022421703	ELECTRIC HYDROGEN CO.		
2022422213	THE CROWN IN RIGHT OF THE STATE OF NEW SOUTH WALES ACTING THROUGH REGIONAL NSW		
2022422273	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.		
2022423568	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.		
2022423879	UNILEVER GLOBAL IP LIMITED		
2022424127	GOOGLE LLC		
2022425005	ELECTRIC HYDROGEN CO.		
2022425343	ELECTRIC HYDROGEN CO.		
2022426744	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.		
2022426795	BAXTER INTERNATIONAL INC.; BAXTER HEALTH-CARE SA		
2022427252	LG ELECTRONICS INC.		
2022428774	IMAGOWORKS INC.		
2022432013	THE YOKOHAMA RUBBER CO., LTD.		
2022433479	mitsubishi electric corporation		
2022437586	LUO, J.		
2022438214	HALLIBURTON ENERGY SERVICES, INC.		
2022439126	SAMSUNG ELECTRONICS CO., LTD.		
2022440462	MITSUBISHI ELECTRIC CORPORATION		
2022442032	HALLIBURTON ENERGY SERVICES, INC.		
2022446988	ZTE CORPORATION		
2022459564	XIAMEN HITHIUM ENERGY STORAGE TECHNOLOGY CO., LTD.		
2023206000	FIBERTEX PERSONAL CARE A/S; REIFENHÄUSER GMBH & CO. KG MASCHINENFABRIK		
2023208047	AMRYT ENDO, INC.		
2023208728	HALLIBURTON ENERGY SERVICES, INC.		
2023208730	HALLIBURTON ENERGY SERVICES, INC.		
2023209352	HALLIBURTON ENERGY SERVICES, INC.		
2023210279	ABBVIE INC.		
2023210422	ARGENX BV		
2023212130	DEFINED RESEARCH, Inc.		
2023216732	PANGANG GROUP PANZHIHUA IRON & STEEL RESEARCH INSTITUTE CO., LTD.		
2023216810	PANGANG GROUP PANZHIHUA IRON & STEEL RESEARCH INSTITUTE CO., LTD.		
2023216944	CONTRACT MANUFACTURING SERVICES, LLC		
2023220628	F. HOFFMANN-LA ROCHE AG		
2023221198	RESTONE AS		
2023224424	PISANO, R.; RICCADONNA, G.		
2023225980	PRECISION PLANTING LLC		
2023229628	SHANDONG HENGLU BIOTECH. CO., LTD		
2023255431	ALCON INC.		
2023278066	TRINA SOLAR CO., LTD		
2023278353	ZEALAND PHARMA A/S		
2023281965	ALCON INC.		
2023282649	MITSUBISHI HEAVY INDUSTRIES THERMAL SYSTEMS, LTD.		
2023290926	YAPP, K.		
2023305026	CHINA BUILDING MATERIALS ACADEMY CO., LTD.; BAOWU GROUP ENVIRONMENTAL RESOURCES TECHNOLOGY CO., LTD.		
2023317336	NGK INSULATORS, LTD.		
2023322222	CULTURON PTY LTD		
2023326026	SHAILY (UK) LTD		
2023327764	RAVENCO. PTY LTD		

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2022389989	<u>A01N 57 /-</u>	2022388643 2022390181 2022415276	2022383512 2022389443	2021387843 2021388804 2022379460 2022381922 2022383165 2022384299 2022385086 2022387099 2022390788 2022399429 2022428774	2022385498 2022386741 2022386743				
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2023212130	2022369145	2022394449	2022376837	2022381977	2021471896
2023216944	2022370380	2022396388	2022379618	2022382406	
	2022381922	2022426795		2022382407	<u>A62C 33 /-</u>
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	2022386505	<u>A61M 16 /-</u>		2022386505	2022408022
2023216944	2022387838		2022366945	2022387516	
	2022388185	2021467380	2022381922	2022387684	<u>A63B 102 /-</u>
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	2022389917	2022384542	<u>A61P 19 /-</u>	2022389558	2022382981
2022380175	2022390670	2022386558		2022389917	<u>A63B 23 /-</u>
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2022387845	2022393147	<u>A61M 27 /-</u>	2022387516	2022393147	2022375532
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2022407035	2022413347	2022383165		2022396942	<u>A63B 69 /-</u>
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2022379618	2022384267	<u>A61M 37 /-</u>	2022392456	2022382406	<u>A63C 19 /-</u>
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2022401717	2022395100	2022412569	2022399234	2022388722	2022403653
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2022366945		2022389443	2023212130		
2022369145	2022377282			2022380175	<u>A63G 31 /-</u>
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2022379580	2022396942		<u>A61P 29 /-</u>	<u>A61P 7 /-</u>	2022403653
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2022409748			2022404776	2022379533	2022392387
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<u>B03C 5 /-</u>	<u>B23D 9 /-</u>	<u>B29C 51 /-</u>	<u>B60P 3 /-</u>	<u>B63H 21 /-</u>	<u>B65G 39 /-</u>
2022382441	2022400838	2022412569	2021471896	2022380590 2022383137	2022399350
<u>B05B 15 /-</u>	<u>B23K 103 /-</u>	<u>B29C 64 /-</u>	<u>B60P 7 /-</u>	<u>B63H 23 /-</u>	<u>B65G 43 /-</u>
2021471896 2022408022	2022387695	2022389962	2022391641	2022410372	2022432013
	<u>B23K 11 /-</u>	<u>B29L 31 /-</u>	<u>B60R 1 /-</u>	<u>B63H 5 /-</u>	<u>B65G 45 /-</u>
	2023216810	2022412569	2022358742	2022410372	2022401551
	<u>B23K 13 /-</u>	<u>B30B 15 /-</u>	<u>B60R 16 /-</u>	<u>B65D 17 /-</u>	<u>B65G 47 /-</u>
	2022399042	2022399042	2022391641	2023348037	2022388070
	<u>B23K 20 /-</u>	<u>B30B 9 /-</u>	<u>B60T 13 /-</u>	<u>B65D 25 /-</u>	<u>B65G 53 /-</u>
	2022399042	2022388824	2022387074	2022359892	2022388824
					<u>B66C 1 /-</u>
					2022417511

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<u>B66C 23 /-</u>	<u>C04B 103 /-</u>	2022390196 2022392445	<u>C07D 417 /-</u>	2022380747 2022381078 2022381977 2022386319 2022389917 2022392003 2022408149 2022409748	<u>C09D 7 /-</u>
2022396093	2023221198		2022362494 2022386164 2022387106 2022393879 2022417491		2022370211 2022381719
<u>B66F 9 /-</u>	<u>C04B 28 /-</u>	2022390227	<u>C07C 309 /-</u>		<u>C09K 23 /-</u>
2022398298 2022417511	2023221198		<u>C07C 31 /-</u>		2022388866
<u>B81C 1 /-</u>	<u>C04B 35 /-</u>	2022390196 2022392445	<u>C07D 471 /-</u>	<u>C07K 19 /-</u>	<u>C09K 8 /-</u>
2022399536	2022377208		2022362494 2022380725 2022381075 2022387516	2022370380 2022392003 2022414067	2022387064 2022388837
<u>C01B 13 /-</u>	<u>C04B 40 /-</u>	2023220628	<u>C07D 211 /-</u>		<u>C10G 1 /-</u>
2022368740	2023221198		<u>C07D 223 /-</u>	<u>C07K 7 /-</u>	2022403062 2022407306 2022417917
<u>C01B 21 /-</u>	<u>C04B 7 /-</u>	2022393879	<u>C07D 487 /-</u>	2022370380 2022383173 2022396942 2022418185	<u>C10G 11 /-</u>
2022410895	2022420382 2023305026		2022362494 2022369945 2022371404 2022381075 2022387830 2022390227 2022407139		2022417857 2022418902
<u>C01B 3 /-</u>	<u>C05C 3 /-</u>	2022376773	<u>C07D 495 /-</u>	<u>C08B 15 /-</u>	
2022410895	2022370420		2022364123		<u>C10G 2 /-</u>
<u>C01B 32 /-</u>	<u>C05C 5 /-</u>	2022390227	<u>C08B 3 /-</u>		2022368740
2022374795 2022377208 2022414218	2022395926		2022362494	2022388866	<u>C10G 21 /-</u>
<u>C01C 1 /-</u>	<u>C05C 9 /-</u>	2022369945	<u>C07D 498 /-</u>	<u>C08B 37 /-</u>	2022403062 2022417857
2022410895	2022370420 2022395926		2022381075	2022395498	<u>C10G 25 /-</u>
<u>C01D 15 /-</u>	<u>C05F 11 /-</u>	2022399234	<u>C07D 513 /-</u>	<u>C08F 292 /-</u>	
2022379982	2022395524 2022398096		2022381075	2022414218	2022403062 2022409307 2022410203 2022413308
<u>C01G 23 /-</u>	<u>C05F 17 /-</u>	2022362494 2022376773 2022380725 2022389558 2022399845 2022417491	<u>C07D 519 /-</u>	<u>C08G 18 /-</u>	<u>C10G 3 /-</u>
2022379982	2022395926		2022381075 2022387684 2023210279	2022370211	2022407306
<u>C01G 45 /-</u>	<u>C05G 5 /-</u>	<u>C07D 403 /-</u>	<u>C07F 9 /-</u>	<u>C08J 7 /-</u>	
2022379982	2022370420 2022395524 2022398096	2022399845	2022332222		<u>C10G 31 /-</u>
<u>C02F 1 /-</u>	<u>C07B 59 /-</u>	2022376773 2022381075 2022393879 2022403854	<u>C07H 21 /-</u>	<u>C08L 1 /-</u>	2022403062
2022379982 2022385258 2022414218 2022421703	2022396942		2022373500	2022364123	<u>C10G 45 /-</u>
<u>C02F 101 /-</u>	<u>C07C 211 /-</u>	<u>C07D 405 /-</u>	<u>C07K 14 /-</u>	<u>C08L 5 /-</u>	2022403062 2022407306 2022417857 2022418902
2022362137	2022362137	2022369945 2022389558 2022393879 2022399234	2022286220 2022360009 2022366945 2022370380 2022379910 2022381194 2022381821 2022382406 2022383173 2022386489 2022387845 2022392003 2022414067	2022395498	<u>C10G 47 /-</u>
2022379982	<u>C07C 229 /-</u>	<u>C07D 407 /-</u>	<u>C07L 1 /-</u>	<u>C08L 83 /-</u>	
<u>C02F 5 /-</u>	2022388185	2022399234	<u>C08M 1 /-</u>	2022400169	2022403062
2022414602	<u>C07C 253 /-</u>	<u>C07D 409 /-</u>	<u>C08L 5 /-</u>	<u>C09C 1 /-</u>	<u>C10G 49 /-</u>
<u>C03B 37 /-</u>	2022362137	2022362494 2022399234	<u>C08L 83 /-</u>	2022414218	2022403062 2022417917
2022387695	<u>C07C 255 /-</u>	<u>C07D 413 /-</u>	<u>C09C 3 /-</u>	2022414218	<u>C10G 5 /-</u>
<u>C03B 7 /-</u>	2022362137	2022389558 2022393879 2022399234 2022417491	<u>C09D 11 /-</u>	<u>C09D 5 /-</u>	2022403062
2022380566	<u>C07C 263 /-</u>	<u>C07D 413 /-</u>	2022380542		<u>C10G 65 /-</u>
<u>C03B 9 /-</u>	2023220628	2022389558 2022393879 2022399234 2022417491	2022345099 2022358760 2022360368 2022360988 2022380720	2022369911 2022381719	2022403062 2022407306 2022417857 2022417917
2022380566	<u>C07C 29 /-</u>				
2022389653					

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2022418902	2022415449 2023229628	C12P 19 /-	C22C 33 /-	D06F 39 /-	E04H 4 /-
C10G 69 /-	C12N 15 /-	2022395498 2023229628	2022392619	2022365045 2022367557	2022386779
2022403062	2021479356	C12P 7 /-	C22C 38 /-	D21C 11 /-	E05B 19 /-
2022418902	2022286220	2022368451	2022392619	2022389653	2022388777
C10G 9 /-	2022368922	2023229628	2023216732		
2022403062	2022370380	C12Q 1 /-	2023216810	E01F 15 /-	E05B 27 /-
C10L 1 /-	2022375788	2022368577	C23C 16 /-	2022384249	2022388777
	2022379580	2022373500	2023322222	2022384251	
2023317336	2022379910	2022379580	C23C 4 /-	E02B 3 /-	E21B 17 /-
C10M 107 /-	2022380720	2022379910	2023322222	2022397022	2022442032
	2022380842	2022381055		2022403653	E21B 21 /-
2022386648	2022381188	2022381754	C25B 1 /-	E02B 7 /-	2023208728
	2022381194	2022384229	2022397305	2022403653	E21B 23 /-
C10M 141 /-	2022381754	2022384299	2022407040	E02D 1 /-	2023208728
	2022382751	2022387615	2022410895	2023327764	E21B 29 /-
2022393930	2022384267	2022390053	2022421703		
C10M 169 /-	2022387615	2022390181	C25B 15 /-	E02D 15 /-	2023208728
	2022389917	2022391653	2022397305	2022397022	2023208730
2022386648	2022390053	2022394560	2022421703	E02D 27 /-	E21B 33 /-
	2022392003	2022396274	2022425343	2022397022	2022408964
C10N 30 /-	2022395500	2022396523		2022397022	2023208730
	2022395910	2022399573	C25B 9 /-	E03B 3 /-	2023209352
2022386648	2022396279	2022407308	2022407040		E21B 34 /-
C10N 40 /-	2022399905	C12R 1 /-	2022425343	E03C 1 /-	2023208728
	2022407035	2022395498	C25C 3 /-	2022382794	2023209352
2022386648	2022409748	2023229628	2022393598	E03D 9 /-	E21B 41 /-
C10N 60 /-	2022415449	C21B 13 /-	C40B 70 /-	2022382794	2022408964
	2023229628	2022402715	2022380720	2022392016	2023208728
2022386648	C12N 5 /-	C21B 3 /-	D01D 5 /-	2023206000	2023208730
	2022374955	2022402715	D01F 8 /-		2023209352
C10N 70 /-	2022375573	C21C 1 /-	D04H 1 /-	E04B 1 /-	E21B 43 /-
	2022380747	C21D 1 /-	2022380720	2021479892	2022379992
2022386648	2022382406	C21D 8 /-	D04H 3 /-	2022382073	2022438214
C11D 1 /-	2022382751	C21D 9 /-	D05B 19 /-	E04F 13 /-	E21B 47 /-
	2022387845	2022392619	2022401695	2021479892	2022363251
2022388866	2022388886	C22B 3 /-	2023206000	E04H 1 /-	2022387122
	2022399413	2022414218	D04H 3 /-	2022383138	2022389452
C11D 17 /-	2022407035	C22B 5 /-	D05B 81 /-	E04H 12 /-	E21B 49 /-
	2022409748	2022402715	2022386158	2021475713	2022363251
2022376030	C12N 7 /-	C22B 7 /-	D05B 19 /-	E04H 15 /-	2022380588
2022388866	2022381821	2022414218	2022386158	2022383138	2022381047
C11D 3 /-	C12N 9 /-	C22B 9 /-	D06F 33 /-	E04H 17 /-	2022389452
	2022374955	2022402715	2022365045	2022384249	E21B 7 /-
2022376030	2022375573	2022402715		2022384249	2022442032
2022392016	2022380747	2022402715		E04H 3 /-	2023208728
C12G 3 /-	2022382406	2022402715		2022383138	2023208730
	2022382751	2022402715			2023209352
2022388572	2022387845	C22B 9 /-			
C12M 1 /-	2022388886	2022414218			
	2022399413	D06F 33 /-			
2022372696	2022407035	2022365045			
2022388886	2022409748				
2022407308	C12P 13 /-				
C12M 3 /-	2022286220				
	2022286220				
2022372696					
C12N 1 /-					
2022394560					
2022395498					
2022397556					

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

<u>F01N 13 /-</u>	<u>F16J 15 /-</u>	<u>G01N 1 /-</u>	<u>G01S 19 /-</u>	<u>G06F 16 /-</u>	<u>G06Q 30 /-</u>
2022425343	2022391900	2022407308	2022380590	2022364715 2022386566 2022424127	2022368454 2022397226
<u>F02C 6 /-</u>	<u>F16L 55 /-</u>	<u>G01N 13 /-</u>	<u>G01S 3 /-</u>		<u>G06Q 40 /-</u>
2022386378 2022387726	2022412050	2022389452	2023331397	<u>G06F 18 /-</u>	2022363245
<u>F02C 7 /-</u>	<u>F16P 3 /-</u>	<u>G01N 21 /-</u>	<u>G01S 7 /-</u>	2022391773	<u>G06Q 50 /-</u>
2022386378 2022387726	2022368460	2022381719 2023322222	2023327764	<u>G06F 21 /-</u>	2022363245 2022389989
<u>F02C 9 /-</u>	<u>F24C 15 /-</u>	<u>G01N 24 /-</u>	<u>G01V 1 /-</u>	2022382076 2022383063 2022385494 2022386779	<u>G06T 11 /-</u>
2022386378 2022387726	2022376208	2022389452	2022380588 2022381046 2022387122	<u>G06F 3 /-</u>	2022375672
<u>F03B 13 /-</u>	<u>F24F 1 /-</u>	<u>G01N 27 /-</u>	<u>G01V 99 /-</u>		<u>G06T 7 /-</u>
2022391687	2022390616	2022396279	2022381047	2022370535 2022382110 2022384229 2022385574	2021388804 2022370535 2022391029 2022428774
<u>F03D 13 /-</u>	<u>F24F 13 /-</u>	<u>G01N 33 /-</u>	<u>G02B 27 /-</u>	<u>G06F 30 /-</u>	<u>G06V 10 /-</u>
2021475713	2022440462	2021477173 2022370380 2022377268 2022379992 2022383191 2022384267 2022384622 2022384663 2022390181 2022396274 2022399828 2022407308 2022422213 2022426744 2023322222	2022385332	2022379992 2022380588	2022382076
<u>F04B 39 /-</u>	<u>F24F 7 /-</u>	<u>G02C 11 /-</u>	<u>G02B 6 /-</u>	<u>G06F 40 /-</u>	<u>G06V 40 /-</u>
2023282649	2022390616	2022404996	2022386471	2022385494 2022394966 2022424127	2022382076
<u>F04C 29 /-</u>	<u>F24S 40 /-</u>	<u>G02C 5 /-</u>	<u>G02C 11 /-</u>	<u>G06F 8 /-</u>	<u>G09F 9 /-</u>
2023282649	2022358751	2022404996	2022404996	2022427252	2022386471
<u>F04D 17 /-</u>	<u>F25B 1 /-</u>	<u>G03B 15 /-</u>	<u>G02C 5 /-</u>	<u>G06F 9 /-</u>	<u>G09G 3 /-</u>
2022391900	2022410895	2022370535	2022404996	2022427252 2022439126	2022398365
<u>F04D 19 /-</u>	<u>F25D 23 /-</u>	<u>G01R 1 /-</u>	<u>G03B 15 /-</u>	<u>G06N 20 /-</u>	<u>G10K 11 /-</u>
2022391900	2022433479	2022384592	2022370535	2022378548 2022381046 2022384229 2022385494	2022389774 2022394783
<u>F04D 29 /-</u>	<u>F25J 1 /-</u>	<u>G01R 15 /-</u>	<u>G05B 19 /-</u>	<u>G06N 3 /-</u>	<u>G10K 15 /-</u>
2022391900	2022386378 2022387726 2022410895	2022384592	2022380566 2022380590	2022379992 2022381046 2022381047 2022384229 2022385494 2022391773	2022387786
<u>F15D 1 /-</u>	<u>F25J 3 /-</u>	<u>G01R 19 /-</u>	<u>G05B 9 /-</u>	<u>G06N 7 /-</u>	<u>G10L 19 /-</u>
2022425343	2022410895	2022384592	2022394449	2022378548	2022386566
<u>F16B 25 /-</u>		<u>G01R 29 /-</u>	<u>G05D 1 /-</u>	<u>G06N 10 /-</u>	<u>G16B 15 /-</u>
2022382073		2023331397	2022393357	2022377246 2022387886	2022378767 2022379649
<u>F16B 35 /-</u>	<u>G01B 11 /-</u>	<u>G01R 31 /-</u>	<u>G05D 13 /-</u>	<u>G06N 20 /-</u>	<u>G16B 20 /-</u>
2022382073	2023327764	2022378548 2022384592 2022394449	2022380590	2022378548	2022368577 2022399828
<u>F16B 5 /-</u>	<u>G01C 21 /-</u>	<u>G01R 33 /-</u>	<u>G06F 1 /-</u>	<u>G06Q 10 /-</u>	<u>G16B 25 /-</u>
2022382073	2022380590 2022397075	2022384592 2022389452	2022385574 2022398365	2022377246 2022427252 2022439126	2022368577 2022381055 2022399828
<u>F16C 13 /-</u>	<u>G01C 5 /-</u>	<u>G01R 15 /-</u>	<u>G06F 11 /-</u>	<u>G06Q 20 /-</u>	
2022399350	2023327764	2022412050	2022377246 2022427252 2022439126	2022397226	
<u>F16D 1 /-</u>	<u>G01C 9 /-</u>	<u>G01S 15 /-</u>	<u>G06F 15 /-</u>		
2022401551	2023327764	2022412050	2022406194		
<u>F16D 63 /-</u>	<u>G01J 3 /-</u>	<u>G01S 17 /-</u>			
2022420915	2022390788	2022397075 2023327764			

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2022381188	<u>G21C 1 /-</u>	<u>H01S 3 /-</u>	<u>H04L 1 /-</u>	<u>H04W 64 /-</u>
<u>G16B 35 /-</u>	2022378655	2023327764	2022380487	2022446988
2022378767	<u>G21C 15 /-</u>	<u>H02B 1 /-</u>	<u>H04L 12 /-</u>	<u>H04W 72 /-</u>
<u>G16B 40 /-</u>	2022378655	2022380460	2022427252	2021475884
2022368577	<u>G21C 19 /-</u>	<u>H02G 15 /-</u>	<u>H04L 41 /-</u>	<u>H04W 74 /-</u>
2022379649	2022375726	2022380460	2022391773	2021470963
2022381188	2022378654	<u>H02G 3 /-</u>	<u>H04L 43 /-</u>	<u>H04W 76 /-</u>
2022399828	<u>G21C 3 /-</u>	2022380460	2022380487	2021470963
<u>G16B 45 /-</u>	2022378655	<u>H02J 3 /-</u>	2022391773	<u>H04W 8 /-</u>
2022379649	<u>G21C 7 /-</u>	2022407040	<u>H04L 47 /-</u>	2022376497
<u>G16B 5 /-</u>	2022375722	2022407488	2022380487	
2022378767	2022375726	2022409596	2022391773	<u>H05B 6 /-</u>
2022396385	2022378654	<u>H02J 7 /-</u>	<u>H04L 5 /-</u>	2022376208
<u>G16C 20 /-</u>	2022378655	2022381514	2021475884	<u>H05K 5 /-</u>
2022379649	<u>G21C 9 /-</u>	2022385574	<u>H04L 51 /-</u>	2022386471
<u>G16H 10 /-</u>	2022378654	2022409596	2022382110	2022406194
2022371188	<u>G21D 3 /-</u>	<u>H02S 20 /-</u>	<u>H04L 67 /-</u>	<u>H05K 7 /-</u>
<u>G16H 15 /-</u>	2022378655	2022380460	2022380487	2022380460
2022379460	<u>H01J 61 /-</u>	2023278066	2022427252	
2022384299	2022402162	<u>H02S 30 /-</u>	<u>H04L 9 /-</u>	
<u>G16H 20 /-</u>	<u>H01L 31 /-</u>	2023278066	2022395759	
2022379460	2023361984	<u>H02S 40 /-</u>	2022402908	
<u>G16H 30 /-</u>	<u>H01M 4 /-</u>	2022358751	<u>H04N 21 /-</u>	
2022383191	2022374703	2022380460	2022382076	
2022387894	2022374795	<u>H02S 50 /-</u>	2022386566	
2022410763	2022401695	2022399187	<u>H04N 23 /-</u>	
<u>G16H 40 /-</u>	<u>H01M 50 /-</u>	<u>H03M 7 /-</u>	2022376208	
2022379460	2022459564	2022402908	<u>H04N 7 /-</u>	
2022382954	<u>H01M 8 /-</u>	<u>H04B 1 /-</u>	2022397226	
2022384299	2022397305	2022361738	<u>H04R 9 /-</u>	
2022387894	2022425005	<u>H04B 10 /-</u>	2022376208	
2022410763	2022425343	2023327764	<u>H04S 7 /-</u>	
<u>G16H 50 /-</u>	<u>H01Q 1 /-</u>	<u>H04B 17 /-</u>	2022384581	
2021388804	2022400463	2023327764	2022386617	
2022361432	<u>H01Q 21 /-</u>	<u>H04B 5 /-</u>	2022387785	
2022379460	2022400463	2022369236	2022387786	
2022382954	<u>H01Q 3 /-</u>	<u>H04B 7 /-</u>	<u>H04W 24 /-</u>	
2022383191	2022400463	2022400463	2022376497	
2022384299	<u>H01Q 9 /-</u>	<u>H04K 1 /-</u>	2022446988	
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A61B 5/00 (2006.01)
A61B 5/11 (2006.01)
A61N 1/372 (2006.01)
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C25B 1/26 (2006.01)
C25B 1/50 (2021.01)
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A61K 35/745 (2015.01)
A61P 29/00 (2006.01)
A61P 31/04 (2006.01)
A61P 31/12 (2006.01)
A61P 37/04 (2006.01)
C12N 1/16 (2006.01)
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 A61B 17/16 (2006.01)
 A61B 90/00 (2016.01)
 A61F 2/46 (2006.01)
 G01B 11/04 (2006.01)
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 A61L 26/00 (2006.01)
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 H05B 45/10 (2020.01)
 H05B 47/11 (2020.01)
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A61Q 19/00 (2006.01)
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F17C 13/02 (2006.01)
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G01F 1/00 (2022.01)
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C07D 401/12 (2006.01)
C07D 413/14 (2006.01)
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A61P 35/00 (2006.01)
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A61K 38/02 (2006.01)
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A61K 51/10 (2006.01)
C07K 16/28 (2006.01)
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C12N 9/96 (2006.01)
C12N 15/13 (2006.01)
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A61L 15/32 (2006.01)
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A61M 16/00 (2006.01)
A61M 39/00 (2006.01)
A62B 7/00 (2006.01)
B32B 3/26 (2006.01)
B32B 3/28 (2006.01)
B32B 3/30 (2006.01)
B32B 5/18 (2006.01)
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B02C 2/02 (2006.01)
B02C 2/00 (2006.01)
B02C 2/04 (2006.01)
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C07D 237/14 (2006.01)
C07D 237/16 (2006.01)
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C12Q 1/68 (2018.01)
A61K 39/395 (2006.01)
C40B 20/00 (2006.01)
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G10L 19/008 (2013.01)
G10L 19/02 (2013.01)
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A61J 3/00 (2006.01)
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A23D 7/02 (2006.01)
A23L 29/00 (2016.01)
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F24F 13/20 (2006.01)
F24F 1/0047 (2019.01)
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F24F 13/32 (2006.01)

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(54) HYDROCARBON LIQUID BASED CHEMICAL COMPOSITIONS AND TREATMENT METHODS USING SAME FOR REMEDIATING H2S AND OTHER CONTAMINANTS IN FLUIDS AND MIXTURES OF CONTAMINATED FLUIDS

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B01D 19/00 (2006.01)
C02F 1/66 (2023.01)
C10G 19/02 (2006.01)
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(51) Int. Cl.
B65D 75/58 (2006.01)
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(51) Int. Cl.
F02C 7/277 (2006.01)
F01D 25/18 (2006.01)
F02C 7/06 (2006.01)
F02C 7/32 (2006.01)

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C07K 16/10 (2006.01)
A61K 39/00 (2006.01)
G01N 33/68 (2006.01)

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C09J 103/02 (2006.01)
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B01J 35/00 (2006.01)
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F24H 1/10 (2022.01)
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G06K 19/077 (2006.01)
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A61P 3/10 (2006.01)
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A61Q 17/04 (2006.01)
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C11B 1/00 (2006.01)
C11B 1/02 (2006.01)
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C12N 5/071 (2010.01)
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H04W 36/14 (2009.01)
H04W 88/06 (2009.01)
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B05D 3/00 (2006.01)
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B41M 3/14 (2006.01)
B42D 25/29 (2014.01)
B42D 25/378 (2014.01)
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H01F 1/03 (2006.01)
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C07D 213/82 (2006.01)
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2018241245	IRP Health Pty Ltd	2018395430	Nautilus Subsidiary, Inc.
2018248060	Sasinapas Co., Ltd.	2018397957	Takeda Pharmaceutical Company Limited
2018249956	Case Western Reserve University; Board of Regents of The University of Texas	2018415538	Kimberly-Clark Worldwide, Inc.
2018250163	The Government of the United States of America as represented by the Department of Veterans Affairs	2018416590	Fuji Oil Holdings Inc.
2018253500	MAC Valves, Inc.	2018418814	Tricoya Technologies Ltd
2018254225	Nanomi B.V.	2018430965	Guangdong Oppo Mobile Telecommunications Corp., Ltd.
2018254585	Actega North America Technologies, Inc.	2018434066	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
2018258957	Assa Abloy Entrance Systems AB	2018434968	RepetCo Innovations, S.L.
2018260877	Wimbush, R.T.	2018451610	Halliburton Energy Services, Inc.
2018261369	Illinois Tool Works Inc.	2018456015	Halliburton Energy Services, Inc.
2018266135	Meharry Medical College	2019200047	Aurora Flight Sciences Corporation
2018266410	Koninklijke Douwe Egberts B.V.	2019200457	The Boeing Company
2018272294	Thoeris GmbH	2019202116	Kuhn S.A.
2018272984	Genovis AB	2019204331	CATERPILLAR INC.
2018275134	Zurex Pharma, Inc.	2019206607	Circ, Inc.
2018275368	Kode Biotech Limited	2019207448	Matisa Materiel Industriel S.A.
2018275842	MATISA Materiel Industriel SA	2019207887	Centaurus Therapeutics
2018279310	Lee Valley Tools Ltd.	2019210607	The Boeing Company
2018279834	Exelixis, Inc.	2019212622	The Regents of the University of California
2018280341	Orthocell Limited	2019212800	Exelixis, Inc.
2018280960	Skelhorn, D.	2019212991	Allnex Netherlands B.V.
2018282098	Arcutis Biotherapeutics, Inc.	2019215375	The Regents of The University of California
2018282357	Flexopack S.A.	2019216344	Roll Rite, LLC
2018283364	Georg-August-Universität Göttingen Stiftung Öffentlichen Rechts, Universitätsmedizin	2019216882	Russell Mineral Equipment Pty Ltd
2018283715	Chiaro Technology Limited	2019218810	Philip Morris Products S.A.
2018287514	Weyergang, A.; Berstad, M.; Berg, K.; Engebråten, O.	2019218870	Icon Bioscience, Inc.
2018296557	Chr. Hansen HMO GmbH	2019220661	Sumitomo Chemical Company, Limited
2018305898	DSM IP Assets B.V.	2019221791	Source Global, PBC
2018306621	Checkpoint Systems, Inc.	2019226224	Idemia Identity & Security France
2018308586	Haldor Topsøe A/S	2019230532	Sandvik Mining and Construction Tools AB
2018312508	Morpheus Space GmbH	2019235578	2 EMME CLIMA SRL
2018315726	DePuy Synthes Products, Inc.	2019235631	ToeFx Inc.
2018320696	Fresenius Kabi Deutschland GmbH	2019236137	Premier Dental Products Company
2018322139	NTherma Corporation	2019237902	Halliburton Energy Services, Inc.
2018330372	TIRmed Pharma AB	2019238380	Hymeth ApS
2018333940	Watt Fuel Cell Corp.	2019239787	CleanTech Geomechanics Inc.
		2019239860	Precision Planting LLC
		2019240064	MJNN LLC
		2019240893	Tata Steel Nederland Technology B.V.
		2019242466	Fujitsu General Limited
		2019242630	Research Triangle Institute

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2019242733	Naturs Design, Inc.	2020349018	Novartis AG
2019243538	Huhtamaki Molded Fiber Technology B.V.	2020356262	Novartis AG
2019245136	Sakata Inx Corporation	2020364159	ELC Management LLC
2019246239	GM Innovations Limited	2020366496	Unilever Global IP Limited
2019253446	Medicines360	2020375914	Oric Pharmaceuticals, Inc.
2019253554	Sakata Inx Corporation	2020378226	CertainTeed Gypsum, Inc.
2019253975	Foroni S.p.A.	2020378491	Board of Trustees of Michigan State University
2019254544	Vecor IP Holdings Limited	2020387317	LG Electronics Inc.
2019257579	Landis+Gyr Technology, Inc.	2020391285	Onegene Biotechnology Inc.
2019259768	Hospira, Inc.	2020391466	Gilead Sciences, Inc.
2019260555	Diehl Defence GmbH & Co. KG; Fraunhofer Gesellschaft zur Förderung der angewandten Forschung e. V.	2020394957	Kabushiki Kaisha Toyota Jidoshokki
2019264826	Dizal (Jiangsu) Pharmaceutical Co., Ltd.	2020403940	Inventio AG
2019266529	Ferrosan Medical Devices A/S; Ethicon Inc.	2020413277	Jiangnan Environmental Protection Group Inc.
2019268020	Sharp Kabushiki Kaisha; FG Innovation Company Limited	2020418565	Somfy Activites SA
2019270688	Suntory Holdings Limited	2020427710	Boston Scientific Neuromodulation Corporation
2019273043	Mintek	2020428591	Zhuhai United Laboratories Co., Ltd.
2019274397	PepsiCo, Inc.	2020428938	Anduril Industries Inc.
2019277292	Royal Bank of Canada	2020437211	Longi Green Energy Technology Co., Ltd.
2019278104	Peking University Shenzhen Graduate School	2020441580	Nokia Technologies Oy
2019287564	The Regents Of The University Of Colorado, A Body Corporate	2020448813	Good News Medical Co., Ltd.
2019288875	Samsung Electronics Co., Ltd.	2020453832	Longi Green Energy Technology Co., Ltd.
2019292332	Council of Scientific and Industrial Research	2020455080	Zhuhai Shu Tong Medical Technology Co., Ltd.
2019294687	Itron Global SARL	2020456779	Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.
2019295769	Pliant Therapeutics, Inc.	2020463690	Sichuan Shunying Power Battery Materials Co., Ltd
2019297796	Kool Global Solutions Pty Ltd	2020471764	GUSS AUTOMATION LLC
2019301725	Agricultural Utilization Research Institute	2020472170	ZTE CORPORATION
2019302550	Nanocytomics, LLC; Northwestern University	2020475165	Mitsubishi Electric Corporation
2019304129	Connected Innovations Limited	2020476040	Stellar Biomolecular Research GmbH
2019313441	Merck Patent GmbH	2020478278	ARCTIC BIOMATERIALS OY
2019315668	SICPA HOLDING SA	2020480642	NIPPON TELEGRAPH AND TELEPHONE CORPORATION
2019316662	Solenis Technologies, L.P.	2021200474	Genzyme Corporation
2019321186	GlaxoSmithKline Biologicals SA	2021202865	Fisher Paykel Healthcare Limited
2019326635	ABL Bio Inc.	2021207559	LG Electronics Inc.
2019344548	Cisco Technology, Inc.	2021207646	W. L. Gore & Associates, Inc.
2019344765	I-Mab Biopharma (Hangzhou) Co., Ltd.	2021210565	R-718 Spindel GBR
2019347854	FMC Corporation	2021215858	Zhuhai Beihai Biotech Co., Ltd.
2019348407	Medela Holding AG	2021217469	Bühler AG
2019350699	Ponce De Leon Health Designated Activity Company	2021218132	Sage Therapeutics, Inc.
2019350801	Asahi Group Holdings, Ltd.	2021219566	Phystech Technologies True Random AG
2019370601	F. HOFFMANN-LA ROCHE AG	2021226644	Caterpillar Inc.
2019371638	Sharp Kabushiki Kaisha; FG Innovation Company Limited	2021229110	GI Biome; Mediogen Co.,Ltd.
2019374406	NKT HV Cables AB	2021231944	ZIPAIR
2019381454	Sharp Kabushiki Kaisha; FG Innovation Company Limited	2021233462	Proterial, Ltd.
2019383041	Nagravision S.A.	2021237400	LanzaTech, Inc.
2019384114	Glance Networks, Inc.	2021244430	BOE Technology Group Co., Ltd.
2019408916	Sting Industries Ltd	2021255455	RRC Power & Energy, LLC
2019409184	Sinocelltech Ltd.	2021256166	VIIV Healthcare UK (No.5) Limited
2019429892	Halliburton Energy Services, Inc.	2021257889	Boston Scientific Neuromodulation Corporation
2019478907	Shaheen Innovations Holding Limited	2021258000	The University Court of The University of Aberdeen
2020201615	Novoluto GmbH	2021263605	Twilio Inc.
2020237992	The Chemours Company FC, LLC	2021265968	Vivo Mobile Communication Co., Ltd.
2020257474	Climeworks AG	2021267163	Vaccinex, Inc.
2020270485	The Board of Trustees of the Leland Stanford Junior University	2021268448	International Business Machines Corporation
2020286186	Regeneron Pharmaceuticals, Inc.	2021268977	Arcutis Biotherapeutics, Inc.
2020292274	Hollister Incorporated	2021269395	Serum Institute of India Private Limited
2020294246	Kymab Limited	2021274160	Pollogen Ltd.
2020297253	Tagworks Pharmaceuticals B.V.	2021275769	Avery Dennison Retail Information Services LLC
2020301115	Hangzhou DAC Biotech Co., Ltd	2021277195	Google LLC
2020310877	The Regents of the University of California; Consejo Nacional de Investigaciones Científicas y Técnicas	2021279078	Ecolab USA Inc.
2020314949	Lagom Kitchen Company	2021280023	Vivo Mobile Communication Co., Ltd.
2020327527	Shanghai Seme Cell Technology Co., Ltd	2021282236	Borealis AG
2020332005	The Scripps Research Institute	2021284295	ConMed Corporation
2020333990	The Scripps Research Institute	2021286093	Huawei Technologies Co., Ltd.
2020345412	NUC Electronics Co., Ltd.	2021290329	Starpharma Pty Ltd
2020346059	Simpson Strong-Tie Company Inc.	2021292120	Huawei Technologies Co., Ltd.
		2021293617	ENEOS Corporation
		2021305045	PPG Industries Ohio, Inc.
		2021306852	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.
		2021309098	Intercontinental Great Brands LLC

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2021313142	Baker Hughes Oilfield Operations LLC	2022228180	Nokia Technologies Oy
2021317754	International Business Machines Corporation	2022230780	OXFORD BIODYNAMICS PLC
2021320402	BT Manufacturing LLC	2022235604	Experian Information Solutions, Inc.
2021320511	Cellionbiomed Inc.	2022235881	HANGZHOU HIKVISION DIGITAL TECHNOLOGY CO., LTD.
2021325311	CHT Germany GMBH	2022240175	IDEMITSU KOSAN CO.,LTD.
2021326859	Qingdao Haier Refrigerator Co., Ltd.; Haier Smart Home Co., Ltd.	2022241543	Aurigene Oncology Limited
2021327937	ROOSTER, LLC	2022252818	Sun Patent Trust
2021333530	ByHealth Co., Ltd.	2022259740	Livent USA Corp.
2021338639	SHAANXI MICOT TECHNOLOGY CO., LTD.	2022259786	General Electric Company
2021339056	BRITISH AMERICAN TOBACCO EXPORTS LIMITED	2022259833	Auckland UniServices Limited
2021339095	FLSmith A/S	2022263513	LG ELECTRONICS INC.
2021339101	Compact Carbon Capture AS	2022268327	Lets Join In (Holdings) Pty Ltd
2021341647	BRITISH AMERICAN TOBACCO EXPORTS LIMITED	2022269010	GAPS TECHNOLOGY, LLC
2021342132	Loxo Oncology, Inc.	2022275533	Samsung Electronics Co., Ltd.
2021343470	GOOGLE LLC	2022279539	Rheem Australia Pty Limited
2021347778	Webiotree Co., Ltd; CnPharm Co., Ltd.	2022287561	AIM Intelligent Machines, Inc.
2021349869	JAMF Software, LLC	2022287571	Guangzhou Joyson Cleaning Products Co., Ltd.
2021356435	Kabushiki Kaisha Kobe Seiko Sho (Kobe Steel, Ltd.)	2022291453	Egnis Inc.
2021359236	INTERNATIONAL BUSINESS MACHINES CORPORATION	2022291620	Pall Corporation
2021363124	APPLIED ELECTRIC VEHICLES LTD	2022291623	Pall Corporation
2021379051	INTERNATIONAL BUSINESS MACHINES CORPORATION	2022291631	Pall Corporation
2021382101	INTERNATIONAL BUSINESS MACHINES CORPORATION	2022306450	NUOVO PIGNONE TECNOLOGIE - S.R.L.
2021382976	INTERNATIONAL BUSINESS MACHINES CORPORATION	2022316178	MATPRO SERVICES CORPORATION
2021385555	MA, M.J.	2022374714	PHARMA-DATA S.A.
2021388787	BOREALIS AG	2022381759	SUNCOKE TECHNOLOGY AND DEVELOPMENT LLC
2021391799	PEGAPOD LLC	2023200017	Jinko Solar Co., Ltd.; Zhejiang Jinko Solar Co., Ltd.
2021393367	ECOQUIP AUSTRALIA PTY LTD	2023200123	Shenzhen Hightide Biopharmaceutical., Ltd.
2021399066	INTERNATIONAL BUSINESS MACHINES CORPORATION	2023200249	Dometic Sweden AB
2021405024	INTERNATIONAL BUSINESS MACHINES CORPORATION	2023200332	Samsung Electronics Co., Ltd.
2021425045	W. L. Gore & Associates, Inc.	2023200354	CROWN EQUIPMENT CORPORATION
2021425738	Tata Steel Limited	2023200572	Takeda Pharmaceutical Company Limited
2021445505	SHANDONG UNIVERSITY OF SCIENCE AND TECHNOLOGY	2023200607	Apple Inc.
2021445856	ALPHA ESS CO., LTD.	2023200808	Carl Freudenberg KG
2022200059	Syros Pharmaceuticals, Inc.	2023200848	Qualcomm Incorporated
2022200403	JC Medical, Inc.	2023200951	REI, Inc.
2022201443	STRYKER EUROPEAN OPERATIONS HOLDINGS LLC	2023201468	LIEN, C.
2022201652	Techtronic Cordless GP	2023201498	Alpha Tau Medical Ltd.
2022201659	Weatherford Technology Holdings, LLC	2023201523	Andersen, J.
2022201996	Rail-Veyor Technologies Global Inc.	2023201692	Zhejiang Jinko Solar Co., Ltd.; Jinko Solar Co., Ltd.
2022202067	AgriGate Australia Pty Ltd	2023202014	LivePerson, Inc.
2022202232	Terumo Kabushiki Kaisha	2023202029	Schneider Electric Industries SAS
2022202325	Cancer Research Technology Limited	2023202070	Concourse IP Pty Ltd
2022202821	Becton, Dickinson and Company	2023202072	Qualcomm Incorporated
2022203066	The Regents of The University of California	2023202219	JUN, H.; JUN, J.
2022203517	Oy Forcit AB	2023202225	WINBO-Dongjian Automotive Technology Co., Ltd.
2022203677	Intuit Inc.	2023202564	Tencent America LLC
2022203777	Aprecia Pharmaceuticals LLC	2023203117	Valent BioSciences LLC
2022203857	Sheldon, B.	2023203714	Equifax Inc.
2022204013	Seagen, Inc.	2023203773	X Development LLC
2022204406	Haemograph Pty Ltd	2023214361	Tencent America LLC
2022204490	Ocado Innovation Limited	2023216869	Apple Inc.
2022204826	Foundation Medicine, Inc.	2023248144	NEXTGEN BIOSCIENCE CO., LTD.
2022204838	AMO Groningen B.V.	2024200320	Ocean Sun AS
2022204867	Clin Aps	2024201193	CAIRNS COMPLETE PLASTER SERVICES PTY LTD
2022209229	The United States of America, as represented by the Secretary, Department of Health and Human Services		
2022209235	Komatsu Ltd.		
2022209242	DUSA Pharmaceuticals, Inc.		
2022211957	TXINNO BIOSCIENCE INC.		
2022215147	GLASSWALL (IP) LIMITED		
2022215215	TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)		
2022218682	NETFLIX, INC.		
202221536	Shaheen Innovations Holding Limited		

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2018387769 2023201498	2018241245 2019235631 2019321186 2020375914 2020391466 2020455080 2021256166 2021290329 2021333530 2021347778	2020327527 2020364159	2018348648 2020257474 2020413277 2021339101 2021356435	2022203777	2022203777
<u>A61M 39 /-</u>	<u>A61P 31 /-</u>	<u>A61Q 7 /-</u>	<u>B01D 65 /-</u>	<u>B05D 1 /-</u>	<u>B29C 70 /-</u>
2018334138 2021202865 2023200572	2023248144	<u>A61Q 15 /-</u>	2022291623	2022203777	2020478278
<u>A61M 5 /-</u>	<u>A62B 18 /-</u>	<u>A61Q 17 /-</u>	<u>B01F 33 /-</u>	<u>B05D 3 /-</u>	<u>B29L 1 /-</u>
2019218870 2023200572	2023248144	<u>A61Q 19 /-</u>	2023201523	2019315668	2020478278
<u>A61M 60 /-</u>	<u>A62B 23 /-</u>	<u>A61Q 19 /-</u>	<u>B01F 35 /-</u>	<u>B05D 5 /-</u>	<u>B29L 31 /-</u>
2021425045	2019242733	<u>A62B 7 /-</u>	2022291620 2023201523	2019315668	2020478278
<u>A61N 1 /-</u>	<u>A62B 23 /-</u>	<u>A61Q 19 /-</u>	<u>B01J 29 /-</u>	<u>B21B 37 /-</u>	<u>B30B 11 /-</u>
	2019242733	<u>A62B 7 /-</u>	2019242630	2018338204	2020478278
	2019242733 2021202865	<u>A62B 7 /-</u>	<u>B01J 31 /-</u>	<u>B21J 1 /-</u>	<u>B30B 7 /-</u>
		<u>A62B 7 /-</u>	2019242630	2021233462	2020478278
		<u>A62B 7 /-</u>	<u>B01J 35 /-</u>	<u>B21J 3 /-</u>	<u>B32B 27 /-</u>
		<u>A62B 7 /-</u>	2019242630	2021233462	2018282357 2019301725 2021202865
		<u>A62B 7 /-</u>		<u>B21J 5 /-</u>	
		<u>A62B 7 /-</u>	2019242630		

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2021282236	<u>B60W 10 /-</u>	2018254585 2021275769	<u>B65G 5 /-</u>	<u>C07C 51 /-</u>	<u>C07D 417 /-</u>
<u>B32B 3 /-</u>	2020471764	<u>B65D 1 /-</u>	2019239787	2019350699	2020332005
2021202865	<u>B60W 30 /-</u>	2019243538	<u>B66B 11 /-</u>	<u>C07C 53 /-</u>	<u>C07D 471 /-</u>
<u>B32B 5 /-</u>	2020471764	<u>B65D 17 /-</u>	2020403940	2019295769	2019212800 2019313441 2020333990 2020428591
2021202865	<u>B61B 3 /-</u>	2022291453	<u>B66F 7 /-</u>	<u>C07D 213 /-</u>	2020332005
<u>B32B 7 /-</u>	2022201996	<u>B65D 41 /-</u>	2018369477	<u>C07D 231 /-</u>	<u>C07D 487 /-</u>
2019301725	<u>B61B 5 /-</u>	2018306621	<u>B66F 9 /-</u>	2021342132	2019264826 2020333990 2020428591 2022202325
<u>B32B 9 /-</u>	2022201996	<u>B65D 47 /-</u>	2020394957 2023200354	<u>C07D 237 /-</u>	<u>C07D 491 /-</u>
2019301725	<u>B61D 15 /-</u>	2017441071	<u>B82Y 15 /-</u>	2019347854 2020332005	2019212800
<u>B33Y 30 /-</u>	2019207448	<u>B65D 5 /-</u>	2019292332	<u>C07D 239 /-</u>	<u>C07D 495 /-</u>
2022203777	<u>B61D 3 /-</u>	2018346986	<u>B82Y 30 /-</u>	2020332005	2019313441
<u>B41J 2 /-</u>	2019207448	<u>B65D 50 /-</u>	2019292332	<u>C07D 247 /-</u>	<u>C07F 5 /-</u>
2019245136 2019253554	<u>B61K 9 /-</u>	2018306621	<u>C01B 13 /-</u>	2021256166	2021342132
<u>B41M 1 /-</u>	2018275842	<u>B65D 55 /-</u>	2018308586	<u>C07D 249 /-</u>	<u>C07H 19 /-</u>
2017445094	<u>B62D 55 /-</u>	2018306621	<u>C01B 3 /-</u>	2022211957	2020375914
<u>B41M 3 /-</u>	2022204867	<u>B65D 65 /-</u>	2018308586	<u>C07D 271 /-</u>	<u>C07J 43 /-</u>
2019315668	<u>B63B 57 /-</u>	2019243538	<u>C01B 32 /-</u>	2022241543	2021218132
<u>B41M 5 /-</u>	2022204867	<u>B65D 75 /-</u>	2018322139	<u>C07D 277 /-</u>	<u>C07K 1 /-</u>
2019245136 2019253554	<u>B63B 59 /-</u>	2017441071 2018346986	<u>C01C 1 /-</u>	2020301115	2020391285 2021200474
<u>B42D 25 /-</u>	2022204867	<u>B65D 77 /-</u>	2018308586	<u>C07D 285 /-</u>	<u>C07K 14 /-</u>
2019315668	<u>B64C 15 /-</u>	2018346986	<u>C02F 1 /-</u>	2022241543	2017235783 2019212622 2020286186 2020310877 2020391285 2021267163 2021338639 2021385555 2022209229
<u>B60C 23 /-</u>	2021231944	<u>B65D 81 /-</u>	2021320402 2022269010	<u>C07D 317 /-</u>	
2023200951	<u>B64C 25 /-</u>	2019297796	<u>C04B 33 /-</u>	2020297253	
<u>B60J 5 /-</u>	2021231944	<u>B65D 85 /-</u>	2019254544	<u>C07D 401 /-</u>	
2023202225	<u>B64C 29 /-</u>	2018344408 2022202067	<u>C04B 35 /-</u>	2019212800 2019278104 2019313441 2020332005 2022211957	
<u>B60J 7 /-</u>	2021231944	<u>B65D 88 /-</u>	2019254544	<u>C07D 403 /-</u>	
2019216344	<u>B64C 3 /-</u>	2022202067	<u>C07C 13 /-</u>	2019278104 2020332005	<u>C07K 16 /-</u>
<u>B60K 7 /-</u>	2019200457	<u>B65G 15 /-</u>	2020297253	2019278104 2020332005	2017235783 2017259038 2017264955 2017299581 2018210388 2019326635 2019344765 2019370601 2019409184 2020270485 2020294246 2021258000 2021267163
2021363124 2023202070	<u>B64C 37 /-</u>	2018351472	<u>C07C 229 /-</u>	<u>C07D 405 /-</u>	
<u>B60P 1 /-</u>	2021391799	<u>B65G 17 /-</u>	2018397957	2019313441	
2024201193	<u>B64C 39 /-</u>	2018351472	<u>C07C 233 /-</u>	<u>C07D 409 /-</u>	
<u>B60R 19 /-</u>	2021231944 2021391799	<u>B65G 41 /-</u>	2019207887	2019313441	
2020471764	<u>B64F 3 /-</u>	2023201523	<u>C07C 235 /-</u>	<u>C07D 413 /-</u>	
<u>B60R 21 /-</u>	2021391799	<u>B65G 43 /-</u>	2019207887 2021342132	2019212800 2019313441 2020332005	
2020471764	<u>B65C 3 /-</u>	2023201523	<u>C07C 255 /-</u>	2019212800 2019313441 2020332005	<u>C07K 7 /-</u>
2020471764	2018254585	<u>B65G 47 /-</u>	2021342132		2018275368
<u>B60T 13 /-</u>	<u>B65C 9 /-</u>	2023201523			
2021363124					

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2021338639 2022204013	<u>C10G 19 /-</u>		2019253975	2019207448	2020418565
<u>C08G 63 /-</u>	2022269010	<u>C12N 7 /-</u>		<u>E01B 35 /-</u>	<u>E06C 7 /-</u>
2019212991	<u>C10J 3 /-</u>	2021269395	<u>C22C 38 /-</u>	2018275842	2018280960
<u>C08G 65 /-</u>	2021237400	<u>C12N 9 /-</u>	2021425738	<u>E01C 11 /-</u>	<u>E21B 15 /-</u>
2020378491	<u>C10L 5 /-</u>	2017299581	<u>C25B 1 /-</u>	2018261369	2018373161
<u>C08H 8 /-</u>	2022381759	2018248060	2018308586	<u>E01C 23 /-</u>	<u>E21B 17 /-</u>
2018418814	<u>C11B 1 /-</u>	2018272984	2021320402	2022316178	2018373161
<u>C08J 11 /-</u>	2018357367	2020391285	2022240175	<u>E01C 7 /-</u>	2019230532
2021388787	2020327527	<u>C12P 19 /-</u>	2022240175	2022316178	2021313142
<u>C08J 9 /-</u>	2020327527	<u>C12P 21 /-</u>	<u>C25B 11 /-</u>	2022316178	2022201659
2019287564	<u>C11D 1 /-</u>	<u>C12Q 1 /-</u>	<u>C25B 13 /-</u>	<u>E02D 27 /-</u>	<u>E21B 21 /-</u>
<u>C08K 3 /-</u>	2021325311	2020391285	2022240175	2021255455	2018373161
2023201468	<u>C11D 3 /-</u>	2017324949	<u>C25B 15 /-</u>	<u>E02D 5 /-</u>	2018456015
<u>C08L 23 /-</u>	2021325311	2017346854	2019238380	2021255455	2018342586
2022209242	<u>C11D 7 /-</u>	2017376450	2021320402	<u>E02D 7 /-</u>	2019429892
<u>C08L 67 /-</u>	2022287571	2017379424	<u>C25B 9 /-</u>	2021255455	2022201659
2019243538	<u>C12M 1 /-</u>	2022200059	2022240175	<u>E02F 9 /-</u>	<u>E21B 34 /-</u>
<u>C09D 11 /-</u>	2021217469	2022204826	<u>C40B 20 /-</u>	2022209235	2018451610
2019245136	<u>C12M 3 /-</u>	2022230780	2022204826	2022287561	<u>E21B 41 /-</u>
2019253554	2017358829	<u>C12R 1 /-</u>	<u>C40B 40 /-</u>	<u>E04B 1 /-</u>	2018456015
<u>C09D 167 /-</u>	<u>C12N 1 /-</u>	2017347870	2022204826	2020346059	2019429892
2019212991	2017249321	2021229110	<u>C40B 50 /-</u>	2020378226	<u>E21B 43 /-</u>
<u>C09D 175 /-</u>	2019221791	2021333530	<u>D01G 11 /-</u>	<u>E04F 10 /-</u>	2019237902
2019212991	2021229110	<u>C21B 11 /-</u>	2019206607	2020418565	<u>E21B 47 /-</u>
<u>C09J 103 /-</u>	2021237400	<u>C21B 13 /-</u>	<u>D01G 5 /-</u>	<u>E04F 19 /-</u>	2018373161
2023201468	2021333530	<u>C21D 1 /-</u>	2019206607	2020378226	<u>E21B 49 /-</u>
<u>C09J 11 /-</u>	<u>C12N 13 /-</u>	2018338204	<u>D06B 3 /-</u>	<u>E04F 21 /-</u>	2018456015
2023201468	2021217469	2021425738	<u>D06F 25 /-</u>	2018236895	<u>E21B 7 /-</u>
<u>C09J 189 /-</u>	<u>C12N 15 /-</u>	<u>C21D 7 /-</u>	2019206607	<u>E04H 6 /-</u>	2018373161
2023201468	2017249321	<u>C21D 8 /-</u>	<u>D06F 34 /-</u>	2018369477	2021313142
<u>C09K 3 /-</u>	2017299581	2018338204	2017423442	2018369477	<u>E21F 17 /-</u>
2020378491	2017372731	2021425738	<u>D06F 58 /-</u>	<u>E05B 65 /-</u>	2019239787
<u>C09K 5 /-</u>	2018296557	<u>C21D 9 /-</u>	2017423442	2018306621	<u>F01D 25 /-</u>
2018388034	2018330372	2018338204	<u>E01B 25 /-</u>	<u>E05B 73 /-</u>	2022259786
2020237992	2018364916	<u>C22B 11 /-</u>	2022201996	2018306621	<u>F01D 5 /-</u>
<u>C09K 8 /-</u>	2019409184	<u>C22B 3 /-</u>	<u>E01B 27 /-</u>	<u>E05F 1 /-</u>	2019200047
2018342586	2020286186	2021325311	2018275842	2018258957	<u>F02C 3 /-</u>
2018373161	2020310877	2021445505	<u>E01B 29 /-</u>	<u>E05F 15 /-</u>	2022306450
2019429892	2021267163	2020463690	<u>E06B 9 /-</u>	2023202225	2022306450
	2021385555	2021445505	2018206799	<u>F02C 6 /-</u>	2022306450
	<u>C12N 5 /-</u>	<u>C22B 9 /-</u>		<u>F02C 7 /-</u>	
	2017249321				
	2017358829				
	2018231364				
	2018272294				
	2018283364				
	2020327527				

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2022259786	<u>F24F 13/-</u>	2023202564	2019302550	2022203677	<u>G06Q 50/-</u>
<u>F03H 1/-</u>	2019242466	<u>G01C 1/-</u>	<u>G01R 31/-</u>	<u>G06F 17/-</u>	2019210607
2018312508	<u>F24H 1/-</u>	2018275842	2019374406	2021349869	<u>G06T 15/-</u>
<u>F04B 35/-</u>	2022279539	<u>G01C 15/-</u>	2020428938	<u>G06F 21/-</u>	2019316662
2022306450	<u>F24H 4/-</u>	2018275842	<u>G01S 5/-</u>	2019277292	<u>G06T 7/-</u>
<u>F04C 18/-</u>	2018388034	<u>G01D 18/-</u>	2023202072	2022203677	2018376898
2021210565	<u>F24H 9/-</u>	2018275842	<u>G02B 23/-</u>	2022215147	2020394957
<u>F04C 28/-</u>	2022279539	<u>G01F 1/-</u>	2018208639	<u>G06F 3/-</u>	<u>G06V 10/-</u>
2021210565	<u>F25B 1/-</u>	2021293617	<u>G02B 27/-</u>	2022218682	2019226224
<u>F04D 17/-</u>	2018388034	<u>G01F 23/-</u>	2018208639	2023200607	2023203773
2018333940	<u>F25B 43/-</u>	2018350886	<u>G02C 5/-</u>	2023216869	
<u>F04D 25/-</u>	2020237992	<u>G01G 11/-</u>	2022203857	<u>G06F 7/-</u>	<u>G06V 40/-</u>
2018333940	<u>F25B 45/-</u>	2023201523	<u>G02C 9/-</u>	2021219566	2019226224
<u>F04D 29/-</u>	2020237992	<u>G01G 13/-</u>	2022203857	2021382976	<u>G07F 7/-</u>
2018333940	<u>F25D 11/-</u>	2023201523	<u>G03B 19/-</u>	<u>G06F 9/-</u>	2019274397
2018353673	2021326859	<u>G01G 19/-</u>	2023200607	2019383041	<u>G08B 17/-</u>
2019200047	<u>F25D 19/-</u>	2023201523	<u>G03B 25/-</u>	2021317754	2019304129
<u>F04D 5/-</u>	2021326859	<u>G01N 1/-</u>	2021275769	2023203714	<u>G08B 21/-</u>
2018250163	<u>F25D 23/-</u>	<u>G03B 33/-</u>	<u>G06K 19/-</u>	<u>G06K 17/-</u>	<u>G08B 21/-</u>
<u>F16B 5/-</u>	2023200249	2019239860	2018208639	2021275769	2018226885
2019235578	<u>F25D 29/-</u>	2019302550	<u>G05B 1/-</u>	2018344408	<u>G08C 15/-</u>
<u>F16F 15/-</u>	2022204406	<u>G01N 11/-</u>	<u>G05B 19/-</u>	2021275769	2020480642
2020346059	<u>F41A 1/-</u>	<u>G01N 15/-</u>	<u>G06K 5/-</u>	2021327937	<u>G08G 1/-</u>
<u>F16J 15/-</u>	2023203773	<u>G01N 21/-</u>	<u>G06N 10/-</u>	<u>G06K 19/-</u>	2020394957
2023200808	<u>F41A 19/-</u>	2022204406	2019210607	2021275769	<u>G09B 1/-</u>
<u>F16K 31/-</u>	2019292332	<u>G01N 23/-</u>	<u>G05D 1/-</u>	<u>G06N 10/-</u>	2023202219
2018253500	<u>F41A 21/-</u>	2023203773	2022287561	2021268448	<u>G09B 23/-</u>
<u>F16K 37/-</u>	2019408916	<u>G01N 30/-</u>	<u>G05D 23/-</u>	2021343470	2018392163
2018451610	<u>F42B 12/-</u>	2019292332	2022279539	2021379051	
<u>F16L 15/-</u>	2018350886	<u>G01N 33/-</u>	<u>G06E 1/-</u>	2021382101	<u>G09G 5/-</u>
2019230532	<u>F42B 3/-</u>	2017259038	2022203066	2021399066	2022209235
<u>F17C 13/-</u>	2022203517	2018210388	<u>G06F 1/-</u>	2021405024	<u>G06N 20/-</u>
2021293617	<u>F42C 13/-</u>	2018272984	<u>G06F 12/-</u>	<u>G06N 20/-</u>	<u>G10L 19/-</u>
<u>F17C 5/-</u>	2018334105	2018283364	2021317754	2019277292	2021359236
2021293617	<u>F42D 1/-</u>	2018287514	<u>G06F 15/-</u>	2023203773	<u>G06N 3/-</u>
<u>F21V 23/-</u>	2022203517	2018395430	2022268327	2023203773	<u>G06Q 10/-</u>
2021393367	<u>G01B 11/-</u>	2019239860	<u>G06F 16/-</u>	<u>G06F 1/-</u>	<u>G06Q 10/-</u>
<u>F24F 1/-</u>	2018315726	2019292332	2019384114	<u>G06F 12/-</u>	<u>G16H 20/-</u>
2019242466	2019216882	2019344765		2019274397	2018392163
		2021258000		2022235604	<u>G21F 5/-</u>
		2023203773		<u>G06Q 20/-</u>	<u>G21F 5/-</u>
		<u>G01N 35/-</u>		2019274397	2019259768
				2022203677	2023201498
				<u>G06Q 40/-</u>	<u>G21G 4/-</u>
				2022235604	2023201498

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<u>H01F 1 /-</u>	<u>H03K 17 /-</u>	2023214361	<u>H05B 6 /-</u>
2019315668	2021445856	<u>H04Q 9 /-</u>	2019218810
<u>H01F 7 /-</u>	<u>H04B 10 /-</u>	2019257579	<u>H05K 1 /-</u>
2019315668	2022204490	2020418565	2021343470
<u>H01G 11 /-</u>	<u>H04B 7 /-</u>	<u>H04W 12 /-</u>	2021382101
2019215375	2021277195	2019239860	<u>H05K 3 /-</u>
<u>H01H 1 /-</u>	2021280023	<u>H04W 16 /-</u>	2021343470
2023202029	2022252818	2023202072	<u>H10K 50 /-</u>
<u>H01L 27 /-</u>	2023200848	<u>H04W 24 /-</u>	2021244430
2023201692	<u>H04J 11 /-</u>	2020441580	<u>H10K 59 /-</u>
<u>H01L 31 /-</u>	2022252818	<u>H04W 36 /-</u>	2021244430
2020437211	<u>H04J 99 /-</u>	2019268020	
2020453832	2022252818	2019288875	
2021282236	<u>H04L 1 /-</u>	<u>H04W 4 /-</u>	
2023200017	2019257579	2021265968	
2023201692	2023200332	2021327937	
<u>H01M 10 /-</u>	<u>H04L 12 /-</u>	2023202072	
2019204331	2022268327	<u>H04W 64 /-</u>	
<u>H01M 4 /-</u>	<u>H04L 45 /-</u>	2023202072	
2019215375	2019344548	<u>H04W 72 /-</u>	
2022259740	2021263605	2018434066	
<u>H01M 50 /-</u>	<u>H04L 47 /-</u>	2020472170	
2018366222	2019294687	2022275533	
<u>H01M 8 /-</u>	<u>H04L 5 /-</u>	<u>H04W 74 /-</u>	
2018333940	2021286093	2021292120	
<u>H02H 7 /-</u>	2022275533	2022215215	
2020428938	2023200332	<u>H04W 76 /-</u>	
<u>H02J 3 /-</u>	<u>H04L 61 /-</u>	2019371638	
2019204331	2019344548	<u>H04W 8 /-</u>	
2020456779	<u>H04L 7 /-</u>	2019268020	
<u>H02J 7 /-</u>	2020480642	2021286093	
2019204331	<u>H04L 9 /-</u>	2022228180	
2022259833	2021349869	<u>H04W 80 /-</u>	
<u>H02M 7 /-</u>	2022203677	2019371638	
2020475165	<u>H04M 3 /-</u>	<u>H04W 88 /-</u>	
<u>H02S 10 /-</u>	2023202014	2019268020	
2021393367	<u>H04M 7 /-</u>	2019288875	
<u>H02S 20 /-</u>	2023202014	<u>H04W 92 /-</u>	
2024200320	<u>H04N 19 /-</u>	2018430965	
<u>H02S 40 /-</u>	2019381454	<u>H05B 45 /-</u>	
2021393367	2020387317	2021393367	
	2021207559	<u>H05B 47 /-</u>	
	2022235881	2021393367	
	2023202564		

Certified Innovation Patents**Name Index**

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

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- (71) ASSA ABLOY Australia Pty Limited
(11) AU-B-2024100005
(21) 2024100005 (22) 16.02.2024
(54) A LOCK ASSEMBLY WITH A RETENTION MEANS
(51) Int. Cl.
E05B 63/18 (2006.01)
E05B 15/10 (2006.01)
E05B 17/00 (2006.01)
E05B 63/00 (2006.01)
(45) 23.05.2024
(62) 2018223220
(72) Guo, Timo; Ou, Jack; Murray, Craig
Stuart
(74) PHILLIPS ORMONDE FITZPATRICK

Numerical Index

2024100005 ASSA ABLOY Australia Pty Limited

IPC Index

E05B 15 /-

2024100005

E05B 17 /-

2024100005

E05B 63 /-

2024100005

Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Lodged

- 2021277716 **FISHER & PAYKEL HEALTHCARE LIMITED** (ResMed Pty Ltd)
- 2022209326 **Superior Power Tool Co., Ltd.** (Cooper IP Pty Ltd)

Patents Granted

Standard Patents

- 2016361451 2016366557 2016381832 2017267793
- 2017277631 2017319643 2017331814 2017345562
- 2017354027 2017362981 2017378876 2017388130
- 2017402165 2017432235 2017434032 2017440218
- 2018200775 2018202357 2018205434 2018206431
- 2018208535 2018214438 2018217372 2018224044
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- 2021273567 2021273627 2021274149 2021277606
- 2021282386 2021282492 2021286316 2021286385
- 2021286497 2021290424 2021293105 2021297161
- 2021297293 2021302094 2021304095 2021307380
- 2021311570 2021328255 2021330430 2021332210
- 2021338355 2021350564 2021356436 2021367116
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- 2022203918 2022203923 2022204019 2022204373
- 2022204629 2022204642 2022204933 2022211885
- 2022215308 2022221389 2022221555 2022221567
- 2022224714 2022246433 2022252697 2022259770

Patents Granted

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- 2022263452 2022271392 2022271423 2022271507
- 2022275406 2022275528 2022279466 2022283665
- 2022283718 2022289635 2022291520 2022321036
- 2022348886 2022349541 2023200066 2023200138
- 2023200294 2023200639 2023200685 2023200901
- 2023201053 2023201986 2023202030 2023202101
- 2023203548 2023204660 2023208119 2023222948
- 2023233078

Innovation Patents

- 2020104505 2020104506

Assignments Registered

- 2008322224 Viridis Biopharma Pvt Ltd. The patent has been assigned to **Synergia Life Sciences Pvt Limited**
- 2009216682 Xolution Technology GmbH The patent has been assigned to **Egnis Inc.**
- 2010231093 Keppel Offshore & Marine Technology Centre Pte Ltd The patent has been assigned to **SEATRIUM ECO TECHNOLOGY PTE. LTD.**
- 2012258526 Green Cell Technologies (Pty) Ltd The patent has been assigned to **RWH Holdings (Pty) Ltd**
- 2012346662 DSM IP Assets B.V. The patent has been assigned to **Danisco US Inc.**
- 2013210783 Kreutz, Fernando Thome The patent has been assigned to **CellVax Therapeutics Inc.**
- 2013220142 Anergy Limited The patent has been assigned to **Actinon Pte Ltd**
- 2013256502 Acute Innovations LLC The patent has been assigned to **Acumed LLC**
- 2014260509 Lipidor AB The patent has been assigned to **EMOLLI-VET AB**
- 2014296626 2seventy bio, Inc. The patent has been assigned to **Regeneron Pharmaceuticals, Inc.**
- 2015204330 Nova Wildcat Shur-Line, LLC The patent has been assigned to **True Value Company, L.L.C.**
- 2016412932 Sunrise SPC Technology, LLC The patent has been assigned to **I4F Licensing NV**
- 2016412933 Sunrise SPC Technology, LLC The patent has been assigned to **I4F Licensing NV**
- 2017371811 Lancaster University Business Enterprises Limited The patent has been assigned to **UNIVERSITY OF LANCASTER**
- 2018100811 Queensland Bullbars The patent has been assigned to **AutoPacific Australia Pty Ltd**
- 2018375468 Aptabio Therapeutics Inc.; Samjin Pharmaceutical Co., Ltd. The patent has been assigned to **Aptabio Therapeutics Inc.**
- 2019203955 2seventy bio, Inc. The patent has been assigned to **Regeneron Pharmaceuticals, Inc.**
- 2020427991 Shangrao Xinyuan YueDong Technology Development Co. Ltd The patent has been assigned to **JINGAO SOLAR CO., LTD.**

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Accepted

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

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

2009331570 **Novo Nordisk A/S**

The earliest first regulatory approval date provided by the patentee 05 Jul 2023

For the goods ALHEMO concizumab

Address for service : Pearce IP Pty Ltd L5, 20 Bond St SYDNEY NSW 2000 AU

Extensions granted

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

2016305075 **Legend Biotech Ireland Limited**

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

For the goods CARVYKTI T cells-Ciltacabtagene autoleucl, cryop-reserved

Extension of Term of patent pursuant to Section 77 expires on 06 Jun 2038

2017311089 **Legend Biotech Ireland Limited**

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

For the goods CARVYKTI T cells-Ciltacabtagene autoleucl, cryop-reserved

Extension of Term of patent pursuant to Section 77 expires on 06 Jun 2038

2020200151 **LEGEND BIOTECH IRELAND LIMITED**

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

For the goods CARVYKTI T cells-Ciltacabtagene autoleucl, cryop-reserved

Extension of Term of patent pursuant to Section 77 expires on 06 Jun 2038

2021200453 **LEGEND BIOTECH IRELAND LIMITED**

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

For the goods CARVYKTI T cells-Ciltacabtagene autoleucl, cryop-reserved

Extension of Term of patent pursuant to Section 77 expires on 06 Jun 2038

Corrigenda

In Vol 58 , No 17 , Page(s) 2491 under the heading **Applications Accepted - Name Index** Under the name GUANGDONG YOUKAI TECHNICAL CO., LTD., Application No. 2024200412, under INID (54) correct the title to read CLOTHING FRAGRANCE-RETAINING PARTICLE COMPOSITION AND PREPARATION METHOD THEREOF

In Vol 58 , No 19 , Page(s) 2707 under the heading **Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired - 2024** Delete all reference to 2024201300.

Corrigenda

In Vol 58 , No 19 , Page(s) 2710 under the heading **Amendments - Application for Amendments** Under the name DSM IP Assets B.V., Application No. 2006316397 correct the date of the statements filed to read 17 Nov 2022, 2 May 2023, 11 Sep 2023 and 11 Apr 2024

Specifications Republished

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

- 2018205285 **Radius Pharmaceuticals, Inc.**
- 2020257119 **Roche Glycart AG**
- 2020467090 **CHONGQING HYLON CO., LTD**
- 2020467829 **HSU, R.W.Y.**
- 2020469133 **VIASAT, INC.**
- 2020472759 **ZUO, S.**
- 2020481961 **SPECIALISED PAIN MEDICINE PTY LTD**
- 2021328698 **GLOBAL INVENTIONS; GILBERT, J.**
- 2021329422 **BAKER HUGHES OILFIELD OPERATIONS LLC**
- 2021330430 **China UnionPay Co., Ltd.**
- 2021332886 **BEIJING TIDE PHARMACEUTICAL CO., LTD.**
- 2021333853 **DEPUY SYNTHES PRODUCTS, INC.**
- 2021337531 **UNIVERSITY OF IOWA RESEARCH FOUNDATION**
- 2021341770 **SOMERSET INTERNATIONAL FINANCE LIMITED**
- 2021342431 **IMAGION BIOSYSTEMS, INC.**
- 2021346784 **KUHN SAS**
- 2021346866 **SYNTHON B.V.**
- 2021348256 **POLYPLAN-KREIKENBAUM GRUPPE GMBH**
- 2021349359 **ALTECT, INC.**
- 2021350035 **BIOMEDIT, LLC**
- 2021350104 **DSM NUTRITIONAL PRODUCTS, LLC**
- 2021351161 **COVESTRO (NETHERLANDS) BV**
- 2021352108 **VADERIS THERAPEUTICS AG**
- 2021353009 **KATHOLIEKE UNIVERSITEIT LEUVEN; SPRINGWORKS THERAPEUTICS, INC.; VIB VZW**
- 2021354039 **AMINEX THERAPEUTICS, INC.**
- 2021355495 **Apalta Patents OÜ**
- 2021356542 **AGENSYS, INC.; SEAGEN INC.**
- 2021358391 **VERTIV S.R.L.**
- 2021358723 **KYOCERA SENCO INDUSTRIAL TOOLS, INC.**
- 2021358759 **SCIENTIA VASCULAR, INC.**
- 2021359535 **CHINA PETROLEUM & CHEMICAL CORPORATION; SINOPEC CHONGQING SVW CHEMICAL CO., LTD.**
- 2021360241 **THERAVECTYS**
- 2021361215 **PREMIUM FERTILITY S.L.**
- 2021361232 **DAOUK, A.**
- 2021361341 **BEN BROGAN PTY LTD**
- 2021361994 **SONOMACEUTICALS, LLC**
- 2021362975 **RANOK THERAPEUTICS (HANGZHOU) CO. LTD.**
- 2021363043 **ELLEPOT A/S**
- 2021363405 **QINGDAO HAIER SPECIAL REFRIGERATION ELECTRIC APPLIANCE CO., LTD.; HAIER SMART HOME CO., LTD.**
- 2021364566 **THE PROCTER & GAMBLE COMPANY**
- 2021364827 **VISGENX, INC.**
- 2021364838 **OMVAX, INC.**
- 2021366741 **ROOTPATH GENOMICS, INC.**
- 2021368754 **ASHVATTHA THERAPEUTICS, INC.**
- 2021370223 **SOMFY ACTIVITES SA**
- 2021371032 **RESEARCH INSTITUTE AT NATIONWIDE CHILDREN'S HOSPITAL**
- 2021371434 **PAIMCOS PTY LTD**
- 2021372409 **BAYON THERAPEUTICS, INC.; THE REGENTS OF THE UNIVERSITY OF CALIFORNIA**
- 2021373588 **EAGLEPICHER TECHNOLOGIES, LLC**
- 2021375261 **MYOCENE**
- 2021375734 **FOLIUM FOOD SCIENCE LIMITED**
- 2021376188 **ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI**

Specifications Republished

2021381981	CARBON TECHNOLOGY HOLDINGS, LLC
2021386023	CYTIVA BIOPROCESS R&D AB
2021389989	ELPISCIENCE (SUZHOU) BIOPHARMA, LTD.; ELPISCIENCE BIOPHARMA, LTD.
2021390901	LG CHEM, LTD.
2021391493	GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED
2021392053	AUTOMATIC BAR CONTROLS, INC.
2021392077	SEQIRUS INC.
2021392476	ENEOS CORPORATION
2021394748	IMAGINE PHARMA LLC
2021395248	GENENTECH, INC.; F. HOFFMANN-LA ROCHE AG
2021397056	FIDELITY INFORMATION SERVICES, LLC
2021397863	BAE SYSTEMS PLC
2021402000	BREVILLE PTY LIMITED
2021402149	NIGHTINGALE HEALTH OYJ
2021403127	EQALIS GROUP NEW ZEALAND LIMITED
2021403616	JANSSEN PHARMACEUTICA NV
2021405046	TEN CATE THIOLON B.V.
2021405770	VITO AG
2021406190	SABIC Agri-Nutrients Company
2021406359	SAM - DIMENSION GMBH
2021409652	COLGATE-PALMOLIVE COMPANY
2021410011	ISP INVESTMENTS LLC
2021411968	COOKIES CREATIVE CONSULTING & PROMOTIONS, INC.
2021412316	BASF SE
2021412388	VESTATIS GMBH
2021413227	ELEPHAS BIOSCIENCES CORPORATION
2021415123	ECOLE NATIONALE SUPERIEURE DE TECHNIQUES AVANCEES; ASSISTANCE PUBLIQUE HOPITAUX DE PARIS
2021415164	NORTH INNOVATION AS
2021415294	TRACXONE LTD.
2021416175	H.P. SHELBY MANUFACTURING LTD.
2021416723	LACTOBIO A/S
2021417492	SEKISUI HOUSE, LTD.
2021419776	NIPPON TELEGRAPH AND TELEPHONE CORPORATION
2021423621	EPIROC DRILLING SOLUTIONS, LLC
2021427809	MITSUBISHI ELECTRIC CORPORATION
2021438118	HALLIBURTON ENERGY SERVICES, INC.
2022205084	PATERNA BIOSCIENCES INC.
2022205801	RADIUS HEALTH, INC.
2022207897	KORANEX CAPITAL
2022208061	CREARE LLC
2022213344	FMC CORPORATION; FMC AGRO SINGAPORE PTE. LTD.
2022214187	SAGE THERAPEUTICS, INC.
2022214821	CAREFUSION 303, INC.
2022216216	RAPT THERAPEUTICS, INC.
2022217704	HYBRIT DEVELOPMENT AB
2022221124	F. HOFFMANN-LA ROCHE AG
2022224588	ARRIS Enterprises LLC
2022226921	BAXTER INTERNATIONAL INC.; BAXTER HEALTHCARE SA
2022228284	ZEBRA TECHNOLOGIES CORPORATION
2022237705	EXEGER OPERATIONS AB
2022402780	TIANQI LITHIUM GENESIS TECHNOLOGY (SHENZHEN) LTD.