



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

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Professional Standards Board

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Country Codes

Trade Mark and Designs Hearing Sessions

INID (Internationally agreed Numbers for the Identification of Data)

GUIDE TO THE USE OF THIS JOURNAL

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

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

(i) FILING -

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

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

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

(iii) ACCEPTANCE –

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

(iv) OPPOSITION –

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

(v) GRANTING –

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

(vi) CERTIFICATION

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

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

How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

How Australian Patent Documents are Numbered

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

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

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

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

See Examples:

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

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

For each of the categories

(i) Provisional Applications Filed, (ii)

Complete Applications Filed, (iii)

Applications Open to Public Inspection

(iv) Applications Accepted, and (v)

Innovation Patent Certified.

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

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

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

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

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

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

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

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

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

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

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

The following Numerical Indices are available:

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

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

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

The indices to use are

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

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

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

'INID' NUMBERS in use on Australian Patent Documents

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

(10) Document identification

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

(20) Document filing data

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

(30) Priority data

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

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

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

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

(50) Technical Information

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

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

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

(70) Identification of parties concerned with the document

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

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

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

NOTE

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

AU-A = Pre-examination

AU-B = Post-examination

- (2) The classification used is the International Patent Classification and is identified by the INID code (51). Further editions of the classification are identified as (51)₂, (51)₃, (51)₄ and (51)₅.
- (3) INID code 74 provides for the name of the patent attorney, or firm of attorneys, prosecuting an application.
- (4) There is a gap in volume numbering of the Australian Official Journal of Patents. The volumes are:
- 1987-2022 Volume 1 - 36
 - 2023 - Volume 57 -

Proceedings under the Patents Act 1990

Provisional Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 17 Sep 2024 .

(71) AdvanCell Isotopes Pty Limited (21) 2024903000 (22) 19.09.2024 (54) Radioisotope generator	(71) Baace Products NZ Limited; RAINBOW, B. (21) 2024902973 (22) 18.09.2024 (54) Fishing Tool	(21) 2024903053
(71) Ambrosius, K. (21) 2024903042 (22) 23.09.2024 (54) The Unified Field Equation: Unified Understanding on the Universe.	(71) Backtech Pty Ltd (21) 2024902987 (22) 18.09.2024 (54) 'Backfill breather hole monitoring device'	(71) Cadds Group Pty Ltd (21) 2024902979 (22) 18.09.2024 (54) REMOTE-CONTROLLED UNMANNED JACKING VEHICLE AND SYSTEM
(71) Annex Products Pty. Ltd. (21) 2024902965 (22) 17.09.2024 (54) MOBILE ELECTRONIC DEVICE MOUNTING	(71) BellMax Acoustic Pty Ltd (21) 2024903019 (22) 20.09.2024 (54) Non-Porous, Broadband, Sound Absorbing Acoustic Panel	(71) CAMPBELL MCNICOLL; ISABELA ALVES DE CASTRO; JOHN WORTH; RORY COVENTRY (21) 2024903059 (22) 24.09.2024 (54) Direct lithium extraction process and system
(71) Apergy Artificial Lift Pty Ltd (21) 2024903003 (22) 19.09.2024 (54) VALVE COMPONENT FOR DOWN-HOLE PUMP	(71) Bennett, J. (21) 2024902980 (22) 18.09.2024 (54) Cover for a Car Bonnet with Adjustable Tensioning Mechanism	(71) CAMPBELL MCNICOLL; ISABELA ALVES DE CASTRO; JOHN WORTH; RORY COVENTRY (21) 2024903060 (22) 24.09.2024 (54) Direct lithium extraction process and system
(71) Atlas Orthopaedics Pty Ltd (21) 2024903050 (22) 23.09.2024 (54) An orthopaedic implant	(71) Bin Kamruddin, A. (21) 2024903043 (22) 23.09.2024 (54) Full-Body 3D Video Call System with Real-Time Motion and Facial Capture for Augmented and Virtual Reality Environments	Chambers, C. see McNamee, D. (21) 2024902999
(71) Audit My Payroll Pty Ltd (21) 2024903044 (22) 23.09.2024 (54) SYSTEM AND METHOD FOR AUDITING PAYROLLS	(71) Bio-Gene Technology Limited (21) 2024902966 (22) 17.09.2024 (54) COMPOSITIONS FOR CONTROL OF VEGETATION	(71) Chauncy, D. (21) 2024902975 (22) 18.09.2024 (54) Macadamia Husk/Sugar Coffin
(71) B.V. Hawthorne Pty Ltd (21) 2024903013 (22) 20.09.2024 (54) Wastewater Treatment System	(71) Biscotto, A. (21) 2024902985 (22) 18.09.2024 (54) System and Method for Real-Time Muscle Activation Tracking and Analysis Using Electromyography (EMG) Data	(71) chirva, n.; Chirva, N. (21) 2024903039 (22) 23.09.2024 (54) Occupational Health and Safety (OHS) officers working in rural and remote area safety device
(71) B & K Mining Pty Ltd (21) 2024902983 (22) 18.09.2024 (54) GROUTING ASSEMBLY AND METHOD	Bright, M. see Liftlabz Pty Ltd (21) 2024902986	Chirva, N. see chirva, n. (21) 2024903039
	Bui, N.Q. see HAMELIN, N.	(71) Clipex IP Limited (21) 2024903065 (22) 24.09.2024 (54) CURVED SHEETED RACE

Provisional Applications Filed - Name Index cont'd

(71) Commonwealth Scientific and Industrial Research Organisation
(21) 2024903020 (22) 20.09.2024
(54) Ionisable Lipid Compounds

(71) Commonwealth Scientific and Industrial Research Organisation
(21) 2024903021 (22) 20.09.2024
(54) Ionisable Lipid Compounds

(71) Commonwealth Scientific and Industrial Research Organisation
(21) 2024903041 (22) 23.09.2024
(54) A METHOD FOR STORING HYDROGEN

(71) Crothers, P.
(21) 2024903048 (22) 23.09.2024
(54) A mobile spreader assembly

(71) Dermcare-Vet Pty Ltd
(21) 2024903046 (22) 23.09.2024
(54) Method of treating or inhibiting the development of an infection

(71) DIAM DISPLAY AUSTRALIA PTY LTD
(21) 2024902992 (22) 19.09.2024
(54) Modular Pallet Edge Guard Assembly

(71) DIRAD PTY LTD
(21) 2024903062 (22) 24.09.2024
(54) PERIODONTAL INSTRUMENT AND METHOD OF SUBGINGIVAL THERAPY

(71) Emergency Warning Systems LTD
(21) 2024903023 (22) 20.09.2024
(54) SIMPLEX BROADCAST MULTI FACTOR ENCRYPTION OVER RF

(71) Emergency Warning Systems LTD
(21) 2024903024 (22) 20.09.2024
(54) QUALITY OF SIGNAL BROADCAST SYSTEM

(71) Emergency Warning Systems LTD
(21) 2024903025 (22) 20.09.2024
(54) SIMPLEX BROADCAST LOCATION-BASED MESSAGING SYSTEM

(71) Emergency Warning Systems LTD
(21) 2024903026 (22) 20.09.2024
(54) RF PROPAGATION OVERLAP MANAGEMENT SYSTEM

(71) Engender Technologies Limited
(21) 2024903010 (22) 20.09.2024
(54) CELL SORTING APPARATUS AND METHODS

(71) EPConnex Pty Ltd
(21) 2024903061 (22) 24.09.2024
(54) An electroplating system for maintaining a flexible membrane

(71) ePrep Pty Ltd
(21) 2024903036 (22) 23.09.2024
(54) Sample Preparation for Chromatography by Phase Displacement Extraction

(71) Eustralis Pharmaceuticals Limited (trading as PresSura Neuro)
(21) 2024903006 (22) 20.09.2024
(54) Methods for treating Concussion

(71) Flexxi Beauty Pty Ltd
(21) 2024902977 (22) 18.09.2024
(54) Disability cosmetics brush

(71) Galaxy Intellectual Property Pty Ltd
(21) 2024903049 (22) 23.09.2024
(54) Carbon Reduction System

(71) Ganley Group Pty Ltd
(21) 2024902990 (22) 19.09.2024
(54) Method and device for dispensing liquid from a container

(71) Gaynor, B.
(21) 2024903031 (22) 22.09.2024
(54) Improved process for delivery of essential oil treatments into honeybee hives for detection and control of varroa mites

(71) Gerogiannis, C.
(21) 2024902976 (22) 18.09.2024
(54) Electrical leads safety device

(71) Gilto, M.
(21) 2024903073 (22) 24.09.2024
(54) Hair Root Treatment Applicator for Mixing and Dispensing Hair Dye and Developer

(71) Gomez, R.
(21) 2024903004 (22) 19.09.2024
(54) SIMPLE HYDROGEN PROCESS TO PRODUCE GREEN STEEL FROM IRON ORES

(71) GreenForge Labs Pty Ltd
(21) 2024903008 (22) 20.09.2024
(54) VEHICLE MOUNTED SYSTEM FOR CLEANING SOLAR PANELS

(71) Gregory Hills Development Company Pty Ltd
(21) 2024903009 (22) 20.09.2024
(54) A LOCKSET INSTALLATION KIT

(71) H.W. LANDELLS PTY LTD
(21) 2024902994 (22) 19.09.2024
(54) SIGNAGE SYSTEM AND METHOD OF CONSTRUCTING SIGNAGE

(71) Halter USA Inc.
(21) 2024903035 (22) 23.09.2024
(54) SYSTEM AND METHOD FOR PREVENTING UNFAIR STIMULUS APPLICATION

(71) HAMELIN, N.; Bui, N.Q.; Ta, H.A.; Rahimi, R.
(21) 2024903053 (22) 24.09.2024
(54) A cloud-based multimodal advertising Ai analysis system with respondent emotion tracking

(71) Hawthorne Holdings Pty Ltd
(21) 2024902989 (22) 19.09.2024
(54) A PIPE CONNECTOR FOR CONNECTING PIPES OF DIFFERENT MATERIALS

(71) Health First Systems Ltd
(21) 2024903040 (22) 23.09.2024
(54) Testing device and method

HENDERSON, D. see RAJENDRAM, G.
(21) 2024902988

(71) Holland, A.
(21) 2024903038 (22) 23.09.2024
(54) Joist Bracket Assembly

(71) Holliday, P.
(21) 2024902964 (22) 17.09.2024
(54) A Software-Only Virtual Data Diode for Secure Unidirectional Data Transfer Across Virtual and Cloud Environments

(71) HORUSSENSORIUM HOLDINGS PTY LTD
(21) 2024903005 (22) 20.09.2024
(54) A COMPUTER IMPLEMENTED METHOD FOR MONITORING AND TRACKING SAFE TRANSPORTATION OF HAZARDOUS GOODS

(71) Innovation Corp Pty Limited
(21) 2024902991 (22) 19.09.2024
(54) CONTROL SYSTEM AND METHOD OF FORMING A HELICAL FLIGHT

Provisional Applications Filed - Name Index cont'd

ISABELA ALVES DE CASTRO see CAMP-BELL MCNICOLL
(21) 2024903059

ISABELA ALVES DE CASTRO see CAMP-BELL MCNICOLL
(21) 2024903060

(71) iX Biopharma Ltd
(21) 2024902997 (22) 19.09.2024
(54) Compositions and methods for initiating a mucosal immune response

JOHN WORTH see CAMPBELL MCNICOLL
(21) 2024903059

JOHN WORTH see CAMPBELL MCNICOLL
(21) 2024903060

(71) Junio-Hartmann, R.
(21) 2024903052 (22) 23.09.2024
(54) Method and System for Automated Pre-Screening of Secondhand Furniture Donations Using Machine Learning and Circular Economy Integration

Kenny, J. see Kenny, R.
(21) 2024902993

(71) Kenny, R.; Kenny, J.
(21) 2024902993 (22) 19.09.2024
(54) CONSTRUCTION SYSTEM COMPONENTS

(71) Konise, S.
(21) 2024903002 (22) 19.09.2024
(54) METHODS AND SYSTEMS FOR AUDIO COMMUNICATION

(71) larkin, b.
(21) 2024903032 (22) 22.09.2024
(54) Fish Gripper

Lattouf, D. see Liftlabz Pty Ltd
(21) 2024902986

(71) Liftlabz Pty Ltd; Bright, M.; Lattouf, D.
(21) 2024902986 (22) 18.09.2024
(54) Ergonomic hand grip for physical activity

(71) Macdonald, J.
(21) 2024903076 (22) 24.09.2024
(54) Gravity Storage Wind Turbine

(71) Marquis Macadamias Ltd
(21) 2024903045 (22) 23.09.2024
(54) NUT SHELLING MACHINE AND METHOD

(71) McNamee, D.; Chambers, C.
(21) 2024902999 (22) 19.09.2024
(54) Process for manufacturing sustainable energy

(71) MediSyn Medical Synergy
(21) 2024902996 (22) 19.09.2024
(54) CUFF-X

(71) MediSyn Medical Synergy
(21) 2024902998 (22) 19.09.2024
(54) Merino wool protective band for watches

(71) MITCHELL, S.; PAN, P.; WOODHEAD, B.; WU, Z.
(21) 2024903027 (22) 20.09.2024
(54) IMPROVED FORMULATIONS

(71) Modpacs
(21) 2024902970 (22) 18.09.2024
(54) Lightweight ceiling and roof system

(71) Modpacs
(21) 2024902971 (22) 18.09.2024
(54) A Lightweight panelised assembly

(71) Modpacs
(21) 2024902972 (22) 18.09.2024
(54) An adjustable elevated floor post support method

(71) Modpacs
(21) 2024903028 (22) 21.09.2024
(54) Panelised wall panel assembly utilising timber framing components

(71) Monash University
(21) 2024903001 (22) 19.09.2024
(54) Robot end effector and method for object interaction

(71) Morph Sanding Solutions; Weihoenig, J.
(21) 2024903029 (22) 21.09.2024
(54) Morph sander

(71) Muratovic, S.
(21) 2024902982 (22) 18.09.2024
(54) Bill Aggregation and Payment Management System

(71) Mynd Bio Pty Ltd
(21) 2024903016 (22) 20.09.2024
(54) Process

(71) NEWSOUTH INNOVATIONS PTY LIMITED
(21) 2024903051 (22) 23.09.2024
(54) Apparatus for simulating cardiac motion

(71) Novapharm Research (Australia) Pty Ltd
(21) 2024903047 (22) 23.09.2024
(54) Cleaning composition

(71) Nyrada Pty Ltd
(21) 2024903017 (22) 20.09.2024
(54) Compounds for treatment of excitotoxicity

(71) Nyrada Pty Ltd
(21) 2024903018 (22) 20.09.2024
(54) Compounds for cancer treatment

Obruchkov, S. see Teal, P.
(21) 2024902978

(71) Orica Explosives Technology Pty Ltd
(21) 2024902974 (22) 18.09.2024
(54) Systems and methods for geophysical sensing

(71) Ornata Technologies Pty Ltd
(21) 2024902981 (22) 18.09.2024
(54) Spraying fluid

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(21) 2024903027

(71) Pell, D.
(21) 2024903054 (22) 24.09.2024
(54) LTOs Improve Mobile Electric Vehicle Recovery Efficiency

(71) Pell, D.
(21) 2024903055 (22) 24.09.2024
(54) Using LTOs to Improve Rapid Electric Vehicle Charge Rates

(71) Pempek Systems Pty Ltd
(21) 2024903022 (22) 20.09.2024
(54) System and method for underground spatial perception

(71) Peter MacCallum Cancer Institute
(21) 2024903015 (22) 20.09.2024
(54) Compounds and uses thereof

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(71) Portal SportsMed Pty Ltd
(21) 2024902984 (22) 18.09.2024
(54) APPARATUS FOR CREATING A FIBRIN BLOOD CLOT

(71) Pothulu, N.
(21) 2024902968 (22) 17.09.2024
(54) Indirect Tax RAG Chatbot

(71) Pura Link Pty Ltd
(21) 2024903058 (22) 24.09.2024
(54) A SEMI-DIFFERENTIAL SWERVE DRIVE

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(21) 2024903053

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(21) 2024902973

(71) RAJENDRAM, G.; HENDERSON, D.
(21) 2024902988 (22) 19.09.2024
(54) PHOSPHOROUS FERTILISER

(71) Raza, S.A.
(21) 2024902995 (22) 19.09.2024
(54) Decision support system and method for managing physical assets based on circular economy

(71) Renewable Metals Pty Ltd
(21) 2024902963 (22) 17.09.2024
(54) Recovery of Cobalt and Lithium from E-waste

(71) ResMed Pty Ltd
(21) 2024903007 (22) 20.09.2024
(54) HEAT MOISTURE EXCHANGER STRUCTURES

(71) ResMed Pty Ltd
(21) 2024903012 (22) 20.09.2024
(54) CUSHIONS FOR PATIENT INTERFACES

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(21) 2024903059

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(21) 2024903060

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(21) 2024903064

(71) Schwarz, A.; Schwarz, A.
(21) 2024903064 (22) 24.09.2024
(54) A SIEVE APPARATUS

(71) SENSE2 PTY LTD
(21) 2024903033 (22) 22.09.2024
(54) Method for Enhancing Thermal Management and Mechanical Durability of Lightweight Metal Components in Robotics, Drones, and Aerospace Applications through Novel Boron-Doped Diamond Coatings

(71) SENSE2 PTY LTD
(21) 2024903034 (22) 22.09.2024
(54) Advanced Boron-Doped Diamond Structures for High-Performance Semiconductor, Memory, and Quantum Computing Applications

(71) Shidiak, L.
(21) 2024903014 (22) 20.09.2024
(54) Meniscal Repair Tool with Enhanced Steering and Suture Deployment Mechanism

(71) Smith, M.
(21) 2024903056 (22) 24.09.2024
(54) ENERGY STORAGE AND TRANSFER SYSTEMS AND DEVICES

(71) South Australian Health and Medical Research Institute Limited
(21) 2024903011 (22) 20.09.2024
(54) BIOMARKERS AND METHODS FOR ASSESSING AUTOPHAGY

(71) STOMAL SPONGE
(21) 2024903030 (22) 21.09.2024
(54) Stomal Sponge

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(21) 2024903053

(71) Taylor, D.
(21) 2024903066 (22) 24.09.2024
(54) A Multi-Level Car Parking System

(71) Teal, P.; Thomas, D.; Obruchkov, S.; Tzeng, Y.
(21) 2024902978 (22) 18.09.2024
(54) A SCANNING SYSTEM AND METHODS OF SCANNING

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(21) 2024902978

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(21) 2024902978

(71) Vippond, A.; Robinson, J.
(21) 2024903037 (22) 23.09.2024
(54) METHOD AND APPARATUS FOR RECOVERING MATERIALS FROM DISCARDED SOLAR PANELS

(71) WEDGELOCK EQUIPMENT LIMITED
(21) 2024903057 (22) 24.09.2024
(54) A QUICK COUPLER SAFETY MECHANISM

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(21) 2024903029

(71) WOOD, A.
(21) 2024903071 (22) 24.09.2024
(54) COMPOSITE BOLLARD

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(21) 2024903027

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(21) 2024903027

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2024902991	Innovation Corp Pty Limited	2024903055	Pell, D.
2024902992	DIAM DISPLAY AUSTRALIA PTY LTD	2024903056	Smith, M.
2024902993	Kenny, R.; Kenny, J.	2024903057	WEDGELOCK EQUIPMENT LIMITED
2024902994	H.W. LANDELLS PTY LTD	2024903058	Pura Link Pty Ltd
2024902995	Raza, S.A.	2024903059	CAMPBELL MCNICOLL; ISABELA ALVES DE CASTRO; JOHN WORTH; RORY COVENTRY
2024902996	MediSyn Medical Synergy		CAMPBELL MCNICOLL; ISABELA ALVES DE CASTRO; JOHN WORTH; RORY COVENTRY
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Applications listed below were processed through the Patent Office Canberra during the period ending 17 Sep 2024 .

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

(71) 3M Innovative Properties Company (21) 2024220005 (22) 24.09.2024 (54) Foam comprising thermoplastic polymers and expanded microspheres suitable for medical tapes and bandages	(71) Angel Group Co., Ltd. (21) 2024219960 (22) 22.09.2024 (54) CHIP RECOGNITION SYSTEM	(71) AstraZeneca AB (21) 2024219819 (22) 18.09.2024 (54) N-(2-(4-CYANOTHIAZOLIDIN-3-YL)-2-OXOETHYL)- QUINOLINE-4-CARBOXYAMIDES
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(71) Aeroklas Asia Pacific Group Pty Ltd (21) 2024219946 (22) 20.09.2024 (54) Air Compressor	(71) Apex Brands, Inc. (21) 2024219879 (22) 19.09.2024 (54) TORQUE WRENCH WITH STRAIN GAUGES	(71) Aventacell Biomedical Corp. Ltd. (21) 2024219959 (22) 22.09.2024 (54) Method for preparing exosomes from human platelet
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(71) Alcon Inc. (21) 2024219905 (22) 20.09.2024 (54) STEREOSCOPIC VISUALIZATION CAMERA AND INTEGRATED ROBOTICS PLATFORM	(71) Apple Inc. (21) 2024220018 (22) 24.09.2024 (54) Mobile key enrollment and use	(71) BASF SE (21) 2024219987 (22) 23.09.2024 (54) Herbicidal mixtures comprising L-glufosinate or its salt and at least one protoporphyrinogen-IX oxidase inhibitor
(71) American Sterilizer Company (21) 2024219931 (22) 20.09.2024 (54) Proximity detection for a surgical light	(71) Applied Medical Resources Corporation (21) 2024220008 (22) 24.09.2024 (54) Systems and methods for tissue removal	(71) BASF SE (21) 2024219994 (22) 23.09.2024 (54) Herbicidal mixtures comprising L-glufosinate or its salt and at least one protoporphyrinogen-IX oxidase inhibitor
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(71) Angel Group Co., Ltd. (21) 2024219928 (22) 20.09.2024 (54) Gaming chip and management system		

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(71) Blue Vigil LLC
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(71) Blue Vigil LLC
 (21) 2024219864 (22) 19.09.2024
 (54) Systems and Methods for Heat Transfer in Drones

(71) Boston Scientific Scimed, Inc.
 (21) 2024219843 (22) 18.09.2024
 (54) Apparatus and methodology for reshaping a laser beam

(71) Breathe Technologies, Inc.
 (21) 2024219877 (22) 19.09.2024
 (54) Modular ventilation system

(71) Breville USA, Inc.
 (21) 2024219893 (22) 19.09.2024
 (54) Thermal immersion circulator

(71) Brilliant Light Power, Inc.
 (21) 2024219888 (22) 19.09.2024
 (54) Thermophotovoltaic electrical power generator

(71) Brunswick Corporation
 (21) 2024219897 (22) 19.09.2024
 (54) Trim tab actuator assemblies and brackets and methods thereof

(71) BT Manufacturing, LLC
 (21) 2024219938 (22) 20.09.2024
 (54) Smart tank predictive production feedback system and method

(71) Canva Pty Ltd
 (21) 2024219940 (22) 20.09.2024
 (54) Systems and methods for automatically generating designs

(71) Canva Pty Ltd
 (21) 2024219980 (22) 23.09.2024
 (54) Systems and methods for generating digital images

(71) Carter, A.
 (21) 2024219955 (22) 20.09.2024
 (54) System and method for controlling amount of screen time of an individual

(71) CATERPILLAR GLOBAL MINING EQUIPMENT LLC
 (21) 2024219832 (22) 18.09.2024
 (54) Slidable current collector and method for contacting conductor rail

(71) CHAN, CLAIRE LOUISE
 (21) 2024219898 (22) 19.09.2024
 (54) Valorisation of Mollusc Shells into Bio-Based Composite Materials for Architectural and Design Applications

(71) Clayton, B.
 (21) 2024219816 (22) 18.09.2024
 (54) Safety Station in a waterproof, portable shed

(71) Conran Innovations Pty Ltd
 (21) 2024219989 (22) 23.09.2024
 (54) Produce Forecasting System and Method

(71) Cotron Corporation
 (21) 2024219828 (22) 18.09.2024
 (54) EARPHONE WITH BINAURAL BEATS FUNCTION

(71) Crayola LLC
 (21) 2024219974 (22) 23.09.2024
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(71) Curtis, T.
 (21) 2024219826 (22) 18.09.2024
 (54) System and Method for Controlling a Vehicle Infotainment System Using Encrypted Radio Frequency Signals Received from a Transmitter, V2X System, or Emergency Vehicle with Vehicle Type Identification and Over-the-Air Firmware Updating.

(71) Cytrellis Biosystems, Inc.
 (21) 2024219990 (22) 23.09.2024
 (54) Devices and methods for cosmetic skin resurfacing

(71) Czap Research and Development, LLC
 (21) 2024219899 (22) 19.09.2024
 (54) Controlled-release and stratified cyclodextrin inclusion complex vehicles

(71) Daiichi Sankyo Company, Limited
 (21) 2024219971 (22) 23.09.2024
 (54) ANTIBODY-PYRROLOBENZO-DIAZEPINE DERIVATIVE CONJUGATE

(71) Daiichi Sankyo Company, Limited
 (21) 2024219972 (22) 23.09.2024
 (54) ANTIBODY-PYRROLOBENZO-DIAZEPINE DERIVATIVE CONJUGATE

(71) Deep Labs, Inc.
 (21) 2024219930 (22) 20.09.2024
 (54) Systems and methods for generating hash trees and using neural networks to process the same

(71) Deere & Company
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 (54) Cooling package layout

(71) Deere & Company
 (21) 2024219937 (22) 20.09.2024
 (54) Use of coverage areas in controlling agricultural machine operations

(71) Deka Products Limited Partnership
 (21) 2024219976 (22) 23.09.2024
 (54) Medical Pump

(71) DEKA Products Limited Partnership
 (21) 2024219838 (22) 18.09.2024
 (54) Apparatus for monitoring, regulating, or controlling fluid flow

(71) DePuy Synthes Products, Inc.
 (21) 2024219952 (22) 20.09.2024
 (54) Orthopaedic prosthesis for an interphalangeal joint

(71) Diogenes Limited
 (21) 2024219834 (22) 18.09.2024
 (54) Wagering apparatus, methods and systems

(71) DX Tech Pty Ltd
 (21) 2024219917 (22) 20.09.2024
 (54) Methods and systems for detection, location and characterization of signal sources in electrical infrastructure using distributed sensors

(71) Electrolux Appliances Aktiebolag
 (21) 2024219824 (22) 18.09.2024
 (54) BATCHED FOOD TREATMENT STEP STORAGE AND EXECUTION

(71) Emory University
 (21) 2024219862 (22) 19.09.2024
 (54) 4'-HALOGEN CONTAINING NUCLEOTIDE AND NUCLEOSIDE THERAPEUTIC COMPOSITIONS AND USES RELATED THERETO

(71) Emory University
 (21) 2024219950 (22) 20.09.2024
 (54) Methods of treating cancer and infectious diseases using cell based therapies

(71) Encore Medical, L.P. (d/b/a DJO Surgical)
 (21) 2024219820 (22) 18.09.2024
 (54) SHOULDER IMPLANT COMPONENTS

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(71) Encore Medical, LP DBA DJO Surgical
(21) 2024219835 (22) 18.09.2024
(54) JOINT IMPLANTS HAVING POROUS STRUCTURES FORMED UTILIZING ADDITIVE MANUFACTURING AND RELATED SYSTEMS AND METHODS

(71) EPL Limited
(21) 2024219845 (22) 18.09.2024
(54) A lamitube sleeve and implementations thereof

(71) EPS Investments Australia Pty Ltd
(21) 2024220003 (22) 24.09.2024
(54) PRESERVING BUILDINGS AND OTHER ASSETS FROM BUSHFIRES

(71) Essilor International
(21) 2024219852 (22) 18.09.2024
(54) Optical deficiency monitoring equipment comprising a pair of eyeglasses

(71) EuroChem Antwerpen
(21) 2024219831 (22) 18.09.2024
(54) N-HETEROCYCLIC COMPOUNDS USED AS NITRIFICATION INHIBITOR

(71) EuroChem Antwerpen
(21) 2024219833 (22) 18.09.2024
(54) N-HETEROCYCLIC COMPOUNDS USED AS NITRIFICATION INHIBITOR

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(21) 2024219908

(71) Expro North Sea Limited
(21) 2024219943 (22) 20.09.2024
(54) System and method for barrier installation in a wellbore

(71) Fisher & Paykel Healthcare Limited
(21) 2024220007 (22) 24.09.2024
(54) HEADGEAR FOR BREATHING MASK

(71) FISHER & PAYKEL HEALTHCARE LIMITED
(21) 2024219999 (22) 24.09.2024
(54) BREATHING ASSISTANCE APPARATUS WITH SERVICEABILITY FEATURES

(71) Flatow, W.
(21) 2024219860 (22) 19.09.2024
(54) ENCRYPTION SCHEME PATENT OF ADDITION

(71) Fortitude Essentials Pty Ltd
(21) 2024219965 (22) 22.09.2024

(54) MOBILE TRANSITIONAL ACCESS FACILITY

(71) Garino, J.
(21) 2024219978 (22) 23.09.2024
(54) CRUCIATE REPLACING ARTIFICIAL KNEE

(71) Garino, J.
(21) 2024219979 (22) 23.09.2024
(54) CRUCIATE REPLACING ARTIFICIAL KNEE

(71) Gen-Probe Incorporated
(21) 2024219904 (22) 20.09.2024
(54) Temperature-selectable fret cassette signaling

(71) Gen-Probe Incorporated
(21) 2024219949 (22) 20.09.2024
(54) Compositions and methods for detecting or quantifying Parainfluenza virus

(71) Genzyme Corporation
(21) 2024220017 (22) 24.09.2024
(54) Ultra-high density cell banking methods

(71) Geron Corporation
(21) 2024219941 (22) 20.09.2024
(54) Methods of treating myelodysplastic syndrome

(71) Gincio Industries Pty Ltd
(21) 2024219919 (22) 20.09.2024
(54) MOVING SYSTEM, METHOD OF MOVING AN ITEM AND RELATED COMPONENTS

(71) Google LLC
(21) 2024219995 (22) 23.09.2024
(54) GENERATING AUDIO USING AUTO-REGRESSIVE GENERATIVE NEURAL NETWORKS

(71) Grand Performance Online Pty Limited
(21) 2024219992 (22) 23.09.2024
(54) Autonomous and integrated system, method and computer program for dynamic optimisation and allocation of resources for defined spaces and time periods

(71) GUPILAN Sr., S.C.
(21) 2024219836 (22) 18.09.2024
(54) Health hoop

(71) Haden, J.
(21) 2024220026 (22) 24.09.2024
(54) ORAL HYDRATION SYSTEM

(71) Heat and Control, Inc.
(21) 2024219981 (22) 23.09.2024
(54) Method for producing a multilayered coated food product

(71) Heraeus Medical GmbH
(21) 2024219975 (22) 23.09.2024
(54) DEVICE FOR POSITIONING AN INJECTOR, INJECTION DEVICE AND METHOD

(71) Highgate Industries Wholesale Pty Ltd
(21) 2024219923 (22) 20.09.2024
(54) Air conditioning service trailer

(71) Holobiome, Inc.
(21) 2024219909 (22) 20.09.2024
(54) Modulation of the gut microbiome to treat mental disorders or diseases of the central nervous system

(71) ICL CATODOS LTDA.
(21) 2024219844 (22) 18.09.2024
(54) SYSTEM AND PROCESS FOR WELDING A CATHODE PLATE TO A CONDUCTIVE BAR

(71) Illinois Tool Works Inc.
(21) 2024219889 (22) 19.09.2024
(54) Fastening of weatherboards and the like with a powered fastening tool

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(21) 2024219947

(71) Illumina, Inc.
(21) 2024219948 (22) 20.09.2024
(54) Universal Short Adapters For Indexing Of Polynucleotide Samples

(71) IMDpharm Inc.
(21) 2024219913 (22) 20.09.2024
(54) Liquid crystalline structure-forming omega-3-fatty acid composition

(71) Immutrix Therapeutics, Inc.
(21) 2024219868 (22) 19.09.2024
(54) Extracorporeal Circuit and Column Design Therefore

(71) Incyte Corporation
(21) 2024219822 (22) 18.09.2024
(54) TREATMENT OF HIDRADENITIS SUPPURATIVA USING JAK INHIBITORS

(71) INOSYSTEMS
(21) 2024219817 (22) 18.09.2024

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(54) NO DELIVERY APPARATUS COMPRISING AN ANALYSIS LINE WITH PIEZOELECTRIC PUMP

(71) International Business Machines Corporation

(21) 2024219853 (22) 18.09.2024

(54) Rendering privacy aware advertisements in mixed reality space

(71) Intervet International B.V.

(21) 2024219936 (22) 20.09.2024

(54) Isoxazoline compositions and their use as antiparasitics

(71) Intra-Cellular Therapies, Inc.

(21) 2024219805 (22) 17.09.2024

(54) ORGANIC COMPOUNDS

(71) Itron, Inc.

(21) 2024219807 (22) 17.09.2024

(54) Detection and disaggregation of electrical vehicle charging

(71) Itron Global SARL

(21) 2024219903 (22) 20.09.2024

(54) Traceroute method to identify devices in tunneled segment of routing path

(71) JANI INTERNATIONAL PTE. LTD.

(21) 2024219850 (22) 18.09.2024

(54) Carrier, locking base assembly, supporting frame and wheeled carrying apparatus

(71) JHUNJHUNWALA, S.

(21) 2024219876 (22) 19.09.2024

(54) A WOVEN TEXTILE FABRIC

(71) Johnson & Johnson Vision Care, Inc.

(21) 2024219892 (22) 19.09.2024

(54) Polymerizable absorbers of UV and high energy visible light

(71) Johnson Controls Tyco IP Holdings LLP

(21) 2024220016 (22) 24.09.2024

(54) CLOUD-BASED HVAC&R CONTROL SYSTEMS AND METHODS

(71) JUUL Labs, Inc.

(21) 2024219896 (22) 19.09.2024

(54) Puff sensing and power circuitry for vaporizer devices

(71) Kantfield Pty Ltd

(21) 2024219882 (22) 19.09.2024

(54) POLYMER ALLOY

(71) Ken Sean Industries Co., Ltd.

(21) 2024219866 (22) 19.09.2024

(54) TOWING MIRROR AND MIRROR FRAME ASSEMBLY THEREOF

(71) Kimberly-Clark Worldwide, Inc.

(21) 2024219846 (22) 18.09.2024

(54) Dispensing system

(71) Lauren, M.; Murphy, R.; Vascudyne Inc; Schankerele, K.

(21) 2024219809 (22) 17.09.2024

(54) REGENERATIVE TISSUE AND NATURAL TISSUE IMPLANTS

(71) LG Electronics Inc.

(21) 2024219858 (22) 18.09.2024

(54) INDUCTION HEATING TYPE COOK-TOP

(71) LG Electronics Inc.

(21) 2024219887 (22) 19.09.2024

(54) Clothing treatment apparatus

(71) LG ELECTRONICS INC.

(21) 2024219886 (22) 19.09.2024

(54) Refrigerator

(71) LIFETIME PRODUCTS, INC.

(21) 2024219958 (22) 21.09.2024

(54) Table with nesting table top

(71) Live Nation Entertainment, Inc.

(21) 2024220014 (22) 24.09.2024

(54) SHORT-RANGE DEVICE COMMUNICATIONS FOR SECURED RESOURCE ACCESS

(71) Lycopodium Minerals Pty Ltd

(21) 2024220012 (22) 24.09.2024

(54) PIPE CLAMPING SYSTEM

(71) MAKO Surgical Corp.

(21) 2024219818 (22) 18.09.2024

(54) Robotic cutting systems and methods for surgical saw blade cutting on hard tissue

(71) Mayo Foundation for Medical Education and Research; Exact Sciences Corporation

(21) 2024219908 (22) 20.09.2024

(54) Detection of colon neoplasia by analysis of methylated DNA

(71) McLean, J.

(21) 2024219883 (22) 19.09.2024

(54) An improved calendar format

(71) Medicenna Therapeutics Inc.

(21) 2024219911 (22) 20.09.2024

(54) Uses and methods for IL-2 superagonists, agonists, and fusions thereof

(71) Merck Patent GmbH

(21) 2024219872 (22) 19.09.2024

(54) Process system for bioreactor-based clean meat production

(71) Minerva Biotechnologies Corporation

(21) 2024219825 (22) 18.09.2024

(54) Humanized anti-MUC1* antibodies

(71) Minn-Dak Farmers Cooperative

(21) 2024219859 (22) 18.09.2024

(54) Field application of sugars to increase crop yield

(71) MITCHELL, S.; PAN, P.; WOODHEAD, B.; WU, Z.

(21) 2024219956 (22) 20.09.2024

(54) IMPROVED FORMULATIONS OF MITOCHONDIALLY TARGETED ANTI-OXIDANTS

(71) Mitek Holdings, Inc.

(21) 2024220011 (22) 24.09.2024

(54) Automated lumber cutting and delivery system

(71) Mozafari, M.

(21) 2024219996 (22) 23.09.2024

(54) Application of Kerdari method, novel composition and device for green manufacture of robust, stable and monodisperse drug carrier systems at ambient temperature.

Murphy, R. see Lauren, M.

(21) 2024219809

(71) Myriad Women's Health, Inc.

(21) 2024219901 (22) 19.09.2024

(54) COPY NUMBER VARIANT CALLER

(71) NantCell, Inc.

(21) 2024219998 (22) 24.09.2024

(54) COVID-19 mucosal antibody assay

(71) Net-Thunder, LLC

(21) 2024220004 (22) 24.09.2024

(54) AUTOMATICALLY DEPLOYED INFORMATION TECHNOLOGY (IT) SYSTEM AND METHOD

(71) Neurocrine Biosciences, Inc.

(21) 2024219813 (22) 17.09.2024

(54) CRF1 receptor antagonists for the treatment of congenital adrenal hyperplasia

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(71) New-Tec Integration (Xiamen) Co., Ltd.
(21) 2024220002 (22) 24.09.2024
(54) ELASTIC MODULE AND ELASTIC PAD FOR FURNITURE

(71) Nexttracker Inc.
(21) 2024219881 (22) 19.09.2024
(54) SYSTEMS AND METHODS FOR PHOTOVOLTAIC DIRECT CURRENT (DC) BUS CONTROL

(71) Ningbo Lianda Winch Co., Ltd.
(21) 2024220031 (22) 24.09.2024
(54) AUTOMATIC RESETTING MECHANISM FOR WINCH ENGAGING-DISENGAGING SWITCH

(71) Novadip Biosciences
(21) 2024219914 (22) 20.09.2024
(54) BIOMATERIALS FOR THE PREVENTION AND THE TREATMENT OF TISSUE DISORDERS

(71) Novonesis Plant Biosolutions A/S
(21) 2024219891 (22) 19.09.2024
(54) Methods of protecting a plant from fungal pests

(71) Nunhems B.V.
(21) 2024219878 (22) 19.09.2024
(54) CARROT VARIETY NUN 13123 CAC

(71) O'Connor, R.
(21) 2024219977 (22) 23.09.2024
(54) Hair Regrowth Compositions

(71) Ocuphire Pharma, Inc.
(21) 2024219970 (22) 23.09.2024
(54) METHODS AND COMPOSITIONS FOR TREATMENT OF PRESBYOPIA, MYDRIASIS, AND OTHER OCULAR DISORDERS

(71) Oncoceutics, Inc.
(21) 2024219839 (22) 18.09.2024
(54) IMIPRIDONES FOR GLIOMAS

(71) Orbis Intelligent Systems, Inc.
(21) 2024219961 (22) 22.09.2024
(54) LOCATION AND FLOW RATE METER

(71) Otsuka Pharmaceutical Co., Ltd.
(21) 2024220015 (22) 24.09.2024
(54) Oxazole compound crystal

(71) Outer, Inc.
(21) 2024219837 (22) 18.09.2024
(54) Protective cover for outdoor apparatus

(71) O'Briain, K.
(21) 2024219849 (22) 18.09.2024
(54) Composition And Use Thereof For The Treatment Of Equine Gastric Ulcer Syndrome

PAN, P. see MITCHELL, S.
(21) 2024219956

(71) PAPACKS Sales GmbH
(21) 2024219842 (22) 18.09.2024
(54) METHOD AND SYSTEM FOR COATING PRODUCTS

(71) PayPal, Inc.
(21) 2024219933 (22) 20.09.2024
(54) Systems and methods for creating and distributing blockchain-backed redistributable electronic content components

(71) PHYTANT; APIX BIOSCIENCES
(21) 2024219912 (22) 20.09.2024
(54) ISOFUCOSTEROL AND COMBINATIONS OF ISOFUCOSTEROL AND A MULTIPLICITY OF STEROLS AS A NUTRIENT FOR ANIMALS

(71) President and Fellows of Harvard College
(21) 2024219991 (22) 23.09.2024
(54) Gene therapy methods for age-related diseases and conditions

(71) PROGRESS RAIL LOCOMOTIVE INC.
(21) 2024219880 (22) 19.09.2024
(54) HIGH PRESSURE COMMON RAIL SYSTEM FAILURE DETECTION

(71) QSC, LLC
(21) 2024219894 (22) 19.09.2024
(54) Speaker array with adjustable hanging system

(71) Regeneron Pharmaceuticals, Inc.
(21) 2024219830 (22) 18.09.2024
(54) Anti-met antibodies, bispecific antigen binding molecules that bind met, and methods of use thereof

Regeneron Pharmaceuticals, Inc. see Sanofi Biotechnology
(21) 2024219953

(71) Rosenbauer International AG
(21) 2024219885 (22) 19.09.2024
(54) Safety helmet with an adapter device

(71) Rosenbauer International AG
(21) 2024219922 (22) 20.09.2024
(54) Safety helmet with an adapter device

(71) Rovi Guides, Inc.
(21) 2024219986 (22) 23.09.2024
(54) Systems and methods for providing recommendations based on short-media viewing profile and long-media viewing profile

(71) Salter, T.
(21) 2024219814 (22) 17.09.2024
(54) FIBER-REINFORCED POLYMER (FRP) COMPOSITE SWIMMING POOLS AND METHOD OF CONSTRUCTING FRP COMPOSITE SWIMMING POOLS

(71) Sanofi
(21) 2024219890 (22) 19.09.2024
(54) Antibody formulations

(71) Sanofi Biotechnology; Regeneron Pharmaceuticals, Inc.
(21) 2024219953 (22) 20.09.2024
(54) Methods for preventing or treating allergy by administering an IL-4R antagonist

(71) Sato Holdings Kabushiki Kaisha
(21) 2024219934 (22) 20.09.2024
(54) Information processing system, information processing method, and program

(71) Sayco Pty Ltd
(21) 2024219861 (22) 19.09.2024
(54) GELLHORN PESSARY WITH REMOVAL FEATURE

Schankereli, K. see Lauren, M.
(21) 2024219809

(71) Sealy Technology LLC
(21) 2024219902 (22) 20.09.2024
(54) Pocket coil spring assembly including flexible foam

(71) SENSE2 PTY LTD
(21) 2024219964 (22) 22.09.2024
(54) Method for Enhancing Thermal Management and Mechanical Durability of Lightweight Metal Components in Robotics, Drones, and Aerospace Applications through Novel Boron-Doped Diamond Coatings

(71) SENSE2 PTY LTD
(21) 2024219966 (22) 22.09.2024
(54) Advanced Boron-Doped Diamond (BDD) Interconnect Integration Process

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for Semiconductor Manufacturing with
Nanodiamond Seeding

(71) Shenzhen Aiper Intelligent Co., Ltd.
(21) 2024219884 (22) 19.09.2024
(54) UNDERWATER CLEANER

(71) Siemens Mobility GmbH
(21) 2024219942 (22) 20.09.2024
(54) Method for computer-aided running of a
technical process in processing units

(71) SIMONELLI GROUP S.P.A.
(21) 2024219988 (22) 23.09.2024
(54) Hot beverage dispensing system

(71) Singer, L.
(21) 2024220013 (22) 24.09.2024
(54) Transdermal drug delivery with a force-
calibrated magnetic microneedle patch

(71) Sino Iron Holdings Pty Ltd
(21) 2024219841 (22) 18.09.2024
(54) A control system for thickening mineral
concentrate

(71) Sirmok Pty Ltd
(21) 2024219957 (22) 21.09.2024
(54) SUNDIALER

(71) Société des Produits Nestlé S.A.
(21) 2024219907 (22) 20.09.2024
(54) Dietary butyrate

(71) Soter Technologies, LLC
(21) 2024219869 (22) 19.09.2024
(54) Sensor systems and methods

(71) Southwest Research Institute
(21) 2024219969 (22) 23.09.2024
(54) Passively Deployable Solar Panel Array
with Truss Backing and Synchronizing
Linkages

(71) Spark Thermionics, Inc.
(21) 2024219926 (22) 20.09.2024
(54) System and Method for Combined Heat
and Electric Power Generation

(71) Spogen Biotech Inc.
(21) 2024219963 (22) 22.09.2024
(54) Methods for promoting plant health us-
ing free enzymes and microorganisms
that overexpress enzymes

(71) Storm Shield of Miami, Inc.
(21) 2024219815 (22) 18.09.2024
(54) RAIN DEFLECTOR APPARATUS AND
SYSTEM

(71) Stryker Corporation
(21) 2024219985 (22) 23.09.2024
(54) Diagnostic tool and methods of use

(71) Sungrow Power Supply Co., Ltd.
(21) 2024219921 (22) 20.09.2024
(54) Outdoor energy storage cabinet and
energy storage system

(71) SyntheX, Inc.
(21) 2024219968 (22) 23.09.2024
(54) SELECTIVE DEGRADATION OF PRO-
TEINS

(71) Techtronic Cordless GP
(21) 2024219808 (22) 17.09.2024
(54) Current collecting plate and battery unit
comprising current collecting plate

(71) Techtronic Cordless GP
(21) 2024219812 (22) 17.09.2024
(54) Systems and methods of leveling a
mower deck

(71) The Board of Trustees of the Leland
Stanford Junior University
(21) 2024219867 (22) 19.09.2024
(54) R-spondin (RSPO) surrogate molecules

(71) The Chemours Company FC, LLC
(21) 2024219823 (22) 18.09.2024
(54) HFO-1234ZE AND HFO-1234YF COM-
POSITIONS AND PROCESSES FOR
PRODUCING AND USING THE COM-
POSITIONS

The General Hospital Corporation see The
University of North Carolina at Chapel Hill
(21) 2024220000

(71) The George Washington University, A
Congressional Chartered Not-For-Profit
Corporation
(21) 2024219851 (22) 18.09.2024
(54) Angiotensin II Alone or in Combination
for the Treatment of Hypotension

(71) The Procter & Gamble Company
(21) 2024219983 (22) 23.09.2024
(54) ORAL CARE COMPOSITIONS COM-
PRISING MONODENTATE AND POLY-
DENTATE LIGAND

(71) The Regents of the University of Cali-
fornia
(21) 2024219925 (22) 20.09.2024
(54) System for out of bore focal laser ther-
apy

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

(71) The Shepherd Ag Pty Ltd
(21) 2024219855 (22) 18.09.2024
(54) Apparatus for drafting livestock

(71) The United States of America, as rep-
resented by the Secretary, Department
of Health and Human Services
(21) 2024219951 (22) 20.09.2024
(54) Dopamine D3 receptor selective antag-
onists/partial agonists and uses thereof

(71) The University of North Carolina at
Chapel Hill; The General Hospital Cor-
poration
(21) 2024220000 (22) 24.09.2024
(54) Methods and compositions for chimeric
antigen receptor targeting cancer cells

(71) THRU TUBING SOLUTIONS, INC.
(21) 2024220006 (22) 24.09.2024
(54) ACCESSING WELLS BELOW AN OB-
STRUCTION OR DISCONTINUITY

(71) THRU TUBING SOLUTIONS, INC.
(21) 2024220009 (22) 24.09.2024
(54) ACCESSING WELLS BELOW AN OB-
STRUCTION OR DISCONTINUITY

(71) THRU TUBING SOLUTIONS, INC.
(21) 2024220010 (22) 24.09.2024
(54) COILED TUBING CONVEYED ELEC-
TRICAL ORIENTER

(71) Tillotts Pharma AG
(21) 2024219840 (22) 18.09.2024
(54) ANTI-TNFALPHA-ANTIBODIES AND
FUNCTIONAL FRAGMENTS THERE-
OF

(71) TOAD BUSTERS, LLC
(21) 2024219954 (22) 20.09.2024
(54) Rapid emergency toad poisoning kit
and methods of use thereof

(71) Trading Technologies International, Inc.
(21) 2024219929 (22) 20.09.2024
(54) Tailored messaging

(71) Transportation IP Holdings, LLC
(21) 2024219982 (22) 23.09.2024
(54) VEHICLE CONTROL SYSTEM AND
METHOD

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(71) TRINA SOLAR CO., LTD.
 (21) 2024219993 (22) 23.09.2024
 (54) Solar cell, method for manufacturing the same, photovoltaic module, and photovoltaic system

(71) Wonderland Switzerland AG
 (21) 2024219870 (22) 19.09.2024
 (54) Child stroller frame

(71) TSENG, W.
 (21) 2024219935 (22) 20.09.2024
 (54) Faucet

(71) Wonderland Switzerland AG
 (21) 2024219874 (22) 19.09.2024
 (54) Child care apparatus

(71) Tussy, K.A.
 (21) 2024219854 (22) 18.09.2024
 (54) Facial recognition authentication system including path parameters

WOODHEAD, B. see MITCHELL, S.
 (21) 2024219956

WU, Z. see MITCHELL, S.
 (21) 2024219956

(71) UDrew Pty Ltd
 (21) 2024219962 (22) 22.09.2024
 (54) Build planning and approval system, building permit application process system and digital interfaces therefor

(71) University of Pittsburgh - Of the Commonwealth System of Higher Education; Thermaquil, Inc.
 (21) 2024219821 (22) 18.09.2024
 (54) SYSTEMS AND METHODS FOR THERMAL BLOCKADE OF NERVES

(71) University of Washington; Illumina, Inc.
 (21) 2024219947 (22) 20.09.2024
 (54) High-Throughput Single-Cell Sequencing With Reduced Amplification Bias

(71) UP-Shine(HZ)CO.,LTD
 (21) 2024219927 (22) 20.09.2024
 (54) ACCESSORY STRUCTURE FOR SENSING MODULE

Vascudyne Inc see Lauren, M.
 (21) 2024219809

(71) VC TM Pty Ltd
 (21) 2024219900 (22) 19.09.2024
 (54) A clear skin supplement and medicinal composition for acne

(71) Werner Co.
 (21) 2024219910 (22) 20.09.2024
 (54) Multipurpose Ladder and Method

(71) Wix.com Ltd.
 (21) 2024219939 (22) 20.09.2024
 (54) System and method for integrating user feedback into website building system services

(71) Wonderland Switzerland AG
 (21) 2024219829 (22) 18.09.2024
 (54) CHILD CARRIER

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2024219811	BioCryst Pharmaceuticals, Inc.	2024219879	Apex Brands, Inc.
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2024219818	MAKO Surgical Corp.	2024219886	LG ELECTRONICS INC.
2024219819	AstraZeneca AB	2024219887	LG Electronics Inc.
2024219820	Encore Medical, L.P. (d/b/a DJO Surgical)	2024219888	Brilliant Light Power, Inc.
2024219821	University of Pittsburgh - Of the Commonwealth System of Higher Education; Thermaquil, Inc.	2024219889	Illinois Tool Works Inc.
2024219822	Incyte Corporation	2024219890	Sanofi
2024219823	The Chemours Company FC, LLC	2024219891	Novonosis Plant Biosolutions A/S
2024219824	Electrolux Appliances Aktiebolag	2024219892	Johnson & Johnson Vision Care, Inc.
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2024219827	BASF AS	2024219895	Andros Pharmaceuticals Co., Ltd.
2024219828	Cotron Corporation	2024219896	JUUL Labs, Inc.
2024219829	Wonderland Switzerland AG	2024219897	Brunswick Corporation
2024219830	Regeneron Pharmaceuticals, Inc.	2024219898	CHAN, CLAIRE LOUISE
2024219831	EuroChem Antwerpen	2024219899	Czap Research and Development, LLC
2024219832	CATERPILLAR GLOBAL MINING EQUIPMENT LLC	2024219900	VC TM Pty Ltd
2024219833	EuroChem Antwerpen	2024219901	Myriad Women's Health, Inc.
2024219834	Diogenes Limited	2024219902	Sealy Technology LLC
2024219835	Encore Medical, LP DBA DJO Surgical	2024219903	Itron Global SARL
2024219836	GUPILAN Sr., S.C.	2024219904	Gen-Probe Incorporated
2024219837	Outer, Inc.	2024219905	Alcon Inc.
2024219838	DEKA Products Limited Partnership	2024219906	Angel Group Co., Ltd.
2024219839	Oncocotics, Inc.	2024219907	Société des Produits Nestlé S.A.
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2024219842	PAPACKS Sales GmbH	2024219910	Werner Co.
2024219843	Boston Scientific Scimed, Inc.	2024219911	Medicenna Therapeutics Inc.
2024219844	ICL CATODOS LTDA.	2024219912	PHYTANT; APIX BIOSCIENCES
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2024219849	O'Briain, K.	2024219917	DX Tech Pty Ltd
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2024219870	Wonderland Switzerland AG	2024219938	BT Manufacturing, LLC
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2024219873	Acer Incorporated	2024219941	Geron Corporation
2024219874	Wonderland Switzerland AG	2024219942	Siemens Mobility GmbH
		2024219943	Expro North Sea Limited
		2024219946	Aeroklas Asia Pacific Group Pty Ltd

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2024219947	University of Washington; Illumina, Inc.	2024220019	Aristocrat Technologies, Inc.
2024219948	Illumina, Inc.	2024220026	Haden, J.
2024219949	Gen-Probe Incorporated	2024220031	Ningbo Lianda Winch Co., Ltd.
2024219950	Emory University		
2024219951	The United States of America, as represented by the Secretary, Department of Health and Human Services		
2024219952	DePuy Synthes Products, Inc.		
2024219953	Sanofi Biotechnology; Regeneron Pharmaceuticals, Inc.		
2024219954	TOAD BUSTERS, LLC		
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2024219965	Fortitude Essentials Pty Ltd		
2024219966	SENSE2 PTY LTD		
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2024219971	Daiichi Sankyo Company, Limited		
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2024219974	Crayola LLC		
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2024219976	Deka Products Limited Partnership		
2024219977	O'Connor, R.		
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2024219980	Canva Pty Ltd		
2024219981	Heat and Control, Inc.		
2024219982	Transportation IP Holdings, LLC		
2024219983	The Procter & Gamble Company		
2024219984	Augusta University Research Institute, Inc.		
2024219985	Stryker Corporation		
2024219986	Rovi Guides, Inc.		
2024219987	BASF SE		
2024219988	SIMONELLI GROUP S.P.A.		
2024219989	Conran Innovations Pty Ltd		
2024219990	Cytrellis Biosystems, Inc.		
2024219991	President and Fellows of Harvard College		
2024219992	Grand Performance Online Pty Limited		
2024219993	TRINA SOLAR CO., LTD.		
2024219994	BASF SE		
2024219995	Google LLC		
2024219996	Mozafari, M.		
2024219997	Amicus Therapeutics, Inc.		
2024219998	NantCell, Inc.		
2024219999	FISHER & PAYKEL HEALTHCARE LIMITED		
2024220000	The University of North Carolina at Chapel Hill; The General Hospital Corporation		
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2024220003	EPS Investments Australia Pty Ltd		
2024220004	Net-Thunder, LLC		
2024220005	3M Innovative Properties Company		
2024220006	THRU TUBING SOLUTIONS, INC.		
2024220007	Fisher & Paykel Healthcare Limited		
2024220008	Applied Medical Resources Corporation		
2024220009	THRU TUBING SOLUTIONS, INC.		
2024220010	THRU TUBING SOLUTIONS, INC.		
2024220011	Mitek Holdings, Inc.		
2024220012	Lycopodium Minerals Pty Ltd		
2024220013	Singer, L.		
2024220014	Live Nation Entertainment, Inc.		
2024220015	Otsuka Pharmaceutical Co., Ltd.		
2024220016	Johnson Controls Tyco IP Holdings LLP		
2024220017	Genzyme Corporation		
2024220018	Apple Inc.		

Innovation Patent Applications Filed**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 17 Sep 2024 .
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

(71) Computer Reel Designs Pty Limited
(21) 2024100036 **(22)** 19.09.2024
(54) ARTICLE AND DRESSING FOR IMPROVED HEALING AND METHODS OF USE
(62) 2020346613

(71) Regeneron Pharmaceuticals, Inc.
(21) 2024100037 **(22)** 20.09.2024
(54) High concentration VEGF receptor fusion protein containing formulations
(62) 2019265005

Numerical Index

2024100036 Computer Reel Designs Pty Limited

2024100037 Regeneron Pharmaceuticals, Inc.

Applications Lapsed, Refused Or Withdrawn, Patents Ceased or Expired

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

The codes next to each number have the following meanings:

Code Meaning

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

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

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2004210530 (14)	2004210582 (14)	2004210598 (14)
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 2024902961 (12AN)

Assignments before Grant, Section 113

2017

2017321027 FMC Technologies The application has been assigned to **T.EN Loading Systems**

2019

2019206506 Desora, Inc.; Premier Specialty Brands, LLC D/B/A/ Kamado Joe Company The application has been assigned to **Premier Specialty Brands, LLC D/B/A/ Kamado Joe Company**

2019275485 Info Wise Limited The application has been assigned to **Parklink Developments**

2019366967 Somnio Global Holdings, LLC The application has been assigned to **AMBIENT BIOSCIENCES, INC.**

2019396522 Biogen MA Inc.; Ionis Pharmaceuticals, Inc. The application has been assigned to **Biogen MA Inc.**

2021

2021206911 Takeoff Technologies, Inc. The application has been assigned to **HYPERSONIC TECHNOLOGIES INC.**

2021211661 M7D Corporation The application has been assigned to **ADVANCED DIAMOND HOLDINGS, LLC**

2021219333 CRP Subsea Limited; Chevron U.S.A. Inc The application has been assigned to **Advanced Innergy Ltd; Chevron U.S.A. Inc**

2021223895 CRP Subsea Limited The application has been assigned to **Advanced Innergy Ltd**

2021225841 M7D Corporation The application has been assigned to **ADVANCED DIAMOND HOLDINGS, LLC**

2021236433 Emerald Planet Environmental Pty Ltd The application has been assigned to **Emerled Pty Ltd**

Assignments before Grant, Section 113

2021341903 Valvosanitaria Bugatti S.p.A. The application has been assigned to **Valvosanitaria Bugatti Group S.R.L.**

2022

2022221579 Air Products and Chemicals, Inc. The application has been assigned to **HERCULES PROJECT COMPANY LLC**

2022239519 SHANGHAI MEIYUE BIOTECH DEVELOPMENT CO., LTD. The application has been assigned to **WUHAN CREATERNA SCIENCE AND TECHNOLOGY CO., LTD.**

2022249397 NOVAFLUX INC. The application has been assigned to **Protegera, Inc.**

2022277493 CHENGDU BAIYU PHARMACEUTICAL CO., LTD. The application has been assigned to **Kangbaida (Sichuan) Biotechnology Co., Ltd.**

2022299643 ANGLO AMERICAN MINÉRIO DE FERRO BRASIL S/A The application has been assigned to **Anglo American Investimentos – Minério de Ferro Ltda.**

2022313258 NEW YORK UNIVERSITY; REGENXBIO INC. The application has been assigned to **NEW YORK UNIVERSITY**

2022382076 9219-1568 QUEBEC INC. The application has been assigned to **Innovasoft Tech Holdings Ltd**

2022386973 EWHA UNIVERSITY - INDUSTRY COLLABORATION FOUNDATION; VASTHERA CO. LTD. The application has been assigned to **VASTHERA CO. LTD.**

2023

2023202182 Vid Scale, Inc. The application has been assigned to **Interdigital VC Holdings, Inc.**

2023203163 Smiths Medical ASD, Inc. The application has been assigned to **ICU Medical, Inc.**

2023220093 Extract Management Company, LLC The application has been assigned to **Extract Companies, LLC**

2023237164 Air Products and Chemicals, Inc. The application has been assigned to **HERCULES PROJECT COMPANY LLC**

2023250842 ECOLAB USA INC. The application has been assigned to **Medline Industries, LP**

2024

2024202472 Aleksovski, Jovica The application has been assigned to **Innovation Concepts Pty Ltd**

2024204422 Air Products and Chemicals, Inc. The application has been assigned to **HERCULES PROJECT COMPANY LLC**

2024901510 ResMed Pty Ltd; ResMed Sensor Technologies Limited; ResMed Asia Pte. Ltd. The application has been assigned to **ResMed Pty Ltd**

Assignments before Grant, Section 113

2024902416 **Rad, Dorsa** The application has been assigned to **CellSync Biosciences Pty Ltd**

Extensions of Time, Section 223

Applications Received

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

2013

2013212538 **Zedelef Pty Ltd** An application to extend the time from 25 Jan 2022 to 25 Jun 2024 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2017

2017232158 **Waterwerx Technology Pty Ltd** An application to extend the time from 11 Apr 2023 to 11 May 2024 in which to pay a renewal fee has been filed . Address for service - MINTER ELLISON Collins Arch 447 Collins St Melbourne VIC 3000 AU

2018

2018363890 **AMG Mineração S.A.** An application to extend the time from 21 Aug 2024 to 21 Dec 2024 in which to gain acceptance has been filed . Address for service - Maxwells Patent & Trade Mark Attorneys Pty Ltd PO Box R1466 SYDNEY NSW 1225 AU

2018386714 **Blockchain It Solutions Pty Ltd** An application to extend the time from 19 Dec 2023 to 19 Sep 2024 in which to pay a renewal fee has been filed . Address for service - MINTER ELLISON Governor Macquarie Tower 1 Farrer Pl Sydney NSW 2000 AU

Applications Allowed - Section 223(2)

2016

2016225816 **AGS LLC** The time in which to pay a renewal fee has been extended to 23 Jun 2024 . Address for service - Maxwells Patent & Trade Mark Attorneys Pty Ltd PO Box R1466 SYDNEY NSW 1225 AU

2020

2020330601 **Adcura, Inc.** The time in which to request examination has been extended to 21 Aug 2024 . Address for service - AJ PARK PO Box 949 Wellington 6140 NZ

2020331030 **Adcura, Inc.** The time in which to request examination has been extended to 21 Aug 2024 . Address for service - AJ PARK PO Box 949 Wellington 6140 NZ

2021

2021106523 **Xie, Y.** The time in which to pay a renewal fee has been extended to 23 Mar 2024 . Address for service - Yan Xie 132 Osborne Road Mitchelton QLD 4053 AU

Extensions of Time, Section 223

2022

2022221432 **Buffalo Filter LLC** The time in which to gain acceptance has been extended to 22 Nov 2024 . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2022408107 **LNJ GROUP, LLC** The time in which to enter the National Phase has been extended to 10 Aug 2024 . Address for service - Evermore IP PO Box 953 Epping NSW 1710 AU

2023

2023202003 **Neurim Pharmaceuticals Ltd.** The time in which to pay a continuation fee has been extended to 29 Jun 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2024

2024202996 **Harrison, T.** The time in which to claim the convention priority date has been extended to 01 Jun 2024 . Address for service - IP Savvy Pty Ltd L 3 257 Collins St Melbourne VIC 3000 AU

2024204104 **Burwood Shutters Pty Ltd** The time in which to comply with a direction under Reg 3.2A has been extended to 19 Sep 2024 . Address for service - Burwood Shutters Pty Ltd 77 Larra St Yennora NSW 2161 AU

Amendments

Applications for Amendment

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

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

2006

2006220829 Anti-CTLA-4 antibody compositions **Pfizer Products Inc.** The nature of the amendment is as shown in the statement(s) filed 31 Jul 2024 . Address for service - PHILLIPS ORMONDE FITZPATRICK PO Box 323 COLLINS STREET WEST VIC 8007 AU

2012

2012261655 Composition for proteasome inhibition **Onyx Therapeutics, Inc.** The nature of the amendment is as shown in the statement(s) filed 05 Jul 2024 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2016

2016206965 Pro-inflammatory and adjuvant functions of toll-like receptor 4 antagonists **Children's Medical Center Corporation** The nature of the amendment is as shown in the statement(s) filed 30 Aug 2024 . Address for service - Griffith Hack Level 15 376-390 Collins St MELBOURNE VIC 3000 AU

2016269707 Syringe support and autoinjector **Sanofi-Aventis Deutschland GmbH** The nature of the amendment is as shown in

Amendments

the statement(s) filed 04 Jun 2024 . Address for service - Griffith Hack Level 15 376-390 Collins St MELBOURNE VIC 3000 AU

2016270887 Compositions, systems, and methods for sequencing polynucleotides using tethers anchored to polymerases adjacent to nanopores **illumina, Inc.** The nature of the amendment is as shown in the statement(s) filed 18 Sep 2024 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2017

2017268469 Gene therapy methods for age-related diseases and conditions **President and Fellows of Harvard College** The nature of the amendment is as shown in the statement(s) filed 23 Sep 2024 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2018

2018233159 Biodegradable drug-polymer conjugate **Poly-Activa Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 12 Sep 2024 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2018240380 Dispensing meter for fluid dispensing **Graco Minnesota Inc.** The nature of the amendment is as shown in the statement(s) filed 13 Sep 2024 . Address for service - Spruson & Ferguson Level 24, Tower 2 Darling Park, 201 Sussex Street Sydney NSW 2000 AU

2018347514 Methods and compositions for topical delivery **Illustris Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement(s) filed 13 Sep 2024 . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2018383657 Inlet shrouds for fans used principally in water-circulation pumps of swimming pools and spas **Zodiac Pool Systems LLC** The nature of the amendment is as shown in the statement(s) filed 30 Aug 2024 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2018431199 System and method for omni-channel notification and selection **GENESYS CLOUD SERVICES HOLDINGS II, LLC** The nature of the amendment is as shown in the statement(s) filed 16 Sep 2024 . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2019

2019208987 Floating wind power platform with tension leg device **Freia Offshore AB** The nature of the amendment is as shown in the statement(s) filed 20 Sep 2024 . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2019401868 Sustained-release injection comprising deslorelin, and preparation method therefor **G2GBIO, INC.** The nature of the amendment is as shown in the statement(s) filed 26 Jul 2024 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2021

2021232606 System and methods for negotiating ticket transfer **StubHub, Inc.** The nature of the amendment is as shown in the statement(s) filed 22 Aug 2024 . Address for service - FPA Patent At-

Amendments

torneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

2021272714 Carrycot to be detachably mounted on a base being dismountably attached in a vehicle or on a stroller frame **Bambino Prezioso Switzerland AG** The nature of the amendment is as shown in the statement(s) filed 23 Sep 2024 . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2021418030 METHODS FOR COMMUNICATION, TERMINAL DEVICE, NETWORK DEVICE, AND COMPUTER READABLE MEDIA **NEC CORPORATION** The nature of the amendment is as shown in the statement(s) filed 16 Sep 2024 . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2022

2022204393 Wind in and wind out structure of awning and application thereof **Lishi (Shanghai) Sunshade Technology Co., Ltd** The nature of the amendment is as shown in the statement(s) filed 16 Sep 2024 . Address for service - Remarkable IP PO Box 207 Queenstown Otago 9348 NZ

2022246416 Inhibitors of cyclin-dependent kinase 7 (CDK7) **Syros Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement(s) filed 19 Sep 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2022271487 SYSTEMS AND METHODS FOR TRACKING ITEMS **Divine Logic, Inc.** The nature of the amendment is as shown in the statement(s) filed 13 Sep 2024 . Address for service - IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD PO Box 1321 SPRINGWOOD QLD 4127 AU

Amendments Made**2008**

2008300612 **Von Gliszczynski, K.** The nature of the amendment is as shown in the statement(s) filed 19 Apr 2024

2014

2014298495 **Tessengerlo Group NV/SA** The nature of the amendment is as shown in the statement(s) filed 04 May 2024

2016

2016355343 **The Trustees of The University of Pennsylvania; Mitchell, L.G.** The nature of the amendment is as shown in the statement(s) filed 30 Apr 2024

2018

2018219895 **Indapta Therapeutics, Inc.** The nature of the amendment is as shown in the statement(s) filed 18 Sep 2024

2018222739 **Eidos Therapeutics, Inc.** The nature of the amendment is as shown in the statement(s) filed 12 Jun 2024

2018396964 **Nanjing Legend Biotech Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 19 Jun 2024

Amendments

2019

2019241905 **Ab Initio Technology LLC** The nature of the amendment is as shown in the statement(s) filed 31 May 2024

2019324158 **Avelo Labs Inc.** The nature of the amendment is as shown in the statement(s) filed 18 Jun 2024

2019397257 **HOVER Inc.** The nature of the amendment is as shown in the statement(s) filed 21 Jun 2024

2020

2020201678 **Innovative Tools Australia Pty Ltd** The nature of the amendment is: Amend the name of the inventor to read Gilto, Christian and Wilson, Michael

2020406389 **Amova GmbH** The nature of the amendment is as shown in the statement(s) filed 13 Jun 2024

2020436199 **KHORI, A.; GOLFIROOZI, S.; AHMADI, F.S.; Khorl, V.** The nature of the amendment is: Amend the name of the inventor to read KHORI, Vahid; KHORI, Anahid; GOLFIROOZI, Saeed and AHMADI, Farahnaz Sadat

2020444017 **Boston Scientific Scimed, Inc.** The nature of the amendment is as shown in the statement(s) filed 13 Feb 2024

2021

2021102546 **CNC Components Pty Ltd** The nature of the amendment is: Amend the name of the inventor to read Young, Thomas and Irvine, Michael

2021218101 **Moon Dog Brewing Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2021107698

2021221571 **Ausplow Pty. Ltd.** The nature of the amendment is as shown in the statement(s) filed 27 Jun 2024

2021231548 **Ocado Innovation Limited** The nature of the amendment is as shown in the statement(s) filed 25 Jun 2024

2021282533 **Editas Medicine, Inc.** The nature of the amendment is as shown in the statement(s) filed 19 Sep 2024

2021335744 **GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.** The nature of the amendment is as shown in the statement(s) filed 21 Jun 2024

2021361215 **PREMIUM FERTILITY S.L.** The nature of the amendment is: Amend the name of the inventor to read SIMÓN VALLÉS, Carlos; SANTAMARÍA COSTA, Javier; JIMÉNEZ MORENO, David; FISK, Dusty; FREITAS, Rhys; HUNT, David S. and JENKINS, Robert

2021366642 **BOSTIK, INC.** The nature of the amendment is: Amend the invention title to read AMORPHOUS COPOLYESTER RESINS FOR USE AS A COLD SEAL ADHESIVE, COATING COMPOSITIONS COMPRISING THE SAME, AND METHODS FOR ADHERING SUBSTRATES USING THE COATING COMPOSITIONS

Amendments

2022

2022272729 **DANIMER IPCO, LLC** The nature of the amendment is: Amend the name of the inventor to read TERWILLEGAR, Arne, Matthew; DURIE, Karson and KUNDU, Mangaldeep

2022422285 **KONINKLIJKE DOUWE EGBERTS B.V.** The nature of the amendment is: Amend the name of the inventor to read VERHO-EVEN, Maarten; MEERMAN, Maria Hendrika; ROOS, Ellen; SMITS, Joannes Hubertus Petrus Maria and REES, Jack

2022426018 **JCR PHARMACEUTICALS CO., LTD.** The nature of the amendment is: Amend the invention title to read FUSION PROTEIN OF ANTI-TRANSFERRIN RECEPTOR ANTIBODY AND PHYSIOLOGICALLY ACTIVE PROTEIN FOR SAFE GENE THERAPY

2023

2023219197 **CHUGH, S.S.** The nature of the amendment is: Amend the name of the inventor to read CHUGH, Sumant Singh

2023227254 **HUAWEI TECHNOLOGIES CO., LTD.** The nature of the amendment is: Amend the invention title to read INFORMATION INDICATION METHOD AND COMMUNICATION APPARATUS

2023230580 **JFE STEEL CORPORATION** The nature of the amendment is: Amend the invention title to read METHOD FOR PRODUCING MOLTEN PIG IRON

2023231305 **REGENERON PHARMACEUTICALS, INC.** The nature of the amendment is: Amend the invention title to read Anti-GLP1r antibody-tethered drug conjugates comprising GLP1 peptidomimetics and uses thereof

2023237280 **HUAWEI TECHNOLOGIES CO., LTD.** The nature of the amendment is: Amend the invention title to read AUTHORIZATION METHOD AND APPARATUS

2023237830 **LEIDOS SECURITY DETECTION & AUTOMATION, INC.** The nature of the amendment is: Amend the name of the inventor to read ORTYL III, Nicholas E.; FOLAND, Andrew, D. and SCHMITT, Michael, H.

2023243140 **PERIMETER SOLUTIONS LP** The nature of the amendment is: Amend the priority details to read 63/326,356 01 Apr 2022 US

2023258028 **SIEMENS HEALTHCARE DIAGNOSTICS INC.** The nature of the amendment is: Amend the name of the inventor to read BEARD, Andrew; GREEN, Chris and KRONMUELLER, Sebastian

2023261564 **CANON KABUSHIKI KAISHA** The nature of the amendment is: Amend the invention title to read Cartridge and image forming apparatus

2023338644 **JANI INTERNATIONAL PTE. LTD.** The nature of the amendment is: Amend the invention title to read CARRIER, LOCKING BASE ASSEMBLY, SUPPORTING FRAME AND WHEELED CARRYING APPARATUS

2023422922 **CHINA SHENHUA COAL TO LIQUID AND CHEMICAL CO., LTD; CHINA SHENHUA COAL TO LIQUID AND CHEMICAL SHANGHAI RESEARCH INSTITUTE; CHINA SHENHUA COAL TO LIQUID AND CHEMICAL ORDOS COAL LIQUEFACTION COM-**

Amendments

PANY The nature of the amendment is: Amend the invention title to read A recycling hydrogen-donating solvent for direct coal liquefaction and preparation method therefor and use thereof

2024

2024200914 **Defy-Hi Robotics Pty Ltd** The nature of the amendment is: Amend the name of the inventor to read NICHOLLS, Oliver; BANNERMAN, Thomas Alexander; WIDIN, Abigail Grace; GONZALEZ, Wayne Lorenzo; BOUTTELL, Luke; GIOVANANGELI, Nicolas and CAFFIN, Bartholomew Jeremy

2024201230 **Apple Inc.** The nature of the amendment is: Amend the name of the inventor to read DASCOLA, Jonathan R.; PALANGIE, Alexis Henri; ANTON, Peter D.; LEMAY, Stephen O.; MCKENZIE, Christopher D.; PASTRANA VICENTE, Israel; HENDERSON, Nicholas W.; DARGAN, Dorian D.; RAVASZ, Jonathan; CHIU, Shi-Sang; PERRON, Jonathan; CHEN, Tong; GITTER, Nathan; BOESEL, Benjamin H; SUSA, Katherine and BAUERLY, Kristi E.

2024204964 **LG ELECTRONICS INC.** The nature of the amendment is: Amend the invention title to read Shoe care device and control method thereof

2024219484 **Sino Iron Holdings Pty Ltd** The nature of the amendment is: Amend the invention title to read System and Method for Mining

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

2014

2014276414 Rab Diagnostics A Incorporated The name of the patentee has been altered to **Renson Outdoor NV**

2014343287 Rab Diagnostics A Incorporated The name of the patentee has been altered to **Renson Outdoor NV**

2014351444 Rab Diagnostics A Incorporated The name of the patentee has been altered to **Renson Outdoor NV**

2015

2015205361 Rab Diagnostics A Incorporated The name of the patentee has been altered to **Renson Outdoor NV**

2015315849 SiO2 Medical Products, Inc. The name of the patentee has been altered to **SIO2 MEDICAL PRODUCTS, LLC**

2016

2016313674 GSK Consumer Healthcare S.A The name of the patentee has been altered to **Haleon CH SARL**

2016373365 GenomeFrontier Therapeutics, Inc. The name of the patentee has been altered to **GenomeFrontier Therapeutics TW Co., Ltd.**

2017

2017289718 Chevron U.S.A. Inc; Trelleborg Offshore Uk Ltd The name of the patentee has been altered to **Chevron U.S.A. Inc; CRP Subsea Ltd**

Amendments

2018

2018287514 Rab Diagnostics AS Incorporated The name of the patentee has been altered to **Rab Diagnostics AS**

2018330355 MALTERIES SOUFFLET The name of the applicant has been altered to **SOUFFLET MALT**

2019

2019224002 AQSEPTENCE GROUP, INC. The name of the applicant has been altered to **Johnson Screens, Inc.**

2019260015 Bayer Animal Health GmbH The name of the applicant has been altered to **Elanco Animal Health GmbH**

2019282578 PerkinElmer Health Sciences, Inc. The name of the applicant has been altered to **Revvity Health Sciences, Inc.**

2019312212 Mayo Foundation for Medical Education and Research; Michael SABBAAH; Atta BEHFAR; Christopher LIVIA; Timothy PETERSON The name of the applicant has been altered to **Mayo Foundation for Medical Education and Research**

2019375858 PerkinElmer Health Sciences, Inc. The name of the applicant has been altered to **Revvity Health Sciences, Inc.**

2019397447 AQSEPTENCE GROUP, INC. The name of the applicant has been altered to **Johnson Screens, Inc.**

2020

2020201401 SiO2 Medical Products, Inc. The name of the patentee has been altered to **SIO2 MEDICAL PRODUCTS, LLC**

2020319087 AQSEPTENCE GROUP, INC. The name of the applicant has been altered to **Johnson Screens, Inc.**

2020436199 Khori, Vahid The name of the applicant has been altered to **KHORI, A.; GOLFIROOZI, S.; AHMADI, F.S.; Khori, V.**

2021

2021220690 Nuclera Nucleics Ltd The name of the applicant has been altered to **Nuclera Ltd**

2021261741 Renson Sunprotection-Screens The name of the applicant has been altered to **Renson Outdoor NV**

2021275113 AQSEPTENCE GROUP, INC. The name of the applicant has been altered to **Johnson Screens, Inc.**

2021321526 AQSEPTENCE GROUP, INC. The name of the applicant has been altered to **Johnson Screens, Inc.**

2021327851 Nuclera Nucleics Ltd The name of the applicant has been altered to **Nuclera Ltd**

2021339848 AQSEPTENCE GROUP, INC. The name of the applicant has been altered to **Johnson Screens, Inc.**

Amendments

2021353968 ASTRAZENECA AB The name of the applicant has been altered to **AstraZeneca AB**

2021381425 UPKARA, INC. The name of the applicant has been altered to **AMBIENT BIOSCIENCES, INC.**

2022

2022226382 GSK CONSUMER HEALTHCARE SARL The name of the applicant has been altered to **Haleon CH SARL**

2022302088 UPKARA, INC. The name of the applicant has been altered to **AMBIENT BIOSCIENCES, INC.**

2023

2023203486 GLAXOSMITHKLINE CONSUMER HEALTHCARE
The name of the applicant has been altered to **Haleon US Holdings LLC**

2023230875 CONOCOPHILIPS COMPANY The name of the applicant has been altered to **CONOCOPHILLIPS COMPANY**

2023239641 XELLSMART BIOMEDICAL (SUZHOU) CO., LTD The name of the applicant has been altered to **Xellsmart Bio-Pharmaceutical (Suzhuo) Co., Ltd.**

2024

2024216535 MyLand Company, LLC The name of the applicant has been altered to **MyLand Company, Inc**

2024219579 Aqseptence Group, Inc. The name of the applicant has been altered to **Johnson Screens, Inc.**

Applications Open to Public Inspection

Name Index

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

(71) 1934612 Ontario Inc.
 (11) AU-A-2024219565
 (21) 2024219565 (22) 10.09.2024
 (54) Methods and systems for dewatering solid particles in a contaminated liquid mixture
 (51) Int. Cl.
 B01D 29/62 (2006.01)
 C02F 1/00 (2023.01)
 C02F 1/34 (2023.01)
 (43) 03.10.2024
 (62) 2022211866
 (72) Powell, Anthony L.; Butters, Brian E.
 (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

(71) ACCESS TO ADVANCED HEALTH INSTITUTE
 (11) AU-A-2024219550
 (21) 2024219550 (22) 10.09.2024
 (54) Nanoalum particles containing a sizing agent
 (51) Int. Cl.
 A61K 9/12 (2006.01)
 A61K 39/00 (2006.01)
 A61K 39/39 (2006.01)
 A61K 47/02 (2006.01)
 A61K 47/10 (2017.01)
 A61K 47/24 (2006.01)
 (43) 03.10.2024
 (62) 2022263559
 (72) Hoeven, Neal Van; Mikasa, Traci; Fox, Christopher B.; Ahniyaz, Anwar; Orr, Mark T.; Khandhar, Amit
 (74) AJ PARK

(71) Accora Limited
 (11) AU-A-2024201698
 (21) 2024201698 (22) 14.03.2024
 (54) CHAIR
 (51) Int. Cl.
 A47C 1/03 (2006.01)
 A47C 7/54 (2006.01)
 (31) 2303843.3 (32) 16.03.23 (33) GB
 (43) 03.10.2024
 (72) Marsh, Chester
 (74) Murray Trento & Associates Pty Ltd

(71) Accora Limited
 (11) AU-A-2024201700
 (21) 2024201700 (22) 14.03.2024
 (54) LATERAL SUPPORT ASSEMBLY FOR A CHAIR
 (51) Int. Cl.
 A47C 7/46 (2006.01)
 (31) 2303841.7 (32) 16.03.23 (33) GB
 2312015.7 04.08.23 GB

(43) 03.10.2024
 (72) Marsh, Fred
 (74) Murray Trento & Associates Pty Ltd

(71) ADAGENE INC.
 (11) AU-A-2024219607
 (21) 2024219607 (22) 11.09.2024
 (54) ACTIVATABLE ANTIBODIES AND METHODS OF MAKING AND USING THEREOF
 (51) Int. Cl.
 C40B 40/10 (2006.01)
 A61K 39/395 (2006.01)
 A61P 35/00 (2006.01)
 C07K 14/00 (2006.01)
 (43) 03.10.2024
 (62) 2019214189
 (72) LUO, Peter Peizhi; DU, Fangyong
 (74) AJ PARK

(71) ADS Therapeutics LLC
 (11) AU-A-2024219639
 (21) 2024219639 (22) 12.09.2024
 (54) COMPOSITIONS AND METHODS OF USING NINTEDANIB FOR TREATING OCULAR DISEASES WITH ABNORMAL NEOVASCULARIZATION
 (51) Int. Cl.
 A61K 9/50 (2006.01)
 A61K 31/506 (2006.01)
 C07D 209/34 (2006.01)
 (43) 03.10.2024
 (62) 2022202629
 (72) Ni, Jinsong; Yang, Rong
 (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Air Products and Chemicals, Inc.
 (11) AU-A-2024219683
 (21) 2024219683 (22) 13.09.2024
 (54) PROCESS AND APPARATUS FOR COMPRESSING HYDROGEN GAS IN A HYBRID COMPRESSION SYSTEM
 (51) Int. Cl.
 F04D 25/16 (2006.01)
 C25B 1/04 (2021.01)
 F04B 37/20 (2006.01)
 F04B 41/06 (2006.01)
 F04C 23/00 (2006.01)
 (43) 03.10.2024
 (62) 2022203966
 (72) Henzler, Gregory W.; Haryett, Nicolas John; Altimany, Ghassan; Smith, Patrick J.
 (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Alchin Long Group IP Pty Limited
 (11) AU-A-2024201708
 (21) 2024201708 (22) 15.03.2024

(54) Double hung window
 (51) Int. Cl.
 E06B 3/44 (2006.01)
 E05D 15/16 (2006.01)
 E05F 15/57 (2015.01)
 E05F 15/665 (2015.01)
 (31) 2023900701 (32) 15.03.23 (33) AU
 (43) 03.10.2024
 (72) WINSTON, David
 (74) GLMR

(71) Alcresta Therapeutics, Inc.
 (11) AU-A-2024219568
 (21) 2024219568 (22) 10.09.2024
 (54) Devices and methods for the preparation of a nutritional formula
 (51) Int. Cl.
 A23L 29/00 (2016.01)
 A23L 33/00 (2016.01)
 A61K 9/00 (2006.01)
 A61K 38/46 (2006.01)
 A61M 5/142 (2006.01)
 C12N 9/20 (2006.01)
 C12N 9/26 (2006.01)
 C12N 9/50 (2006.01)
 (43) 03.10.2024
 (62) 2018330172
 (72) FIRST, Eric; BROWN, David; STONE, Albert Archie
 (74) Spruson & Ferguson

(71) Alexion Pharmaceuticals, Inc.
 (11) AU-A-2024219698
 (21) 2024219698 (22) 13.09.2024
 (54) Lyophilized formulations for factor Xa antidote
 (51) Int. Cl.
 A61K 38/36 (2006.01)
 A61K 38/48 (2006.01)
 (43) 03.10.2024
 (62) 2020289768
 (72) WANG, Juan; SACHA, Gregory A.; NGUYEN, Phuong M.
 (74) FPA Patent Attorneys Pty Ltd

(71) Allergenis LLC; Icahn School of Medicine at Mount Sinai
 (11) AU-A-2024219650
 (21) 2024219650 (22) 12.09.2024
 (54) Peptides and methods for detecting peanut allergies
 (51) Int. Cl.
 G01N 33/02 (2006.01)
 G01N 33/53 (2006.01)
 G01N 33/543 (2006.01)
 G01N 33/564 (2006.01)
 G01N 33/68 (2006.01)

Applications Open to Public Inspection - Name Index cont'd

- (43) 03.10.2024
 (62) 2019274450
 (72) GETTS, Robert C.; KEARNEY, Paul; SAMPSON, Hugh A.; SUAREZ-FARINAS, Mayte
 (74) Davies Collison Cave Pty Ltd
-
- (71) Alnylam Pharmaceuticals, Inc.
 (11) AU-A-2024219618
 (21) 2024219618 (22) 11.09.2024
 (54) Oligonucleotide-ligand conjugates and process for their preparation
 (51) Int. Cl.
C07H 21/00 (2006.01)
A61P 1/16 (2006.01)
 (43) 03.10.2024
 (62) 2022204575
 (72) MANOHARAN, Muthiah; NAIR, Jayaprakash K.; KANDASAMY, Pachamuthu; MATSUDA, Shigeo; KELIN, Alexander V.; JAYARAMAN, Muthusamy; RAJEEV, Kallanthottathil G.
 (74) Griffith Hack
-
- (71) Anduril Industries, Inc.
 (11) AU-A-2024219595
 (21) 2024219595 (22) 11.09.2024
 (54) AERIAL VEHICLE WITH DEPLOYABLE COMPONENTS
 (51) Int. Cl.
B64C 3/56 (2006.01)
 (43) 03.10.2024
 (62) 2023200510
 (72) Alley, Nicholas Robert; Steele, Joshua Lemming; Williams, Jesse Owen; Kuehme, Daniel; Phillips, Jonathan Caleb
 (74) Intellepro Patent & Trade Mark Attorneys
-
- (71) ANHUI LVWO RECYCLING ENERGY TECHNOLOGY CO., LTD.
 (11) AU-A-2023229571
 (21) 2023229571 (22) 20.06.2023
 (54) DUST COLLECTION DEVICE FOR RETIRED BATTERY
 (51) Int. Cl.
H01M 50/00 (2021.01)
 (31) 202310256170.5 (32) 16.03.23 (33) CN
 (43) 03.10.2024
 (72) HU, Tianwen; LI, Cheng; LI, Jinlin
 (74) Adams Pluck
-
- (71) APPLE INC.
 (11) AU-A-2024219585
 (21) 2024219585 (22) 11.09.2024
 (54) Systems, methods, and graphical user interfaces for updating display of a device relative to a user's body
 (51) Int. Cl.
G06F 3/01 (2006.01)
A63F 13/26 (2014.01)
G06F 1/16 (2006.01)
G06T 19/00 (2011.01)

- (43) 03.10.2024
 (62) 2021350084
 (72) HULBERT, Thomas S.; BARK, Karlin Y.; HUERGO WAGNER, Alfred B.; BACIM DE ARAUJO E SILVA, Felipe; KIM, Seung Wook; SORRENTINO III, William A.
 (74) FPA Patent Attorneys Pty Ltd
-
- (71) Applied Medical Resources Corporation
 (11) AU-A-2024219603
 (21) 2024219603 (22) 11.09.2024
 (54) Natural orifice surgery system
 (51) Int. Cl.
A61B 17/34 (2006.01)
 (43) 03.10.2024
 (62) 2022204160
 (72) WACHLI, Serene; BRESLIN, Tracy; SHEEHAN, Alexander; POULSEN, Nikolai
 (74) Griffith Hack
-
- (71) Applied Medical Resources Corporation
 (11) AU-A-2024219615
 (21) 2024219615 (22) 11.09.2024
 (54) Advanced surgical simulation constructions and methods
 (51) Int. Cl.
G09B 23/28 (2006.01)
 (43) 03.10.2024
 (62) 2022204028
 (72) HART, Charles C.; BOLANOS, Eduardo; CHEHAYEB, Sam
 (74) Griffith Hack
-
- (71) Aqseptence Group, Inc.
 (11) AU-A-2024219579
 (21) 2024219579 (22) 10.09.2024
 (54) System and related methods for fabrication of wire based screen filters
 (51) Int. Cl.
B23K 9/32 (2006.01)
 (43) 03.10.2024
 (62) 2018338720
 (72) EKHOLM, Michael, Richard
 (74) FB Rice Pty Ltd
-
- (71) ARCULUS HOLDINGS, LLC
 (11) AU-A-2024219590
 (21) 2024219590 (22) 11.09.2024
 (54) DEVICES, SYSTEMS, AND METHODS FOR PUBLIC/PRIVATE KEY AUTHENTICATION
 (51) Int. Cl.
G06Q 20/06 (2012.01)
G06Q 20/32 (2012.01)
G06Q 20/34 (2012.01)
G06Q 20/38 (2012.01)
 (43) 03.10.2024
 (62) 2022205660
 (72) LOWE, Adam
 (74) Houlihan Intellectual Property Pty Ltd
-
- (71) Aristocrat Technologies, Inc.
 (11) AU-A-2024200697
 (21) 2024200697 (22) 05.02.2024

- (54) GAMING MACHINE AND METHOD FOR DISPLAYING A GAME LOBBY USER INTERFACE
 (51) Int. Cl.
G07F 17/34 (2006.01)
A63F 13/52 (2014.01)
G07F 17/32 (2006.01)
 (31) 18/317,791 (32) 15.05.23 (33) US
 63/490,741 16.03.23 US
 (43) 03.10.2024
 (72) Looney, Jan
 (74) James & Wells Intellectual Property
-
- (71) Aristocrat Technologies Australia Pty Ltd
 (11) AU-A-2024201380
 (21) 2024201380 (22) 01.03.2024
 (54) ELECTRONIC GAMING DEVICE WITH FIELD REPLACEABLE MODULAR DISPLAY PANEL
 (51) Int. Cl.
G07F 17/32 (2006.01)
A63F 13/25 (2014.01)
 (31) 18/586,410 (32) 23.02.24 (33) US
 63/452,682 16.03.23 US
 (43) 03.10.2024
 (72) McKAY, Linn; WONG, Steven; DEMARCO, Dominic; MIRAKHOUR, Martin; CALVIN, Kim; THOMPSON, David; LIN, Yi-Cheng Leo
 (74) James & Wells Intellectual Property
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- (71) Arvinas, Inc.; Yale University
 (11) AU-A-2024219536
 (21) 2024219536 (22) 09.09.2024
 (54) Compounds and methods for the enhanced degradation of targeted proteins
 (51) Int. Cl.
C07D 207/16 (2006.01)
A61K 31/4025 (2006.01)
C07D 417/12 (2006.01)
 (43) 03.10.2024
 (62) 2022271368
 (72) BERLIN, Michael; ZIMMERMAN, Kurt; SNYDER, Lawrence; CREW, Andrew P.; CREWS, Craig M.; CHEN, Xin; DONG, Hanqing; FERRARO, Caterina; JIN, Meizhong; QIAN, Yimin; SIU, Kam; WANG, Jing
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- (71) Arvinas Operations, Inc.; Yale University
 (11) AU-A-2024219653
 (21) 2024219653 (22) 12.09.2024
 (54) POLYCYCLIC COMPOUNDS AND METHODS FOR THE TARGETED DEGRADATION OF RAPIDLY ACCELERATED FIBROSARCOMA POLYPEPTIDES
 (51) Int. Cl.
C07D 401/14 (2006.01)
A61K 31/437 (2006.01)
A61P 35/00 (2006.01)
C07D 471/04 (2006.01)
C07D 519/00 (2006.01)
C07K 5/083 (2006.01)

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 (72) CREWS, Craig M.; CREW, Andrew P.; WANG, Jing; HORNBERGER, Keith R.; ZIMMERMAN, Kurt; QIAN, Yimin; DONG, Hanqing; JAIME-FIGUEROA, Saul

(74) MINTER ELLISON

(71) Astura Medical Inc.
 (11) AU-A-2024219687
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 (54) Multi-axial occipital plate
 (51) Int. Cl.
A61B 17/64 (2006.01)
A61B 17/70 (2006.01)
A61B 17/80 (2006.01)

(43) 03.10.2024
 (62) 2018350365
 (72) PURCELL, Thomas
 (74) Adams Pluck

(71) Aussie Wine Group Holdings Pty Ltd
 (11) AU-A-2024219641
 (21) 2024219641 (22) 12.09.2024
 (54) SEPARATOR FOR A GRAPE COLLECTION UNIT
 (51) Int. Cl.
A23N 15/02 (2006.01)
A01D 46/28 (2006.01)
B07B 1/14 (2006.01)
B65G 13/02 (2006.01)

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 (62) 2019296521
 (72) VILLIS, Malcolm; BALNAVES, Peter
 (74) Dentons Patent Attorneys Australasia Limited

(71) AXON ENTERPRISE, INC.
 (11) AU-A-2024219669
 (21) 2024219669 (22) 12.09.2024
 (54) Expandable Bumper For An Electrode
 (51) Int. Cl.
F41H 13/00 (2006.01)

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 (72) ZEKANOVIC, Dubravko; NEMTY-SHKIN, Oleg
 (74) WRAYS PTY LTD

(71) BASF SE
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 (21) 2024219620 (22) 11.09.2024
 (54) Herbicidal mixtures comprising L-glufosinate and their use in canola cultures
 (51) Int. Cl.
A01N 57/20 (2006.01)
A01N 35/10 (2006.01)
A01N 43/16 (2006.01)
A01N 43/18 (2006.01)
A01N 43/40 (2006.01)
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A01N 43/76 (2006.01)
A01P 13/00 (2006.01)

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 (74) Griffith Hack

(71) Baxter Corporation Englewood
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 (54) MEDICATION REQUISITION FULFILLMENT SYSTEM AND METHOD
 (51) Int. Cl.
G16B 99/00 (2019.01)

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 (62) 2023200372
 (72) SCHNEIDER, Dennis I.
 (74) K&L Gates

(71) Baylor College of Medicine
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 (54) DOMINANT ACTIVE YAP, A HIPPO EFFECTOR, INDUCES CHROMATIN ACCESSIBILITY AND CARDIOMYOCYTE RENEWAL
 (51) Int. Cl.
A61K 38/00 (2006.01)
A61K 9/127 (2006.01)
A61K 9/50 (2006.01)
C12N 5/02 (2006.01)

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 (72) Monroe, Tanner; Leach, John; Martin, James F.
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Becton, Dickinson and Company
 (11) AU-A-2024219574
 (21) 2024219574 (22) 10.09.2024
 (54) Automated diagnostic analyzer and method for its operation
 (51) Int. Cl.
G01N 35/10 (2006.01)
B01L 3/00 (2006.01)
B01L 9/06 (2006.01)
B25J 15/00 (2006.01)
B65G 47/90 (2006.01)

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 (72) VANSICKLER, Michael T.; TERRY, Neil G.; BELL, Brian; ROTUNDO, Steven C.; LACHANCE, Stephen Robert; SHEDLOSKEY, Alyssa
 (74) FB Rice Pty Ltd

(71) BEIJING EACON TECHNOLOGY CO., LTD.
 (11) AU-A-2023336079
 (21) 2023336079 (22) 13.03.2023
 (54) TRAINING METHOD AND APPARATUS, TARGET DETECTION METHOD, ELECTRONIC DEVICE AND STORAGE MEDIUM
 (51) Int. Cl.
G01S 17/931 (2020.01)
G01S 7/481 (2006.01)

G01S 17/06 (2006.01)
G01S 17/42 (2006.01)
G06F 18/22 (2023.01)
G06N 3/08 (2023.01)
G06N 20/00 (2019.01)
G06T 7/70 (2017.01)
G06T 17/05 (2011.01)

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 (74) Wynnes Patent and Trade Mark Attorneys Pty Ltd

(71) BGC Partners, Inc.
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 (21) 2024219559 (22) 10.09.2024
 (54) INTERPROGRAM COMMUNICATION USING MESSAGES RELATED TO EVENTS AND ACTIONS ON AN EXCHANGE
 (51) Int. Cl.
G06Q 40/00 (2023.01)
G06Q 30/00 (2023.01)

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 (62) 2022206758
 (72) Lutnick, Howard W.; Sweeting, Michael; Paul, Bijoy
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) BioMed Valley Discoveries, Inc.
 (11) AU-A-2024219529
 (21) 2024219529 (22) 09.09.2024
 (54) Compositions and methods for treating cancer with atypical BRAF mutations
 (51) Int. Cl.
A61P 35/00 (2006.01)
A61P 37/02 (2006.01)
C12Q 1/6886 (2018.01)

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 (72) DECRESCENZO, Gary; WELSCH, Dean; SAHA, Saurabh
 (74) FB Rice Pty Ltd

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 (21) 2024219496 (22) 09.09.2024
 (54) Selecting neoepitopes as disease-specific targets for therapy with enhanced efficacy
 (51) Int. Cl.
A61K 39/00 (2006.01)
C12Q 1/68 (2018.01)

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 (72) TADMOR, Arbel D.; SAHIN, Ugur
 (74) FB Rice Pty Ltd

(71) Bioverativ Therapeutics Inc.
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 (51) Int. Cl.
A61K 38/36 (2006.01)

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(71) Boston Scientific Scimed, Inc.
 (11) AU-A-2024219586
 (21) 2024219586 (22) 11.09.2024
 (54) Electrosurgical tip
 (51) Int. Cl.
 A61B 18/14 (2006.01)
 A61B 18/00 (2006.01)
 (43) 03.10.2024
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 (72) MAYO, Joseph; JONES, Matthew P.; GESSLER, Raymond; D'CUNHA, Asha; SCOTT, Serena; HANSEN, Katrina; LERSCH, Jeffery T.
 (74) Spruson & Ferguson

(71) Bruin Biometrics LLC
 (11) AU-A-2024219719
 (21) 2024219719 (22) 13.09.2024
 (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)
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 (21) 2024213183 (22) 22.08.2024
 (54) Mobile Wearable Monitoring Systems
 (51) Int. Cl.
 A61B 5/00 (2006.01)
 A61B 5/0205 (2006.01)
 A61B 5/024 (2006.01)
 A61B 5/11 (2006.01)
 A61B 5/1455 (2006.01)
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 (72) Burton, David
 (74) Kerry Hubick

(71) C3.ai, Inc.
 (11) AU-A-2024219617
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 (54) SYSTEMS AND METHODS FOR ANTI-MONEY LAUNDERING ANALYSIS
 (51) Int. Cl.
 G06Q 20/40 (2012.01)
 G06Q 30/06 (2023.01)

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 (62) 2019380450
 (72) JUBAN, Romain Florian; RAMI, Adrian Conrad; RUBISOV, Anton; SIEBEL, Thomas M.
 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

(71) Canva Pty Ltd
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 (21) 2023201995 (22) 31.03.2023
 (54) Systems and methods for performing bulk design edits
 (51) Int. Cl.
 G06T 11/60 (2006.01)
 G06F 16/23 (2019.01)
 G06F 16/58 (2019.01)
 G06F 40/103 (2020.01)
 G06F 40/186 (2020.01)
 (43) 03.10.2024
 (62) 2023201507
 (72) Jeong, Yoo Sun; Chen, Junjie; Richards, Oliver Daniel; Lee, Seung Jun; Naseby, David Alan; Pearson, Michael John; Bloom, Joshua Neil
 (74) FPA Patent Attorneys Pty Ltd

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 (21) 2024203202 (22) 15.05.2024
 (54) Systems and methods for performing bulk design edits
 (51) Int. Cl.
 G06T 11/60 (2006.01)
 G06F 16/23 (2019.01)
 G06F 16/58 (2019.01)
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 G06F 40/186 (2020.01)
 (43) 03.10.2024
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 (74) FPA Patent Attorneys Pty Ltd

(71) Caterpillar Global Mining Equipment LLC
 (11) AU-A-2024201245
 (21) 2024201245 (22) 23.02.2024
 (54) SYSTEM AND METHOD TO AUTOMATICALLY POSITION A MACHINE IN A SHIPPING CONFIGURATION
 (51) Int. Cl.
 E21B 15/00 (2006.01)
 E21B 7/02 (2006.01)
 (31) 18/121370 (32) 14.03.23 (33) US
 (43) 03.10.2024
 (72) MATHIVANAN, Saravanan S.; RAVEENDRAN, Sridhar Thondikulam; SELVAM, Sudhagar
 (74) FPA Patent Attorneys Pty Ltd

(71) CATERPILLAR INC.
 (11) AU-A-2024201243
 (21) 2024201243 (22) 23.02.2024

(54) COOLING SYSTEM FOR ELECTRIC-AL SYSTEMS FOR WORK MACHINES
 (51) Int. Cl.
 B60H 1/32 (2006.01)
 (31) 18/184731 (32) 16.03.23 (33) US
 (43) 03.10.2024
 (72) ANDRIS, Eric M.
 (74) FPA Patent Attorneys Pty Ltd

(71) CATERPILLAR PAVING PRODUCTS INC.
 (11) AU-A-2024201244
 (21) 2024201244 (22) 23.02.2024
 (54) PLATE AND ENCLOSURE ASSEMBLY FOR USE IN CONSTRUCTION EQUIPMENT
 (51) Int. Cl.
 B60N 2/38 (2006.01)
 B60N 2/24 (2006.01)
 (31) 18/182739 (32) 13.03.23 (33) US
 (43) 03.10.2024
 (72) JAYAPALAN, Saravanan; THI-ESCHAFER, Joel N.; CHELLASWAMY, HariKumar; SUBRAMANIAN, Siva
 (74) FPA Patent Attorneys Pty Ltd

(71) CAT ST PTY LTD
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 (21) 2024201637 (22) 13.03.2024
 (54) Pet Bed
 (51) Int. Cl.
 A01K 1/035 (2006.01)
 (31) 2023900700 (32) 15.03.23 (33) AU
 (43) 03.10.2024
 (72) Sakr, Otra Julia
 (74) Michael Buck IP

(71) CDRD Ventures Inc.
 (11) AU-A-2024219610
 (21) 2024219610 (22) 11.09.2024
 (54) Somatostatin receptor antagonist compounds and methods of using the same
 (51) Int. Cl.
 C07K 7/06 (2006.01)
 A61K 38/08 (2019.01)
 A61P 3/08 (2006.01)
 A61P 3/10 (2006.01)
 (43) 03.10.2024
 (62) 2023201653
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 (74) Davies Collison Cave Pty Ltd

(71) Chan, H.; Cheng, S.; MEYER INTELLECTUAL PROPERTIES LIMITED
 (11) AU-A-2024219604
 (21) 2024219604 (22) 11.09.2024
 (54) COOKWARE VESSEL WITH REMOVABLE HANDLE
 (51) Int. Cl.
 A47J 45/07 (2006.01)
 A47J 27/00 (2006.01)
 A47J 45/00 (2006.01)
 A47J 45/06 (2006.01)
 B25G 3/12 (2006.01)

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(72) CHAN, Hing, Fai; CHENG, Stanley Kin Sui
(74) Collison & Co

(71) Chapman, W.
(11) AU-A-2024219444
(21) 2024219444 **(22)** 06.09.2024
(54) Deck Board
(51) Int. Cl.
E04F 15/024 (2006.01)
E04F 15/02 (2006.01)
B62D 25/20 (2006.01)
E04B 5/04 (2006.01)
(43) 03.10.2024
(62) 2018328260
(72) CHAPMAN, Wesley Raymond
(74) James & Wells Intellectual Property

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(21) 2024219604

(71) Children's Medical Center Corporation
(11) AU-A-2024219454
(21) 2024219454 **(22)** 06.09.2024
(54) Pro-inflammatory and adjuvant functions of toll-like receptor 4 antagonists
(51) Int. Cl.
A61K 39/39 (2006.01)
A61P 39/00 (2006.01)
(43) 03.10.2024
(62) 2021200638
(72) KAGAN, Jonathan C.
(74) Griffith Hack

(71) CommScope Technologies LLC
(11) AU-A-2024219592
(21) 2024219592 **(22)** 11.09.2024
(54) Indicia and method for identifying telecommunications components
(51) Int. Cl.
G09F 3/20 (2006.01)
G02B 6/44 (2006.01)
H01B 7/36 (2006.01)
H01R 9/26 (2006.01)
(43) 03.10.2024
(62) 2018374816
(72) GEENS, Johan; BRYON, Roel; DOULTREMONT, Pieter
(74) Davies Collison Cave Pty Ltd

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(51) Int. Cl.
H01Q 21/00 (2006.01)
(31) 18/121588 **(32)** 15.03.23 **(33)** US
(43) 03.10.2024
(72) HOJJAT, Nasrin
(74) Halfords IP

(71) Compugen Ltd.
(11) AU-A-2024219621
(21) 2024219621 **(22)** 11.09.2024
(54) Anti-TIGIT antibodies, anti-PVRIG antibodies and combinations thereof
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/00 (2006.01)
(43) 03.10.2024
(62) 2017313405
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(74) Davies Collison Cave Pty Ltd

(71) ConMed Corporation
(11) AU-A-2024219675
(21) 2024219675 **(22)** 12.09.2024
(54) Uterine manipulator with balloon occluder
(51) Int. Cl.
A61B 17/42 (2006.01)
A61B 17/12 (2006.01)
(43) 03.10.2024
(62) 2021292298
(72) VENDERLEY, Melanie; WILLIAMS, Mason
(74) Griffith Hack

(71) Cugene Inc.
(11) AU-A-2024219567
(21) 2024219567 **(22)** 10.09.2024
(54) Cytokine-based bioactivatable drugs and methods of uses thereof
(51) Int. Cl.
C07K 2/00 (2006.01)
A61K 38/16 (2006.01)
C07K 14/00 (2006.01)
(43) 03.10.2024
(62) 2019288484
(72) LI, Yue-Sheng; RUI, Lingyun; XU, Jing
(74) Spruson & Ferguson

(71) Degan, G.
(11) AU-A-2023248136
(21) 2023248136 **(22)** 12.10.2023
(54) An Attachable Apparatus for a Bed
(51) Int. Cl.
A47C 21/02 (2006.01)
A47C 31/02 (2006.01)
(31) 2023900751 **(32)** 19.03.23 **(33)** AU
(43) 03.10.2024
(72) Degan, John (Jack)
(74) Wrays Pty Ltd

(71) Dental Robotics Group B.V.
(11) AU-A-2024219571
(21) 2024219571 **(22)** 10.09.2024

(54) Method of manufacturing a pressure chamber of a dental mouthpiece, and mouthpiece thereby manufactured
(51) Int. Cl.
A46B 9/04 (2006.01)
A61C 17/22 (2006.01)
A61C 17/32 (2006.01)
(43) 03.10.2024
(62) 2021300587
(72) VAN DIJK, Joppe Gideon; SNIJDER, Tim Anton; VAN DE WATER, Thomas
(74) Spruson & Ferguson

(71) Dental Robotics Group B.V.
(11) AU-A-2024219626
(21) 2024219626 **(22)** 11.09.2024
(54) Method of manufacturing a recess wall lined with bristles for a mouthpiece for simultaneously brushing at a plurality of dental positions, and a recess wall and mouthpiece obtained with the method; and dental cleaning device; and mouthpiece for brushing at a plurality of dental positions, brushing device comprising such mouthpiece, and method of operating such a mouthpiece or brushing device
(51) Int. Cl.
A61C 17/22 (2006.01)
A46B 9/04 (2006.01)
A46D 3/00 (2006.01)
A46D 3/04 (2006.01)
A61C 17/32 (2006.01)
(43) 03.10.2024
(62) 2019305433
(72) VAN DIJK, Joppe Gideon; SNIJDER, Tim Anton; VAN DE WATER, Thomas
(74) Spruson & Ferguson

(71) DePuy Synthes Products, Inc.
(11) AU-A-2024219570
(21) 2024219570 **(22)** 10.09.2024
(54) Self-retaining nail to insertion handle interface
(51) Int. Cl.
A61B 17/17 (2006.01)
A61B 17/72 (2006.01)
A61B 17/92 (2006.01)
(43) 03.10.2024
(62) 2018346929
(72) ABEDIAN, Reza; DUTOIT, Christof; BUETTLER, Markus; DEFOSSEZ, Henri; WAMPFLER, Simon; SAURER, Alain; PFAFF, Remo; BERNHARD, Hans
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(71) Dolby International AB
(11) AU-A-2024219670
(21) 2024219670 **(22)** 12.09.2024
(54) Audio encoder and decoder
(51) Int. Cl.
G10L 19/02 (2013.01)
(43) 03.10.2024
(62) 2024203054
(72) VILLEMOES, Lars; KLEJSA, Janusz; HEDELIN, Per
(74) Spruson & Ferguson

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 (21) 2024219524 (22) 09.09.2024
 (54) Source color volume information messaging
 (51) Int. Cl.
H04N 19/186 (2014.01)
H04N 19/46 (2014.01)
H04N 19/70 (2014.01)
H04N 21/235 (2011.01)
H04N 21/84 (2011.01)
 (43) 03.10.2024
 (62) 2024201690
 (72) CHEN, Tao; YIN, Peng; LU, Taoran; HUSAK, Walter J.
 (74) Spruson & Ferguson
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- (71) Dunlop, C.
 (11) AU-A-2024201734
 (21) 2024201734 (22) 16.03.2024
 (54) PROTECTIVE COVER FOR AN ANAESTHETIC BREATHING CIRCUIT
 (51) Int. Cl.
A61M 16/00 (2006.01)
A61M 16/01 (2006.01)
A61M 16/04 (2006.01)
A61M 16/08 (2006.01)
 (31) 2023900750 (32) 19.03.23 (33) AU
 (43) 03.10.2024
 (72) Dunlop, Colin
 (74) ACROGON GROUP PTY LTD
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- (71) E2 IP Holding LLC
 (11) AU-A-2024219686
 (21) 2024219686 (22) 13.09.2024
 (54) APPARATUS, SYSTEMS, AND METHODS FOR PROVIDING A RAPID THRESHOLD AMOUNT OF POWER TO A CUSTOMER LOAD DURING TRANSFER BETWEEN A PRIMARY POWER SUPPLY AND A SECONDARY POWER SUPPLY
 (51) Int. Cl.
H02J 9/06 (2006.01)
H01R 25/00 (2006.01)
H02J 3/14 (2006.01)
 (43) 03.10.2024
 (62) 2021300164
 (72) RICHMOND, James; GALL, Scott; RICHMOND, Timothy
 (74) Kings Patent & Trade Marks Attorneys Pty Ltd
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- (71) Edwards Lifesciences Corporation
 (11) AU-A-2024219525
 (21) 2024219525 (22) 09.09.2024
 (54) Prosthetic heart valve
 (51) Int. Cl.
A61F 2/24 (2006.01)
 (43) 03.10.2024
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 (74) Spruson & Ferguson
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- (71) eGenesis, Inc.
 (11) AU-A-2024219556
 (21) 2024219556 (22) 10.09.2024
 (54) Methods for generating genetically modified animals
 (51) Int. Cl.
A01K 67/027 (2006.01)
C12N 5/075 (2010.01)
C12N 5/16 (2006.01)
C12N 15/873 (2010.01)
C12N 15/877 (2010.01)
C12N 15/90 (2006.01)
 (43) 03.10.2024
 (62) 2018254547
 (72) Yang, Luhan
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
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- (71) ELC Management LLC
 (11) AU-A-2024219532
 (21) 2024219532 (22) 09.09.2024
 (54) BLOW MOLDING METHOD AND APPARATUS
 (51) Int. Cl.
B29C 49/64 (2006.01)
B29C 49/46 (2006.01)
B29C 49/48 (2006.01)
B29C 49/78 (2006.01)
H05B 6/02 (2006.01)
B29L 31/00 (2006.01)
 (43) 03.10.2024
 (62) 2021259764
 (72) Iyer, Sushil
 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) Envisia Therapeutics, Inc
 (11) AU-A-2024219575
 (21) 2024219575 (22) 10.09.2024
 (54) IMPLANT APPLICATORS
 (51) Int. Cl.
A61F 9/00 (2006.01)
A61M 5/158 (2006.01)
 (43) 03.10.2024
 (62) 2022202813
 (72) NADKARNI, Akshay Nitish; GRETCHEN, Willard; CORSON, Andrew; WALKER, Matthew; NAVRATIL, Tomas
 (74) K&L Gates
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- (71) Eteknology Pty Ltd
 (11) AU-A-2024219671
 (21) 2024219671 (22) 12.09.2024
 (54) Platform Module
 (51) Int. Cl.
B65D 88/12 (2006.01)
 (43) 03.10.2024
 (62) 2022231714
 (72) Mitchell, Roy
 (74) WRAYS PTY LTD
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- (21) 2024219640
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- (71) Evolved By Nature, Inc.
 (11) AU-A-2024219582
 (21) 2024219582 (22) 10.09.2024
 (54) Silk-hyaluronic acid based tissue fillers and methods of using the same
 (51) Int. Cl.
A61L 27/20 (2006.01)
A61L 27/50 (2006.01)
A61L 27/52 (2006.01)
 (43) 03.10.2024
 (62) 2018290810
 (72) ALTMAN, Gregory H.; XU, Peng; JIN, Erei
 (74) FB Rice Pty Ltd
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- (71) Exsomed Corporation
 (11) AU-A-2024219554
 (21) 2024219554 (22) 10.09.2024
 (54) Intramedullary threaded nail for radial cortical fixation
 (51) Int. Cl.
A61B 17/72 (2006.01)
A61B 17/68 (2006.01)
A61B 17/86 (2006.01)
 (43) 03.10.2024
 (62) 2023202584
 (72) CHAMPAGNE, Lloyd P.; ZOLDOS, Jozef; BRIGANTI, Richard T.; LEITHER, Andrew J.
 (74) FB Rice Pty Ltd
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- (71) F. Hoffmann-La Roche AG; ETH Zuerich
 (11) AU-A-2024219640
 (21) 2024219640 (22) 12.09.2024
 (54) Novel pyridine and pyrazine compounds as inhibitors of cannabinoid receptor 2
 (51) Int. Cl.
C07D 401/04 (2006.01)
A61K 31/4427 (2006.01)
A61K 31/4439 (2006.01)
A61P 7/02 (2006.01)
A61P 9/00 (2006.01)
A61P 23/02 (2006.01)
A61P 27/06 (2006.01)
A61P 29/00 (2006.01)
 (43) 03.10.2024
 (62) 2019294256
 (72) GOBBI, Luca; GREETHER, Uwe; KRETZ, Julian; AMETAMEY, Simon M.
 (74) Spruson & Ferguson
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- (71) F. Hoffmann-La Roche AG
 (11) AU-A-2024219677
 (21) 2024219677 (22) 12.09.2024
 (54) Imputation of data using contextual information
 (51) Int. Cl.
G16H 20/10 (2018.01)
G16H 20/30 (2018.01)
G16H 20/60 (2018.01)
G16H 50/20 (2018.01)
G16H 50/50 (2018.01)

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 (72) DAJANI, Samer M.; GEJDOS, Igor; MANOHAR, Chinmay; RODRIGUES, Joao
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 (11) AU-A-2024219709
 (21) 2024219709 (22) 13.09.2024
 (54) An Exercise Device
 (51) Int. Cl.
 A63B 21/00 (2006.01)
 A63B 21/04 (2006.01)
 A63B 21/005 (2006.01)
 (43) 03.10.2024
 (62) 2021221561
 (72) Andrews, Ty Elgin; Heron, Louie George; dos Santos, Raphael Jorge Millnitz; Jackson, Russell Joseph; Belsham, Anthony John
 (74) James & Wells Intellectual Property

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 (11) AU-A-2024201733
 (21) 2024201733 (22) 16.03.2024
 (54) A process for controlling a cattle breeding facility
 (51) Int. Cl.
 A01K 5/02 (2006.01)
 A01K 29/00 (2006.01)
 (31) 102023000005058 (32) 17.03.23 (33) IT
 (43) 03.10.2024
 (72) ANDRIGHETTO, Igino; SERVA, Lorenzo; BISON, Giacomo; MAGRIN, Luisa; MARCHESINI, Giorgio; FARESIN, Sante; FARESIN, Silvia; FARESIN, Giulia
 (74) A.P.T. Patent and Trade Mark Attorneys

(71) Fisher & Paykel Healthcare Limited
 (11) AU-A-2024219535
 (21) 2024219535 (22) 09.09.2024
 (54) Usability features for respiratory humidification system
 (51) Int. Cl.
 A61M 16/16 (2006.01)
 (43) 03.10.2024
 (62) 2021201222
 (72) STANTON, James William; ANDRESEN, Michael John; LAMBERT, Jonathan Andrew George; KLENNER, Jason Allan; SALMON, Andrew Paul Maxwell; HAMILTON, Mark Samuel
 (74) AJ PARK

(71) Fisher & Paykel Healthcare Limited
 (11) AU-A-2024219544
 (21) 2024219544 (22) 10.09.2024
 (54) BREATHING ASSISTANCE APPARATUS
 (51) Int. Cl.
 A61M 16/00 (2006.01)
 A62B 7/00 (2006.01)

(43) 03.10.2024
 (62) 2024202029
 (72) Peiris, Malik Tivanka Rajiv; Somervell, Andrew Robert Donald; Harwood, Jonathan David
 (74) AJ PARK

(71) FISHER & PAYKEL HEALTHCARE LIMITED
 (11) AU-A-2024219581
 (21) 2024219581 (22) 10.09.2024
 (54) FLOW MIXERS FOR RESPIRATORY THERAPY SYSTEMS
 (51) Int. Cl.
 A61M 16/00 (2006.01)
 (43) 03.10.2024
 (62) 2021290240
 (72) Osborne, Hamish; Denham, Niall Christopher; Sajau, Mahran Maumoon; Van Schalkwyk, Andre; Rademeyer, Ivan Justus; Paris, Tessa Hazel
 (74) AJ PARK

(71) FUJIFILM Irvine Scientific, Inc.
 (11) AU-A-2024205036
 (21) 2024205036 (22) 23.07.2024
 (54) Automated method and apparatus for preparing bioprocess solutions
 (51) Int. Cl.
 B01F 23/00 (2022.01)
 B01F 21/00 (2022.01)
 B01F 23/50 (2022.01)
 B01F 35/20 (2022.01)
 B01F 35/21 (2022.01)
 B01F 35/213 (2022.01)
 (43) 03.10.2024
 (62) 2018292271
 (72) FLETCHER, Thomas Reid; MAURO, Wayne; NEESE, David
 (74) Griffith Hack

(71) GE A TDS GmbH
 (11) AU-A-2024219538
 (21) 2024219538 (22) 09.09.2024
 (54) Method and installation for the treatment of heat-sensitive liquid food products, and centrifugal pump for an installation of said type
 (51) Int. Cl.
 F04D 29/58 (2006.01)
 A23C 3/037 (2006.01)
 F04D 1/00 (2006.01)
 F04D 29/62 (2006.01)
 (43) 03.10.2024
 (62) 2021204487
 (72) ASSING, Hubert; BUSS, Helmut; SCHWENZOW, Uwe; STANGE, Roland; TACKE, Ludger; ZIMMERMANN, Dietrich
 (74) Griffith Hack

(71) Genmab A/S
 (11) AU-A-2024219631
 (21) 2024219631 (22) 11.09.2024
 (54) Anti-tissue factor antibody-drug conjugates and their use in the treatment of cancer

(51) Int. Cl.
 A61K 47/00 (2006.01)
 A61K 47/51 (2017.01)
 (43) 03.10.2024
 (62) 2018358120
 (72) RANGWALA, Reshma Abdulla; LISBY, Steen
 (74) Spruson & Ferguson

(71) Geomni, Inc.
 (11) AU-A-2024219518
 (21) 2024219518 (22) 09.09.2024
 (54) Computer vision systems and methods for modeling three dimensional structures using two-dimensional segments detected in digital aerial images
 (51) Int. Cl.
 G06T 17/20 (2006.01)
 G06V 10/25 (2022.01)
 G06V 10/40 (2022.01)
 (43) 03.10.2024
 (62) 2019291965
 (72) ESTEBAN, Jose Luis; CABIDO, Raul; RIVAS, Francisco
 (74) Davies Collison Cave Pty Ltd

(71) Geomni, Inc.
 (11) AU-A-2024219605
 (21) 2024219605 (22) 11.09.2024
 (54) Systems and methods for improved parametric modeling of structures
 (51) Int. Cl.
 G06T 17/05 (2011.01)
 G06T 15/00 (2011.01)
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 (43) 03.10.2024
 (62) 2019287395
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 (74) Davies Collison Cave Pty Ltd

(71) Geovert Ground Engineering Pty Ltd
 (11) AU-A-2024219665
 (21) 2024219665 (22) 12.09.2024
 (54) A BRACKET FOR A LATTICE CONSTRUCTION TOWER FOUNDATION
 (51) Int. Cl.
 E04B 1/24 (2006.01)
 E02D 27/42 (2006.01)
 E04H 12/08 (2006.01)
 (43) 03.10.2024
 (62) 2021204698
 (72) BAGGOTT, John
 (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD

(71) Gilead Sciences, Inc.
 (11) AU-A-2024219564
 (21) 2024219564 (22) 10.09.2024
 (54) Inhalation formulations of 1'-cyano substituted carbanucleoside analogs
 (51) Int. Cl.
 A61K 31/661 (2006.01)
 A61K 9/00 (2006.01)

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A61K 9/19 (2006.01)
A61K 47/40 (2006.01)
A61P 31/12 (2006.01)
A61P 31/14 (2006.01)
A61P 31/16 (2006.01)
A61P 31/18 (2006.01)
(43) 03.10.2024
(62) 2021251689
(72) ELLIS, Scott; RAUTIOLA, Davin S.; SIEGEL, Dustin S.; TOTEVA, Maria M.; VANDERSTEEN, Adelle A.
(74) Davies Collison Cave Pty Ltd

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(11) AU-A-2024219711
(21) 2024219711 **(22)** 13.09.2024
(54) PD-1/PD-L1 inhibitors
(51) Int. Cl.

C07D 405/14 (2006.01)
A61K 31/497 (2006.01)
A61P 35/00 (2006.01)
C07D 213/61 (2006.01)
C07D 213/64 (2006.01)
C07D 241/18 (2006.01)
C07D 241/20 (2006.01)
C07D 401/04 (2006.01)
C07D 401/14 (2006.01)
C07D 403/14 (2006.01)
C07D 487/08 (2006.01)
C07D 487/10 (2006.01)
C07D 491/107 (2006.01)
C07D 498/04 (2006.01)
C07D 519/00 (2006.01)

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(74) Davies Collison Cave Pty Ltd

(71) GI Scientific, LLC
(11) AU-A-2024219632
(21) 2024219632 **(22)** 11.09.2024
(54) Conductive optical element
(51) Int. Cl.

A61B 1/253 (2006.01)
G02B 1/116 (2015.01)
(43) 03.10.2024
(62) 2023202515
(72) MILLER, Scott; CARTER, Frank; MERCHANT, Adnan; GAUGER, Carl
(74) GLMR

Grail, Inc. see The Chinese University of Hong Kong
(21) 2024219557

(71) Gunarathna Mudiyansele, P.B.G.
(11) AU-A-2024201754
(21) 2024201754 **(22)** 18.03.2024
(54) Building and Construction apparatus and Method
(51) Int. Cl.
E04F 21/18 (2006.01)
E04F 13/08 (2006.01)
E04G 21/16 (2006.01)
B65G 13/02 (2006.01)
B65G 15/30 (2006.01)
B65G 17/00 (2006.01)
(31) 2023900737 **(32)** 17.03.23 **(33)** AU
 2023900783 21.03.23 AU

(43) 03.10.2024
(72) Gunarathna Mudiyansele, Punci Banda Gunarathna
(74) James & Wells Intellectual Property

HAVRILOV, A. see OVCHARYK, I.
(21) 2023233153

(71) Hitachi, Ltd.
(11) AU-A-2024219660
(21) 2024219660 **(22)** 12.09.2024
(54) DATA MANAGEMENT SYSTEM AND PREDICTION METHOD
(51) Int. Cl.
G06Q 10/04 (2023.01)
G05B 23/02 (2006.01)

(43) 03.10.2024
(62) 2021294867
(72) UTSUMI, Masato; WATANABE, Tohru; SHIGEMORI, Ikuo; ITO, Tetsu; HAMA-BA, Daisuke; YAMAZAKI, Jun
(74) Davies Collison Cave Pty Ltd

(71) Horizon Therapeutics Ireland DAC
(11) AU-A-2024219504
(21) 2024219504 **(22)** 09.09.2024
(54) BINDING MOLECULES SPECIFIC FOR FCyGAMMA RIIA AND USES THEREOF
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/00 (2006.01)
A61P 37/00 (2006.01)

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(62) 2017256786
(72) Vousden, Katherine Ann; Chen, Bo; Sims, Gary Patrick
(74) PHILLIPS ORMONDE FITZPATRICK

(71) HOVER Inc.
(11) AU-A-2024219616
(21) 2024219616 **(22)** 11.09.2024
(54) Generating and validating a virtual 3D representation of a real-world structure
(51) Int. Cl.
G06T 15/04 (2011.01)
(43) 03.10.2024
(62) 2019397257
(72) MISHRA, Ajay; UPENDRAN, Manish; ALTMAN, A.J.; CASTILLO, William
(74) Davies Collison Cave Pty Ltd

(71) Howmedica Osteonics Corp.
(11) AU-A-2024219563
(21) 2024219563 **(22)** 10.09.2024
(54) Shoulder prosthesis components and assemblies
(51) Int. Cl.
A61F 2/40 (2006.01)
A61B 17/15 (2006.01)
A61B 17/16 (2006.01)
A61F 2/30 (2006.01)
A61F 2/46 (2006.01)
(43) 03.10.2024
(62) 2023203462

(72) KNOX, Kevin P.; STUMP, David R.; WOLFE, Alexander Paul; MAMMEL, Anne Marie; SCHEIBEL, Markus; BOILEAU, Pascal; ATHWAL, George S.; WALCH, Gilles; WARNER, Jon JP; COLLIN, Philippe; KEENER, Jay D.; TASHJIAN, Robert Z.; CHURCHILL, R. Sean; MUTCHLER, Austin Wyatt
(74) FPA Patent Attorneys Pty Ltd

(71) Huawei Technologies Co., Ltd.
(11) AU-A-2024219608
(21) 2024219608 **(22)** 11.09.2024
(54) PPDU TRANSMISSION METHOD AND RELATED APPARATUS
(51) Int. Cl.
H04W 72/04 (2023.01)
(43) 03.10.2024
(62) 2021302193
(72) Yu, Jian; Hu, Mengshi; Gan, Ming
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Huawei Technologies Co., Ltd.
(11) AU-A-2024219622
(21) 2024219622 **(22)** 11.09.2024
(54) COMMUNICATION METHOD, DEVICE AND SYSTEM
(51) Int. Cl.
H04L 12/28 (2006.01)
H04W 12/06 (2021.01)
(43) 03.10.2024
(62) 2020462414
(72) Chong, Weiwei; Xin, Yang; Wu, Xiaobo
(74) PHILLIPS ORMONDE FITZPATRICK

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(21) 2024219545

Hurst, R. see Shaw, O.
(21) 2024219584

Icahn School of Medicine at Mount Sinai see Allergenis LLC
(21) 2024219650

(71) Idemia Identity & Security France
(11) AU-A-2024200109
(21) 2024200109 **(22)** 08.01.2024
(54) Method for estimating an inter-ridge distance relating to a fingerprint

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(51) Int. Cl.
G06V 40/12 (2022.01)
G06V 10/764 (2022.01)
(31) 2302490 (32) 17.03.23 (33) FR
(43) 03.10.2024
(72) Videau, Victor; Mabyalaht, Guy
(74) FPA Patent Attorneys Pty Ltd

(71) Idemia Identity & Security France
(11) AU-A-2024200893
(21) 2024200893 (22) 13.02.2024
(54) Method using inter-ridge distances in pixels relating to fingerprints

(51) Int. Cl.
G06V 40/12 (2022.01)
G06F 21/32 (2013.01)
G06Q 20/40 (2012.01)
(31) FR2302488 (32) 17.03.23 (33) FR
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(72) Videau, Victor; Mabyalaht, Guy
(74) FPA Patent Attorneys Pty Ltd

(71) IGT
(11) AU-A-2024219548
(21) 2024219548 (22) 10.09.2024
(54) SYSTEM AND METHOD FOR CENTRALIZING FUNDS TO A PRIMARY GAMING ESTABLISHMENT ACCOUNT

(51) Int. Cl.
G07F 17/32 (2006.01)
A63F 13/00 (2014.01)
(43) 03.10.2024
(62) 2018267657
(72) Shepherd, Jeffery; Higgins, Kevin
(74) PHILLIPS ORMONDE FITZPATRICK

(71) IGT
(11) AU-A-2024219549
(21) 2024219549 (22) 10.09.2024
(54) SYSTEM AND METHOD FOR UTILIZING MOBILE DEVICE TO PROVIDE SERVICE WINDOW FUNCTIONALITY

(51) Int. Cl.
G07F 17/32 (2006.01)
(43) 03.10.2024
(62) 2019204588
(72) Higgins, Kevin; Petersen, Erik
(74) PHILLIPS ORMONDE FITZPATRICK

(71) IGT
(11) AU-A-2024219710
(21) 2024219710 (22) 13.09.2024
(54) EXTENSION GAMING AND SERVICES FOR MOBILE DEVICES IN A GAMING ENVIRONMENT

(51) Int. Cl.
G07F 17/32 (2006.01)
(43) 03.10.2024
(62) 2018267664
(72) Humphrey, Thomas
(74) PHILLIPS ORMONDE FITZPATRICK

(71) IHI Corporation
(11) AU-A-2024200740
(21) 2024200740 (22) 07.02.2024

(54) Operation plan creation device and operation plan creation method
(51) Int. Cl.
H02J 3/14 (2006.01)
G05B 13/02 (2006.01)
G06Q 50/06 (2012.01)
H02J 3/32 (2006.01)
H02J 3/38 (2006.01)
H02J 3/46 (2006.01)
(31) 2023-039489 (32) 14.03.23 (33) JP
(43) 03.10.2024
(72) HAMAGUCHI, Kenichi; INAMURA, Akinobu
(74) FPA Patent Attorneys Pty Ltd

(71) IHI Corporation
(11) AU-A-2024201157
(21) 2024201157 (22) 22.02.2024
(54) Control device and control method
(51) Int. Cl.
H02J 7/00 (2006.01)
G01R 21/00 (2006.01)
H02J 3/00 (2006.01)
H02J 3/28 (2006.01)
H02J 3/32 (2006.01)
(31) 2023-042722 (32) 17.03.23 (33) JP
(43) 03.10.2024
(72) ARIMURA, Toshinobu; INAMURA, Akinobu; TAKAI, Norihiro
(74) FPA Patent Attorneys Pty Ltd

(71) Illinois Tool Works Inc.
(11) AU-A-2024201627
(21) 2024201627 (22) 13.03.2024
(54) Truss assembly table with pressing mechanisms
(51) Int. Cl.
B30B 1/36 (2006.01)
B23Q 1/01 (2006.01)
B27M 3/04 (2006.01)
(31) 18/596072 (32) 05.03.24 (33) US
63/490586 16.03.23 US
(43) 03.10.2024
(72) Milton, Mathew Nickolas; Findley, Ronald E.; Daniels, Steven E.; Veach, Heather M.; Carmical, John L.; Scarborough, Caleb
(74) Davies Collison Cave Pty Ltd

(71) Illinois Tool Works Inc.
(11) AU-A-2024201642
(21) 2024201642 (22) 13.03.2024
(54) Truss assembly table with truss ejection mechanisms
(51) Int. Cl.
B23Q 7/06 (2006.01)
B23Q 1/01 (2006.01)
B23Q 7/14 (2006.01)
B27M 3/04 (2006.01)
(31) 63/490,583 (32) 16.03.23 (33) US
18/596,101 05.03.24 US
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(72) Milton, Mathew Nickolas; Findley, Ronald E.; Daniels, Steven E.; Veach, Heather M.; Carmical, John L.; Scarborough, Caleb
(74) Davies Collison Cave Pty Ltd

(71) Illinois Tool Works Inc.
(11) AU-A-2024219681
(21) 2024219681 (22) 13.09.2024
(54) Low-Profile Deadbolt Assembly and Deadbolt Actuation Mechanism
(51) Int. Cl.
E05B 29/00 (2006.01)
(43) 03.10.2024
(62) 2018203174
(72) Beardmore, Dean Grant; Marshall, Bryan
(74) Davies Collison Cave Pty Ltd

(71) Illumina, Inc.
(11) AU-A-2024205075
(21) 2024205075 (22) 24.07.2024
(54) Modified Transposases For Improved Insertion Sequence Bias And Increased DNA Input Tolerance
(51) Int. Cl.
C12N 9/22 (2006.01)
(43) 03.10.2024
(62) 2021236488
(72) Gloeckner, Christian; Kia, Amirali; Bomati, Erin; He, Molly; Grunenwald, Haiying Li; Kuersten, Scott; Osothprarop, Trina Faye; Haskins, Darin; Burgess, Joshua; Khanna, Anupama; Schlingman, Daniel; Vaidyanathan, Ramesh
(74) WRAYS PTY LTD

(71) Illumina, Inc.
(11) AU-A-2024219589
(21) 2024219589 (22) 11.09.2024
(54) Nucleic acid sequence analysis from single cells
(51) Int. Cl.
C12Q 1/68 (2018.01)
C12N 15/10 (2006.01)
(43) 03.10.2024
(62) 2022200664
(72) SALLATHIA, Neeraj; FAN, Jian-Bing; KAPER, Fiona; CANN, Gordon M.; JAMSHIDI, Arash; ARAVANIS, Alex
(74) FPA Patent Attorneys Pty Ltd

(71) Inno-Sports Co., Ltd
(11) AU-A-2024219612
(21) 2024219612 (22) 11.09.2024
(54) AUTOMATICALLY LOCKABLE PIVOTING MECHANISM AND SLIDING MECHANISM, AND FRAME AND TABLE HAVING SAME
(51) Int. Cl.
E05D 11/10 (2006.01)
(43) 03.10.2024
(62) 2022201437
(72) Choi, Kwan Jun
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Institut National de la Recherche Scientifique
(11) AU-A-2024219662
(21) 2024219662 (22) 12.09.2024

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- (51) Int. Cl.
C01F 5/02 (2006.01)
C01F 5/06 (2006.01)
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- (43) 03.10.2024
(62) 2022204541
(72) Mercier, Guy; Pasquier, Louis-César; Kemache, Nassima; Cecchi, Emmanuelle; Blais, Jean-François
(74) Griffith Hack
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- (71) International Battery Metals, Ltd.
(11) AU-A-2024219701
(21) 2024219701 (22) 13.09.2024
(54) MODULAR EXTRACTION APPARATUS
- (51) Int. Cl.
C02F 1/26 (2023.01)
C02F 1/469 (2023.01)
- (43) 03.10.2024
(62) 2018354320
(72) BURBA, John L.
(74) Murray Trento & Associates Pty Ltd
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- (71) International Business Machines Corporation
(11) AU-A-2024219519
(21) 2024219519 (22) 09.09.2024
(54) Low trust privileged access management
- (51) Int. Cl.
G06Q 20/38 (2012.01)
H04L 9/40 (2022.01)
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H04L 47/11 (2022.01)
G06F 9/00 (2006.01)
G06F 15/00 (2006.01)
H04L 67/10 (2022.01)
H04L 67/56 (2022.01)
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G16B 20/00 (2019.01)
C12Q 1/68 (2018.01)
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A61N 1/36 (2006.01)
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- (51) Int. Cl.
G09B 19/00 (2006.01)
A45D 1/00 (2006.01)
G09B 5/04 (2006.01)
G09B 19/24 (2006.01)
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(54) Systems and methods for automated control of a beam stageloader bootend
- (51) Int. Cl.
E21F 13/08 (2006.01)
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(62) 2022203128
(72) Lepre, Benjamin John Robert
(74) Griffith Hack
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(54) Systems and methods for automated control of a beam stageloader bootend
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E21F 13/08 (2006.01)
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H01M 8/028 (2016.01)
H01M 8/0202 (2016.01)
H01M 8/1246 (2016.01)
H01M 8/2432 (2016.01)
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(21) 2024200339 (22) 18.01.2024
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H01M 4/86 (2006.01)
C25B 1/04 (2021.01)
C25B 9/17 (2021.01)
H01G 9/042 (2006.01)
H01M 8/24 (2016.01)
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(21) 2024200204 (22) 12.01.2024
(54) Energy management system, energy management method, and computer program
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H02J 3/00 (2006.01)
G05B 19/00 (2006.01)
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F02D 41/40 (2006.01)
F02D 45/00 (2006.01)
 (31) 2023-040386 (32) 15.03.23 (33) JP
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B62D 55/21 (2006.01)
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G01N 33/50 (2006.01)
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 (74) FPA Patent Attorneys Pty Ltd

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C07D 413/12 (2006.01)
C07B 61/00 (2006.01)
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A61K 38/22 (2006.01)
A61P 1/16 (2006.01)
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F03B 13/20 (2006.01)
F03B 13/18 (2006.01)
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 (54) CYLINDER BASED WAVE ENERGY SYSTEM
 (51) Int. Cl.
F03B 13/20 (2006.01)
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 (74) Thanh Tri Lam

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 (54) BIDIRECTIONAL MOTION COMBINER
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F16H 31/00 (2006.01)
F03B 13/20 (2006.01)
F16H 29/12 (2006.01)
F16H 48/08 (2006.01)
F16H 48/20 (2012.01)
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 (54) SENSOR CHAIN FUSION ALGORITHM
 (51) Int. Cl.

G01C 23/00 (2006.01)
E02F 3/43 (2006.01)
E02F 9/20 (2006.01)
G01C 21/10 (2006.01)
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 (54) SHOE CARE APPARATUS AND CONTROL METHOD THEREFOR
 (51) Int. Cl.
A47L 23/20 (2006.01)
A47L 23/28 (2006.01)
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 (43) 03.10.2024
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 (51) Int. Cl.
A61F 2/30 (2006.01)
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 (74) MINTER ELLISON

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 (54) LADDER HINGE AND LADDERS INCORPORATING SAME
 (51) Int. Cl.
A47C 12/00 (2006.01)
E06C 1/20 (2006.01)
E06C 1/387 (2006.01)
E06C 5/36 (2006.01)
E06C 7/08 (2006.01)
E06C 7/50 (2006.01)

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A45F 3/24 (2006.01)
B60D 1/48 (2006.01)
B60D 1/52 (2006.01)
B60D 1/54 (2006.01)
B60N 3/00 (2006.01)
B60R 9/06 (2006.01)
B60D 1/58 (2006.01)
B60R 11/00 (2006.01)

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 (21) 2024219657 (22) 12.09.2024
 (54) RENEWABLE ENERGY DEVICE WITH
 LATERAL APERTURE WAVE-DRIVEN
 PROPULSION
 (51) Int. Cl.
B63B 22/18 (2006.01)
F03B 17/06 (2006.01)
H02K 44/08 (2006.01)

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 mir Evgenievich
 (21) 2024219477

Ltd "Valenta-Intellekt" see Nebolsin Vladi-
 mir Evgenievich
 (21) 2024219478

(71) LUMITHERA, INC.
 (11) AU-A-2024219716
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 APY DEVICES, SYSTEMS, AND
 METHODS FOR THE NON-INVASIVE
 TREATMENT OF DAMAGED OR DIS-
 EASED TISSUE
 (51) Int. Cl.

A61F 13/00 (2006.01)
A61F 13/06 (2006.01)
A61F 13/10 (2006.01)

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 BRADLEY, Scott
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(71) Mallinckrodt Pharmaceuticals Ireland
 Limited

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 (21) 2024219613 (22) 11.09.2024
 (54) Method and apparatus for pulsatile de-
 livery of nitric oxide
 (51) Int. Cl.
A61B 5/087 (2006.01)
A61B 5/091 (2006.01)
A61M 16/00 (2006.01)
A61M 16/06 (2006.01)
A61M 16/20 (2006.01)

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 (72) SHAH, Parag; DEKKER, Martin;
 LEONARD, William; ZUZEVICIUS,
 Donatas
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 (21) 2024219547 (22) 10.09.2024
 (54) IL-36 secreting immunoresponsive cells
 and uses thereof
 (51) Int. Cl.
C07K 14/54 (2006.01)
A61K 35/17 (2015.01)
A61K 38/20 (2006.01)
A61P 35/00 (2006.01)
C07K 14/725 (2006.01)
C07K 16/28 (2006.01)

(43) 03.10.2024
 (62) 2018367452
 (72) DANIYAN, Anthony; BRENTJENS,
 Renier J.
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(71) Memorial Sloan-Kettering Cancer Cen-
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 (54) IL-33 secreting immunoresponsive cells
 and uses thereof
 (51) Int. Cl.
C07K 14/54 (2006.01)
C07K 14/705 (2006.01)
C12N 5/00 (2006.01)

(43) 03.10.2024
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 Renier J.
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 (54) Automated generation of building floor
 plans having associated absolute loca-
 tions using multiple data capture
 devices

(51) Int. Cl.
G06V 20/20 (2022.01)
G06T 7/60 (2017.01)
G06T 19/00 (2011.01)
G06V 20/80 (2022.01)
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 (72) Manjunath Narayana
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 (54) Gastro-resistant controlled release oral
 dosage forms
 (51) Int. Cl.
A61K 9/20 (2006.01)
A61K 9/28 (2006.01)
A61K 31/454 (2006.01)

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 (21) 2024201478 (22) 06.03.2024
 (54) CALIBRATING CLOSE INTERVAL
 SURVEY DATA WITH REMOTE MON-
 ITORING DATA
 (51) Int. Cl.

G01V 3/38 (2006.01)
G01N 17/02 (2006.01)
G01R 29/12 (2006.01)
G01R 31/08 (2020.01)
G01R 31/58 (2020.01)
G01V 3/04 (2006.01)
G01V 3/06 (2006.01)
G06Q 30/0202 (2023.01)
G06Q 50/06 (2012.01)
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F25D 23/00 (2006.01)

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 BIES, Buzz
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 (11) AU-A-2024219477
 (21) 2024219477 (22) 06.09.2024
 (54) Novel glutaminyl cyclase inhibitors and
 the use thereof in treatment of various
 diseases

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A61K 31/4178 (2006.01)
A61K 47/00 (2006.01)
A61P 1/04 (2006.01)
A61P 3/00 (2006.01)
A61P 11/00 (2006.01)
A61P 17/06 (2006.01)
A61P 31/00 (2006.01)
A61P 37/00 (2006.01)
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Rydlovskaya, Anastasia Vladimirovna;
Kromova, Tatyana Alexandrovna
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"Valenta-Intellekt"
(11) AU-A-2024219478
(21) 2024219478 (22) 06.09.2024
(54) Novel glutaminyl cyclase inhibitors and
the use thereof in treatment of various
diseases
(51) Int. Cl.
A61K 31/4178 (2006.01)
A61K 47/00 (2006.01)
A61P 1/00 (2006.01)
A61P 3/04 (2006.01)
A61P 11/00 (2006.01)
A61P 17/06 (2006.01)
A61P 37/00 (2006.01)
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Kromova, Tatyana Alexandrovna
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(21) 2024219588 (22) 11.09.2024
(54) Membrane reactor
(51) Int. Cl.
B01D 69/00 (2006.01)
B01D 53/22 (2006.01)
B01D 69/10 (2006.01)
B01D 69/12 (2006.01)
C07C 1/04 (2006.01)
C07C 1/12 (2006.01)
C07C 11/02 (2006.01)
C07C 29/152 (2006.01)
C07C 31/04 (2006.01)
C07C 31/08 (2006.01)
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Kazuki
(74) FPA Patent Attorneys Pty Ltd
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(54) SOLIDIFICATION REFINEMENT AND
GENERAL PHASE TRANSFORMA-
TION CONTROL THROUGH APPLICA-
TION OF IN SITU GAS JET IMPINGE-
MENT IN METAL ADDITIVE MANU-
FACTURING
(51) Int. Cl.
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B22F 3/105 (2006.01)
B23K 26/342 (2014.01)
B33Y 10/00 (2015.01)
B33Y 30/00 (2015.01)
B33Y 50/02 (2015.01)
B22F 3/10 (2006.01)
(43) 03.10.2024
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Hilde Løken
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Limited
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(54) Ruminant feed composition comprising
a muramidase
(51) Int. Cl.
A23K 20/189 (2016.01)
A23K 20/195 (2016.01)
A23K 50/10 (2016.01)
C12N 9/36 (2006.01)
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(72) STORM, Adam Christian; KOFOD,
Lene Venke
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- (71) Nunhems B.V.
(11) AU-A-2024201608
(21) 2024201608 (22) 12.03.2024
(54) Lettuce variety NUN 08239 LTL
(51) Int. Cl.
A01H 6/14 (2018.01)
A01H 5/12 (2018.01)
(31) 63/489,913 (32) 13.03.23 (33) US
(43) 03.10.2024
(72) Munoz Munoz, Juan Francisco
(74) Davies Collison Cave Pty Ltd
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- (71) Nunhems B.V.
(11) AU-A-2024201664
(21) 2024201664 (22) 14.03.2024
(54) Watermelon variety NUN 32126 WMW
(51) Int. Cl.
A01H 6/34 (2018.01)
A01H 1/04 (2006.01)
A01H 5/08 (2018.01)
A01H 5/10 (2018.01)
(31) 63/490,637 (32) 16.03.23 (33) US
(43) 03.10.2024
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(74) Davies Collison Cave Pty Ltd
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(11) AU-A-2024201666
(21) 2024201666 (22) 14.03.2024
(54) Watermelon variety NUN 32117 WMW
(51) Int. Cl.
A01H 6/34 (2018.01)
A01H 1/04 (2006.01)
A01H 5/08 (2018.01)
A01H 5/10 (2018.01)
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B22F 3/105 (2006.01)
B23K 26/342 (2014.01)
B33Y 10/00 (2015.01)
B33Y 30/00 (2015.01)
B33Y 50/02 (2015.01)
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(72) MATHISEN, Martin Borlaug; LARSEN,
Hilde Løken
(74) Dentons Patent Attorneys Australasia
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(11) AU-A-2024201676
(21) 2024201676 (22) 14.03.2024
(54) Watermelon variety NUN 32132 WMW
(51) Int. Cl.
A01H 6/34 (2018.01)
A01H 1/04 (2006.01)
A01H 5/08 (2018.01)
A01H 5/10 (2018.01)
(31) 63/490,637 (32) 16.03.23 (33) US
(43) 03.10.2024
(72) Echeverry-Solarte, Morgan
(74) Davies Collison Cave Pty Ltd
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- (71) Nunhems B.V.
(11) AU-A-2024201713
(21) 2024201713 (22) 15.03.2024
(54) Watermelon Variety NUN 22102 WMW
(51) Int. Cl.
A01H 6/34 (2018.01)
A01H 1/04 (2006.01)
A01H 5/08 (2018.01)
A01H 5/10 (2018.01)
(31) 2023900743 (32) 17.03.23 (33) AU
63/490681 16.03.23 US
(43) 03.10.2024
(72) Echeverry-Solarte, Morgan
(74) Davies Collison Cave Pty Ltd
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- (71) Nunhems B.V.
(11) AU-A-2024201714
(21) 2024201714 (22) 15.03.2024
(54) Watermelon Variety NUN 22104 WMW
(51) Int. Cl.
A01H 6/34 (2018.01)
A01H 1/04 (2006.01)
A01H 5/08 (2018.01)
A01H 5/10 (2018.01)
(31) 2023900743 (32) 17.03.23 (33) AU
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(72) Echeverry-Solarte, Morgan
(74) Davies Collison Cave Pty Ltd
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- (71) Nunhems B.V.
(11) AU-A-2024201715
(21) 2024201715 (22) 15.03.2024
(54) Watermelon Variety NUN 32137 WMW
(51) Int. Cl.
A01H 6/34 (2018.01)
A01H 1/04 (2006.01)
A01H 5/08 (2018.01)
A01H 5/10 (2018.01)
(31) 2023900744 (32) 17.03.23 (33) AU
(43) 03.10.2024
(72) Echeverry-Solarte, Morgan
(74) Davies Collison Cave Pty Ltd
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- (71) Ocado Innovation Limited
(11) AU-A-2024219598
(21) 2024219598 (22) 11.09.2024
(54) A GRID FRAME STRUCTURE

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B65G 1/04 (2006.01)
- (43) 03.10.2024
(62) 2022203804
- (72) LINDBO, Lars Sverker Ture; STADIE, Robert Rolf; WHELAN, Matthew Robert; BRETT, Christopher Richard James
- (74) Griffith Hack
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- (71) OCTET MEDICAL, INC.
(11) AU-A-2024219699
(21) 2024219699 (22) 13.09.2024
(54) DISPOSABLE CARTRIDGES FOR ELECTROSTATIC APPLICATOR, SYSTEMS, AND METHODS THEREOF
- (51) Int. Cl.
B05B 5/053 (2006.01)
A61M 35/00 (2006.01)
B05B 5/16 (2006.01)
B05B 15/00 (2018.01)
- (43) 03.10.2024
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- (72) WRIGHT, Clifford A.; ELSABEE, Kyle; REISMAN, Ben; LAWRENCE, Ron; ORTUNO, Dan; BRAINERD, Gusten; WOLD, Matthew Michael; WILLIAMS, Michael
- (74) Davies Collison Cave Pty Ltd
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- (71) OVCHARYK, I.; KHODAKOV, K.; PAVELKO, T.; LAPA, V.; HAVRILOV, A.; SOTNIKOV, A.; ZHURBENKO, A.
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(21) 2023233153 (22) 21.09.2023
(54) A TOUCH LIGHT SWITCH
- (51) Int. Cl.
H03K 17/96 (2006.01)
G06F 3/041 (2006.01)
G06F 3/042 (2006.01)
G06F 3/044 (2006.01)
G06F 3/0488 (2022.01)
G06V 40/13 (2022.01)
H03K 17/955 (2006.01)
H05K 5/02 (2006.01)
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- (74) Argon IP Advisory Pty Ltd
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- (71) Owens Corning Intellectual Capital, LLC
(11) AU-A-2024219537
(21) 2024219537 (22) 09.09.2024
(54) Aqueous binder compositions
- (51) Int. Cl.
C08K 5/00 (2006.01)
C08L 67/02 (2006.01)
D06M 15/51 (2006.01)
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- (74) Davies Collison Cave Pty Ltd
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- (71) Payapps Pty Ltd
(11) AU-A-2024219479
(21) 2024219479 (22) 06.09.2024
(54) System and Method for Project Contract Management
- (51) Int. Cl.
G06Q 50/08 (2012.01)
G06Q 10/06 (2023.01)
- (43) 03.10.2024
(62) 2022252257
- (72) Easton, Lincoln Keith; Ballinger, Mark William; Bruscella, Vito Benito
- (74) Adrian M Trioli Patent and Trade Mark Attorney
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- (71) Pioneer Hi-Bred International, Inc.
(11) AU-A-2024219587
(21) 2024219587 (22) 11.09.2024
(54) Insecticidal proteins and methods for their use
- (51) Int. Cl.
A01H 1/00 (2006.01)
A01H 5/00 (2018.01)
A01H 5/10 (2018.01)
C07H 21/04 (2006.01)
- (43) 03.10.2024
(62) 2022201132
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- (74) Oxygene IP
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- (71) Pivot Electronics Pty Ltd
(11) AU-A-2024219646
(21) 2024219646 (22) 12.09.2024
(54) Terminal and disconnection link
- (51) Int. Cl.
H01R 9/26 (2006.01)
H01R 31/08 (2006.01)
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- (72) Peach, Philip Louis
- (74) FB Rice Pty Ltd
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(11) AU-A-2024219531
(21) 2024219531 (22) 09.09.2024
(54) System and Method for Algorithmic Editing of Video Content
- (51) Int. Cl.
G06Q 30/0242 (2023.01)
G06F 16/783 (2019.01)
G06Q 50/00 (2012.01)
G06V 20/40 (2022.01)
G11B 27/031 (2006.01)
H04N 21/00 (2011.01)
H04N 21/21 (2011.01)
H04N 21/233 (2011.01)
H04N 21/234 (2011.01)
H04N 21/2343 (2011.01)
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(11) AU-A-2024201727
(21) 2024201727 (22) 15.03.2024
(54) Battery box, battery pack and energy storage container
- (51) Int. Cl.
H01M 50/209 (2021.01)
H01M 50/60 (2021.01)
- (31) 202320543686.3 (32) 16.03.23 (33) CN
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(72) Cao, Hui; Liu, Si; Yu, Chen; Dai, Hua; Tao, Chao; Zhao, Qi
- (74) FB Rice Pty Ltd
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(11) AU-A-2024219520
(21) 2024219520 (22) 09.09.2024
(54) Optimized binuclease fusions and methods
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A61K 38/46 (2006.01)
C12N 9/22 (2006.01)
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- (74) Adams Pluck
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- (51) Int. Cl.
A63D 15/06 (2006.01)
- (87) WO2024/164849
(31) 202310163636.7 (32) 24.02.23 (33) CN
- (43) 03.10.2024
(72) QIAO, Bing
- (74) A.P.T. Patent and Trade Mark Attorneys
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- (71) Regeneron Pharmaceuticals, Inc.; Sanofi Biotechnology
(11) AU-A-2024205254
(21) 2024205254 (22) 31.07.2024
(54) Methods for reducing cardiovascular risk
- (51) Int. Cl.
C07K 16/40 (2006.01)
A61K 39/395 (2006.01)
A61P 9/00 (2006.01)
- (43) 03.10.2024
(62) 2021201118
- (72) Bessac, Laurence; Hanotin, Corinne; Pordy, Robert C.; Sasiela, William J.; Schwartz, Gregory G.; Steg, Philippe Gabriel
- (74) Griffith Hack
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 (11) AU-A-2024219555
 (21) 2024219555 (22) 10.09.2024
 (54) Apparatus For Tensioning Pliable Air-ducts While Supporting Internal HVAC Components
 (51) Int. Cl.
F24F 13/02 (2006.01)
 (43) 03.10.2024
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 (72) SCHMIDT, Blaine; GEBKE, Kevin J.; KAUFMANN, Nicholas L.; NIEHAUS, William A.
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(71) Rose, C.
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 (21) 2024201434 (22) 05.03.2024
 (54) Ember resistant guttering system
 (51) Int. Cl.
E04D 13/04 (2006.01)
E04D 3/40 (2006.01)
E04D 13/064 (2006.01)
E04D 13/16 (2006.01)
 (31) 2023900719 (32) 16.03.23 (33) AU
 (43) 03.10.2024
 (72) Rose, Cecil
 (74) Patentec Patent Attorneys

(71) Sage Therapeutics, Inc.
 (11) AU-A-2024219523
 (21) 2024219523 (22) 09.09.2024
 (54) C17, C20, and C21 substituted neuro-active steroids and their methods of use
 (51) Int. Cl.
C07J 7/00 (2006.01)
A61K 31/565 (2006.01)
A61K 31/57 (2006.01)
A61K 31/573 (2006.01)
A61K 31/575 (2006.01)
A61K 31/58 (2006.01)
A61P 25/00 (2006.01)
C07J 1/00 (2006.01)
C07J 9/00 (2006.01)
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C07J 41/00 (2006.01)
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 (74) Spruson & Ferguson

(71) Salera, D.
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 (21) 2024219495 (22) 08.09.2024
 (54) PORTABLE BUILDING STRUCTURE
 (51) Int. Cl.

H02S 20/30 (2014.01)
E04B 1/343 (2006.01)
E04H 1/12 (2006.01)
H02S 20/24 (2014.01)
H02S 30/10 (2014.01)
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 (43) 03.10.2024
 (62) 2022200044
 (72) Salera, Daniel
 (74) mdp Patent and Trade Mark Attorneys

(71) Salesforce, Inc.
 (11) AU-A-2024219678
 (21) 2024219678 (22) 12.09.2024
 (54) Desktop and mobile graphical user interface unification
 (51) Int. Cl.
G06F 9/451 (2018.01)
G06F 3/048 (2013.01)
 (43) 03.10.2024
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 (72) JACOBSON, Eric; GONZALEZ, Michael; CHO, Wayne; VARADARA-JAN, Adheip; MCCALL, Daniel; OLIV-EROS, Victor; ABRAHAMIAN, Annie; KLEIN, David; HOWLAND, Nicholas; HASKINS, Kyle M.; VOLLMER, John; SNYDER, Benjamin; ROSENBAUM, Mike
 (74) Spruson & Ferguson

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 (21) 2024205254

(71) Seminis Vegetable Seeds, Inc.
 (11) AU-A-2024201347
 (21) 2024201347 (22) 29.02.2024
 (54) Pepper hybrid SVPB2713 and parents thereof
 (51) Int. Cl.
A01H 6/82 (2018.01)
A01H 1/04 (2006.01)
A01H 5/08 (2018.01)
 (31) 63/490066 (32) 14.03.23 (33) US
 (43) 03.10.2024
 (72) MCCARTHY, William
 (74) Davies Collison Cave Pty Ltd

(71) ServiceNow, Inc.
 (11) AU-A-2023285916
 (21) 2023285916 (22) 21.12.2023
 (54) LOG CLUSTERING FOR GUIDED ROOT CAUSE ANALYSIS
 (51) Int. Cl.
G06F 11/00 (2006.01)
G06F 15/00 (2006.01)
 (31) 18/123,120 (32) 17.03.23 (33) US
 (43) 03.10.2024
 (72) Shtilkind, Eugene Aaron
 (74) Madderns Pty Ltd

(71) ServiceNow, Inc.
 (11) AU-A-2024219695
 (21) 2024219695 (22) 13.09.2024

(54) Workflow support for dynamic action input
 (51) Int. Cl.
G06Q 10/06 (2023.01)
 (43) 03.10.2024
 (62) 2023229528
 (72) BURMAN, Jacob Samuel; DIAS, Rebecca Anita; NERIUS, Joshua Timothy; MALOY, Christopher; ALVARADO JIMENEZ, Alberto; NELSON, Harry Thomas
 (74) FPA Patent Attorneys Pty Ltd

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 (21) 2024201727

(71) Shaw, O.; Hurst, R.
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 (21) 2024219584 (22) 11.09.2024
 (54) Boysenberry, apple, and blackcurrant compositions and methods of preparation and use therefor
 (51) Int. Cl.
A61K 36/73 (2006.01)
A23L 2/02 (2006.01)
A61K 31/05 (2006.01)
A61K 36/185 (2006.01)
A61P 11/00 (2006.01)
 (43) 03.10.2024
 (62) 2018312823
 (72) SHAW, Odette M.; HURST, Roger D
 (74) Southern Cross Intellectual Property

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 (21) 2024201440 (22) 05.03.2024
 (54) Ratchet flex joint locking mechanism
 (51) Int. Cl.
B25B 23/00 (2006.01)
B25B 13/46 (2006.01)
B25B 13/48 (2006.01)
F16C 11/10 (2006.01)
 (31) 18/122,287 (32) 16.03.23 (33) US
 (43) 03.10.2024
 (72) ROSS, David T.
 (74) Griffith Hack

(71) SOCIAL PROFIT NETWORK
 (11) AU-A-2024219688
 (21) 2024219688 (22) 13.09.2024
 (54) Methods and Compositions for Delivery of Biotin to Mitochondria
 (51) Int. Cl.
A61K 31/4188 (2006.01)
 (43) 03.10.2024
 (62) 2021340589
 (72) SZETO, Hazel
 (74) Eagar & Associates Pty Ltd

(71) Solera Holdings, LLC
 (11) AU-A-2024200682
 (21) 2024200682 (22) 05.02.2024
 (54) IDENTIFICATION AND USE OF GREENHOUSE GAS EMISSION

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(51) Int. Cl.
G07C 5/08 (2006.01)
G06Q 10/20 (2023.01)
G06Q 50/40 (2024.01)
(31) 18/182,789 **(32)** 13.03.23 **(33)** US
(43) 03.10.2024
(72) Portillo, Alvaro Rivero
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Solution Design Group Pty Ltd
(11) AU-A-2024201726
(21) 2024201726 **(22)** 15.03.2024
(54) BED FOR MINIMISATION OF USER SELF-HARM
(51) Int. Cl.
A47C 19/04 (2006.01)
A61G 7/012 (2006.01)
A61G 7/018 (2006.01)
(31) 2023900710 **(32)** 16.03.23 **(33)** AU
(43) 03.10.2024
(72) Harris, Royce
(74) Griffith Hack

(71) Sony Group Corporation
(11) AU-A-2024219691
(21) 2024219691 **(22)** 13.09.2024
(54) INFORMATION PROCESSING DEVICE, METHOD, AND PROGRAM
(51) Int. Cl.
H04S 7/00 (2006.01)
(43) 03.10.2024
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(72) HATANAKA, Mitsuyuki; CHINEN, Toru
(74) Griffith Hack

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(21) 2023233153

(71) South East Water Corporation
(11) AU-A-2024219562
(21) 2024219562 **(22)** 10.09.2024
(54) SYSTEM AND METHOD FOR MONITORING SEWER WET WELL CONDITIONS
(51) Int. Cl.
G01F 23/00 (2022.01)
E21B 47/00 (2012.01)
(43) 03.10.2024
(62) 2018222937
(72) Bassett, Lyle; Forster-Knight, Andrew; Tikkoo, Tushar
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Spark Therapeutics, Inc.
(11) AU-A-2024219508
(21) 2024219508 **(22)** 09.09.2024
(54) RAB ESCORT PROTEIN POTENCY ASSAY
(51) Int. Cl.
A61K 48/00 (2006.01)
C12N 15/86 (2006.01)

(43) 03.10.2024
(62) 2017355714
(72) Wright, John Fraser; Sumaroka, Marina
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Spoke Sciences, Inc.
(11) AU-A-2024219599
(21) 2024219599 **(22)** 11.09.2024
(54) Herbal compositions with improved bioavailability
(51) Int. Cl.
A61K 36/18 (2006.01)
A61K 36/88 (2006.01)
A61K 36/906 (2006.01)

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(62) 2018345812
(72) LEONE-BAY, Andrea; WESNER, Gregory
(74) Griffith Hack

(71) Storz & Bickel GmbH
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(54) Convection and conduction heater for a vaporizer
(51) Int. Cl.
H05B 3/40 (2006.01)
A24F 40/46 (2020.01)

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(74) FB Rice Pty Ltd

(71) Stramit Corporation Pty Limited
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(21) 2024201678 **(22)** 14.03.2024
(54) CLIP ASSEMBLY FOR CONCEALED ATTACHMENT OF A CLADDING SHEET TO A SUPPORT
(51) Int. Cl.
E04D 3/36 (2006.01)
E04D 3/30 (2006.01)
(31) 2023900732 **(32)** 17.03.23 **(33)** AU
(43) 03.10.2024
(72) Taylor, Harley
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Stryker Corporation
(11) AU-A-2024219703
(21) 2024219703 **(22)** 13.09.2024
(54) Systems for using the status of a motor during a surgical drilling procedure to improve efficiency of a breakthrough algorithm
(51) Int. Cl.
A61B 17/16 (2006.01)
A61B 17/00 (2006.01)
A61B 90/00 (2016.01)
(43) 03.10.2024
(62) 2020364233
(72) SHARMA, Rahul
(74) Davies Collison Cave Pty Ltd

(71) Stryker Corporation
(11) AU-A-2024219706
(21) 2024219706 **(22)** 13.09.2024
(54) System and method for indicating mapping of console-based surgical systems
(51) Int. Cl.
A61B 17/00 (2006.01)
A61B 90/00 (2016.01)
(43) 03.10.2024
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(72) Laubenthal, Michael; Clifford, Steven T.; Merkel, Brett R.; Kemp, Zachary
(74) Davies Collison Cave Pty Ltd

(71) Stryker Corporation
(11) AU-A-2024219708
(21) 2024219708 **(22)** 13.09.2024
(54) Surgical handpiece for measuring depth of bore holes and related accessories
(51) Int. Cl.
A61B 17/16 (2006.01)
A61B 90/00 (2016.01)
(43) 03.10.2024
(62) 2018316833
(72) CARUSILLO, Steve; LAMBERT, Trevor J.; MARIETTA, Joseph O.; PETERS, Stephen
(74) Davies Collison Cave Pty Ltd

(71) Studco Australia Pty Ltd
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(54) IMPROVED BUILDING STUD FOR UTILITY SERVICES
(51) Int. Cl.
E04B 2/78 (2006.01)
E04B 2/74 (2006.01)
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(43) 03.10.2024
(72) Stevens, Benjamin Gordon; McKechnie, Simon Mark
(74) Patent Attorney Services

(71) SUNGROW POWER SUPPLY CO., LTD.
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(21) 2023263509 **(22)** 09.11.2023
(54) Reactor and electrical device
(51) Int. Cl.
H01R 12/51 (2011.01)
H01R 4/30 (2006.01)
H01R 9/24 (2006.01)
H01R 12/55 (2011.01)
H01R 12/71 (2011.01)
H01R 12/91 (2011.01)
H01R 13/42 (2006.01)
H01R 13/74 (2006.01)
(31) 202320513295.7 **(32)** 13.03.23 **(33)** CN
(43) 03.10.2024
(72) Jiangling PAN; Chaoling HUANG; Lin CHEN; Fenglei WU
(74) Davies Collison Cave Pty Ltd

(71) SuperCool Asia Pacific Pty Ltd
(11) AU-A-2024219573
(21) 2024219573 **(22)** 10.09.2024

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 (51) Int. Cl.
G01K 13/00 (2021.01)
A23L 3/36 (2006.01)
G01K 1/00 (2006.01)
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 (62) 2018371678
 (72) HAMID, Hanan; FREUND, Daniel Peter; MITCHELL, Mark; MITCHELL, Jon; THIEL, David; JAHANGIRI, Amirreza
 (74) Spruson & Ferguson

(71) Terra Quantum AG
 (11) AU-A-2024200972
 (21) 2024200972 (22) 15.02.2024
 (54) Hybrid quantum classical classification system for classifying images and training method
 (51) Int. Cl.
G06V 10/82 (2022.01)
G06F 18/214 (2023.01)
G06N 3/045 (2023.01)
G06N 3/08 (2023.01)
G06N 10/00 (2022.01)
G06T 9/00 (2006.01)
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 (43) 03.10.2024
 (72) SENOKOSOV, Arsenii; SEDYKH, Alexander; SAGINGALIEVA, Asel; MELNIKOV, Alexey
 (74) Griffith Hack

(71) The Banktech Group Pty Ltd
 (11) AU-A-2024201644
 (21) 2024201644 (22) 13.03.2024
 (54) SYSTEMS AND METHODS FOR CASHLESS GAMING USING EFTPOS
 (51) Int. Cl.
G07F 17/32 (2006.01)
G06Q 20/18 (2012.01)
G06Q 20/20 (2012.01)
G06Q 20/22 (2012.01)
G07F 7/08 (2006.01)
G07F 17/42 (2006.01)
G06K 19/06 (2006.01)
G06K 19/07 (2006.01)
G06Q 20/34 (2012.01)
 (31) 2023900671 (32) 13.03.23 (33) AU
 (43) 03.10.2024
 (72) Glen, David
 (74) Gestalt Law Pty Ltd

(71) The Board of Trustees of the Leland Stanford Junior University
 (11) AU-A-2024219648
 (21) 2024219648 (22) 12.09.2024
 (54) Targeted therapy for small cell lung cancer
 (51) Int. Cl.
C07K 16/00 (2006.01)
A61K 38/00 (2006.01)
A61K 39/00 (2006.01)
A61K 39/395 (2006.01)

(43) 03.10.2024
 (62) 2020264334
 (72) WEISKOPF, Kipp Andrew; SAGE, Julien; WEISSMAN, Irving L.
 (74) FB Rice Pty Ltd

(71) The Chinese University of Hong Kong; Grail, Inc.
 (11) AU-A-2024219557
 (21) 2024219557 (22) 10.09.2024
 (54) Methods and systems for tumor detection
 (51) Int. Cl.
C12Q 1/68 (2018.01)
G01N 33/574 (2006.01)
G16B 20/00 (2019.01)
 (43) 03.10.2024
 (62) 2017347790
 (72) Namsaraev, Eugeni; Lo, Yuk-Ming Dennis; Chiu, Rossa Wai Kwan; Chan, Kwan Chee; Jiang, Peiyong; Sun, Kun; Lam, Wai Kei
 (74) Davies Collison Cave Pty Ltd

(71) The Council of the Queensland Institute of Medical Research
 (11) AU-A-2024219637
 (21) 2024219637 (22) 11.09.2024
 (54) ADOPTIVE T-CELL THERAPY FOR CMV INFECTION AND CMV-ASSOCIATED DISEASES
 (51) Int. Cl.
C07K 7/06 (2006.01)
A61K 35/17 (2015.01)
A61K 38/08 (2019.01)
A61K 38/10 (2006.01)
A61K 39/245 (2006.01)
C07K 7/08 (2006.01)
C07K 14/045 (2006.01)
G01N 33/53 (2006.01)
 (43) 03.10.2024
 (62) 2019268545
 (72) KHANNA, Rajiv; SMITH, Corey
 (74) James & Wells Intellectual Property

(71) The Fynder Group, Inc.
 (11) AU-A-2024219702
 (21) 2024219702 (22) 13.09.2024
 (54) EDIBLE COMPOSITION WITH FILAMENTOUS FUNGI AND BIOREACTOR SYSTEM FOR THE CULTIVATION THEREOF
 (51) Int. Cl.
A23L 33/195 (2016.01)
A01G 18/64 (2018.01)
A01G 18/66 (2018.01)
A23J 3/20 (2006.01)
A23L 31/00 (2016.01)
C12R 1/645 (2006.01)
C12R 1/77 (2006.01)
 (43) 03.10.2024
 (62) 2022279428
 (72) Kozubal, Mark A.; Macur, Richard E.; Avniel, Yuval C.; Hamilton, Maximilian DeVane
 (74) Madderns Pty Ltd

(71) The Institute of Cancer Research: Royal Cancer Hospital; The Royal Marsden NHS Foundation Trust
 (11) AU-A-2024219534
 (21) 2024219534 (22) 09.09.2024
 (54) Coumarin derivative for therapy or prophylaxis of a cell proliferative disorder
 (51) Int. Cl.
A61K 31/37 (2006.01)
A61K 31/573 (2006.01)
A61P 35/00 (2006.01)
A61P 35/04 (2006.01)
 (43) 03.10.2024
 (62) 2018369325
 (72) BANERJI, Udai
 (74) Spruson & Ferguson

(71) The Jackson Laboratory
 (11) AU-A-2024219629
 (21) 2024219629 (22) 11.09.2024
 (54) Nicotinamide for use in the treatment and prevention of ocular neurodegenerative disorder (e.g. glaucoma)
 (51) Int. Cl.
A61K 31/19 (2006.01)
A61K 31/455 (2006.01)
A61K 31/465 (2006.01)
A61K 45/06 (2006.01)
A61K 48/00 (2006.01)
A61P 27/02 (2006.01)
A61P 27/06 (2006.01)
C12N 15/86 (2006.01)
 (43) 03.10.2024
 (62) 2022209298
 (72) JOHN, Simon W. M.; WILLIAMS, Peter Alexander
 (74) Spruson & Ferguson

(71) Theracell, LLC
 (11) AU-A-2024219510
 (21) 2024219510 (22) 09.09.2024
 (54) Demineralized bone fiber composition for augmentation of fixation
 (51) Int. Cl.
A61B 17/86 (2006.01)
 (43) 03.10.2024
 (62) 2018313306
 (72) CARTER, Andrew J.; PATT, Bradley E.; ANDERSSON, Gunnar; MCRURY, Ian
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) The Raymond Corporation
 (11) AU-A-2024201612
 (21) 2024201612 (22) 12.03.2024
 (54) Load position verification systems and methods
 (51) Int. Cl.
B66F 17/00 (2006.01)
B66F 9/18 (2006.01)
 (31) 63/452,589 (32) 16.03.23 (33) US
 (43) 03.10.2024
 (72) TRACY, Erik C.; WEISS, Joseph A.; RICHARDS, Curtis D.
 (74) GLMR

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(71) The Raymond Corporation
 (11) AU-A-2024201613
 (21) 2024201613 (22) 12.03.2024
 (54) Load handling sensors for a material handling vehicle
 (51) Int. Cl.
 B66F 17/00 (2006.01)
 B66F 9/18 (2006.01)
 (31) 63/452,631 (32) 16.03.23 (33) US
 (43) 03.10.2024
 (72) TRACY, Erik C.; WEISS, Joseph A.
 (74) GLMR

The Royal Marsden NHS Foundation Trust
 see The Institute of Cancer Research: Royal Cancer Hospital
 (21) 2024219534

(71) THE SCRIPPS RESEARCH INSTITUTE
 (11) AU-A-2024219511
 (21) 2024219511 (22) 09.09.2024
 (54) Sulfur(VI) fluoride compounds and methods for the preparation thereof
 (51) Int. Cl.
 C07C 305/26 (2006.01)
 A61K 31/10 (2006.01)
 A61K 31/16 (2006.01)
 (43) 03.10.2024
 (62) 2023200095
 (72) DONG, Jiajia; SHARPLESS, K. Barry; KELLY, Jeffery W.; BARANCZAK, Aleksandra; CHEN, Wentao
 (74) Griffith Hack

(71) Thetford BV
 (11) AU-A-2024219652
 (21) 2024219652 (22) 12.09.2024
 (54) Refrigerator
 (51) Int. Cl.
 F25D 17/06 (2006.01)
 F25D 11/00 (2006.01)
 F25D 17/08 (2006.01)
 (43) 03.10.2024
 (62) 2022221455
 (72) BAI, Hao; BERKHOUT, Pieter-Dirk; VAN ROOIJEN, Joost Marinus; JANSEN, Leendert Jan Antoon
 (74) HENRY HUGHES IP LTD

(71) The Trustees of The University of Pennsylvania
 (11) AU-A-2024219391
 (21) 2024219391 (22) 04.09.2024
 (54) Novel Adeno Associated Virus (AAV) Clade F Vector And Uses Therefor
 (51) Int. Cl.
 C12N 7/00 (2006.01)
 A61K 35/76 (2015.01)
 A61K 48/00 (2006.01)
 (43) 03.10.2024
 (62) 2018227440
 (72) Wilson, James M.; Wang, Qiang; Giles, April; Turner, Kevin
 (74) WRAYS PTY LTD

Toshiba Energy Systems & Solutions Corporation see Kabushiki Kaisha Toshiba
 (21) 2023226735

Toshiba Energy Systems & Solutions Corporation see Kabushiki Kaisha Toshiba
 (21) 2024200313

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 (21) 2024200339

TOSHIBA ENERGY SYSTEMS & SOLUTIONS CORPORATION see KABUSHIKI KAISHA TOSHIBA
 (21) 2024200204

(71) Transportation IP Holdings, LLC
 (11) AU-A-2024201071
 (21) 2024201071 (22) 20.02.2024
 (54) TIE-ARRANGEMENT SYSTEM AND METHOD OF DELIVERING TIES
 (51) Int. Cl.
 E01B 29/06 (2006.01)
 B66C 1/10 (2006.01)
 B66C 7/08 (2006.01)
 B66C 13/08 (2006.01)
 (31) 18/544,349 (32) 18.12.23 (33) US
 63/490,683 16.03.23 US
 (43) 03.10.2024
 (72) VanderLinden, Michael; Wellings, Norman; Bachman, Mark
 (74) K&L Gates

(71) Transportation IP Holdings, LLC
 (11) AU-A-2024219715
 (21) 2024219715 (22) 13.09.2024
 (54) SYSTEMS AND METHODS FOR ESTIMATING TIME OF ARRIVAL OF VEHICLE SYSTEMS
 (51) Int. Cl.
 G06Q 10/04 (2023.01)
 G01C 21/34 (2006.01)
 G06N 20/00 (2019.01)
 G06Q 10/08 (2023.01)
 G06Q 50/30 (2012.01)
 G07C 5/02 (2006.01)
 (43) 03.10.2024
 (62) 2022202836
 (72) Con, Eren; Kundur, Shereesh; Melamud, Anatoly; Calegari, Carlos
 (74) K&L Gates

(71) TRINA SOLAR CO., LTD.
 (11) AU-A-2024219993
 (21) 2024219993 (22) 23.09.2024
 (54) Solar cell, method for manufacturing the same, photovoltaic module, and photovoltaic system
 (51) Int. Cl.
 H01L 31/04 (2014.01)
 H01L 21/02 (2006.01)
 H01L 31/0236 (2006.01)
 H01L 31/18 (2006.01)

(43) 03.10.2024
 (62) 2023251504
 (72) LIU, Chengfa; CHEN, Hong; CHEN, Daming; CHEN, Yifeng
 (74) Griffith Hack

(71) Ulthera, Inc.
 (11) AU-A-2024213113
 (21) 2024213113 (22) 21.08.2024
 (54) SYSTEMS AND METHODS FOR COSMETIC ULTRASOUND TREATMENT OF SKIN
 (51) Int. Cl.
 A61N 7/00 (2006.01)
 A61B 8/00 (2006.01)
 (43) 03.10.2024
 (62) 2022204098
 (72) Emery, Charles D.; Hsu, Stephen J.
 (74) AJ PARK

(71) Unity Biotechnology, Inc.
 (11) AU-A-2024219624
 (21) 2024219624 (22) 11.09.2024
 (54) Acyl sulfonamides that are Bcl family antagonists for use in clinical management of conditions caused or mediated by senescent cells and for treating cancer
 (51) Int. Cl.
 C07D 207/337 (2006.01)
 A61K 31/675 (2006.01)
 A61P 9/10 (2006.01)
 A61P 11/00 (2006.01)
 A61P 19/02 (2006.01)
 A61P 27/00 (2006.01)
 A61P 43/00 (2006.01)
 C07D 401/12 (2006.01)
 (43) 03.10.2024
 (62) 2019287528
 (72) BEAUSOLEIL, Anne-Marie; RYAN, Hudson
 (74) FB Rice Pty Ltd

(71) UPL Ltd
 (11) AU-A-2024219526
 (21) 2024219526 (22) 09.09.2024
 (54) FERTILIZER COMPOSITIONS
 (51) Int. Cl.
 C05G 3/00 (2020.01)
 B32B 27/08 (2006.01)
 C05C 9/00 (2006.01)
 C09D 133/26 (2006.01)
 (43) 03.10.2024
 (62) 2019224673
 (72) SHIRSAT, Rajan Ramakant; VITHALDAS, Talati Paresh; SHROFF, Jaidev Rajnikant; SHROFF, Vikram Rajnikant
 (74) Churchill Attorneys

(71) Vaxxas Pty Limited
 (11) AU-A-2024216456
 (21) 2024216456 (22) 30.08.2024
 (54) Compact high mechanical energy storage and low trigger force actuator for the delivery of microprojection array patches (map)
 (51) Int. Cl.

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A61M 37/00 (2006.01)
(43) 03.10.2024
(62) 2018309562
(72) LEMAIRE, Pierre Armand Vincent
(74) Davies Collison Cave Pty Ltd

(71) Vaxxas Pty Limited
(11) AU-A-2024219654
(21) 2024219654 **(22)** 12.09.2024
(54) DEVICE AND METHOD FOR COATING SURFACES

(51) Int. Cl.
B41J 2/01 (2006.01)
A61M 37/00 (2006.01)
B05D 1/26 (2006.01)
(43) 03.10.2024
(62) 2018241251
(72) Wang, Xi; Junger, Michael Carl; Kandasamy, Sasikaran; Harris, Neil; Flaim, Christopher
(74) Davies Collison Cave Pty Ltd

(71) ViaCyte, Inc.
(11) AU-A-2024219638
(21) 2024219638 **(22)** 12.09.2024
(54) Universal donor cells and related methods
(51) Int. Cl.
C12N 5/071 (2010.01)
A01K 67/027 (2006.01)
A61K 35/39 (2015.01)
A61L 27/36 (2006.01)
C07K 14/705 (2006.01)
C12N 15/85 (2006.01)
(43) 03.10.2024
(62) 2021202641
(72) Agulnick, Alan D.; D'Amour, Kevin Allen; Bhoumik, Anindita
(74) RnB IP Pty Ltd

(71) W. L. Gore & Associates, Inc.
(11) AU-A-2024219561
(21) 2024219561 **(22)** 10.09.2024
(54) Sustained-release matrices for adventitial or periadventitial neural ablation and uses thereof
(51) Int. Cl.
A61K 9/107 (2006.01)
A61K 9/00 (2006.01)
A61K 31/337 (2006.01)
A61K 47/34 (2017.01)
A61P 25/00 (2006.01)
(43) 03.10.2024
(62) 2021209689
(72) CLAUDE, Charles D.; CLEEK, Robert L.; DRUMHELLER, Paul D.; STEVENSON, Andre T.
(74) Griffith Hack

(71) WELLADSEN BROS PTY LTD
(11) AU-A-2024204464
(21) 2024204464 **(22)** 14.03.2024
(54) A METHOD OF PREPARING AN AUDIO CABLE CONNECTOR
(51) Int. Cl.
H02G 15/18 (2006.01)
H01R 4/02 (2006.01)

H01R 4/72 (2006.01)
H01R 43/02 (2006.01)
H02G 15/013 (2006.01)
H02G 15/23 (2006.01)
(31) 2023900685 **(32)** 14.03.23 **(33)** AU
(43) 03.10.2024
(72) WELLADSEN, Thomas John; REYNOLDS, Peter Frederick
(74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD

(71) WEVER CO., LTD.
(11) AU-A-2023201528
(21) 2023201528 **(22)** 13.03.2023
(54) MUTUAL ENGAGEMENT STRUCTURE FOR A PET LEASH
(51) Int. Cl.
A01K 27/00 (2006.01)
(43) 03.10.2024
(72) CHI, Chen Wei
(74) ET Intellectual Property

(71) Xactware Solutions, Inc.
(11) AU-A-2024219514
(21) 2024219514 **(22)** 09.09.2024
(54) Computer vision systems and methods for detecting and modeling features of structures in images
(51) Int. Cl.
G06T 7/00 (2017.01)
G06F 16/00 (2019.01)
(43) 03.10.2024
(62) 2022275479
(72) Lewis, Jeffery D.; Porter, Bryce Zachary; Justus, Ryan Mark
(74) Davies Collison Cave Pty Ltd

Yale University see Arvinas, Inc.
(21) 2024219536

Yale University see Arvinas Operations, Inc.
(21) 2024219653

(71) YIELD10 BIOSCIENCE, INC.
(11) AU-A-2024205702
(21) 2024205702 **(22)** 13.08.2024
(54) GENETICALLY MODIFIED PLANTS THAT EXHIBIT AN INCREASE IN SEED YIELD COMPRISING A FIRST HOMELOG OF SUGAR-DEPENDENT1 (SDP1) HOMOZYGOUS FOR A WILD-TYPE ALLELE AND A SECOND HOMELOG OF SDP1 HOMOZYGOUS FOR A MUTANT ALLELE
(51) Int. Cl.
C12N 15/82 (2006.01)
A01H 6/20 (2018.01)
(43) 03.10.2024
(62) 2020316428
(72) MALIK, Meghna; TANG, Jihong; JI, Yuanyuan; SNELL, Kristi D
(74) AJ PARK

(71) Zhejiang Orient Gene Biotech Co., Ltd
(11) AU-A-2024201603
(21) 2024201603 **(22)** 12.03.2024
(54) DEVICE WITH SECONDARY DE-TERMINATION CHAMBER FOR TESTING ANALYTE IN LIQUID SAMPLE
(51) Int. Cl.
B01L 3/00 (2006.01)
A61B 10/00 (2006.01)
G01N 1/10 (2006.01)
(31) 63/453,899 **(32)** 22.03.23 **(33)** US
 202310257428.3 13.03.23 CN
(43) 03.10.2024
(72) LEI, Siyu; SHEN, Lili; FANG, Jianqiu
(74) Baxter Patent Attorneys Pty Ltd

ZHURBENKO, A. see OVCHARYK, I.
(21) 2023233153

(71) Zoetis Services LLC
(11) AU-A-2024219645
(21) 2024219645 **(22)** 12.09.2024
(54) Antimicrobial peptides and methods of using same
(51) Int. Cl.
C07K 14/78 (2006.01)
C07K 14/435 (2006.01)
C12N 15/82 (2006.01)
(43) 03.10.2024
(62) 2023229465
(72) KUHN, Michael; EWIN, Richard Andrew; SHEEHAN, Derek James; BAIMA, Eric; ZOOK, Christopher A.; PHELPS, Hilary
(74) Davies Collison Cave Pty Ltd

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2023201528	WEVER CO., LTD.	2024201754	Gunarathna Mudiyansele, P.B.G.
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2023219863	Lam, T.T.	2024204964	LG ELECTRONICS INC.
2023226735	Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation	2024205036	FUJIFILM Irvine Scientific, Inc.
2023229571	ANHUI LVWO RECYCLING ENERGY TECHNOLOGY CO., LTD.	2024205075	Illumina, Inc.
2023233048	Lam, T.T.	2024205200	Bioverativ Therapeutics Inc.
2023233153	OVCHARYK, I.; KHODAKOV, K.; PAVELKO, T.; LAPA, V.; HAVRILOV, A.; SOTNIKOV, A.; ZHURBENKO, A.	2024205207	QIAO, B.
2023248136	Degan, G.	2024205254	Regeneron Pharmaceuticals, Inc.; Sanofi Biotechnology
2023248210	Lam, T.T.	2024205702	YIELD10 BIOSCIENCE, INC.
2023258408	MFTB Holdco, Inc.	2024213113	Ulthera, Inc.
2023263509	SUNGROW POWER SUPPLY CO., LTD.	2024213183	Burton, D.
2023285916	ServiceNow, Inc.	2024216456	Vaxxas Pty Limited
2023336079	BEIJING EACON TECHNOLOGY CO., LTD.	2024219391	The Trustees of The University of Pennsylvania
2024200109	Idemia Identity & Security France	2024219444	Chapman, W.
2024200204	KABUSHIKI KAISHA TOSHIBA; TOSHIBA ENERGY SYSTEMS & SOLUTIONS CORPORATION	2024219454	Children's Medical Center Corporation
2024200313	Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation	2024219477	Nebolsin Vladimir Evgenievich; Ltd "Valenta-Intellekt"
2024200339	Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation	2024219478	Nebolsin Vladimir Evgenievich; Ltd "Valenta-Intellekt"
2024200682	Solera Holdings, LLC	2024219479	Payapps Pty Ltd
2024200697	Aristocrat Technologies, Inc.	2024219495	Salera, D.
2024200740	IHI Corporation	2024219496	BioNTech SE
2024200820	Communication Components Antenna Inc.	2024219497	Baylor College of Medicine
2024200869	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI	2024219504	Horizon Therapeutics Ireland DAC
2024200893	Idemia Identity & Security France	2024219508	Spark Therapeutics, Inc.
2024200972	Terra Quantum AG	2024219510	Theracell, LLC
2024201071	Transportation IP Holdings, LLC	2024219511	THE SCRIPPS RESEARCH INSTITUTE
2024201154	Storz & Bickel GmbH	2024219514	Xactware Solutions, Inc.
2024201157	IHI Corporation	2024219518	Geomni, Inc.
2024201243	CATERPILLAR INC.	2024219519	International Business Machines Corporation
2024201244	CATERPILLAR PAVING PRODUCTS INC.	2024219520	Resolve Therapeutics, LLC
2024201245	Caterpillar Global Mining Equipment LLC	2024219523	Sage Therapeutics, Inc.
2024201295	Intuit Inc.	2024219524	Dolby Laboratories Licensing Corporation
2024201333	Leica Geosystems Technology A/S	2024219525	Edwards Lifesciences Corporation
2024201347	Seminis Vegetable Seeds, Inc.	2024219526	UPL Ltd
2024201380	Aristocrat Technologies Australia Pty Ltd	2024219527	Baxter Corporation Englewood
2024201434	Rose, C.	2024219529	BioMed Valley Discoveries, Inc.
2024201440	Snap-on Incorporated	2024219531	Playable Pty Ltd
2024201478	Mobiltext Data Ltd.	2024219532	ELC Management LLC
2024201603	Zhejiang Orient Gene Biotech Co., Ltd	2024219534	The Institute of Cancer Research: Royal Cancer Hospital; The Royal Marsden NHS Foundation Trust
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2024201644	The Banktech Group Pty Ltd	2024219546	LITTLE GIANT LADDER SYSTEMS, LLC
2024201664	Nunhems B.V.	2024219547	Memorial Sloan-Kettering Cancer Center
2024201666	Nunhems B.V.	2024219548	IGT
2024201676	Nunhems B.V.	2024219549	IGT
2024201678	Stramit Corporation Pty Limited	2024219550	ACCESS TO ADVANCED HEALTH INSTITUTE
2024201698	Accora Limited	2024219552	Memorial Sloan-Kettering Cancer Center
2024201700	Accora Limited	2024219554	Exsomed Corporation
2024201708	Alchin Long Group IP Pty Limited	2024219555	Rite-Hite Holding Corporation
2024201713	Nunhems B.V.	2024219556	eGenesis, Inc.
2024201714	Nunhems B.V.	2024219557	The Chinese University of Hong Kong; Grail, Inc.
2024201715	Nunhems B.V.	2024219559	BGC Partners, Inc.
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2024201727	REPT BATTERO Energy Co., Ltd.; Shanghai Ruipu Energy Co., Ltd.	2024219563	Howmedica Osteonics Corp.
2024201733	Faresin Industries S.p.a.	2024219564	Gilead Sciences, Inc.
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		2024219571	Dental Robotics Group B.V.
		2024219573	SuperCool Asia Pacific Pty Ltd

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2024219581	FISHER & PAYKEL HEALTHCARE LIMITED	2024219686	E2 IP Holding LLC
2024219582	Evolved By Nature, Inc.	2024219687	Astura Medical Inc.
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2024219585	APPLE INC.	2024219691	Sony Group Corporation
2024219586	Boston Scientific Scimed, Inc.	2024219695	ServiceNow, Inc.
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2024219590	ARCULUS HOLDINGS, LLC	2024219702	The Fynder Group, Inc.
2024219592	CommScope Technologies LLC	2024219703	Stryker Corporation
2024219595	Anduril Industries, Inc.	2024219706	Stryker Corporation
2024219598	Ocado Innovation Limited	2024219708	Stryker Corporation
2024219599	Spoke Sciences, Inc.	2024219709	F&P Tech Fitness Limited
2024219603	Applied Medical Resources Corporation	2024219710	IGT
2024219604	Chan, H.; Cheng, S.; MEYER INTELLECTUAL PROP- ERTIES LIMITED	2024219711	Gilead Sciences, Inc.
2024219605	Geomni, Inc.	2024219712	Invitae Corporation
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2024219608	Huawei Technologies Co., Ltd.	2024219716	LUMITHERA, INC.
2024219610	CDRD Ventures Inc.	2024219717	Minerva Neurosciences, Inc.
2024219612	Inno-Sports Co., Ltd	2024219719	Bruin Biometrics LLC
2024219613	Mallinckrodt Pharmaceuticals Ireland Limited	2024219993	TRINA SOLAR CO., LTD.
2024219614	Limacorporate S.p.A.		
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2024219618	Alnylam Pharmaceuticals, Inc.		
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2024219621	Compugen Ltd.		
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2024219624	Unity Biotechnology, Inc.		
2024219625	Joy Global Underground Mining LLC		
2024219626	Dental Robotics Group B.V.		
2024219627	Jemella Limited		
2024219629	The Jackson Laboratory		
2024219630	MVE Biological Solutions US, LLC		
2024219631	Genmab A/S		
2024219632	GI Scientific, LLC		
2024219637	The Council of the Queensland Institute of Medical Re- search		
2024219638	ViaCyte, Inc.		
2024219639	ADS Therapeutics LLC		
2024219640	F. Hoffmann-La Roche AG; ETH Zuerich		
2024219641	Aussie Wine Group Holdings Pty Ltd		
2024219643	Norsk Titanium AS		
2024219644	LG Electronics Inc.		
2024219645	Zoetis Services LLC		
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2024219648	The Board of Trustees of the Leland Stanford Junior University		
2024219650	Allergenis LLC; Icahn School of Medicine at Mount Sinai		
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2024219654	Vaxxas Pty Limited		
2024219656	La Jolla Pharma, LLC		
2024219657	LONE GULL HOLDINGS, LTD.		
2024219659	Komatsu Germany GmbH		
2024219660	Hitachi, Ltd.		
2024219662	Institut National de la Recherche Scientifique		
2024219665	Geovert Ground Engineering Pty Ltd		
2024219669	AXON ENTERPRISE, INC.		
2024219670	Dolby International AB		
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- . (*) Title not in Roman characters
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- (This list may contain multiple listings of a patent where there are multiple patentees for that patent.)

(71) Industrial Adhesives Australasia Pty Ltd
 (11) AU-A-2024100031
 (21) 2024100031 (22) 21.08.2024
 (54) IMPROVED PAPER BASED WIPE PRODUCT
 (51) Int. Cl.
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 A61K 9/70 (2006.01)
 A61K 36/886 (2006.01)
 A61Q 1/14 (2006.01)
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 (45) 03.10.2024
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 (72) Kreinberg, Joanna
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 (11) AU-A-2024100027
 (21) 2024100027 (22) 07.08.2024
 (54) BODY PROCESSING APPARATUS AND METHODS OF USE
 (51) Int. Cl.
 B09B 3/00 (2022.01)
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 C12M 1/00 (2006.01)
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 (62) 2021310689
 (72) BOYLE, Jeffrey Allan
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 C02F 1/32 (2023.01)
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- . (*) Title not in Roman characters
- . (**) Title not given

<p>(71) "BARLINEK" SPÓŁKA AKCYJNA (11) AU-A-2024217893 (21) 2024217893 (22) 25.01.2024 (54) MANUFACTURING METHOD FOR MULTI-LAYER FLOOR PANELS (51) Int. Cl. B27D 1/04 (2006.01) B32B 7/12 (2006.01) B32B 21/04 (2006.01) B32B 21/14 (2006.01) E04F 15/02 (2006.01) (87) WO2024/165937 (31) PL443729 (32) 09.02.23 (33) PL (43) 15.08.2024 (72) ŁASAK, Grzegorz; HOFFMANN, Piotr (74) Madderns Pty Ltd</p>	<p>(31) 63/338,855 (32) 05.05.22 (33) US 63/432,615 14.12.22 US (43) 09.11.2023 (72) SCHECHTER, Ian, Robert; DICKIE, Garth, Allen; EGENOLF, Jonah; ISMAN, Marshall (74) RnB IP Pty Ltd</p>	<p>(71) A-DEC, INC. (11) AU-A-2023235285 (21) 2023235285 (22) 15.03.2023 (54) CHAIR PRESET ICON SYNCHRONIZATION (51) Int. Cl. A61C 1/00 (2006.01) A47C 1/024 (2006.01) A47C 1/032 (2006.01) A47C 7/50 (2006.01) A61G 7/018 (2006.01) A47C 3/20 (2006.01) A61G 7/012 (2006.01) (87) WO2023/178145 (31) 17/697,497 (32) 17.03.22 (33) US (43) 21.09.2023 (72) IRVING, Michael John; ALVAREZ, Jason Joel; FREIER, Daryl Wayne; MCCLELLAND, Scott Andrew; NELSON, Bradley Jamin; PETERSON, Brett Douglas (74) James & Wells Intellectual Property</p>
<p>(71) AAK AB (PUBL) (11) AU-A-2023248270 (21) 2023248270 (22) 04.04.2023 (54) A FAT COMPOSITION COMPRISING A VEGETABLE FAT PHASE WHICH IS FREE FROM PALM OIL AND/OR FRACTIONS THEREOF (51) Int. Cl. A23D 9/00 (2006.01) A23G 1/00 (2006.01) A23G 1/36 (2006.01) A23G 1/38 (2006.01) A23G 3/40 (2006.01) (87) WO2023/195896 (31) 2250440-1 (32) 07.04.22 (33) SE (43) 12.10.2023 (72) ANDERSEN, Morten Daugaard (74) Griffith Hack</p>	<p>(71) ABIOMED, INC. (11) AU-A-2023234429 (21) 2023234429 (22) 17.03.2023 (54) BLOOD PUMP BLOOD COMPATIBILITY DEVICE (51) Int. Cl. A61M 60/531 (2021.01) A61B 5/15 (2006.01) A61M 60/523 (2021.01) G01N 33/49 (2006.01) (87) WO2023/177834 (31) 63/321,437 (32) 18.03.22 (33) US (43) 21.09.2023 (72) CURRAN, Jerald; KIM, Jin, Kwang; MORETZ, Jeremy; MOURRAN, Claudia (74) Davies Collison Cave Pty Ltd</p>	<p>(71) ADEKA CORPORATION; NIHON NO-HYAKU CO., LTD. (11) AU-A-2023232657 (21) 2023232657 (22) 07.03.2023 (54) PIPERIDINONE DERIVATIVE OR SALT THEREOF, HARMFUL ORGANISM CONTROL AGENT CONTAINING SAID COMPOUND, AND METHOD FOR USING SAME (51) Int. Cl. C07D 211/90 (2006.01) A01N 43/40 (2006.01) A01N 43/42 (2006.01) A01N 43/54 (2006.01) A01N 43/56 (2006.01) A01N 43/58 (2006.01) A01N 43/60 (2006.01) A01N 43/647 (2006.01) A01N 43/713 (2006.01) A01N 43/76 (2006.01) A01N 43/78 (2006.01) A01N 43/80 (2006.01) A01N 43/84 (2006.01) A01N 43/90 (2006.01) A01N 47/02 (2006.01) A01N 47/38 (2006.01) A01P 5/00 (2006.01) A01P 7/04 (2006.01) A61K 31/4412 (2006.01) A61K 31/443 (2006.01) A61K 31/4439 (2006.01) A61K 31/444 (2006.01) A61K 31/497 (2006.01) A61K 31/498 (2006.01) A61K 31/501 (2006.01) A61K 31/5355 (2006.01) A61K 31/5377 (2006.01) A61P 33/00 (2006.01)</p>
<p>(71) AAK AB (PUBL) (11) AU-A-2023249018 (21) 2023249018 (22) 04.04.2023 (54) A FAT COMPOSITION COMPRISING A VEGETABLE FAT PHASE WHICH IS FREE FROM PALM OIL AND/OR FRACTIONS THEREOF (51) Int. Cl. A23G 1/38 (2006.01) (87) WO2023/195899 (31) 2250442-7 (32) 07.04.22 (33) SE (43) 12.10.2023 (72) ANDERSEN, Morten Daugaard (74) Griffith Hack</p>	<p>(71) ACM BIOLABS PTE LTD (11) AU-A-2023226175 (21) 2023226175 (22) 23.02.2023 (54) POLYMER-LIPID HYBRID NANOPARTICLES COMPRISING A LIPID AND A BLOCK COPOLYMER AS WELL AS METHODS OF MAKING AND USES THEREOF (51) Int. Cl. A61K 9/51 (2006.01) (87) WO2023/161378 (31) 22158324.8 (32) 23.02.22 (33) EP (43) 31.08.2023 (72) NALLANI, Madhavan; CHIA, Teck Wan; LIU, Shaoqiong; SINSINBAR, Gaurav; LAM, Jian Hang (74) Oxygene IP</p>	<p>(71) ADC THERAPEUTICS SA (11) AU-A-2023223557 (21) 2023223557 (22) 22.02.2023 (54) CONJUGATION METHOD INVOLVING A TRANSGLUTAMINASE AT THE FC REGION COMPRISING A TRIMMED N-GLYCAN (51) Int. Cl. A61K 47/68 (2017.01) C12P 13/14 (2006.01) (87) WO2023/161296 (31) 22158087.1 (32) 22.02.22 (33) EP 22182782.7 04.07.22 EP (43) 31.08.2023 (72) BIRD, Matthew; VAN BERKEL, Patri-cius Hendrikus Cornelis (74) Madderns Pty Ltd</p>
<p>(71) AB INITIO TECHNOLOGY LLC (11) AU-A-2023265391 (21) 2023265391 (22) 24.02.2023 (54) DATAFLOW GRAPH DATASETS (51) Int. Cl. G06F 8/34 (2018.01) G06F 8/36 (2018.01) (87) WO2023/215028</p>	<p>(71) ADC THERAPEUTICS SA (11) AU-A-2023223557 (21) 2023223557 (22) 22.02.2023 (54) CONJUGATION METHOD INVOLVING A TRANSGLUTAMINASE AT THE FC REGION COMPRISING A TRIMMED N-GLYCAN (51) Int. Cl. A61K 47/68 (2017.01) C12P 13/14 (2006.01) (87) WO2023/161296 (31) 22158087.1 (32) 22.02.22 (33) EP 22182782.7 04.07.22 EP (43) 31.08.2023 (72) BIRD, Matthew; VAN BERKEL, Patri-cius Hendrikus Cornelis (74) Madderns Pty Ltd</p>	<p>(71) ADC THERAPEUTICS SA (11) AU-A-2023223557 (21) 2023223557 (22) 22.02.2023 (54) CONJUGATION METHOD INVOLVING A TRANSGLUTAMINASE AT THE FC REGION COMPRISING A TRIMMED N-GLYCAN (51) Int. Cl. A61K 47/68 (2017.01) C12P 13/14 (2006.01) (87) WO2023/161296 (31) 22158087.1 (32) 22.02.22 (33) EP 22182782.7 04.07.22 EP (43) 31.08.2023 (72) BIRD, Matthew; VAN BERKEL, Patri-cius Hendrikus Cornelis (74) Madderns Pty Ltd</p>

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

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C07D 401/06 (2006.01)
C07D 405/12 (2006.01)
C07D 413/06 (2006.01)
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(87) WO2023/171665
(31) 2022-036205 **(32)** 09.03.22 **(33)** JP
(43) 14.09.2023
(72) YORIFUJI, Nobuyuki; YAMADA, Takayuki; TANAKA, Ryosuke; YOKOI, Taiki; SUGIHARA, Kousuke; HARA, Kenji; MASUDA, Tsuyoshi
(74) Griffith Hack

(71) ADRENALINEIP
(11) AU-A-2023228658
(21) 2023228658 **(22)** 01.03.2023
(54) AI WAGER ODDS ADJUSTER
(51) Int. Cl.
G07F 17/32 (2006.01)
G06N 20/00 (2019.01)
G06Q 50/34 (2012.01)
(87) WO2023/168236
(31) 17/683,793 **(32)** 01.03.22 **(33)** US
(43) 07.09.2023
(72) HUKU, Casey, Alexander; CRONIN, John; BODKIN, Joseph; GRANT, Harrison
(74) Michael Buck IP

(71) AEROFIL FILTERS INDIA PRIVATE LIMITED
(11) AU-A-2023237869
(21) 2023237869 **(22)** 19.03.2023
(54) MINI-PLEAT V CELL FILTER
(51) Int. Cl.
B01D 46/00 (2022.01)
B01D 46/121 (2022.01)
B01D 46/52 (2006.01)
(87) WO2023/181061
(31) 202241015117 **(32)** 19.03.22 **(33)** IN
(43) 28.09.2023
(72) PULIPARA DAMODARAN, Santhosh Kumar
(74) James & Wells Intellectual Property

(71) ALCON INC.
(11) AU-A-2023337098
(21) 2023337098 **(22)** 07.09.2023
(54) AQUEOUS PHARMACEUTICAL COMPOSITIONS COMPRISING BENZYL ATROPINE AND USES THEREOF
(51) Int. Cl.
A61K 9/00 (2006.01)
A61K 9/08 (2006.01)
A61K 31/46 (2006.01)
A61K 47/02 (2006.01)
A61K 47/10 (2017.01)
A61K 47/44 (2017.01)
C07C 15/00 (2006.01)
(87) WO2024/052863
(31) 63/375,236 **(32)** 11.09.22 **(33)** US
(43) 14.03.2024
(72) KETELSON, Howard Allen; RANGARAJAN, Rekha
(74) Davies Collison Cave Pty Ltd

(71) ALETHA INC.
(11) AU-A-2023254256
(21) 2023254256 **(22)** 14.04.2023
(54) PRESSURE RELEASE AND MASSAGE TOOL
(51) Int. Cl.
A61H 39/04 (2006.01)
A61H 7/00 (2006.01)
A61H 37/00 (2006.01)
(87) WO2023/201331
(31) 63/363,085 **(32)** 15.04.22 **(33)** US
(43) 19.10.2023
(72) KOTH, Christine Annette
(74) PHILLIPS ORMONDE FITZPATRICK

(71) ALIGOS THERAPEUTICS, INC.
(11) AU-A-2023236560
(21) 2023236560 **(22)** 16.03.2023
(54) MODIFIED GAPMER OLIGOMERS AND METHODS OF USE THEREOF
(51) Int. Cl.
C12N 15/113 (2010.01)
A61K 31/7115 (2006.01)
A61K 31/712 (2006.01)
(87) WO2023/177808
(31) 63/321,019 **(32)** 17.03.22 **(33)** US
(43) 21.09.2023
(72) BEIGELMAN, Leonid; RAJWANSHI, Vivek Kumar; ELTEPU, Laxman; MONTERO, Saul Martinez; HONG, Jin
(74) Spruson & Ferguson

(71) ALLEN INSTITUTE
(11) AU-A-2023226080
(21) 2023226080 **(22)** 24.02.2023
(54) ARTIFICIAL EXPRESSION CONSTRUCTS FOR MODULATING GENE EXPRESSION IN DOPAMINERGIC NEURONS
(51) Int. Cl.
C12N 15/79 (2006.01)
(87) WO2023/164643
(31) 63/313,653 **(32)** 24.02.22 **(33)** US
(43) 31.08.2023
(72) DAIGLE, Tanya; LEIN, Edward Sebastian; LEVI, Boaz P.; TASIC, Bosiljka; TING, Jonathan; ZENG, Hongkui
(74) Griffith Hack

(71) ALLYX THERAPEUTICS, INC.; YALE UNIVERSITY
(11) AU-A-2023238896
(21) 2023238896 **(22)** 22.03.2023
(54) MGLUR5 MODULATING COMPOUNDS, COMPOSITIONS, AND METHODS OF USE
(51) Int. Cl.
A61K 31/44 (2006.01)
A61K 31/395 (2006.01)
A61K 31/42 (2006.01)
A61K 31/33 (2006.01)
(87) WO2023/183428
(31) 63/322,446 **(32)** 22.03.22 **(33)** US
(43) 28.09.2023
(72) SIEGERT, Timothy, Ryan; STRITTMATTER, Stephen; SCARAVELLI, Federico; CORÁ, Camilla
(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) AMESPMTECH CENTER; INNOVATIVE MINDS S.L
(11) AU-A-2023228073
(21) 2023228073 **(22)** 03.03.2023
(54) APPARATUS AND METHOD FOR REMOVAL OF BIOFILM FROM METALLIC DEVICES
(51) Int. Cl.
A61L 2/03 (2006.01)
(87) WO2023/166216
(31) 22382204.0 **(32)** 04.03.22 **(33)** EP
(43) 07.09.2023
(72) FONT VIZCARRA, Lluís; BERMÚDEZ CASTEL, Adrián; CALERO MARTÍNEZ, Jose Antonio
(74) Spruson & Ferguson

(71) AMETRINE TECHNOLOGIES LTD.
(11) AU-A-2023237861
(21) 2023237861 **(22)** 01.02.2023
(54) MODULAR CAMOUFLAGE SYSTEM AND USES THEREOF
(51) Int. Cl.
F41H 3/02 (2006.01)
F41H 3/00 (2006.01)
(87) WO2023/181016
(31) 291528 **(32)** 20.03.22 **(33)** IL
(43) 28.09.2023
(72) MORAG, Elad; KAPLAN, Uria
(74) Collison & Co

(71) AMETRINE TECHNOLOGIES LTD.
(11) AU-A-2023239077
(21) 2023239077 **(22)** 01.02.2023
(54) CAMOUFLAGE EXTERNAL COATING
(51) Int. Cl.
F41H 3/00 (2006.01)
(87) WO2023/181017
(31) 291529 **(32)** 20.03.22 **(33)** IL
(43) 28.09.2023
(72) MORAG, Elad; KAPLAN, Uria
(74) Collison & Co

(71) ANAGENEX, INC.
(11) AU-A-2023236708
(21) 2023236708 **(22)** 15.03.2023
(54) DIRECTED EVOLUTION OF MOLECULES BY ITERATIVE EXPERIMENTATION AND MACHINE LEARNING
(51) Int. Cl.
G16B 15/30 (2019.01)
G16B 35/00 (2019.01)
G16B 40/20 (2019.01)
(87) WO2023/178118
(31) 63/320,137 **(32)** 15.03.22 **(33)** US
(43) 21.09.2023
(72) BELYANSKAYA, Svetlana; BINDER, Polina; FRANKLIN, George, Joseph; GRADY, LaShadric, Cederious; LAWLER, Meghan, F.; PALACCI, Henri; TILMANS, Nicolas; LEELANANDA, Sumudu, Pamoda
(74) Spruson & Ferguson

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

- (71) ANHUI LVWO RECYCLING ENERGY TECHNOLOGY CO., LTD.
 (11) AU-A-2023229571
 (21) 2023229571 (22) 20.06.2023
 (54) DUST COLLECTION DEVICE FOR RETIRED BATTERY
 (51) Int. Cl.
H01M 50/00 (2021.01)
 (31) 202310256170.5 (32) 16.03.23 (33) CN
 (43) 03.10.2024
 (72) HU, Tianwen; LI, Cheng; LI, Jinlin
 (74) Adams Pluck
-
- (71) ANOKION SA
 (11) AU-A-2023221843
 (21) 2023221843 (22) 16.02.2023
 (54) ANTI-ASGR1 POLYPEPTIDES AND METHODS OF USE FOR IMMUNE TOLERANCE
 (51) Int. Cl.
C07K 16/28 (2006.01)
A61K 47/68 (2017.01)
 (87) WO2023/159140
 (31) 63/268,183 (32) 17.02.22 (33) US
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 (43) 24.08.2023
 (72) KONTOS, Stephan; CONLEY, Gregory Paul; WASSAF, Dina Sami; GOLDSTEIN, Rebecca Ilene; SILVERMAN, Julie Michelle; NIELSON, Nels Peter, II; PAULI, Noel Thomas
 (74) Griffith Hack
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- (71) AOA DX
 (11) AU-A-2023249525
 (21) 2023249525 (22) 04.04.2023
 (54) MASS SPECTROMETRY METHODS FOR CANCER DIAGNOSIS
 (51) Int. Cl.
A61K 39/00 (2006.01)
A61P 35/00 (2006.01)
A61P 37/04 (2006.01)
 (87) WO2023/196789
 (31) 63/326,974 (32) 04.04.22 (33) US
 (43) 12.10.2023
 (72) SARAGOVI, Horacio, U.
 (74) PHILLIPS ORMONDE FITZPATRICK
-
- (71) AQUALUNG CORPORATE
 (11) AU-A-2023230071
 (21) 2023230071 (22) 27.01.2023
 (54) CURVED LENSES FOR UNDERWATER VISION HAVING VARIED THICKNESS
 (51) Int. Cl.
A63B 33/00 (2006.01)
B63C 11/12 (2006.01)
G02C 7/02 (2006.01)
 (87) WO2023/169738
 (31) FR2202060 (32) 09.03.22 (33) FR
 (43) 14.09.2023
 (72) BOSIO, Mirko; GREGORI, Fabrice
 (74) Denneweyer & Associates
-
- (71) ARCOLOGY INC. dba BIOSPHERE
 (11) AU-A-2023248911
 (21) 2023248911 (22) 15.03.2023
 (54) BIOREACTORS CONFIGURED FOR UV STERILIZATION, AND METHODS OF USING UV STERILIZATION IN BIOPROCESSES
 (51) Int. Cl.
C12M 1/12 (2006.01)
A61L 2/10 (2006.01)
C12M 1/04 (2006.01)
 (87) WO2023/196089
 (31) 63/327,258 (32) 04.04.22 (33) US
 18/121,153 14.03.23 US
 (43) 12.10.2023
 (72) HELIGMAN, Brian
 (74) FPA Patent Attorneys Pty Ltd
-
- (71) AUGMEDICS, INC.
 (11) AU-A-2023225951
 (21) 2023225951 (22) 22.02.2023
 (54) SYSTEMS, DEVICES, AND METHODS FOR SPINE ANALYSIS
 (51) Int. Cl.
G06T 7/00 (2017.01)
A61B 5/00 (2006.01)
G06T 7/11 (2017.01)
G06T 7/62 (2017.01)
 (87) WO2023/164497
 (31) 63/312,678 (32) 22.02.22 (33) US
 (43) 31.08.2023
 (72) GAWEŁ, Dominik
 (74) FB Rice Pty Ltd
-
- (71) AURORA SOLAR INC.
 (11) AU-A-2023240957
 (21) 2023240957 (22) 20.03.2023
 (54) AUTOMATED THREE-DIMENSIONAL BUILDING MODEL ESTIMATION
 (51) Int. Cl.
G06T 17/05 (2011.01)
G06N 3/08 (2023.01)
G06T 7/12 (2017.01)
G06T 7/70 (2017.01)
G06T 17/20 (2006.01)
G06V 20/64 (2022.01)
G06F 30/13 (2020.01)
G06T 7/564 (2017.01)
G06V 20/13 (2022.01)
 (87) WO2023/183248
 (31) 17/702,723 (32) 23.03.22 (33) US
 (43) 28.09.2023
 (72) STEVENS, Matthew John; MA, Haoxin; SIEGELMAN, Maxwell; LUO, Adriel Anhao
 (74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd
-
- (71) AVIAGAMES, INC.
 (11) AU-A-2023235297
 (21) 2023235297 (22) 15.03.2023
 (54) AUTOMATED COMPUTER GAME APPLICATION CLASSIFICATION BASED ON A MIXED EFFECTS MODEL
 (51) Int. Cl.
G06F 16/35 (2019.01)
G06F 16/22 (2019.01)
G06F 16/28 (2019.01)
G06N 20/00 (2019.01)
G06F 16/33 (2019.01)
G06F 30/27 (2020.01)
 (87) WO2023/178205
 (31) 63/269,466 (32) 16.03.22 (33) US
 (43) 21.09.2023
 (72) ZHUANG, Genghong; LIN, Yexu; ZHAO, Zhigen
 (74) FPA Patent Attorneys Pty Ltd
-
- (71) AXENS
 (11) AU-A-2023249904
 (21) 2023249904 (22) 04.04.2023
 (54) RENEWABLE KEROSENE FUEL HAVING EXCELLENT PROPERTIES AT LOW TEMPERATURES
 (51) Int. Cl.
C10L 1/08 (2006.01)
C10G 50/00 (2006.01)
C10G 69/12 (2006.01)
C10L 1/04 (2006.01)
 (87) WO2023/194338
 (31) FR2203113 (32) 05.04.22 (33) FR
 (43) 12.10.2023
 (72) GEORG, Pierre-Antoine
 (74) Griffith Hack
-
- (71) AXENS
 (11) AU-A-2023251159
 (21) 2023251159 (22) 04.04.2023
 (54) IMPROVED PROCESS FOR PRODUCING MIDDLE DISTILLATES BY OLIGOMERISATION OF AN OLEFINIC FEEDSTOCK
 (51) Int. Cl.
C10G 50/00 (2006.01)
C10G 45/36 (2006.01)
C10G 45/40 (2006.01)
C10G 69/12 (2006.01)
 (87) WO2023/194337
 (31) FR2203112 (32) 05.04.22 (33) FR
 (43) 12.10.2023
 (72) GEORG, Pierre-Antoine
 (74) Griffith Hack
-
- (71) AYM SYNTEX LTD
 (11) AU-A-2023257740
 (21) 2023257740 (22) 18.04.2023
 (54) HIGH BULK YARN AND METHOD OF MANUFACTURING THEREOF
 (51) Int. Cl.
D02G 3/24 (2006.01)
D01D 5/22 (2006.01)
D01D 10/02 (2006.01)
D02G 1/20 (2006.01)
D02G 3/44 (2006.01)
 (87) WO2023/203482
 (31) 202221023066 (32) 19.04.22 (33) IN
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 (43) 26.10.2023
 (72) MANDAWEWALA, Abhishek
 (74) Abhishek Rajesh Mandawewala
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- (71) BAE SYSTEMS PLC
 (11) AU-A-2023238423
 (21) 2023238423 (22) 10.03.2023
 (54) A METHOD OF PRODUCING EXPLOSIVE HMX BY FLOW SYNTHESIS

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

- (51) Int. Cl.
C07D 257/02 (2006.01)
B01J 19/00 (2006.01)
C06B 21/00 (2006.01)
- (87) WO2023/180688
- (31) 2203917.6 (32) 21.03.22 (33) GB
(43) 28.09.2023
- (72) DIDSBURY, Matthew Paul; MCWHIR, Niall John; JUBB, Daniel; KENNEDY, Stuart; KENNEDY, Nicola; JONES, Christopher; MURRAY, Ian Ewart Paterson
- (74) Spruson & Ferguson
-
- (71) BAKER HUGHES OILFIELD OPERATIONS LLC
- (11) AU-A-2023238668
(21) 2023238668 (22) 17.03.2023
- (54) METHOD AND SYSTEM FOR MANUFACTURING NANOPOROUS STRUCTURES ON A SUBSTRATE
- (51) Int. Cl.
C23C 18/12 (2006.01)
B82Y 40/00 (2011.01)
- (87) WO2023/183197
- (31) 17/702,337 (32) 23.03.22 (33) US
(43) 28.09.2023
- (72) CRUZ, Alexander John; SAKTHIVEL, Navin
- (74) Patent Attorney Services
-
- (71) BAUSCH + LOMB IRELAND LIMITED; IVRI, Y.
- (11) AU-A-2023240412
(21) 2023240412 (22) 24.03.2023
- (54) MEMBRANE ACTUATED HYDRODYNAMIC DISPENSING SYSTEM
- (51) Int. Cl.
A61F 9/00 (2006.01)
F16F 9/32 (2006.01)
- (87) WO2023/183917
- (31) 63/323,859 (32) 25.03.22 (33) US
(43) 28.09.2023
- (72) IVRI, Yehuda; QUINTANA, Reynaldo
- (74) Davies Collison Cave Pty Ltd
-
- (71) BAYER HEALTHCARE LLC
- (11) AU-A-2023260438
(21) 2023260438 (22) 27.04.2023
- (54) SYSTEM, METHOD, AND COMPUTER PROGRAM PRODUCT FOR IMPLEMENTING A REMOTE CONSOLE FOR USE IN DIAGNOSTIC IMAGING PROCEDURES
- (51) Int. Cl.
G16H 20/17 (2018.01)
G16H 30/20 (2018.01)
G16H 40/60 (2018.01)
G16H 40/67 (2018.01)
- (87) WO2023/212186
- (31) 63/336,512 (32) 29.04.22 (33) US
(43) 02.11.2023
- (72) SHRIRAM, Sri; GRIFFITHS, David; STANDISH, Sharon; HOENER, Joanne; UBER III, Arthur; VAN ROOSMALEN, Linda; STRASDAS, Kai; SKIRBLE, Barry; JOST, Gregor; HUBERTUS, Pietsch
- (74) Davies Collison Cave Pty Ltd
-
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G16H 30/20 (2018.01)
G16H 40/63 (2018.01)
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G01N 15/14 (2006.01)
G01J 3/02 (2006.01)
G02B 27/10 (2006.01)
H04J 14/02 (2006.01)
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H02G 3/22 (2006.01)
F16L 5/10 (2006.01)
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G01S 7/481 (2006.01)
G01S 17/06 (2006.01)
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G06F 18/22 (2023.01)
G06N 3/08 (2023.01)
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G06T 7/70 (2017.01)
G06T 17/05 (2011.01)
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B29C 73/02 (2006.01)
C08J 7/04 (2020.01)
C08J 7/043 (2020.01)
C08L 75/04 (2006.01)
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 B32B 7/022 (2019.01)
 B32B 23/06 (2006.01)
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 D21J 3/00 (2006.01)
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 A61B 5/377 (2021.01)
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 G06F 40/40 (2020.01)
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 A63B 22/00 (2006.01)
 A63B 17/04 (2006.01)
 A63B 21/00 (2006.01)
 A63B 21/02 (2006.01)
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G21B 1/11 (2006.01)
H02S 10/30 (2014.01)
H05H 1/48 (2006.01)
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C07D 519/00 (2006.01)
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A61P 29/00 (2006.01)
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F21V 33/00 (2006.01)
E04F 15/12 (2006.01)
F21S 4/24 (2016.01)
F21S 8/02 (2006.01)
F21V 15/01 (2006.01)
H02G 3/04 (2006.01)
H02G 3/18 (2006.01)
H02G 3/38 (2006.01)
F21W 111/02 (2006.01)
F21W 131/103 (2006.01)
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A43B 7/1468 (2022.01)
A43B 7/16 (2006.01)
A43B 7/24 (2006.01)
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A61F 5/01 (2006.01)
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 TAPPING HEAD
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B66F 9/06 (2006.01)
B66F 9/075 (2006.01)
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B65G 15/62 (2006.01)
B65G 19/28 (2006.01)
B65G 21/06 (2006.01)
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A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
C07K 16/46 (2006.01)
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A61B 5/03 (2006.01)
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A23L 33/105 (2016.01)
A23L 33/15 (2016.01)
A23L 33/16 (2016.01)
A61K 31/132 (2006.01)
A61P 5/24 (2006.01)
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 INSTITUTE; CHINA SHENHUA COAL
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 (54) RECYCLED HYDROGEN-DONOR
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 (51) Int. Cl.

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B01J 31/22 (2006.01)
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(51) Int. Cl.
B03D 1/14 (2006.01)
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B03B 9/00 (2006.01)
B03D 1/02 (2006.01)
B07C 5/34 (2006.01)
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B03B 7/00 (2006.01)
B02C 21/00 (2006.01)
B03B 9/00 (2006.01)
B03D 1/02 (2006.01)
B03D 1/14 (2006.01)
B04C 9/00 (2006.01)
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B03D 103/08 (2006.01)
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A01N 63/22 (2020.01)
A01N 37/46 (2006.01)
C12N 1/20 (2006.01)
C12R 1/07 (2006.01)
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B32B 27/10 (2006.01)
B32B 7/022 (2019.01)
B32B 27/18 (2006.01)
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B62D 35/00 (2006.01)
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B62D 35/00 (2006.01)
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(51) Int. Cl.
B62D 35/00 (2006.01)
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B62D 35/00 (2006.01)
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H01R 13/59 (2006.01)
G02B 6/38 (2006.01)
H01R 9/03 (2006.01)
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H01R 13/629 (2006.01)
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 (74) Dentons Patent Attorneys Australasia Limited
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D06M 13/332 (2006.01)
A01N 33/04 (2006.01)
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C12N 15/113 (2010.01)
A61K 31/712 (2006.01)
A61K 31/7125 (2006.01)
A61K 31/713 (2006.01)
A61K 47/26 (2006.01)
A61K 47/54 (2017.01)
A61K 48/00 (2006.01)
A61P 7/02 (2006.01)
A61P 43/00 (2006.01)
C07H 21/04 (2006.01)
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A61K 45/06 (2006.01)
A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
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A61K 31/568 (2006.01)
A61P 3/06 (2006.01)
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A61P 35/00 (2006.01)
C07D 271/06 (2006.01)
C07D 307/81 (2006.01)
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B05B 1/08 (2006.01)
B08B 3/00 (2006.01)
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A61B 5/0537 (2021.01)
A61B 5/0538 (2021.01)
A61B 5/145 (2006.01)
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C12P 21/08 (2006.01)
C07K 1/18 (2006.01)
C07K 16/28 (2006.01)
C12N 9/24 (2006.01)
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A61B 5/145 (2006.01)
A61B 5/00 (2006.01)
A61B 5/1486 (2006.01)
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A61C 7/08 (2006.01)
G06N 3/02 (2006.01)
G06V 10/70 (2022.01)
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A61K 8/11 (2006.01)
A61K 8/14 (2006.01)
A61K 8/55 (2006.01)
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A61Q 17/04 (2006.01)
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A45D 29/04 (2006.01)
A46B 5/00 (2006.01)
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A61H 19/00 (2006.01)
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B67D 7/32 (2010.01)
B67D 7/44 (2010.01)
B67D 7/52 (2010.01)
- (87) WO2023/208700
(31) 22170947.0 (32) 29.04.22 (33) EP
(43) 02.11.2023
- (72) SCHULZ-HILDEBRANDT, Lasse; FEDDE, Matthias
- (74) Caska Intellectual Property Pty Ltd
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- (71) ELEMENT BIOSCIENCES, INC.
(11) AU-A-2023228709
(21) 2023228709 (22) 03.03.2023
(54) DOUBLE-STRANDED SPLINT ADAPTORS AND METHODS OF USE
- (51) Int. Cl.
C12Q 1/6855 (2018.01)
- (87) WO2023/168443
(31) 63/316,784 (32) 04.03.22 (33) US
17725,065 20.04.22 US
(43) 07.09.2023
- (72) LIGHT, William; SNOW, Samantha; ZHAO, Junhua
- (74) Spruson & Ferguson

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- (71) ELEMENT BIOSCIENCES, INC.
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 (21) 2023229094 (22) 03.03.2023
 (54) SINGLE-STRANDED SPLINT STRANDS AND METHODS OF USE
 (51) Int. Cl.
 C12Q 1/6806 (2018.01)
 C12Q 1/6869 (2018.01)
 (87) WO2023/168444
 (31) 63/316,790 (32) 04.03.22 (33) US
 17/725,042 20.04.22 US
 (43) 07.09.2023
 (72) LIGHT, William; KELLEY, Ryan; ZHAO, Junhua
 (74) Spruson & Ferguson
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- (71) ELPISCIENCE BIOPHARMA, LTD.; ELPISCIENCE (SUZHOU) BIOPHARMA, LTD.
 (11) AU-A-2023232876
 (21) 2023232876 (22) 10.03.2023
 (54) MODIFIED ANTIBODIES AND USES THEREOF
 (51) Int. Cl.
 C07K 16/46 (2006.01)
 C07K 16/00 (2006.01)
 (87) WO2023/169559
 (31) PCT/ CN2022/080398 (32) 11.03.22 (33) CN
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 (43) 14.09.2023
 (72) WANG, Shanshan; ZHAO, Jinfeng; XU, Xiang; WU, Zhihao; SUN, Dawei; LU, Hongtao
 (74) Eagar & Associates Pty Ltd
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- (71) ELYSIS LIMITED PARTNERSHIP
 (11) AU-A-2023249439
 (21) 2023249439 (22) 05.04.2023
 (54) MEASURING TEMPERATURE OF AN ELECTROLYTIC BATH
 (51) Int. Cl.
 G01K 1/10 (2006.01)
 C25C 3/20 (2006.01)
 C25C 7/06 (2006.01)
 G01K 7/02 (2021.01)
 (87) WO2023/193099
 (31) 63/328,111 (32) 06.04.22 (33) US
 (43) 12.10.2023
 (72) D'ASTOLFO, Leroy; PRINCE, David; CHAUDHARY, Rajneesh; FINDLEY, Nick
 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) ENAEX SERVICIOS SA; ENAEX SA
 (11) AU-A-2022448528
 (21) 2022448528 (22) 25.03.2022
 (54) NEW TECHNOLOGY FOR MANUFACTURING LOW VISCOSITY EMULSIONS
 (51) Int. Cl.
 C06B 21/00 (2006.01)
 C06B 31/02 (2006.01)
 C06B 31/28 (2006.01)
 C06B 45/00 (2006.01)
 (87) WO2023/178457
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- (43) 28.09.2023
 (72) CONTRERAS OTEY, Jose Antonio; NUÑEZ CAMUS, Eduardo Antonio
 (74) James & Wells Intellectual Property
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- (71) ENERGY VAULT, INC.
 (11) AU-A-2023234203
 (21) 2023234203 (22) 06.02.2023
 (54) EXTERNAL PRESSURE FLUID RESERVOIR FOR STORING ENERGY
 (51) Int. Cl.
 F17C 1/00 (2006.01)
 F03B 13/06 (2006.01)
 F28D 20/00 (2006.01)
 (87) WO2023/173234
 (31) CH000298/2022 (32) 18.03.22 (33) CH
 (43) 21.09.2023
 (72) PEDRETTI-RODI, Mauro
 (74) FB Rice Pty Ltd
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- (71) ENTERA BIO LTD.
 (11) AU-A-2023225231
 (21) 2023225231 (22) 23.02.2023
 (54) FORMULATIONS COMPRISING ACID-NEUTRALIZING POLYMER FOR ORAL ADMINISTRATION OF GLUCAGON-LIKE PEPTIDE-2
 (51) Int. Cl.
 A61K 38/26 (2006.01)
 A61K 9/00 (2006.01)
 A61K 9/20 (2006.01)
 A61K 38/00 (2006.01)
 A61K 47/12 (2006.01)
 A61K 47/36 (2006.01)
 A61K 47/38 (2006.01)
 A61P 1/00 (2006.01)
 (87) WO2023/161937
 (31) 63/313,361 (32) 24.02.22 (33) US
 (43) 31.08.2023
 (72) BURSHTEIN, Gregory; ITIN, Constantin; GALITZER, Hillel; SCHWARTZ, Phillip M.
 (74) Cooper IP Pty Ltd
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- (71) ENTERA BIO LTD.
 (11) AU-A-2023226092
 (21) 2023226092 (22) 23.02.2023
 (54) FORMULATIONS COMPRISING ACID-NEUTRALIZING POLYMER FOR ORAL ADMINISTRATION OF PARATHYROID HORMONE
 (51) Int. Cl.
 A61K 38/29 (2006.01)
 A61K 9/00 (2006.01)
 A61K 9/20 (2006.01)
 A61K 47/12 (2006.01)
 A61K 47/36 (2006.01)
 A61K 47/38 (2006.01)
 A61P 5/18 (2006.01)
 A61P 19/00 (2006.01)
 A61P 19/10 (2006.01)
 (87) WO2023/161933
 (31) 63/313,367 (32) 24.02.22 (33) US
 (43) 31.08.2023
 (72) BURSHTEIN, Gregory; ITIN, Constantin; GALITZER, Hillel; SCHWARTZ, Phillip M.
 (74) Cooper IP Pty Ltd
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- (71) ENTERA BIO LTD.
 (11) AU-A-2023226618
 (21) 2023226618 (22) 23.02.2023
 (54) FORMULATIONS COMPRISING ACID-NEUTRALIZING POLYMER FOR ORAL ADMINISTRATION OF ACTIVE AGENTS
 (51) Int. Cl.
 A61K 38/00 (2006.01)
 A61K 9/00 (2006.01)
 A61K 9/20 (2006.01)
 A61K 38/29 (2006.01)
 A61K 39/00 (2006.01)
 A61K 47/12 (2006.01)
 A61K 47/36 (2006.01)
 A61K 47/38 (2006.01)
 A61P 5/00 (2006.01)
 A61P 43/00 (2006.01)
 (87) WO2023/161934
 (31) 63/313,363 (32) 24.02.22 (33) US
 (43) 31.08.2023
 (72) BURSHTEIN, Gregory; ITIN, Constantin; GALITZER, Hillel; SCHWARTZ, Phillip M.
 (74) Cooper IP Pty Ltd
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- (71) ENTERA BIO LTD.
 (11) AU-A-2023226619
 (21) 2023226619 (22) 23.02.2023
 (54) FORMULATIONS COMPRISING ACID-NEUTRALIZING POLYMER FOR ORAL ADMINISTRATION OF GLUCAGON-LIKE PEPTIDE-1 AND ANALOGS THEREOF
 (51) Int. Cl.
 A61K 38/26 (2006.01)
 A61K 9/00 (2006.01)
 A61K 9/20 (2006.01)
 A61K 38/00 (2006.01)
 A61K 47/12 (2006.01)
 A61K 47/36 (2006.01)
 A61K 47/38 (2006.01)
 A61P 3/10 (2006.01)
 (87) WO2023/161939
 (31) 63/313,365 (32) 24.02.22 (33) US
 (43) 31.08.2023
 (72) BURSHTEIN, Gregory; ITIN, Constantin; GALITZER, Hillel; SCHWARTZ, Phillip M.
 (74) Cooper IP Pty Ltd
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- (71) ENZA ZADEN BEHEER B.V.
 (11) AU-A-2022447141
 (21) 2022447141 (22) 16.03.2022
 (54) SPINACH PLANT RESISTANT TO DOWNY MILDEW AND NOVEL RESISTANCE GENE
 (51) Int. Cl.
 A01H 5/12 (2018.01)
 A01H 1/00 (2006.01)
 A01H 6/02 (2018.01)
 C07K 14/415 (2006.01)
 C12N 9/22 (2006.01)
 C12N 15/82 (2006.01)
 (87) WO2023/174527
 (43) 21.09.2023
 (72) SUIDGEEST, Faira; DEKKER, Annabel Marijke; DIJKSTRA, Jan Ane;

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VAN SELLING, Trinette; SCHOINA, Charikleia
(74) Golja Haines & Friend

(71) EPAZZ, INC.
(11) AU-A-2023245644
(21) 2023245644 (22) 23.03.2023
(54) DRONE WITH EXTENDABLE AND ROTATABLE WINGS AND MULTIPLE ACCESSORY SECURING PANEL
(51) Int. Cl.
B64C 29/00 (2006.01)
B64C 3/56 (2006.01)
(87) WO2023/192087
(31) 17/705,310 (32) 26.03.22 (33) US
(43) 05.10.2023
(72) PASSLEY, Shaun
(74) mdp Patent and Trade Mark Attorneys

(71) EQUIFAX INC.
(11) AU-A-2023241594
(21) 2023241594 (22) 27.03.2023
(54) DEVICE-AGNOSTIC ACCESS CONTROL TECHNIQUES
(51) Int. Cl.
G06F 21/31 (2013.01)
G06F 21/62 (2013.01)
H04L 9/40 (2022.01)
H04W 12/06 (2021.01)
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(87) WO2023/192175
(31) 17/657,055 (32) 29.03.22 (33) US
(43) 05.10.2023
(72) SINGH, Dilip; KELLER, Gary; BEATTY, Robert; TIRUNELLAYI, Sriram
(74) FB Rice Pty Ltd

(71) EUROPEAN TRAILER SYSTEMS GMBH
(11) AU-A-2023229001
(21) 2023229001 (22) 01.03.2023
(54) STRUCTURE FOR A SUBSTRUCTURE
(51) Int. Cl.
B60J 7/06 (2006.01)
B60J 7/04 (2006.01)
B60J 7/16 (2006.01)
(87) WO2023/165657
(31) 10 2022 105 102.1 (32) 03.03.22 (33) DE
(43) 07.09.2023
(72) LEUKERS, Markus; REMMEL, Roger
(74) Franke Hyland Pty Ltd

(71) EVONIK OPERATIONS GMBH
(11) AU-A-2023221531
(21) 2023221531 (22) 16.02.2023
(54) HIGH-TEMPERATURE SPIRAL-WOUND MODULE MADE OF METALLIC COMPONENTS
(51) Int. Cl.
B01D 63/10 (2006.01)
(87) WO2023/156509
(31) 20 2022 000 423.0 (32) 21.02.22 (33) DE

(43) 24.08.2023
(72) BRUGGER, Bastian Matthias; LOCHTHOVE, Marc; GEHRING, Christian; KUBE, Michael; DAHLHUES, Meike
(74) AJ PARK

(71) EVONIK OPERATIONS GMBH
(11) AU-A-2023281826
(21) 2023281826 (22) 24.05.2023
(54) IMPROVED BIOTECHNOLOGICAL METHOD FOR PRODUCING GUANIDINO ACETIC ACID (GAA) BY USING NADH-DEPENDENT DEHYDROGENASES
(51) Int. Cl.
C12N 1/20 (2006.01)
C12P 13/10 (2006.01)
(87) WO2023/232583
(31) 22177262.7 (32) 03.06.22 (33) EP
(43) 07.12.2023
(72) SCHNEIDER, Frank; SCHAFFER, Steffen; MARIN, Kay; NICKOLAUS, Melanie; TEGETHOFF, Julia; OESTERHOFF, Marleen
(74) AJ PARK

(71) EYED PHARMA
(11) AU-A-2023223578
(21) 2023223578 (22) 24.02.2023
(54) EYELET
(51) Int. Cl.
A61K 9/00 (2006.01)
A61F 9/00 (2006.01)
(87) WO2023/161401
(31) 22158449.3 (32) 24.02.22 (33) EP
(43) 31.08.2023
(72) ALAIMO, David; WIJZEN, Fabienne; NIZET, Dominique
(74) Adams Pluck

(71) F. HOFFMANN-LA ROCHE AG
(11) AU-A-2023250008
(21) 2023250008 (22) 05.04.2023
(54) CRYSTALLINE FORMS OF A MACROCYCLIC PEPTIDE ANTIBIOTIC
(51) Int. Cl.
C07K 5/09 (2006.01)
(87) WO2023/194418
(31) 22167057.3 (32) 07.04.22 (33) EP
(43) 12.10.2023
(72) DIODONE, Ralph; EGLI, André; ENKELMANN, Dennis Dimo; LINDEMÉR, Michel Dominik; STADELMANN, Valentin Andreas
(74) Spruson & Ferguson

(71) F. HOFFMANN-LA ROCHE AG
(11) AU-A-2023269120
(21) 2023269120 (22) 02.05.2023
(54) SYSTEM AND METHOD FOR ADAPTIVE GENERATION OF GRAPHICAL DATA OF A TREATMENT HISTORY
(51) Int. Cl.
G16H 15/00 (2018.01)
G16H 50/20 (2018.01)
(87) WO2023/220533
(31) 63/364,517 (32) 11.05.22 (33) US

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(72) DAJANI, Samer; MANOHAR, Chinmay
(74) Spruson & Ferguson

(71) F. HOFFMANN-LA ROCHE AG
(11) AU-A-2023269227
(21) 2023269227 (22) 11.05.2023
(54) NEW INDAZOLE DERIVATIVES
(51) Int. Cl.
C07D 487/04 (2006.01)
A61K 9/00 (2006.01)
A61K 31/5377 (2006.01)
A61P 35/00 (2006.01)
(87) WO2023/217923
(31) 22173211.8 (32) 13.05.22 (33) EP
22175324.7 25.05.22 EP
(43) 16.11.2023
(72) JAESCHKE, Georg; MARTOGGIO, Bruno; NAGEL, Yvonne Alice; OBST-SANDER, Christa Ulrike; RICCI, Antonio; STEINER, Sandra
(74) Griffith Hack

(71) FILLER, E.W.
(11) AU-A-2024216701
(21) 2024216701 (22) 31.01.2024
(54) BUILDING SYSTEMS, COMPONENTS THEREFOR AND BUILDING METHODS
(51) Int. Cl.
E04B 1/02 (2006.01)
E02D 27/16 (2006.01)
E04B 1/12 (2006.01)
E04B 1/35 (2006.01)
E04B 5/14 (2006.01)
E04B 5/48 (2006.01)
E04C 2/30 (2006.01)
E04C 2/52 (2006.01)
E04D 3/24 (2006.01)
E04D 3/36 (2006.01)
(87) WO2024/164041
(31) 2023900294 (32) 07.02.23 (33) AU
(43) 15.08.2024
(72) FILLER, Erwin Walter
(74) Dark IP

(71) FLAGSHIP PIONEERING INNOVATIONS V, INC.
(11) AU-A-2023272105
(21) 2023272105 (22) 18.05.2023
(54) COMPOSITIONS COMPRISING MODIFIED ANELLOVIRUS CAPSID PROTEINS AND USES THEREOF
(51) Int. Cl.
C07K 14/01 (2006.01)
A61K 35/76 (2015.01)
C12N 7/00 (2006.01)
C12N 15/86 (2006.01)
(87) WO2023/225593
(31) 63/344,019 (32) 19.05.22 (33) US
63/387,337 14.12.22 US
(43) 23.11.2023
(72) SWANSON, Kurt Adam; DELAGRAVE, Simon; LIOU, Shu-Hao; COHEN, Noah Robert; KHAN, Amir; YOZWIAK, Nathan Lawrence; ARZE, Cesar Augusto; HAJJAR, Roger Joseph
(74) Davies Collison Cave Pty Ltd

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<p>(71) FUJITSU GENERAL LIMITED (11) AU-A-2023242067 (21) 2023242067 (22) 27.03.2023 (54) AIR CONDITIONER (51) Int. Cl. F24F 11/875 (2018.01) F24F 11/41 (2018.01) F24F 11/86 (2018.01) (87) WO2023/190302 (31) 2022-054456 (32) 29.03.22 (33) JP (43) 05.10.2023 (72) HIROSAKI, Yu; NAKATA, Shohei (74) Spruson & Ferguson</p>	<p>(71) FUJITSU GENERAL LIMITED (11) AU-A-2023244654 (21) 2023244654 (22) 28.03.2023 (54) AIR CONDITIONER (51) Int. Cl. F24F 11/875 (2018.01) F24F 5/00 (2006.01) F24F 11/86 (2018.01) F25B 13/00 (2006.01) (87) WO2023/190485 (31) 2022-053563 (32) 29.03.22 (33) JP (43) 05.10.2023 (72) NAKATA, Shohei; ODA, Akinobu; HIROSAKI, Yu; FUJI, Toshiyuki (74) Spruson & Ferguson</p>	<p>(43) 24.08.2023 (72) WADE, Robert Andrew (74) James & Wells Intellectual Property</p>
<p>(71) FUJITSU GENERAL LIMITED (11) AU-A-2023242214 (21) 2023242214 (22) 09.03.2023 (54) TWO-STAGE REFRIGERATION DEVICE (51) Int. Cl. F25B 7/00 (2006.01) F25B 1/00 (2006.01) (87) WO2023/189382 (31) 2022-060096 (32) 31.03.22 (33) JP (43) 05.10.2023 (72) NAKATA Shohei; MAEMA Yoshinari; KANEI Kazuki (74) IP SOLVED (ANZ) PTY. LTD.</p>	<p>(71) FUNDACIO INSTITUT DE BIOEN- GINYERIA DE CATALUNYA; SCRANT- ON ENTERPRISES B.V. (11) AU-A-2023225133 (21) 2023225133 (22) 23.02.2023 (54) DEVICE FOR MEASURING INTRINS- IC AUTOFLUORESCENCE OF A BIO- LOGICAL SAMPLE AND METHOD US- ING THEREOF (51) Int. Cl. G01N 21/64 (2006.01) (87) WO2023/161375 (31) 22382161.2 (32) 24.02.22 (33) EP (43) 31.08.2023 (72) DENKOVA, Denitza Nikolaeva; PARRA MARTÍNEZ, Albert; SERIOLA PETIT, Anna; OJOSNEGROS MARTOS, Samuel (74) PHILLIPS ORMONDE FITZPATRICK</p>	<p>(71) GAMMADELTA THERAPEUTICS LTD (11) AU-A-2023249660 (21) 2023249660 (22) 04.04.2023 (54) NOVEL GENE ARMORING (51) Int. Cl. A61K 39/00 (2006.01) A61P 35/00 (2006.01) (87) WO2023/194915 (31) 63/327,230 (32) 04.04.22 (33) US 63/371,860 18.08.22 US 63/482,755 01.02.23 US (43) 12.10.2023 (72) KOVACS, Istvan; SIMOES, Andre Goncalo do Espirito Santo; ILLING- WORTH, Sam; KUMARAN, Jyothi; NUSSBAUMER, Oliver; KARATTIL, Ra- jeev (74) Spruson & Ferguson</p>
<p>(71) FUJITSU GENERAL LIMITED (11) AU-A-2023243001 (21) 2023243001 (22) 24.03.2023 (54) HEAT PUMP DEVICE (51) Int. Cl. F25B 1/00 (2006.01) F24H 4/02 (2022.01) F24H 15/176 (2022.01) F24H 15/219 (2022.01) F24H 15/242 (2022.01) F24H 15/34 (2022.01) F24H 15/38 (2022.01) F25B 30/02 (2006.01) F25B 49/02 (2006.01) (87) WO2023/190228 (31) 2022-052475 (32) 28.03.22 (33) JP (43) 05.10.2023 (72) KONDO, Masahiro; SHIMANO, Daiki; SUDA, Kazuki (74) Spruson & Ferguson</p>	<p>(71) FURUKAWA ELECTRIC CO., LTD.; NATIONAL UNIVERSITY CORPORA- TION HOKKAIDO UNIVERSITY (11) AU-A-2023242519 (21) 2023242519 (22) 29.03.2023 (54) COMPOSITE, COMPOSITE PRO- DUCTION METHOD, AND CATALYST STRUCTURE (51) Int. Cl. B01J 29/035 (2006.01) C01B 3/40 (2006.01) C01B 37/02 (2006.01) (87) WO2023/190777 (31) 2022-053978 (32) 29.03.22 (33) JP (43) 05.10.2023 (72) KAWAMATA Yuki; BANBA Yuichiro; FUJIKAWA Takashi; IWANO Yuki; LEE Yu; HIRANO Junya; MASUDA Takao; NAKASAKA Yuta (74) Pizzseys Patent and Trade Mark Attor- neys Pty Ltd</p>	<p>(71) GAMMADELTA THERAPEUTICS LTD (11) AU-A-2023250251 (21) 2023250251 (22) 04.04.2023 (54) CELLS EXPRESSING AN ANTI- MESOTHELIN CAR (51) Int. Cl. A61P 35/00 (2006.01) A61K 39/00 (2006.01) C07K 14/715 (2006.01) (87) WO2023/194911 (31) 2204927.4 (32) 04.04.22 (33) GB 63/482,752 01.02.23 US (43) 12.10.2023 (72) KOVACS, Istvan; SIMOES, Andre Gon- calo do Espirito Santo; ILLINGWORTH, Sam; NUSSBAUMER, Oliver; ED- WARDS, Sarah (74) Spruson & Ferguson</p>
<p>(71) FUJITSU GENERAL LIMITED (11) AU-A-2023243002 (21) 2023243002 (22) 24.03.2023 (54) HEAT PUMP DEVICE (51) Int. Cl. F25B 47/02 (2006.01) F25B 1/00 (2006.01) F25B 7/00 (2006.01) F25B 30/02 (2006.01) (87) WO2023/190233 (31) 2022-055647 (32) 30.03.22 (33) JP (43) 05.10.2023 (72) KONDO, Masahiro; SHIMANO, Daiki; SUDA, Kazuki (74) Spruson & Ferguson</p>	<p>(71) GALLAGHER GROUP LIMITED (11) AU-A-2023222661 (21) 2023222661 (22) 17.02.2023 (54) A FENCE POST (51) Int. Cl. E04H 17/00 (2006.01) E04H 17/12 (2006.01) E04H 17/24 (2006.01) (87) WO2023/158322 (31) 785236 (32) 18.02.22 (33) NZ</p>	<p>(71) GARCÍA SADA, F. (11) AU-A-2023225211 (21) 2023225211 (22) 23.02.2023 (54) MEASUREMENT, DIAGNOSIS, TREATMENT AND MANAGEMENT OF METABOLIC SYNDROME (51) Int. Cl. G16H 20/10 (2018.01) G16H 40/67 (2018.01) (87) WO2023/161832 (31) 17/679,927 (32) 24.02.22 (33) US (43) 31.08.2023 (72) GARCÍA SADA, Fernando; FLORES LÓPEZ, Santos Eduardo; ELIZONDO, Sergio de Jesús; GARCÍA ALANIS, Eduardo; DYCHTER CHOLOW, Bern- ardo; PACHECO ESPINO, Iván; PULIDO WATTS, Alejandro (74) WRAYS PTY LTD</p>
<p>(71) GC CORPORATION (11) AU-A-2023242432 (21) 2023242432 (22) 29.03.2023 (54) ADHESIVE COMPOSITION FOR DENTAL USE</p>		

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A61K 6/30 (2020.01)
A61K 6/15 (2020.01)
A61K 6/60 (2020.01)
(87) WO2023/190769
(31) 2022-061107 (32) 31.03.22 (33) JP
(43) 05.10.2023
(72) OHARA, Yuki; TAKAHASHI, Makoto;
KASAI, Yuki
(74) Spruson & Ferguson
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- (71) GC CORPORATION
(11) AU-A-2023242499
(21) 2023242499 (22) 29.03.2023
(54) ADHESIVE COMPOSITION FOR
DENTAL USE
(51) Int. Cl.
A61K 6/30 (2020.01)
(87) WO2023/190678
(31) 2022-060618 (32) 31.03.22 (33) JP
(43) 05.10.2023
(72) HIGASHI, Sayaka; SATO, Yuna;
SHOJI, Takumi
(74) Spruson & Ferguson
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- (71) GILEAD SCIENCES, INC.
(11) AU-A-2023249631
(21) 2023249631 (22) 05.04.2023
(54) BRIDGED TRICYCLIC CAR-
BAMOYLPYRIDONE COMPOUNDS
AND USES THEREOF
(51) Int. Cl.
C07D 471/22 (2006.01)
A61K 31/55 (2006.01)
A61P 31/18 (2006.01)
C07D 491/22 (2006.01)
C07D 497/22 (2006.01)
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(87) WO2023/196875
(31) 63/328,061 (32) 06.04.22 (33) US
63/476,873 22.12.22 US
(43) 12.10.2023
(72) CHU, Hang; GONZALEZ BUEN-
ROSTRO, Ana Z.; HAN, Xiaochun;
HURTLEY, Anna E.; JIANG, Lan; LI,
Jiayao; SCHWARZWALDER, Gregg
M.; SHIVAKUMAR, Devleena M.; VON
BARGEN, Matthew J.; WU, Qiaoyin;
YANG, Hong
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F16K 3/26 (2006.01)
F16K 5/04 (2006.01)
F16K 37/00 (2006.01)
G01L 19/00 (2006.01)
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A61K 9/51 (2006.01)
A61K 31/05 (2006.01)
A61K 31/7088 (2006.01)
A61K 38/20 (2006.01)
A61K 45/06 (2006.01)
A61K 47/02 (2006.01)
A61P 31/12 (2006.01)
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PREPARATION METHOD THEREFOR
AND USE THEREOF
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A61K 38/06 (2006.01)
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C12Q 1/6869 (2018.01)
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A61P 11/00 (2006.01)
C07D 413/12 (2006.01)
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G06T 17/05 (2011.01)
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G06V 10/44 (2022.01)
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H04W 24/02 (2009.01)
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H04W 48/02 (2009.01)
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H04W 24/08 (2009.01)
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 G06V 20/40 (2022.01)
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 H04L 65/403 (2022.01)
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 A61K 31/496 (2006.01)
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 C12Q 1/6813 (2018.01)
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<p>(71) ILLUMINA, INC. (11) AU-A-2023354159 (21) 2023354159 (22) 29.09.2023 (54) AMPLIFICATION COMPOSITIONS AND METHODS (51) Int. Cl. C12N 9/12 (2006.01) C12Q 1/6844 (2018.01) (87) WO2024/073663 (31) 63/411,949 (32) 30.09.22 (33) US (43) 04.04.2024 (72) ROBBINS, Justin; HU, Marie (74) WRAYS PTY LTD</p>	<p>C12N 9/14 (2006.01) C12Q 1/6869 (2018.01) (87) WO2024/073714 (31) 63/411,973 (32) 30.09.22 (33) US (43) 04.04.2024 (72) ROBBINS, Justin (74) WRAYS PTY LTD</p>	<p>63/476,585 21.12.22 US 63/586,716 29.09.23 US 63/601,655 21.11.23 US (43) 20.06.2024 (72) ARTIOLI, Gianluca Andrea; BASUKI, Johan Sebastian; CIESLA, Craig; DILL, Tyler J.; FRASER, Louise Jane; GORMLEY, Niall Anthony; HO, Yuan Heng Trevor; KARUNAKARAN, Aathavan; MARTINS VITORIANO, Maria Ines; MOORE, Jessica; RICOULT, Sebastien Georg Gabriel; THOMSON, Vicki S.; VON HATTEN, Xavier; WEIR, Jacqueline C. (74) FB Rice Pty Ltd</p>
<p>(71) ILLUMINA, INC. (11) AU-A-2023354212 (21) 2023354212 (22) 26.09.2023 (54) RESYNTHESIS KITS AND METHODS (51) Int. Cl. C12Q 1/6869 (2018.01) (87) WO2024/068641 (31) 63/410,162 (32) 26.09.22 (33) US (43) 04.04.2024 (72) KLAUSING, Kay; BOUTELL, Jonathan; OSOTHPRAROP, Trina; MILLER, Oliver; ROBBINS, Justin (74) WRAYS PTY LTD</p>	<p>(71) ILLUMINA, INC. (11) AU-A-2023355052 (21) 2023355052 (22) 29.09.2023 (54) LIQUID RESERVOIRS, CARTRIDGE ASSEMBLIES AND RELATED SYSTEMS AND METHODS (51) Int. Cl. G01N 35/00 (2006.01) C12Q 1/6869 (2018.01) (87) WO2024/073038 (31) 63/412,075 (32) 30.09.22 (33) US (43) 04.04.2024 (72) KHOO, Norman; CAO, Zhenning; DAVIDSON, Justin; ANG, Beng, Keong; ATHANASIOU, Panteleimon; YU, Hao; CHENG, Heng, Kuang (74) WRAYS PTY LTD</p>	<p>(71) ILLUMINA, INC. (11) AU-A-2023407892 (21) 2023407892 (22) 14.12.2023 (54) APPARATUS AND METHOD FOR TRANSFERRING AND DELIVERING DRIED REAGENTS (51) Int. Cl. G01N 35/10 (2006.01) G01N 35/00 (2006.01) (87) WO2024/137320 (31) 63/435,017 (32) 23.12.22 (33) US (43) 27.06.2024 (72) POA, Dorry; TEO, Yin; PONKALA, Mikko; LIMB, Paul; LAUW, Sherman (74) WRAYS PTY LTD</p>
<p>(71) ILLUMINA, INC. (11) AU-A-2023354388 (21) 2023354388 (22) 29.09.2023 (54) THERMOPHILIC COMPOSITIONS FOR NUCLEIC ACID AMPLIFICATION (51) Int. Cl. C12Q 1/6844 (2018.01) C12N 9/12 (2006.01) C12Q 1/6869 (2018.01) (87) WO2024/073712 (31) 63/411,959 (32) 30.09.22 (33) US (43) 04.04.2024 (72) ROBBINS, Justin (74) WRAYS PTY LTD</p>	<p>(71) ILLUMINA, INC. (11) AU-A-2023367185 (21) 2023367185 (22) 26.10.2023 (54) LIGHT ENERGY EXCITER (51) Int. Cl. G01N 21/64 (2006.01) G01N 21/01 (2006.01) (87) WO2024/092139 (31) 63/381,225 (32) 27.10.22 (33) US (43) 02.05.2024 (72) HUDNUT, Alexa; SUTTY, Sibi; RUDEN, Jacob; KUKAS, Leroy; GIANDUZZO, David; NORTON, Kirkpatrick; PRINCE, Simon; PHOUNSIRI, Krysada; PINTO, Joseph (74) WRAYS PTY LTD</p>	<p>(71) ILLUMINA, INC. (11) AU-A-2023408032 (21) 2023408032 (22) 15.12.2023 (54) FLOW CELL ASSEMBLIES AND RELATED SYSTEMS AND METHODS (51) Int. Cl. B01L 3/00 (2006.01) C12Q 1/6869 (2018.01) (87) WO2024/137367 (31) 63/434,851 (32) 22.12.22 (33) US (43) 27.06.2024 (72) RATHORE, Sanket; KAPLAN, David; TAYLOR, Jay; RUDEN, Jacob (74) WRAYS PTY LTD</p>
<p>(71) ILLUMINA, INC. (11) AU-A-2023354389 (21) 2023354389 (22) 29.09.2023 (54) MESOPHILIC COMPOSITIONS FOR NUCLEIC ACID AMPLIFICATION (51) Int. Cl. C12N 9/12 (2006.01) C12Q 1/6844 (2018.01) C12Q 1/6869 (2018.01) (87) WO2024/073713 (31) 63/411,965 (32) 30.09.22 (33) US (43) 04.04.2024 (72) ROBBINS, Justin (74) WRAYS PTY LTD</p>	<p>(71) ILLUMINA, INC. (11) AU-A-2023390001 (21) 2023390001 (22) 06.12.2023 (54) MONOCLONAL CLUSTERING USING DOUBLE STRANDED DNA SIZE EXCLUSION WITH PATTERNED SEEDING (51) Int. Cl. C12Q 1/6806 (2018.01) (87) WO2024/123917 (31) 63/430,936 (32) 07.12.22 (33) US (43) 13.06.2024 (72) KARUNAKARAN, Aathavan; BRACHER, David (74) WRAYS PTY LTD</p>	<p>(71) ILLUMINA, INC. (11) AU-A-2023409138 (21) 2023409138 (22) 20.12.2023 (54) TRANSITION-METAL CATALYST COMPOSITIONS AND METHODS FOR SEQUENCING BY SYNTHESIS (51) Int. Cl. C12Q 1/6874 (2018.01) (87) WO2024/137765 (31) 63/476,849 (32) 22.12.22 (33) US (43) 27.06.2024 (72) MARIANI, Angelica; BEECH, Timothy; FRANCAIS, Antoine; PANIGRAHI, Adyasha; HATTINGH, Kathryn; CRESSINA, Elena (74) WRAYS PTY LTD</p>
<p>(71) ILLUMINA, INC. (11) AU-A-2023354390 (21) 2023354390 (22) 29.09.2023 (54) METHODS OF MODULATING CLUSTERING KINETICS (51) Int. Cl. C12Q 1/6844 (2018.01)</p>	<p>(71) ILLUMINA, INC. (11) AU-A-2023396017 (21) 2023396017 (22) 15.12.2023 (54) FLOW CELLS AND METHODS (51) Int. Cl. C12Q 1/6806 (2018.01) (87) WO2024/130202 (31) 63/387,874 (32) 16.12.22 (33) US</p>	<p>(71) ILLUMINA, INC. (11) AU-A-2023409219 (21) 2023409219 (22) 20.12.2023</p>

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(54) PALLADIUM CATALYST COMPOSITIONS AND METHODS FOR SEQUENCING BY SYNTHESIS
 (51) Int. Cl.
C12Q 1/6869 (2018.01)
 (87) WO2024/137774
 (31) 63/476,910 (32) 22.12.22 (33) US
 (43) 27.06.2024
 (72) PEDROSO, Cassio; PANIGRAHI, Ady-
 asha; MARIANI, Angelica; CARV-
 ER, Adam; HOURS, Raphaëlle;
 CHANDRACHUD, Preeti; FRANCAIS,
 Antoine; APSUNDE, Tushar; HAT-
 TINGH, Kathryn; BEECH, Timothy;
 SOLIS, Daniel; LAWRENCE, Elliot J.
 (74) WRAYS PTY LTD

(71) ILLUMINA, INC.
 (11) AU-A-2023410548
 (21) 2023410548 (22) 20.12.2023
 (54) USE OF DRIED SODIUM HYDROXIDE
 TO DENATURATE DOUBLE STRAN-
 DED DNA
 (51) Int. Cl.
C12Q 1/6806 (2018.01)
B01L 3/00 (2006.01)
C12M 1/00 (2006.01)
C12N 15/10 (2006.01)
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 (87) WO2024/133437
 (31) 63/476,432 (32) 21.12.22 (33) US
 (43) 27.06.2024
 (72) CARRAMI, Eli; MILLER, Oliver;
 RICOULT, Sebastien; RIVERS, Eilidh;
 WEEKES, Dale
 (74) WRAYS PTY LTD

(71) ILLUMINA, INC.
 (11) AU-A-2023419253
 (21) 2023419253 (22) 21.12.2023
 (54) METHODS OF SEQUENCING USING
 3' ALLYL BLOCKED NUCLEOTIDES
 (51) Int. Cl.
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 (87) WO2024/145154
 (31) 63/477,275 (32) 27.12.22 (33) US
 (43) 04.07.2024
 (72) FRANCAIS, Antoine; CRESSINA,
 Elena; HATTINGH, Kathryn; MARIANI,
 Angelica; WU, Xiaolin; LIU, Xiaohai
 (74) WRAYS PTY LTD

(71) ILLUMINA, INC.
 (11) AU-A-2024215884
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 (43) 08.08.2024
 (72) ROLLER, Eric; HALPERN, Aaron;
 TRUONG, Sean
 (74) Spruson & Ferguson

(71) IMDEX TECHNOLOGIES PTY LTD
 (11) AU-A-2023249432
 (21) 2023249432 (22) 06.04.2023
 (54) DEVICES FOR MARKING A CORE
 SAMPLE
 (51) Int. Cl.
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B25H 7/04 (2006.01)
 (87) WO2023/193059
 (31) 2022900929 (32) 08.04.22 (33) AU
 2023900156 23.01.23 AU
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 (72) COPLIN, Nicholas; MARCH, Andrew;
 MORRISH, Neil Anthony; REILLY,
 James Barry; PETERSEN, Jacob;
 GABBITUS, Mark; SMITH, Grainne;
 PAYNE, Nicholas; NEWLOVE, Pauline;
 PRITCHARD, David; NGUYEN, Aaron
 Huy; RODGERS, Brendyn
 (74) FB Rice Pty Ltd

(71) IMMUNITYBIO, INC.
 (11) AU-A-2023254108
 (21) 2023254108 (22) 13.04.2023
 (54) MULTI-CHAIN CHIMERIC POLY-
 PEPTIDE FOR USE IN THE TREAT-
 MENT OF CIRCARDIAN CLOCK
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A61K 38/17 (2006.01)
A61K 38/20 (2006.01)
A61P 43/00 (2006.01)
 (87) WO2023/201310
 (31) 63/330,694 (32) 13.04.22 (33) US
 63/330,715 13.04.22 US
 (43) 19.10.2023
 (72) WONG, Hing C.; JANNEY, Christoph-
 er; GEORGE, Varghese; SHRESTHA,
 Niraj; CHATURVEDI, Pallavi
 (74) Pizeys Patent and Trade Mark Attor-
 neys Pty Ltd

(71) IMMUNITYBIO, INC.
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 (21) 2023254210 (22) 13.04.2023
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 PEPTIDE FOR USE IN THE TREAT-
 MENT OF TREATING NEUROINFLAM-
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A61K 38/20 (2006.01)
A61P 25/28 (2006.01)
 (87) WO2023/201311
 (31) 63/330,639 (32) 13.04.22 (33) US
 63/330,660 13.04.22 US
 (43) 19.10.2023
 (72) WONG, Hing C.; GEORGE, Varghese;
 SHRESTHA, Niraj; CHATURVEDI, Pal-
 lavi
 (74) Pizeys Patent and Trade Mark Attor-
 neys Pty Ltd

(71) IMPLANTICA PATENT LTD
 (11) AU-A-2023220752
 (21) 2023220752 (22) 16.02.2023
 (54) METHODS AND DEVICES FOR SE-
 CURE COMMUNICATION WITH AND
 OPERATION OF AN IMPLANT

(51) Int. Cl.
G06F 21/60 (2013.01)
A61B 5/00 (2006.01)
A61F 2/02 (2006.01)
A61F 5/00 (2006.01)
A61N 1/372 (2006.01)
G06F 21/31 (2013.01)
G06F 21/32 (2013.01)
G06F 21/35 (2013.01)
G06F 21/44 (2013.01)
G06F 21/64 (2013.01)
 (87) WO2023/156516
 (31) 2250209-0 (32) 18.02.22 (33) SE
 PCT/ 26.08.22 EP
 EP2022/073816
 (43) 24.08.2023
 (72) FORSELL, Peter
 (74) WRAYS PTY LTD

(71) IMPLANTICA PATENT LTD; FORSELL,
 P.
 (11) AU-A-2023221535
 (21) 2023221535 (22) 16.02.2023
 (54) STRETCHING DEVICE
 (51) Int. Cl.
A61F 5/00 (2006.01)
 (87) WO2023/156529
 (31) 2250181-1 (32) 18.02.22 (33) SE
 PCT/ 26.08.22 EP
 EP2022/073784
 (43) 24.08.2023
 (72) FORSELL, Peter
 (74) WRAYS PTY LTD

(71) IMPLANTICA PATENT LTD
 (11) AU-A-2023221544
 (21) 2023221544 (22) 16.02.2023
 (54) APPARATUS AND METHOD FOR OB-
 TAINING URINARY CONTROL
 (51) Int. Cl.
A61F 2/07 (2013.01)
A61B 5/02 (2006.01)
A61B 17/12 (2006.01)
A61F 2/00 (2006.01)
A61F 2/04 (2013.01)
 (87) WO2023/156574
 (31) 2250204-1 (32) 18.02.22 (33) SE
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 (43) 24.08.2023
 (72) FORSELL, Peter
 (74) WRAYS PTY LTD

(71) IMPLANTICA PATENT LTD
 (11) AU-A-2023222170
 (21) 2023222170 (22) 16.02.2023
 (54) IMPLANTABLE ENERGIZED MEDICAL
 DEVICE, RELATED METHODS AND
 KIT
 (51) Int. Cl.
A61B 5/00 (2006.01)
A61F 2/00 (2006.01)
 (87) WO2023/156563
 (31) 2250205-8 (32) 18.02.22 (33) SE
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 (72) FORSELL, Peter
 (74) WRAYS PTY LTD

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<p>(71) IMPLANTICA PATENT LTD (11) AU-A-2023222172 (21) 2023222172 (22) 16.02.2023 (54) METHODS AND DEVICES FOR SECURE COMMUNICATION WITH AND OPERATION OF AN IMPLANT (51) Int. Cl. A61F 5/00 (2006.01) G06F 21/60 (2013.01) G06F 21/64 (2013.01) H04W 12/06 (2021.01) H04W 12/10 (2021.01) (87) WO2023/156573 (31) 2250226-4 (32) 18.02.22 (33) SE PCT/ 26.08.22 EP EP2022/073863 (43) 24.08.2023 (72) FORSELL, Peter (74) WRAYS PTY LTD</p>	<p>(31) 63/345,453 (32) 25.05.22 (33) US (43) 30.11.2023 (72) KRAIEM, Manel; CHANTEUX, Stéphanie; ROSSI, Benjamin; GAUTHIER, Laurent (74) Blue Penguin IP Ltd</p>	<p>A61L 27/50 (2006.01) A61F 2/06 (2013.01) A61L 27/56 (2006.01) A61B 17/11 (2006.01) A61F 2/01 (2006.01) (87) WO2023/205370 (31) 63/333,107 (32) 20.04.22 (33) US 63/333,533 21.04.22 US (43) 26.10.2023 (72) KLASSEN, Charles, C.; FORD, Andrew; SINGH, Manjot (74) Forte Intellectual Property Pty Ltd</p>
<p>(71) INCYTE CORPORATION (11) AU-A-2023235313 (21) 2023235313 (22) 16.03.2023 (54) TRICYCLIC UREA COMPOUNDS AS JAK2 V617F INHIBITORS (51) Int. Cl. C07D 471/14 (2006.01) A61K 31/437 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01) (87) WO2023/178285 (31) 63/320,909 (32) 17.03.22 (33) US 63/396,826 10.08.22 US (43) 21.09.2023 (72) TAYLOR, Cooper; AI, Yanran; HE, Chunhong; ZHANG, Ke; ZHENG, Zhitong; YUE, Eddy W. (74) Houlihan Intellectual Property Pty Ltd</p>	<p>(71) INNOVATIVE SURGICAL REGENERATION HOLDINGS, L. (11) AU-A-2023251120 (21) 2023251120 (22) 10.04.2023 (54) NAMPT FOR WOUND-HEALING AND STIMULATING HAIR GROWTH AND/OR REGROWTH (51) Int. Cl. A61K 38/45 (2006.01) A61K 8/64 (2006.01) A61P 17/14 (2006.01) A61Q 7/00 (2006.01) A61K 38/00 (2006.01) (87) WO2023/197011 (31) 63/329,224 (32) 08.04.22 (33) US 63/481,962 27.01.23 US 63/481,963 27.01.23 US (43) 12.10.2023 (72) RAPPAPORT, Jay; IZADPANA, Amin; IZADPANA, Reza (74) PHILLIPS ORMONDE FITZPATRICK</p>	<p>(71) JANI INTERNATIONAL PTE. LTD. (11) AU-A-2023338644 (21) 2023338644 (22) 08.09.2023 (54) CARRIER, CLAMPING SEAT ASSEMBLY, SUPPORTING FRAME AND WHEELED MOVING DEVICE (51) Int. Cl. B62B 7/06 (2006.01) A01K 1/02 (2006.01) A47D 13/02 (2006.01) B60N 2/28 (2006.01) B62B 7/14 (2006.01) B62B 9/10 (2006.01) B62B 9/14 (2006.01) B62B 9/18 (2006.01) F16F 9/54 (2006.01) (87) WO2024/054158 (31) 20221105958.8 (32) 08.09.22 (33) CN 202211393615.6 08.11.22 CN 202211667675.2 23.12.22 CN 202310085067.9 18.01.23 CN 202310115845.4 14.02.23 CN 202310193406.5 02.03.23 CN (43) 14.03.2024 (72) GUO, Zhengwen; CHEN, Yingzhong; YUAN, Jiali; HE, Ziqiang (74) Allens Patent & Trade Mark Attorneys</p>
<p>(71) INKSPACE IMAGING, INC. (11) AU-A-2023221895 (21) 2023221895 (22) 14.02.2023 (54) TRANSMISSION LINE COUPLED ANTENNA AND DETUNING CIRCUIT (51) Int. Cl. G01R 33/34 (2006.01) A61B 5/055 (2006.01) G01R 33/06 (2006.01) G01R 33/36 (2006.01) (87) WO2023/158637 (31) 63/310,867 (32) 16.02.22 (33) US (43) 24.08.2023 (72) COREA, Joseph Russell; HAEMER, Gillian Gentry; MALIK, Pulkit; WYNN, Tracy Allyn (74) FB Rice Pty Ltd</p>	<p>(71) INOVIO PHARMACEUTICALS, INC. (11) AU-A-2023224287 (21) 2023224287 (22) 24.02.2023 (54) HANDHELD ELECTROPORATION DEVICES, AND RELATED SYSTEMS AND METHODS (51) Int. Cl. A61N 1/32 (2006.01) C12M 1/42 (2006.01) C12N 13/00 (2006.01) A61B 18/12 (2006.01) A61N 1/30 (2006.01) (87) WO2023/164644 (31) 63/314,282 (32) 25.02.22 (33) US (43) 31.08.2023 (72) MATHUR, Charu; STADELMANN, Beat; BOOTH, Andrew; MCCOY, Jay (74) FB Rice Pty Ltd</p>	<p>(71) JANSSEN PHARMACEUTICA NV (11) AU-A-2023221549 (21) 2023221549 (22) 17.02.2023 (54) SYNTHESIS OF BRUTON'S TYROSINE KINASE INHIBITORS (51) Int. Cl. C07D 495/16 (2006.01) (87) WO2023/156599 (31) 20220100151 (32) 18.02.22 (33) GR 22167032.6 06.04.22 EP 22178413.5 10.06.22 EP (43) 24.08.2023 (72) TRAN, Ngoc Duc; XIOURAS, Christos; CLEATOR, Edward; MATON, William Marc; RAMMELOO, Thomas Joachim Landewald; FERNANDES, Philippe (74) Spruson & Ferguson</p>
<p>(71) INNATE PHARMA (11) AU-A-2023276860 (21) 2023276860 (22) 24.05.2023 (54) NECTIN-4 BINDING AGENTS (51) Int. Cl. A61P 35/00 (2006.01) A61K 47/68 (2017.01) C07K 16/28 (2006.01) (87) WO2023/227660</p>	<p>(71) INVENTIO AG (11) AU-A-2023236872 (21) 2023236872 (22) 07.03.2023 (54) DOOR SEAL FOR A LIFT CAR (51) Int. Cl. B66B 13/30 (2006.01) (87) WO2023/174735 (31) 22162881.1 (32) 18.03.22 (33) EP (43) 21.09.2023 (72) STREBEL, René (74) Griffith Hack</p>	<p>(71) JFE STEEL CORPORATION; TOHOKU UNIVERSITY (11) AU-A-2023231849 (21) 2023231849 (22) 28.02.2023 (54) METHOD AND DEVICE FOR RECOVERING CARBON FROM CARBON-CONTAINING GAS (51) Int. Cl. C01B 32/05 (2017.01) B01J 23/745 (2006.01)</p>
<p>(71) IVIVA MEDICAL, INC. (11) AU-A-2023255504 (21) 2023255504 (22) 20.04.2023 (54) CONTINUOUS FIBER SUPPORT BARRIER FOR ENGINEERED VASCULAR NETWORKS (51) Int. Cl.</p>	<p>(71) IVIVA MEDICAL, INC. (11) AU-A-2023255504 (21) 2023255504 (22) 20.04.2023 (54) CONTINUOUS FIBER SUPPORT BARRIER FOR ENGINEERED VASCULAR NETWORKS (51) Int. Cl.</p>	<p>(71) JFE STEEL CORPORATION; TOHOKU UNIVERSITY (11) AU-A-2023231849 (21) 2023231849 (22) 28.02.2023 (54) METHOD AND DEVICE FOR RECOVERING CARBON FROM CARBON-CONTAINING GAS (51) Int. Cl. C01B 32/05 (2017.01) B01J 23/745 (2006.01)</p>

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(87) WO2023/171466
(31) 2022-034548 **(32)** 07.03.22 **(33)** JP
(43) 14.09.2023
(72) IWAMI Yuji; HIGUCHI Takahide; MURAKAMI Taichi
(74) Davies Collison Cave Pty Ltd
-
- (71)** JFE STEEL CORPORATION
(11) AU-A-2023257052
(21) 2023257052 **(22)** 10.04.2023
(54) METHOD FOR MELTING DIRECT REDUCTION IRON, SOLID IRON AND METHOD FOR MANUFACTURING SOLID IRON, MATERIAL FOR CIVIL ENGINEERING AND CONSTRUCTION, METHOD FOR PRODUCING MATERIAL FOR CIVIL ENGINEERING AND CONSTRUCTION, AND SYSTEM FOR MELTING DIRECT REDUCTION IRON
(51) Int. Cl.
C21B 13/12 (2006.01)
C21B 3/06 (2006.01)
C21B 11/10 (2006.01)
C21C 7/00 (2006.01)
(87) WO2023/204063
(31) 2022-070738 **(32)** 22.04.22 **(33)** JP
(43) 26.10.2023
(72) NAKASE Kenji; NAKAI Yoshie; KAWABATA Ryo; OKUYAMA Goro
(74) Davies Collison Cave Pty Ltd
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- (71)** JGC CORPORATION
(11) AU-A-2022459285
(21) 2022459285 **(22)** 16.05.2022
(54) ALKALINE EARTH METAL EXTRACTION METHOD, CO₂ FIXATION METHOD, AND METHOD FOR FIXING CO₂ TO RECOVER VALUABLE METAL
(51) Int. Cl.
B01D 11/02 (2006.01)
B01D 53/14 (2006.01)
B01D 53/62 (2006.01)
C01F 5/24 (2006.01)
C01F 11/18 (2006.01)
C22B 26/20 (2006.01)
(87) WO2023/223399
(43) 23.11.2023
(72) FUJIMOTO, Sho; MOCHIDA, Shunsuke; KOYANO, Koji; SAUDA, Kenzo
(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
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- (71)** JIANGSU ADVANCED CONSTRUCTION MACHINERY INNOVATION CENTER LTD.
(11) AU-A-2023430177
(21) 2023430177 **(22)** 29.06.2023
(54) BATTERY BOX BODY CAPABLE OF BEING STACKED IN MULTIPLE LAYERS, AND SYSTEM
(51) Int. Cl.
H01M 50/244 (2021.01)
H01M 50/204 (2021.01)
H01M 50/258 (2021.01)
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- (31)** 202310134829.X **(32)** 17.02.23 **(33)** CN
(43) 22.08.2024
(72) WANG, Shuai; SHAO, Xingguo; XIAO, Penghui
(74) Madderns Pty Ltd
-
- (71)** JIANGSU ALPHAMAB BIOPHARMACEUTICALS CO., LTD.; SUZHOU ALPHAMAB CO., LTD.
(11) AU-A-2022348783
(21) 2022348783 **(22)** 16.09.2022
(54) COMPOSITION COMPRISING PD-L1 ANTIGEN-BINDING FRAGMENT AND USE THEREOF
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
A61P 37/02 (2006.01)
(87) WO2023/040999
(31) 202111112052.4 **(32)** 18.09.21 **(33)** CN
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(74) James & Wells Intellectual Property
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- (71)** KABUSHIKI KAISHA TOYOTA JIDOSHOKKI
(11) AU-A-2023244261
(21) 2023244261 **(22)** 20.03.2023
(54) INDUSTRIAL VEHICLE
(51) Int. Cl.
B60K 11/06 (2006.01)
B60K 1/02 (2006.01)
B60K 1/04 (2019.01)
B66F 9/075 (2006.01)
(87) WO2023/189841
(31) 2022-057417 **(32)** 30.03.22 **(33)** JP
(43) 05.10.2023
(72) FUJIOKA Kumiko
(74) Griffith Hack
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- (71)** KANEKA CORPORATION
(11) AU-A-2023236057
(21) 2023236057 **(22)** 15.03.2023
(54) SOLID COMPOSITION CONTAINING FORMII-TYPE CRYSTAL OF REDUCED COENZYME Q10
(51) Int. Cl.
A61K 31/09 (2006.01)
A23L 5/00 (2016.01)
A23L 29/10 (2016.01)
A23L 33/10 (2016.01)
A61K 9/14 (2006.01)
A61K 47/14 (2017.01)
A61K 47/22 (2006.01)
A61K 47/24 (2006.01)
A61K 47/36 (2006.01)
A61K 47/38 (2006.01)
A61P 3/00 (2006.01)
A61P 9/00 (2006.01)
A61P 39/06 (2006.01)
A61P 43/00 (2006.01)
(87) WO2023/176871
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(11) AU-A-2023277022
(21) 2023277022 **(22)** 11.05.2023
(54) STRUCTURE FOR PRODUCING CASTING, METHOD FOR PRODUCING SAME, AND METHOD FOR PRODUCING CASTING USING SAME
(51) Int. Cl.
B22C 1/00 (2006.01)
B22C 9/02 (2006.01)
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(31) 2022-084171 **(32)** 23.05.22 **(33)** JP
(43) 30.11.2023
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(11) AU-A-2022442262
(21) 2022442262 **(22)** 28.02.2022
(54) HIGH-CAPACITY SUPERABSORBENT MATERIALS AND METHODS OF MAKING SAME
(51) Int. Cl.
C08F 265/06 (2006.01)
C08F 4/40 (2006.01)
C08F 220/06 (2006.01)
(87) WO2023/163722
(43) 31.08.2023
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- (71)** KIMBERLY-CLARK WORLDWIDE, INC.
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(21) 2022443398 **(22)** 28.02.2022
(54) HIGH-CAPACITY SUPERABSORBENT MATERIALS AND METHODS OF MAKING SAME
(51) Int. Cl.
C08F 265/06 (2006.01)
C08F 4/40 (2006.01)
C08F 220/06 (2006.01)
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(54) METHODS FOR FOAM-FORMING A MULTI-LAYER ABSORBENT SUBSTRATE AND SUCH ABSORBENT SUBSTRATES
(51) Int. Cl.
A61F 13/534 (2006.01)

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D21F 11/04 (2006.01)
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 UTO, Francis; DEGRAVE, Greg; LIND-
 SAY, Stephen M.
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 PRESSION OF ANTI-AGING GENE
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(51) Int. Cl.
A61K 31/423 (2006.01)
A23L 33/10 (2016.01)
A61P 27/02 (2006.01)
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(31) 10-2022-0035142 **(32)** 22.03.22 **(33)** KR
(43) 28.09.2023
(72) JUNG, Dong Ju
(74) Pizzeys Patent and Trade Mark Attor-
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- (71)** KNOWN MEDICINE INC.
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(21) 2023219785 **(22)** 13.02.2023
(54) THREE-DIMENSIONAL CELL CUL-
 TURE SYSTEMS AND METHODS
(51) Int. Cl.
C08J 3/075 (2006.01)
C08F 289/00 (2006.01)
C08L 51/00 (2006.01)
C12N 5/00 (2006.01)
(87) WO2023/154930
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(72) MAZZOCCHI, Andrea; NEELY, Ryan;
 SKELLY, Katie-Rose; MITCHELL, Eliza-
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(21) 2023235733 **(22)** 17.03.2023
(54) WORK VEHICLE
(51) Int. Cl.
H02M 3/155 (2006.01)
B60L 9/18 (2006.01)
B60L 50/70 (2019.01)
H02M 3/00 (2006.01)
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 OBATA Koji
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(21) 2023275209 **(22)** 19.05.2023
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 CHINE, REMOTE OPERATION SYS-
 TEM FOR WORK MACHINE, WORK
 MACHINE, AND DISPLAY METHOD
 FOR WORK MACHINE
(51) Int. Cl.
E02F 9/26 (2006.01)
E02F 3/84 (2006.01)
E02F 9/20 (2006.01)
H04N 7/18 (2006.01)
(87) WO2023/228883
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(21) 2023229899 **(22)** 06.03.2023
(54) METHOD FOR OPERATING A MA-
 TERIAL HANDLING APPARATUS
(51) Int. Cl.
B25J 9/16 (2006.01)
B65G 43/02 (2006.01)
B65G 61/00 (2006.01)
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(31) 22160402.8 **(32)** 07.03.22 **(33)** EP
(43) 14.09.2023
(72) KRISTENSEN, Jan
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(11) AU-A-2023231387
(21) 2023231387 **(22)** 06.03.2023
(54) METHOD FOR OPERATING A PAL-
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(51) Int. Cl.
B25J 9/16 (2006.01)
B65G 43/02 (2006.01)
B65G 61/00 (2006.01)
G06V 10/70 (2022.01)
(87) WO2023/169972
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(54) MACROCYCLIC HETEROCYCLES
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A61P 35/00 (2006.01)
A61K 31/504 (2006.01)
A61K 31/529 (2006.01)
C07B 59/00 (2006.01)
C07D 471/18 (2006.01)
C07D 471/22 (2006.01)
C07D 487/08 (2006.01)
C07D 495/22 (2006.01)
C07D 498/08 (2006.01)
C07D 498/18 (2006.01)
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(54) DUAL FUNCTION ADDITIVE FOR WA-
 TER BASED DRILLING FLUIDS
(51) Int. Cl.
C09K 8/035 (2006.01)
C09K 8/18 (2006.01)
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(72) VIGANO', Laura; MERLI, Luigi; PRIVIT-
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(74) Allens Patent & Trade Mark Attorneys
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(54) CONTINUOUS WAVEFORM STREAM-
 ING
(51) Int. Cl.
G01R 22/10 (2006.01)
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(21) 2023231536 **(22)** 06.03.2023
(54) METAL POLYMER COMPLEXES
 METHODS FOR CARBON DIOXIDE
 CAPTURE
(51) Int. Cl.
B01J 20/02 (2006.01)
B01D 53/14 (2006.01)
B01J 20/26 (2006.01)
B01J 20/34 (2006.01)
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(72) SENGUPTA, Arup K.; CHEN, Hao
(74) Dentons Patent Attorneys Australasia
 Limited
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 AUTOMATION, INC.
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(21) 2023237830 **(22)** 27.03.2023
(54) SYSTEMS AND METHODS FOR NON-
 INVASIVE SCREENING OF INDIVIDU-
 ALS
(51) Int. Cl.
G01V 8/00 (2006.01)
G01S 7/41 (2006.01)
G01S 13/04 (2006.01)

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G01V 3/10 (2006.01)
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(74) RnB IP Pty Ltd
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(21) 2023226255 **(22)** 23.02.2023
(54) FLYWHEEL
(51) Int. Cl.
F16F 15/315 (2006.01)
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(31) 2202497.0 **(32)** 23.02.22 **(33)** GB
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(21) 2023252840 **(22)** 12.04.2023
(54) COMPOUNDS AND METHODS FOR TREATING SPASTICITY
(51) Int. Cl.
A61K 31/444 (2006.01)
A61P 21/00 (2006.01)
A61P 25/14 (2006.01)
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(72) GOPINATHAN, Suma; TYLE, Praveen; YANG, Qi Melissa
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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(54) ROBOT
(51) Int. Cl.
B25J 5/00 (2006.01)
A47L 11/40 (2006.01)
B25J 9/00 (2006.01)
B25J 9/08 (2006.01)
B25J 15/00 (2006.01)
B25J 19/00 (2006.01)
B62D 57/028 (2006.01)
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(54) ICE-MAKING APPARATUS AND REFRIGERATOR
(51) Int. Cl.
F25C 1/24 (2018.01)
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- (71)** LG ELECTRONICS INC.
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(21) 202222668 **(22)** 09.02.2022
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(54) ICEMAKER AND REFRIGERATOR
(51) Int. Cl.
F25C 1/24 (2018.01)
F25C 1/12 (2006.01)
F25C 1/25 (2018.01)
F25C 5/04 (2006.01)
F25C 5/08 (2006.01)
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(31) 10-2022-0029365 **(32)** 08.03.22 **(33)** KR
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(74) Dentons Patent Attorneys Australasia Limited
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- (71)** LG ELECTRONICS INC.
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(54) ICE MAKER AND REFRIGERATOR
(51) Int. Cl.
F25C 1/24 (2018.01)
F25C 1/25 (2018.01)
F25C 5/04 (2006.01)
F25C 5/08 (2006.01)
F25D 23/04 (2006.01)
F25D 23/12 (2006.01)
(87) WO2023/171964
(31) 10-2022-0029367 **(32)** 08.03.22 **(33)** KR
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(72) SEO, Changho; LEE, Wookyong; LEE, Namgyo
(74) Dentons Patent Attorneys Australasia Limited
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(54) ROBOT
(51) Int. Cl.
B25J 5/00 (2006.01)
B25J 9/08 (2006.01)
B25J 9/10 (2006.01)
B25J 9/12 (2006.01)
B25J 19/00 (2006.01)
B62D 57/028 (2006.01)
(87) WO2023/171971
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(54) SHOE CARE APPARATUS AND CONTROL METHOD THEREFOR
(51) Int. Cl.
A47L 23/20 (2006.01)
A47L 23/28 (2006.01)
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(43) 03.10.2024
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(51) Int. Cl.
B29C 44/34 (2006.01)
B29C 44/44 (2006.01)
B29C 67/20 (2006.01)
(87) WO2023/191969
(31) 17/656,700 **(32)** 28.03.22 **(33)** US
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(54) IMPROVEMENTS IN AND RELATING TO EFFLUENT AND TREATMENT OF SAME
(51) Int. Cl.
C02F 1/52 (2023.01)
C02F 1/66 (2023.01)
C02F 3/02 (2023.01)
C02F 11/00 (2006.01)
C02F 103/20 (2006.01)
C02F 103/22 (2006.01)
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- (51) Int. Cl.
A01G 24/12 (2018.01)
C09K 17/04 (2006.01)
C09K 17/08 (2006.01)
C09K 101/00 (2006.01)
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(21) 2023233583 (22) 16.03.2023
(54) LONG PATH OPTICAL SPECTROSCOPY FOR IDENTIFYING ATMOSPHERIC EMISSIONS USING RETROREFLECTORS
- (51) Int. Cl.
G01J 3/42 (2006.01)
G01M 3/38 (2006.01)
G01N 21/3504 (2014.01)
G01N 21/359 (2014.01)
G01V 8/14 (2006.01)
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(31) 63/269,414 (32) 16.03.22 (33) US
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E06B 9/266 (2006.01)
E06B 9/327 (2006.01)
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(43) 05.10.2023
(72) GREENING, Andrew
(74) PIPERS
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A61K 8/64 (2006.01)
A61K 8/9789 (2017.01)
A61Q 5/00 (2006.01)
A61Q 17/00 (2006.01)
A61Q 17/04 (2006.01)
A61Q 19/08 (2006.01)
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(74) Oxygene IP
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A61K 8/9789 (2017.01)
A61Q 19/00 (2006.01)
A61Q 19/08 (2006.01)
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(31) 2202650 (32) 24.03.22 (33) FR
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(72) ATTIA, Joan; DUROUX, Romain
(74) FPA Patent Attorneys Pty Ltd
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(21) 2023243734 (22) 31.03.2023
(54) METHOD FOR PRODUCING STEEL AND SPONGE IRON MANUFACTURING PROCESS
- (51) Int. Cl.
C21B 13/00 (2006.01)
C21B 13/02 (2006.01)
C21B 13/14 (2006.01)
- (87) WO2023/191699
(31) 2250421-1 (32) 01.04.22 (33) SE
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(21) 2023246375 (22) 03.04.2023
(54) METHOD AND CONFIGURATION FOR PRODUCING REDUCED METAL MATERIAL
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C21B 13/00 (2006.01)
C21B 13/02 (2006.01)
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(31) 2250422-9 (32) 01.04.22 (33) SE
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A61K 31/436 (2006.01)
A61L 29/08 (2006.01)
A61L 29/16 (2006.01)
A61L 31/10 (2006.01)
A61L 31/16 (2006.01)
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B21C 3/08 (2006.01)
B21C 19/00 (2006.01)
B21F 1/02 (2006.01)
B21F 5/00 (2006.01)
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A61K 47/68 (2017.01)
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A61B 1/015 (2006.01)
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 A61P 35/00 (2006.01)
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 A61K 39/395 (2006.01)
 C07K 1/107 (2006.01)
 C07K 7/64 (2006.01)
 A61K 47/64 (2017.01)
 C07K 2/00 (2006.01)
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 (51) Int. Cl.
 H02H 7/26 (2006.01)
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 H02J 3/00 (2006.01)
 H02J 13/00 (2006.01)
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 G16C 60/00 (2019.01)
 G01N 23/2251 (2018.01)
 G01N 33/00 (2006.01)
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 (74) Allens Patent & Trade Mark Attorneys
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 A61P 15/00 (2006.01)
 A61P 17/04 (2006.01)
 A61P 25/02 (2006.01)
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 A62C 3/02 (2006.01)
 C08K 3/16 (2006.01)
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 H04N 7/15 (2006.01)
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G06Q 30/0251 (2023.01)
G06Q 30/0241 (2023.01)
G06T 19/00 (2011.01)
G06V 20/20 (2022.01)
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C12P 39/00 (2006.01)
C12N 1/20 (2006.01)
C12M 1/04 (2006.01)
C12M 1/42 (2006.01)
C12P 3/00 (2006.01)
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B05D 7/00 (2006.01)
B05D 1/02 (2006.01)
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A23J 3/20 (2006.01)
A23L 31/15 (2016.01)
A23L 33/195 (2016.01)
C12N 1/06 (2006.01)
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B09B 3/80 (2022.01)
B01D 12/00 (2006.01)
B02C 17/00 (2006.01)
B02C 18/00 (2006.01)
B03B 7/00 (2006.01)
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B01F 29/25 (2022.01)
B02C 17/10 (2006.01)
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C05F 17/929 (2020.01)
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G02F 1/035 (2006.01)
H01L 21/02 (2006.01)
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A61L 2/14 (2006.01)
D06F 39/00 (2020.01)
D06F 58/20 (2006.01)
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H01R 13/453 (2006.01)
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E21B 33/038 (2006.01)
H01R 13/05 (2006.01)
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A63F 13/24 (2014.01)
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A63F 13/24 (2014.01)
A63F 13/92 (2014.01)
G06F 1/16 (2006.01)
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B32B 19/04 (2006.01)
C08K 3/34 (2006.01)
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 (51) Int. Cl.
C07D 403/12 (2006.01)
A61K 31/4439 (2006.01)
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A61K 31/5377 (2006.01)
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A61P 35/00 (2006.01)
C07D 403/14 (2006.01)
C07D 405/14 (2006.01)
C07D 409/14 (2006.01)
C07D 413/14 (2006.01)
C07D 417/14 (2006.01)
C07D 471/04 (2006.01)
C07D 487/04 (2006.01)
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 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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C07D 417/14 (2006.01)
A61K 31/506 (2006.01)
A61P 35/00 (2006.01)
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C07H 19/06 (2006.01)
A61K 31/706 (2006.01)
A61K 31/7068 (2006.01)
A61K 31/7072 (2006.01)
A61K 31/7076 (2006.01)
A61P 35/00 (2006.01)
C07D 487/04 (2006.01)
C07H 19/10 (2006.01)
C07H 19/12 (2006.01)
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(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
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- (71)** RYAN, M.
(11) AU-A-2023233767
(21) 2023233767 (**(22)** 17.03.2023
(54) PREFABRICATED BUILDING UNIT
(51) Int. Cl.
E04B 1/00 (2006.01)
B28B 7/22 (2006.01)
B28B 7/30 (2006.01)
E04B 1/343 (2006.01)
E04B 1/344 (2006.01)
E04B 1/348 (2006.01)
E04G 7/00 (2006.01)
E04G 11/08 (2006.01)
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E04G 21/14 (2006.01)
(87) WO2023/178366
(31) 2022/03221 (**(32)** 18.03.22 **(33)** ZA
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(72) RYAN, Mark; RYAN, Justin; KENEALY, Sean
(74) A.P.T. Patent and Trade Mark Attorneys
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- (71)** SAFEGRID OY
(11) AU-A-2023248707
(21) 2023248707 (**(22)** 24.03.2023
(54) METHOD AND SYSTEM FOR MANAGEMENT OF ELECTRIC GRID
(51) Int. Cl.
G01R 19/25 (2006.01)
G01R 31/08 (2020.01)
H02J 3/00 (2006.01)
H02J 13/00 (2006.01)
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(43) 12.10.2023
(72) HAKUNTI, Jussi; MÄNTYSALO, Tapio
(74) Collison & Co
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- (71)** SAIL BIOMEDICINES, INC.
(11) AU-A-2023239151
(21) 2023239151 (**(22)** 24.03.2023
(54) NOVEL IONIZABLE LIPIDS AND LIPID NANOPARTICLES AND METHODS OF USING THE SAME
(51) Int. Cl.
C07D 207/16 (2006.01)
A61K 9/127 (2006.01)
A61K 31/40 (2006.01)
A61K 31/445 (2006.01)
C07D 211/60 (2006.01)
C07D 403/04 (2006.01)
C07D 403/12 (2006.01)
(87) WO2023/183616
(31) 63/323,948 (**(32)** 25.03.22 **(33)** US
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- (43)** 28.09.2023
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(74) Spruson & Ferguson
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- (71)** SALAMANDER IP HOLDINGS LLC
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(21) 2023242596 (**(22)** 30.03.2023
(54) GAS CONDENSATE REMOVAL HEATING SYSTEM
(51) Int. Cl.
E21B 36/04 (2006.01)
E21B 43/24 (2006.01)
E21B 47/06 (2012.01)
(87) WO2023/187123
(31) 63/326,309 (**(32)** 01.04.22 **(33)** US
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(43) 05.10.2023
(72) KARANIKAS, John Michael; HARLEY, Robert Guy; PASTOR, Guillermo
(74) Griffith Hack
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- (71)** SAMSUNG ELECTRONICS CO., LTD.
(11) AU-A-2023234976
(21) 2023234976 (**(22)** 13.03.2023
(54) TA INDICATION AND APPLICATION WITH MULTIPLE TRANSMISSION AND RECEPTION POINTS
(51) Int. Cl.
H04W 72/231 (2023.01)
H04L 5/00 (2006.01)
H04W 56/00 (2009.01)
H04W 72/12 (2023.01)
(87) WO2023/177173
(31) 63/320,088 (**(32)** 15.03.22 **(33)** US
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(72) FARAG, Emad Nader; PARK, Kyoungmin; ONGGOSANUSI, Eko Nugroho; ZHU, Dalin; PAPASAKELLARIOU, Aristides
(74) Griffith Hack
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- (71)** SANDVIK MINING AND CONSTRUCTION OY
(11) AU-A-2023234622
(21) 2023234622 (**(22)** 08.03.2023
(54) COORDINATE TRANSFORMATION FOR MINING VEHICLE POSITIONING
(51) Int. Cl.
G05D 1/20 (2024.01)
E21B 7/02 (2006.01)
(87) WO2023/174771
(31) 22162701.1 (**(32)** 17.03.22 **(33)** EP
(43) 21.09.2023
(72) HÄMÄLÄINEN, Jyrki; HYYPÄ, Samuel; SIIVONEN, Lauri
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71)** SB INGENIERIE
(11) AU-A-2023238797
(21) 2023238797 (**(22)** 24.03.2023
(54) DEVICE FOR FASTENING A PANEL TO A FACADE
(51) Int. Cl.
E04F 13/00 (2006.01)
E04F 13/073 (2006.01)
E04F 13/08 (2006.01)
E04F 13/24 (2006.01)
E04F 13/26 (2006.01)
E04F 13/28 (2006.01)
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(43) 28.09.2023
(72) ROUIF, Léandre; CHAPEL, Romain; GIACOMETTI, Sylvianne
(74) Kings Patent & Trade Marks Attorneys Pty Ltd
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- (71)** SCHLUMBERGER TECHNOLOGY B.V.
(11) AU-A-2023239033
(21) 2023239033 (**(22)** 24.03.2023
(54) REAL-TIME ANALYSIS OF PRODUCTION CHEMICALS AT WELLSITES
(51) Int. Cl.
E21B 49/08 (2006.01)
E21B 43/16 (2006.01)
E21B 47/11 (2012.01)
(87) WO2023/183546
(31) 63/269,883 (**(32)** 24.03.22 **(33)** US
(43) 28.09.2023
(72) MAHAVADI, Sharath Chandra; FENG, Ling; BARDUK, Olga; EVJENTH, Rune
(74) Griffith Hack
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- (71)** SEAS GEOSCIENCES, LLC
(11) AU-A-2023254814
(21) 2023254814 (**(22)** 12.06.2023
(54) THERMAL CONDUCTIVITY PROBE
(51) Int. Cl.
G01N 25/18 (2006.01)
G01N 3/02 (2006.01)
G01N 3/48 (2006.01)
G01N 33/24 (2006.01)
(87) WO2023/201123
(31) 63/330,776 (**(32)** 14.04.22 **(33)** US
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(43) 19.10.2023
(72) GREGG, John
(74) Spruson & Ferguson
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- (71)** SEED HEALTH INC.
(11) AU-A-2023240350
(21) 2023240350 (**(22)** 22.03.2023
(54) CONTAINER WITH FEEDBACK
(51) Int. Cl.
A61J 7/04 (2006.01)
A61J 1/03 (2023.01)
B65D 83/04 (2006.01)
(87) WO2023/183837
(31) 63/323,008 (**(32)** 23.03.22 **(33)** US
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(72) KATZ, Ara; DHIR, Raja; SAKUMA, Yuji; BELOFF, Chelsea
(74) Madderns Pty Ltd

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 (11) AU-A-2023269740
 (21) 2023269740 (22) 11.05.2023
 (54) WALKWAY INTEGRATED WITH COOLING SYSTEM
 (51) Int. Cl.
E04G 3/22 (2006.01)
E04D 13/12 (2006.01)
E04G 3/26 (2006.01)
E04G 5/00 (2006.01)
E04G 5/02 (2006.01)
E04G 5/08 (2006.01)
E04G 5/14 (2006.01)
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F24F 1/68 (2011.01)
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 (31) 17/742,308 (32) 11.05.22 (33) US
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- (71) SHANGHAI SIMR BIOTECHNOLOGY CO., LTD
 (11) AU-A-2023223341
 (21) 2023223341 (22) 17.02.2023
 (54) IMIDAZOPYRIDAZINE DERIVATIVE, AND PREPARATION METHOD THEREFOR, PHARMACEUTICAL COMPOSITION THEREOF AND USE THEREOF
 (51) Int. Cl.
C07D 519/00 (2006.01)
A61K 31/5025 (2006.01)
A61P 25/00 (2006.01)
 (87) WO2023/160475
 (31) 202210178772.9 (32) 25.02.22 (33) CN
 (43) 31.08.2023
 (72) WANG, Fei; CHEN, Nanyang; SUN, Yong
 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) SHARKNINJA OPERATING LLC
 (11) AU-A-2022450402
 (21) 2022450402 (22) 29.06.2022
 (54) GRILL SYSTEM WITH SMOKE ASSEMBLY
 (51) Int. Cl.
A47J 37/07 (2006.01)
 (87) WO2023/191891
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 (21) 2023233373 (22) 17.03.2023
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- (54) CARBON DIOXIDE IMMOBILIZATION METHOD AND CURED CEMENT BODY FOR CARBON DIOXIDE IMMOBILIZATION
 (51) Int. Cl.
C04B 41/62 (2006.01)
B01D 53/62 (2006.01)
C04B 28/02 (2006.01)
C23F 11/14 (2006.01)
E04G 23/02 (2006.01)
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 (31) 2022-042454 (32) 17.03.22 (33) JP
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 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) SHOPIFY INC.
 (11) AU-A-2023234196
 (21) 2023234196 (22) 27.01.2023
 (54) DUAL STAGE BULKHEADS
 (51) Int. Cl.
G06F 9/50 (2006.01)
G06F 11/30 (2006.01)
G06Q 30/00 (2023.01)
 (87) WO2023/173199
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 (43) 21.09.2023
 (72) POLAN, Damian Arpad; LI, Justin
 (74) Murray Trento & Associates Pty Ltd
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- (71) SHOULDER INNOVATIONS, INC.
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 (21) 2023240964 (22) 21.03.2023
 (54) STEMLESS, CONVERTIBLE, HUMERAL SHOULDER PROSTHESIS
 (51) Int. Cl.
A61F 2/40 (2006.01)
 (87) WO2023/183283
 (31) 63/322,201 (32) 21.03.22 (33) US
 (43) 28.09.2023
 (72) BALL, Robert J.; RUNNING, Donald E.
 (74) Michael Buck IP
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 (11) AU-A-2023228226
 (21) 2023228226 (22) 28.02.2023
 (54) HER3 BINDING PROTEIN AND USE THEREOF
 (51) Int. Cl.
C07K 16/32 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
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 (21) 2023271019 (22) 09.05.2023
 (54) LONG-ACTING SUSTAINED-RELEASE PREPARATION CONTAINING PRAMIPEXOLE AND PREPARATION METHOD THEREFOR
 (51) Int. Cl.
A61K 9/16 (2006.01)
A61K 9/52 (2006.01)
A61K 31/428 (2006.01)
A61K 47/32 (2006.01)
A61K 47/34 (2017.01)
A61P 25/16 (2006.01)
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 (21) 2023272987 (22) 09.05.2023
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 (51) Int. Cl.
A61K 9/16 (2006.01)
A61K 31/428 (2006.01)
A61P 25/16 (2006.01)
 (87) WO2023/221816
 (31) 202210528150.4 (32) 16.05.22 (33) CN
 (43) 23.11.2023
 (72) SU, Zhengxing; DING, Duohao; CHEN, Zhihao; ZHAO, Dong
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- (71) SINGAPORE POLYTECHNIC
 (11) AU-A-2023241533
 (21) 2023241533 (22) 30.03.2023
 (54) METHOD FOR HIGH AND SELECTIVE EXTRACTION OF A PRECIOUS METAL
 (51) Int. Cl.
C22B 3/12 (2006.01)
C22B 11/08 (2006.01)
 (87) WO2023/191722
 (31) 10202203313P (32) 31.03.22 (33) SG
 (43) 05.10.2023
 (72) GOH, Fu Wei, Thomas; LIM, Zheng Bang; ANG, Sook Bee, Melissa; YIN, Xi Jiang; KOH, Cheng Yan, Jeane
 (74) Spruson & Ferguson
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- (71) SKYBUDI PTY LTD
 (11) AU-A-2023247268
 (21) 2023247268 (22) 30.03.2023
 (54) AIRCRAFT STRETCHER
 (51) Int. Cl.
A61G 1/013 (2006.01)
A61G 1/044 (2006.01)
A61G 1/048 (2006.01)
A61G 1/052 (2006.01)
A61G 1/06 (2006.01)
A61G 3/08 (2006.01)
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 HEATH, Linda; BLYTHMAN, Matthew;
 RICHARDSON, Matthew Charles; EIS-
 ENBART, Boris; LUX, Benedikt
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) SOIN, M.V.
 (11) AU-A-2022450649
 (21) 2022450649 (22) 17.05.2022
 (54) A CUSTOMIZABLE DETACHABLE
 SHOE
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A43B 3/24 (2006.01)
 (87) WO2023/187457
 (31) 202211019418 (32) 31.03.22 (33) IN
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 (72) SOIN, Mr. Vatsal
 (74) Remarkable IP

(71) SONG, Z.; SONG, S.; SONG, Z.
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 (21) 2022441023 (22) 15.07.2022
 (54) INTERNAL PRESSURE SELF-SEAL-
 ING ROTARY COMPENSATOR
 (51) Int. Cl.
F16L 51/00 (2006.01)
F16L 27/08 (2006.01)
 (87) WO2023/155374
 (31) 202210135476.0 (32) 15.02.22 (33) CN
 (43) 24.08.2023
 (72) SONG, Zhanggen; SONG, Suwei;
 SONG, Zhicheng; ZHANG, Jie; LI, Tian-
 hong
 (74) WRAYS PTY LTD

(71) SONG, Z.; SONG, S.; SONG, Z.
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 (54) EFFICIENT HYDROKINETIC ROTAT-
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 (51) Int. Cl.
F03B 13/00 (2006.01)
F03B 11/00 (2006.01)
 (87) WO2023/155375
 (31) 202210135471.8 (32) 15.02.22 (33) CN
 (43) 24.08.2023
 (72) SONG, Zhanggen; SONG, Suwei;
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(71) SORBONNE UNIVERSITE; CENTRE
 NATIONAL DE LA RECHERCHE SCI-
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 (11) AU-A-2022447814
 (21) 2022447814 (22) 22.03.2022
 (54) METHOD FOR PRESERVING CELLS
 (51) Int. Cl.
A01N 1/02 (2006.01)
 (87) WO2023/180635
 (43) 28.09.2023
 (72) FERNANDES, Francisco; HELARY,
 Christophe; QIN, Kankan
 (74) Michael Buck IP

(71) SPRAYING SYSTEMS CO.
 (11) AU-A-2023241608
 (21) 2023241608 (22) 28.03.2023
 (54) ELECTROSTATIC SPRAY NOZZLE IN-
 CLUDING INDUCTION RING
 (51) Int. Cl.
B05B 5/03 (2006.01)
A23P 10/47 (2016.01)
B05B 5/043 (2006.01)
B05B 5/053 (2006.01)
 (87) WO2023/192245
 (31) 63/325,709 (32) 31.03.22 (33) US
 (43) 05.10.2023
 (72) ACKERMAN, Thomas, Elliot; RUSCH,
 Jason, Tyler; SIT, Lyndon, John, Wee
 (74) Spruson & Ferguson

(71) SPRINGWORKS THERAPEUTICS
 INC.
 (11) AU-A-2023233745
 (21) 2023233745 (22) 16.03.2023
 (54) TREATMENT OF NEUR-
 OFIBROMATOSIS TYPE 1 (NF1)
 ASSOCIATED PLEXIFORM NEUR-
 OFIBROMAS (PN) IN PEDIATRIC PA-
 TIENTS WITH MIRDAMETINIB
 (51) Int. Cl.
C07C 259/10 (2006.01)
A61K 31/437 (2006.01)
A61P 17/00 (2006.01)
A61P 35/00 (2006.01)
C07D 471/04 (2006.01)
 (87) WO2023/178256
 (31) 63/321,036 (32) 17.03.22 (33) US
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 (43) 21.09.2023
 (72) ILOEJE, Uchenna H; LANGSETH, Ab-
 raham J; SHEARER, Todd
 (74) FB Rice Pty Ltd

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 INC.
 (11) AU-A-2023234587
 (21) 2023234587 (22) 16.03.2023
 (54) NON-LINEAR DOSING OF MIR-
 DAMETINIB
 (51) Int. Cl.
A61K 31/166 (2006.01)
A61K 31/015 (2006.01)
A61K 31/16 (2006.01)
A61K 31/165 (2006.01)
 (87) WO2023/178254
 (31) 63/321,036 (32) 17.03.22 (33) US
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 (43) 21.09.2023
 (72) ILOEJE, Uchenna H; LANGSETH, Ab-
 raham J; SHEARER, Todd
 (74) FB Rice Pty Ltd

(71) SPRINGWORKS THERAPEUTICS
 INC.
 (11) AU-A-2023234590
 (21) 2023234590 (22) 16.03.2023
 (54) TREATMENT OF CUTANEOUS NEUR-
 OFIBROMAS WITH MIRDAMETINIB
 (51) Int. Cl.
C07C 259/10 (2006.01)
A61K 31/437 (2006.01)
A61P 17/00 (2006.01)

A61P 35/00 (2006.01)
C07D 471/04 (2006.01)
 (87) WO2023/178269
 (31) 63/321,036 (32) 17.03.22 (33) US
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 (43) 21.09.2023
 (72) ILOEJE, Uchenna H; LANGSETH, Ab-
 raham J
 (74) FB Rice Pty Ltd

(71) SPRINGWORKS THERAPEUTICS
 INC.
 (11) AU-A-2023236367
 (21) 2023236367 (22) 16.03.2023
 (54) MIRDAMETINIB TREATMENT
 (51) Int. Cl.
A61K 31/166 (2006.01)
A61K 31/015 (2006.01)
A61K 31/16 (2006.01)
A61K 31/165 (2006.01)
 (87) WO2023/178262
 (31) 63/321,036 (32) 17.03.22 (33) US
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 (43) 21.09.2023
 (72) ILOEJE, Uchenna H; LANGSETH, Ab-
 raham J; SHEARER, Todd
 (74) FB Rice Pty Ltd

(71) ST. JUDE CHILDREN'S RESEARCH
 HOSPITAL, INC.
 (11) AU-A-2023234593
 (21) 2023234593 (22) 16.03.2023
 (54) TREATMENT OF LOW-GRADE
 GLIOMA WITH MIRDAMETINIB
 (51) Int. Cl.
A61K 31/16 (2006.01)
A61K 31/165 (2006.01)
A61K 31/166 (2006.01)
A61P 35/00 (2006.01)
 (87) WO2023/178284
 (31) 63/321,042 (32) 17.03.22 (33) US
 (43) 21.09.2023
 (72) BAKER, Suzanne; RANKOVIC, Zor-
 an; FREEMAN, Burgess; ROBINSON,
 Giles
 (74) FB Rice Pty Ltd

(71) STADA ARZNEIMITTEL AG; XBRANE
 BIOPHARMA AB
 (11) AU-A-2023241211
 (21) 2023241211 (22) 23.03.2023
 (54) METHOD FOR PREPARING A STER-
 ILISED DRUG DELIVERY DEVICE
 (51) Int. Cl.
A61M 5/178 (2006.01)
A61M 5/00 (2006.01)
 (87) WO2023/180450
 (31) 22164479.2 (32) 25.03.22 (33) EP
 (43) 28.09.2023
 (72) BELDA DE LAMA, Oscar; BASHIRI,
 Siavash; WALLSTRÖM, Anders;
 BJÖRNSTEDT, Robert; RAMBERG,
 Veronica; VOGT, Andreas
 (74) Griffith Hack

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- (71) STATE GRID SMART GRID RESEARCH INSTITUTE CO., LTD.
 (11) AU-A-2024219376
 (21) 2024219376 (22) 29.01.2024
 (54) HIGH-SATURATION MAGNETIC-INDUCTION NANOCRYSTALLINE SOFT MAGNETIC ALLOY, AND PREPARATION METHOD THEREFOR AND USE THEREOF
 (51) Int. Cl.
 C22C 38/02 (2006.01)
 C21D 8/12 (2006.01)
 C22C 33/00 (2006.01)
 C22C 38/12 (2006.01)
 C22C 38/16 (2006.01)
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 (72) HAN, Yu; SUN, Hao; YANG, Fuyao; LIU, Yang; GAO, Jie; CHEN, Xin; WANG, Cong; LIU, Chengyu
 (74) Maxwells Patent & Trade Mark Attorneys Pty Ltd
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- (71) SWISCA AG
 (11) AU-A-2023244529
 (21) 2023244529 (22) 03.04.2023
 (54) MACHINE FOR FRACTIONATING GROUND GRAIN PRODUCTS
 (51) Int. Cl.
 B07B 1/46 (2006.01)
 B07B 13/18 (2006.01)
 (87) WO2023/187216
 (31) CH000375/2022 (32) 01.04.22 (33) CH
 CH000837/2022 13.07.22 CH
 (43) 05.10.2023
 (72) ENSSLIN, Oliver; SCHÄR, Jonas
 (74) Catalyst Intellectual Property
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 (11) AU-A-2023232987
 (21) 2023232987 (22) 08.03.2023
 (54) A HAIRBRUSH
 (51) Int. Cl.
 A46B 5/00 (2006.01)
 A46B 7/04 (2006.01)
 A46B 17/04 (2006.01)
 (87) WO2023/170414
 (31) 2203289.0 (32) 09.03.22 (33) GB
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 (43) 14.09.2023
 (72) DUNN, Richard; IVES, Andrew; LAWRENCE, Chris; TOWELL, Ben
 (74) Remarkable IP
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- (71) TARIS BIOMEDICAL LLC
 (11) AU-A-2023221045
 (21) 2023221045 (22) 17.02.2023
 (54) ERDAFITINIB FORMULATIONS AND OSMOTIC SYSTEMS FOR INTRAVESICAL ADMINISTRATION
 (51) Int. Cl.
 A61K 31/517 (2006.01)
 A61K 9/20 (2006.01)
 A61M 31/00 (2006.01)
 (87) WO2023/159216
 (31) 63/311,855 (32) 18.02.22 (33) US
 (43) 24.08.2023
 (72) DANIEL, Karen; DHONDT, Jens Julian Maurits Andre; DUBOIS, Kristof Johan W; HEYNS, Philip Erna H; KIMPE, Kristof Leonard; MAMIDI, Srinivas; GIESLING, Dennis
 (74) Spruson & Ferguson
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- (71) TEAMSTACK.AI CORP.
 (11) AU-A-2023238733
 (21) 2023238733 (22) 20.03.2023
 (54) METHODS AND SYSTEMS FOR GENERATION OF PERFORMANCE OPTIMIZATION RECOMMENDATIONS AND RELATED DATA VISUALIZATION
 (51) Int. Cl.
 G06Q 10/06 (2023.01)
 G06F 9/451 (2018.01)
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 B01J 8/00 (2006.01)
 C21B 13/10 (2006.01)
 C21B 13/12 (2006.01)
 C22B 5/10 (2006.01)
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 C07D 401/14 (2006.01)
 C07D 405/14 (2006.01)
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B32B 9/00 (2006.01)
B32B 15/085 (2006.01)
B32B 27/10 (2006.01)
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A61K 31/519 (2006.01)
A61P 35/00 (2006.01)
C07C 55/10 (2006.01)
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A61K 45/00 (2006.01)
A61P 35/00 (2006.01)
C07K 2/00 (2006.01)
C07K 14/435 (2006.01)
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A61P 27/02 (2006.01)
C07K 14/005 (2006.01)
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B60R 9/04 (2006.01)
B60R 11/00 (2006.01)
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C02F 1/467 (2023.01)
C25B 3/23 (2021.01)
C25B 11/057 (2021.01)
C25B 11/091 (2021.01)
C02F 101/36 (2006.01)
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A01N 25/30 (2006.01)
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(54) A RECREATIONAL VEHICLE SOLAR
PANEL SYSTEM
(51) Int. Cl.
H02S 20/30 (2014.01)
B60R 9/04 (2006.01)
B60R 11/00 (2006.01)
H02S 30/20 (2014.01)
(87) WO2023/193040
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(43) 12.10.2023
(72) UPSHALL, David
(74) Patentec Patent Attorneys
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- (71) URTESTE S.A.
(11) AU-A-2023256464
(21) 2023256464 (22) 19.04.2023
(54) COMPOUND - DIAGNOSTIC MARK-
ER FOR KIDNEY CANCER, METH-
OD FOR DETECTING ENZYMATI-
C ACTIVITY, METHOD FOR DIAGNOSIS
OF KIDNEY CANCER, KIT COMPRIS-
ING THE COMPOUND, USES OF THE
COMPOUND AND METHOD FOR THE
TREATMENT OF KIDNEY CANCER
(51) Int. Cl.
C07K 5/103 (2006.01)
A61P 35/00 (2006.01)
C12Q 1/37 (2006.01)
G01N 33/574 (2006.01)
(87) WO2023/204721
(31) P.440976 (32) 20.04.22 (33) PL
(43) 26.10.2023
(72) LESNER, Adam; GRUBA, Natalia
(74) Halfords IP
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- (71) UTOPIUS INSIGHTS, INC.
(11) AU-A-2023236822
(21) 2023236822 (22) 17.03.2023
(54) SYSTEMS AND METHODS FOR
RAMP PREDICTIONS FOR FORE-
CASTING POWER USING NEIGH-
BORING SITES
(51) Int. Cl.
H02J 3/00 (2006.01)
F03D 17/00 (2016.01)
G06N 5/01 (2023.01)
H02J 3/38 (2006.01)
(87) WO2023/178328
(31) 63/269,541 (32) 17.03.22 (33) US
63/488,629 06.03.23 US
(43) 21.09.2023
(72) KEERTHISINGHE, Chanaka; RE-
IS MACHADO DA SILVA, Ana Rita;
TARDAGUILA CALVO, Paulino; THEIS,
Thomas N.; HORVATH, Gabor
(74) Spruson & Ferguson
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- (71) VÄLINGE INNOVATION AB
(11) AU-A-2023243732
(21) 2023243732 (22) 28.03.2023
(54) LOCKING DEVICE COMPRISING A
LOCKING PART AND A SPRING FOR
LOCKING TWO ELEMENTS TO ONE
ANOTHER
(51) Int. Cl.
F16B 12/24 (2006.01)
A47B 47/04 (2006.01)
(87) WO2023/191694
(31) 2250408-8 (32) 31.03.22 (33) SE
(43) 05.10.2023
(72) SVENSSON, Johan
(74) PHILLIPS ORMONDE FITZPATRICK
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E21B 47/01 (2012.01)
E21B 47/024 (2006.01)
E21B 47/12 (2012.01)
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 (72) CASE, Michael; TOMASZEWSKI, Adam; LACHANCE, Anthony
 (74) FPA Patent Attorneys Pty Ltd
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 (51) Int. Cl.
C07D 515/08 (2006.01)
A61P 11/00 (2006.01)
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 (74) AJ PARK
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 (21) 2023248379 (22) 28.03.2023
 (54) INSTRUMENTED END-EFFECTOR FOR HORTICULTURAL CROP MANAGEMENT TASKS
 (51) Int. Cl.
A01D 46/24 (2006.01)
B25J 15/00 (2006.01)
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 (74) Wynnes Patent and Trade Mark Attorneys Pty Ltd
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 (54) METHODS, COMPOSITIONS, AND COMBINATIONS FOR PREVENTING OR TREATING CANCER RECURRENT
 (51) Int. Cl.
G01N 33/50 (2006.01)
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C12N 5/071 (2010.01)
A61K 31/4025 (2006.01)
A61K 31/4155 (2006.01)
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 (54) A METHOD OF JOINING TPE TUBES
 (51) Int. Cl.
B29C 65/02 (2006.01)
B29C 65/00 (2006.01)
B29C 65/10 (2006.01)
B29C 65/68 (2006.01)
B29C 65/82 (2006.01)
B29K 21/00 (2006.01)
B29K 101/12 (2006.01)
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 (51) Int. Cl.
H02G 15/18 (2006.01)
H01R 4/02 (2006.01)
H01R 4/72 (2006.01)
H01R 43/02 (2006.01)
H02G 15/013 (2006.01)
H02G 15/23 (2006.01)
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C07K 14/54 (2006.01)
A61K 38/20 (2006.01)
A61P 35/00 (2006.01)
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 (74) Spruson & Ferguson
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- (71) WILDBURGER, N.
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 (51) Int. Cl.
G01N 33/543 (2006.01)
C07K 14/00 (2006.01)
C07K 16/00 (2006.01)
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 (72) WILDBURGER, Norelle
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- (71) WOLF, R.K.
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 (21) 2023225957 (22) 22.02.2023
 (54) ADVANCED IMPLANTABLE ENDOVASCULAR, LOW PROFILE INTRACARDIAC LEFT ATRIAL RESTRAINING DEVICES FOR LOW ENERGY ATRIAL CARDIOVERSION, PACING AND SENSING
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A61N 1/05 (2006.01)
A61N 1/36 (2006.01)
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 (72) WOLF, Randall K.; SPENCE, Paul
 (74) FB Rice Pty Ltd
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 (54) SIDE IMPACT PROTECTING BLOCK AND CHILD SAFETY SEAT WITH THE SAME
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B60N 2/28 (2006.01)
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 (72) GUO, Zhengwen; LI, Ruyi; CHEN, Yingzhong
 (74) Allens Patent & Trade Mark Attorneys
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 (21) 2023236305 (22) 17.02.2023
 (54) COMPUTING APPARATUS, METHOD, AND PROGRAM FOR DATA RECONCILIATION
 (51) Int. Cl.
G06Q 40/12 (2023.01)
 (87) WO2023/177308
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 (72) MCNAB, Rodger; RADA-VILELA, Juan Carlos; ROACHE, Stanley
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 (21) 2023240818 (22) 16.02.2023
 (54) METHODS, SYSTEMS, AND COMPUTER-READABLE MEDIA FOR GENERATING LABELLED DATASETS
 (51) Int. Cl.
 G06F 40/284 (2020.01)
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 G06N 20/00 (2019.01)
 G06Q 20/40 (2012.01)
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 (72) DRIDAN, Rebecca; CHEAH, Soon-Ee
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 H01M 50/258 (2021.01)
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 (54) WIND POWER PLANT DELIVERY LINE PILOT PROTECTION METHOD AND SYSTEM BASED ON IMPEDANCE FEATURE
 (51) Int. Cl.
 H02H 7/26 (2006.01)
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 (43) 11.07.2024
 (72) FAN, Yanfang; NIU, Weimin; SUN, Yao; LI, Hao; MA, Yifei
 (74) Peng Zhang

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 (21) 2023234543 (22) 15.03.2023
 (54) BI-FUNCTIONAL MOLECULES TO DEGRADE CIRCULATING PROTEINS
 (51) Int. Cl.
 A61K 47/54 (2017.01)
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 A61K 47/64 (2017.01)
 (87) WO2023/178179
 (31) 17/695,259 (32) 15.03.22 (33) US

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 (72) SPIEGEL, David; CAIANIELLO, David
 (74) RnB IP

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 (21) 2023236291 (22) 15.03.2023
 (54) BIFUNCTIONAL SMALL MOLECULES TO TARGET THE SELECTIVE DEGRADATION OF CIRCULATING PROTEINS
 (51) Int. Cl.
 A61K 47/54 (2017.01)
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 A61K 47/64 (2017.01)
 (87) WO2023/178202
 (31) 17/695,645 (32) 15.03.22 (33) US
 (43) 21.09.2023
 (72) SPIEGEL, David; CAIANIELLO, David; ZHANG, Mengwen
 (74) RnB IP

(71) YAMINE, A.; YAMINE, E.
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 (21) 2022448265 (22) 25.03.2022
 (54) SYSTEM AND METHOD OF RECYCLING RECYCLABLE MATERIALS
 (51) Int. Cl.
 B65F 1/00 (2006.01)
 B65F 5/00 (2006.01)
 (87) WO2023/183006
 (43) 28.09.2023
 (72) YAMINE, Alexander; YAMINE, Elias
 (74) Spruson & Ferguson

(71) YEMBO, INC.
 (11) AU-A-2023258564
 (21) 2023258564 (22) 22.04.2023
 (54) SCANNING INTERFACE SYSTEMS AND METHODS FOR BUILDING A VIRTUAL REPRESENTATION OF A LOCATION
 (51) Int. Cl.
 G06F 3/01 (2006.01)
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 G06T 19/00 (2011.01)
 (87) WO2023/209522
 (31) 63/335,335 (32) 27.04.22 (33) US
 (43) 02.11.2023
 (72) BABINOWICH, Kyle; EDER, Marc; SHUSTER, Marguerite; RATTNER, Zachary
 (74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd

(71) ZTE CORPORATION
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 (21) 2022463030 (22) 07.06.2022
 (54) SYSTEMS AND METHODS FOR INTER-DONOR MIGRATION AND APPARATUS
 (51) Int. Cl.
 H04L 41/0897 (2022.01)
 H04W 36/00 (2009.01)
 (87) WO2023/236050

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 (72) HUANG, Ying; CHEN, Lin
 (74) Spruson & Ferguson

(71) ZTE CORPORATION
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 (21) 2023381837 (22) 18.01.2023
 (54) WIRELESS COMMUNICATION METHOD FOR PHYSICAL RANDOM ACCESS CHANNEL, APPARATUS, AND COMPUTER-READABLE MEDIUM
 (51) Int. Cl.
 H04W 74/08 (2009.01)
 (87) WO2024/103527
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 (72) LIU, Xing; ZHANG, Junfeng; HAN, Xi-anhui; LI, Jian
 (74) Spruson & Ferguson

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2021268127	Respect Intelligence Inspection Limited	2023223577	CARLSBERG BREWERIES A/S
2022210955	NGLTECH SERVICES SDN. BHD.	2023223578	EYED PHARMA
2022222825	LK MANAGEMENT PTY LTD	2023224287	INOVIO PHARMACEUTICALS, INC.
2022348783	JIANGSU ALPHAMAB BIOPHARMACEUTICALS CO., LTD.; SUZHOU ALPHAMAB CO., LTD.	2023224519	REPARE THERAPEUTICS INC.
2022441023	SONG, Z.; SONG, S.; SONG, Z.	2023224854	TERNS PHARMACEUTICALS, INC.
2022441698	SONG, Z.; SONG, S.; SONG, Z.	2023225133	FUNDACIO INSTITUT DE BIOENGINYERIA DE CATALUNYA; SCRANTON ENTERPRISES B.V.
2022442262	KIMBERLY-CLARK WORLDWIDE, INC.	2023225137	CARLSBERG BREWERIES A/S
2022443398	KIMBERLY-CLARK WORLDWIDE, INC.	2023225211	GARCÍA SADA, F.
2022444968	HUDDLY AS	2023225231	ENTERA BIO LTD.
2022445815	RAZER (ASIA-PACIFIC) PTE. LTD.	2023225603	BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM
2022446233	N.V. NUTRICIA	2023225698	HOVER, INC.
2022446870	MITSUBISHI JIDOSHA KOGYO KABUSHIKI KAISHA	2023225701	KIMBERLY-CLARK WORLDWIDE, INC.
2022447141	ENZA ZADEN BEHEER B.V.	2023225835	HAISCO PHARMACEUTICALS PTE. LTD.
2022447723	TOTALENERGIES ONETECH	2023225951	AUGMEDICS, INC.
2022447814	SORBONNE UNIVERSITE; CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE	2023225957	WOLF, R.K.
2022448099	KLOTHO SCIENCES CO., LTD.	2023226080	ALLEN INSTITUTE
2022448109	CONNEX LIMITED	2023226092	ENTERA BIO LTD.
2022448265	YAMINE, A.; YAMINE, E.	2023226165	TEMPUS AI, INC.
2022448510	IHI CORPORATION	2023226175	ACM BIOLABS PTE LTD
2022448528	ENAEX SERVICIOS SA; ENAEX SA	2023226255	LEVISTOR LTD
2022449641	ECO (XIAMEN) TECHNOLOGY INC.	2023226367	UBE CORPORATION
2022449753	C.I.TAKIRON CORPORATION	2023226459	GROHE AG
2022450402	SHARKNINJA OPERATING LLC	2023226548	HAISCO PHARMACEUTICALS PTE. LTD.
2022450649	SOIN, M.V.	2023226618	ENTERA BIO LTD.
2022452376	HSU, H.	2023226619	ENTERA BIO LTD.
2022452899	NOOTER/ERIKSEN, INC.	2023227254	HUAWEI TECHNOLOGIES CO., LTD.
2022453153	HITACHI, LTD.	2023227347	WILDBURGER, N.
2022455883	BEIJING ETECHWIN ELECTRIC CO., LTD.	2023227414	QUOCEANT LIMITED
2022459285	JGC CORPORATION	2023227517	COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN
2022463030	ZTE CORPORATION	2023227518	COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN
2022477346	BERTECH PANAMÁ S.A.	2023227545	PROTOTYPE GARAGE LLC
2022486179	NOKTA MUHENDISLIK ANONIM SIRKETI	2023227591	UCHU BIOSENSORS, INC. (d/b/a LURA HEALTH)
2023209089	OSOM PRODUCTS, INC.	2023227849	COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN
2023219785	KNOWN MEDICINE INC.	2023228073	AMESPMTECH CENTER; INNOVATIVE MINDS S.L
2023220082	VUJA DE SCIENCES, INC.	2023228115	COVENY, P.K.; COUNSELL, R.J.; KENNEDY, D.G.
2023220163	C-POLAR TECHNOLOGIES, INC.	2023228226	SICHUAN KELUN-BIOTECH BIOPHARMACEUTICAL CO., LTD.
2023220174	TECK RESOURCES LIMITED	2023228370	UPL CORPORATION LIMITED; UPL EUROPE LTD
2023220527	BRONSERT, D.	2023228658	ADRENALINEIP
2023220752	IMPLANTICA PATENT LTD	2023228674	PROTOTYPE GARAGE LLC
2023221045	TARIS BIOMEDICAL LLC	2023228699	TOWERS GROUP PTY LTD
2023221152	NIPPON STEEL CORPORATION	2023228709	ELEMENT BIOSCIENCES, INC.
2023221404	BRISTOL-MYERS SQUIBB COMPANY	2023228879	COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN
2023221531	EVONIK OPERATIONS GMBH	2023229001	EUROPEAN TRAILER SYSTEMS GMBH
2023221535	IMPLANTICA PATENT LTD; FORSELL, P.	2023229094	ELEMENT BIOSCIENCES, INC.
2023221544	IMPLANTICA PATENT LTD	2023229142	DAIICHI SANKYO COMPANY, LIMITED
2023221549	JANSSSEN PHARMACEUTICA NV	2023229292	MEDWATCH TECHNOLOGIES, INC.
2023221822	PENGEKIPHEN BIOTECH LIMITED COMPANY	2023229571	ANHUI LVWO RECYCLING ENERGY TECHNOLOGY CO., LTD.
2023221843	ANOKION SA	2023229670	LG ELECTRONICS INC.
2023221850	BRISTOL-MYERS SQUIBB COMPANY	2023229674	LG ELECTRONICS INC.
2023221895	INKSPACE IMAGING, INC.	2023229811	NEXT LEVEL RACING SIMULATIONS PTY LTD
2023221910	GUANGZHOU REALBENEFITSPOT PHARMACEUTICAL CO., LTD.	2023229899	KÖRBER SUPPLY CHAIN DK A/S
2023221911	QINGDAO HAIER WASHING MACHINE CO., LTD.; HAIER SMART HOME CO., LTD.	2023229985	HUAWEI TECHNOLOGIES CO., LTD.
2023222162	MEDICALTREE PATENTS LTD.	2023230071	AQUALUNG CORPORATE
2023222170	IMPLANTICA PATENT LTD	2023230480	LG ELECTRONICS INC.
2023222172	IMPLANTICA PATENT LTD	2023230707	RAZER (ASIA-PACIFIC) PTE. LTD.
2023222243	GUANGZHOU REALBENEFITSPOT PHARMACEUTICAL CO., LTD.	2023230877	C3.AI, INC.
2023222253	DR WELLER LIMITED	2023231005	LG ELECTRONICS INC.
2023222260	DEBRECENI EGYETEM	2023231387	KÖRBER SUPPLY CHAIN DK A/S
2023222661	GALLAGHER GROUP LIMITED	2023231401	IAGE TECH LIMITED
2023222767	VERACIO LTD.	2023231451	CAERUS MEDICAL
2023223341	SHANGHAI SIMR BIOTECHNOLOGY CO., LTD		
2023223471	METAGENOMI, INC.		
2023223557	ADC THERAPEUTICS SA		

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2023231536	LEHIGH UNIVERSITY	2023237830	LEIDOS SECURITY DETECTION & AUTOMATION, INC.
2023231574	OBERFELD, N.B.	2023237836	CATERPILLAR GLOBAL MINING LLC
2023231849	JFE STEEL CORPORATION; TOHOKU UNIVERSITY	2023237861	AMETRINE TECHNOLOGIES LTD.
2023231936	LG ELECTRONICS INC.	2023237869	AEROFIL FILTERS INDIA PRIVATE LIMITED
2023231975	PHYX44 LABS PRIVATE LIMITED	2023238041	BECKMAN COULTER BIOTECHNOLOGY (SUZHOU) CO., LTD.; BECKMAN COULTER, INC.
2023232134	NEUROCRINE BIOSCIENCES, INC.	2023238117	IDEXX LABORATORIES, INC.
2023232442	XEROTECH LIMITED	2023238423	BAE SYSTEMS PLC
2023232657	ADEKA CORPORATION; NIHON NOHYAKU CO., LTD.	2023238467	PICTORYTALE AS
2023232668	LG ELECTRONICS INC.	2023238668	BAKER HUGHES OILFIELD OPERATIONS LLC
2023232814	M.A. MED ALLIANCE SA	2023238713	BLUE OCEAN CLOSURES AB
2023232831	Q-CTRL PTY LTD	2023238733	TEAMSTACK.AI CORP.
2023232876	ELPISCIENCE BIOPHARMA, LTD.; ELPISCIENCE (SUZHOU) BIOPHARMA, LTD.	2023238797	SB INGENIERIE
2023232987	TANGLE ANGEL LIMITED; BNC ENGINEERING SOLUTIONS LTD	2023238888	PROCORE TECHNOLOGIES, INC.
2023233373	SHIMIZU CORPORATION; NATIONAL UNIVERSITY CORPORATION HOKKAIDO UNIVERSITY	2023238896	ALLYX THERAPEUTICS, INC.; YALE UNIVERSITY
2023233583	LONGPATH TECHNOLOGIES, INC.; THE REGENTS OF THE UNIVERSITY OF COLORADO, A BODY CORPORATION	2023238947	UNICHARM CORPORATION
2023233602	DEXCOM, INC.	2023239033	SCHLUMBERGER TECHNOLOGY B.V.
2023233661	CATERPILLAR INC.	2023239077	AMETRINE TECHNOLOGIES LTD.
2023233745	SPRINGWORKS THERAPEUTICS INC.	2023239151	SAIL BIOMEDICINES, INC.
2023233767	RYAN, M.	2023239265	THE SCRIPPS RESEARCH INSTITUTE
2023233870	EIS GMBH	2023239316	PLUTON BIOSCIENCES, INC.
2023234017	CSL BEHRING LLC	2023239524	NIPPON STEEL CORPORATION
2023234178	TOHOKU UNIVERSITY	2023239602	TOPPAN HOLDINGS INC.
2023234185	DAIICHI SANKYO COMPANY, LIMITED	2023239943	HUAWEI TECHNOLOGIES CO., LTD.
2023234190	TECHNOLOGICAL RESOURCES PTY. LIMITED	2023240011	PICTORYTALE AS
2023234196	SHOPIFY INC.	2023240100	TOTUS MEDICINES INC.
2023234203	ENERGY VAULT, INC.	2023240163	PSIQUANTUM, CORP.
2023234429	ABIOMED, INC.	2023240207	BIBAWO MEDICAL A/S
2023234543	YALE UNIVERSITY	2023240293	WONDERLAND SWITZERLAND AG
2023234587	SPRINGWORKS THERAPEUTICS INC.	2023240297	MORPHOSYS AG
2023234590	SPRINGWORKS THERAPEUTICS INC.	2023240350	SEED HEALTH INC.
2023234593	ST. JUDE CHILDREN'S RESEARCH HOSPITAL, INC.	2023240358	THE AZEK GROUP LLC
2023234622	SANDVIK MINING AND CONSTRUCTION OY	2023240361	BITTERROOT BIO, INC.
2023234893	NEWSOUTH INNOVATIONS PTY LIMITED	2023240401	MVG INDUSTRIES
2023234976	SAMSUNG ELECTRONICS CO., LTD.	2023240412	BAUSCH + LOMB IRELAND LIMITED; IVRI, Y.
2023235279	METAGENOMI, INC.	2023240420	NEPTUNE MEDICAL INC.
2023235285	A-DEC, INC.	2023240477	UCL BUSINESS LTD
2023235297	AVIAGAMES, INC.	2023240570	NATIONAL AGRICULTURE AND FOOD RESEARCH ORGANIZATION
2023235313	INCYTE CORPORATION	2023240729	TSUBOTA LABORATORY, INC.
2023235558	DIAGENODE S.A.	2023240818	XERO LIMITED
2023235600	M.E.P. MACCHINE ELETTRONICHE PIEGATRICI S.P.A.	2023240839	CHINA UNIVERSITY OF MINING AND TECHNOLOGY
2023235611	TOPPAN HOLDINGS INC.	2023240916	U-NEURON BIOMEDICAL INC.
2023235733	KOMATSU LTD.	2023240957	AURORA SOLAR INC.
2023235835	MYLAPS B.V.	2023240964	SHOULDER INNOVATIONS, INC.
2023236057	KANEKA CORPORATION	2023240996	BYD COMPANY LIMITED
2023236144	DEXCOM, INC.	2023241211	STADA ARZNEIMITTEL AG; XBRANE BIOPHARMA AB
2023236291	YALE UNIVERSITY	2023241533	SINGAPORE POLYTECHNIC
2023236305	XERO LIMITED	2023241594	EQUIFAX INC.
2023236367	SPRINGWORKS THERAPEUTICS INC.	2023241608	SPRAYING SYSTEMS CO.
2023236380	OHIO STATE INNOVATION FOUNDATION	2023241636	BOSTON SCIENTIFIC SCIMED, INC.
2023236560	ALIGOS THERAPEUTICS, INC.	2023241707	TRUSTEES OF TUFTS COLLEGE
2023236668	HUAWEI TECHNOLOGIES CO., LTD.	2023241815	BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM
2023236708	ANAGENEX, INC.	2023241817	PRC-DESOTO INTERNATIONAL, INC.
2023236711	ROME THERAPEUTICS, INC.	2023241824	THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES
2023236822	UTOPIUS INSIGHTS, INC.	2023241998	TRUSTEES OF TUFTS COLLEGE
2023236843	LUBRIZOL ADVANCED MATERIALS, INC.	2023242067	BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM
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2023236917	WATSON-MARLOW LIMITED	2023242214	FUJITSU GENERAL LIMITED
2023237234	NATIONAL RESEARCH COUNCIL OF CANADA	2023242295	FUJITSU GENERAL LIMITED
2023237280	HUAWEI TECHNOLOGIES CO., LTD.	2023242320	CENTRE HOSPITALIER UNIVERSITAIRE DE TOULOUSE
2023237288	HUAWEI TECHNOLOGIES CO., LTD.	2023242432	MITSUBISHI JIDOSHA KOGYO KABUSHIKI KAISHA
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2023237572	ILDONG PHARMACEUTICAL CO., LTD.	2023242519	GC CORPORATION
2023237671	NAUTILUS TRUE, LLC	2023242596	FURUKAWA ELECTRIC CO., LTD.; NATIONAL UNIVERSITY CORPORATION HOKKAIDO UNIVERSITY
2023237721	PELGEN LIMITED	2023243001	SALAMANDER IP HOLDINGS LLC
2023237737	RIGEL PHARMACEUTICALS, INC.		FUJITSU GENERAL LIMITED
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2023243322	NIKANG THERAPEUTICS, INC.	2023252840	LEXICON PHARMACEUTICALS, INC.
2023243390	CJ CHEILJEDANG CORPORATION	2023253579	LANDIS+GYR TECHNOLOGY, INC.
2023243588	CASPER ROBOTICS AS	2023253721	BROWN, R.
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2023243732	VÄLINGE INNOVATION AB	2023254108	IMMUNITYBIO, INC.
2023243734	LUOSSAVAARA-KIIRUNAVAARA AB	2023254182	MERCK PATENT GMBH
2023243962	LIFOAM INDUSTRIES, LLC	2023254210	IMMUNITYBIO, INC.
2023244020	OSAKA UNIVERSITY; GC CORPORATION	2023254256	ALETHA INC.
2023244181	NTT COMMUNICATIONS CORPORATION	2023254717	HEAVY PLAY LLC
2023244261	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI	2023254814	SEAS GEOSCIENCES, LLC
2023244347	THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA	2023255504	IVIVA MEDICAL, INC.
2023244471	CANCER RESEARCH TECHNOLOGY LIMITED	2023255692	KUMQUAT BIOSCIENCES INC.
2023244529	SWISCA AG	2023256464	URTESTE S.A.
2023244654	FUJITSU GENERAL LIMITED	2023257052	JFE STEEL CORPORATION
2023244944	BIAL - PORTELA & CA, S.A.	2023257077	mitsubishi heavy industries thermal systems, ltd.
2023245644	EPAZZ, INC.	2023257738	BRILLIANT LIGHT POWER, INC.
2023245716	UNIVERSITY OF PITTSBURGH - OF THE COMMON-WEALTH SYSTEM OF HIGHER EDUCATION	2023257740	AYM SYNTEX LTD
2023245727	GOOGLE LLC	2023258564	YEMBO, INC.
2023245881	PPG INDUSTRIES OHIO, INC.	2023260438	BAYER HEALTHCARE LLC
2023245901	BIOMARIN PHARMACEUTICAL INC.	2023260801	BAYER HEALTHCARE LLC
2023246375	LUOSSAVAARA-KIIRUNAVAARA AB	2023261330	BEELE ENGINEERING B.V.
2023246638	BLINK AG	2023261564	CANON KABUSHIKI KAISHA
2023246659	OMICRON ELECTRONICS GMBH	2023261997	ELAFLEX HIBY GMBH & CO. KG
2023246985	CENTESSA PHARMACEUTICALS (UK) LIMITED	2023262308	DAIICHI SANKYO COMPANY, LIMITED; AS-TRAZENECA UK LIMITED
2023247054	LOUVER-LITE LIMITED	2023262387	BYD COMPANY LIMITED
2023247097	PULPEX LIMITED	2023262601	BLUEROCK THERAPEUTICS LP
2023247268	SKYBUDI PTY LTD	2023263087	BEELE ENGINEERING B.V.
2023248270	AAK AB (PUBL)	2023263166	MSA TECHNOLOGY, LLC
2023248379	VINELAND RESEARCH AND INNOVATION CENTRE	2023265391	AB INITIO TECHNOLOGY LLC
2023248470	WEREWOLF THERAPEUTICS INC.	2023266641	CHINA UNIVERSITY OF MINING AND TECHNOLOGY
2023248607	REHAU INDUSTRIES SE & CO. KG	2023266847	CHINA UNIVERSITY OF MINING AND TECHNOLOGY
2023248648	D.T.R. DERMAL THERAPY RESEARCH INC.	2023269120	F. HOFFMANN-LA ROCHE AG
2023248707	SAFEGRID OY	2023269227	F. HOFFMANN-LA ROCHE AG
2023248911	ARCOLOGY INC. dba BIOSPHERE	2023269740	SEELEY INTERNATIONAL PTY LTD
2023248940	THE PROCTER & GAMBLE COMPANY	2023271019	SICHUAN KELUN PHARMACEUTICAL RESEARCH INSTITUTE CO., LTD.
2023249018	AAK AB (PUBL)	2023272105	FLAGSHIP PIONEERING INNOVATIONS V, INC.
2023249040	UNIVERSITY OF ROCHESTER	2023272987	SICHUAN KELUN PHARMACEUTICAL RESEARCH INSTITUTE CO., LTD.
2023249062	THOMSON REUTERS ENTERPRISE CENTRE GMBH	2023273158	MECANA AG
2023249173	VERTEX PHARMACEUTICALS INCORPORATED	2023275209	KOMATSU LTD.
2023249432	IMDEX TECHNOLOGIES PTY LTD	2023275927	PROTEINDISTILLERY GMBH
2023249439	ELYSIS LIMITED PARTNERSHIP	2023276860	INNATE PHARMA
2023249525	AOA DX	2023277022	KAO CORPORATION
2023249631	GILEAD SCIENCES, INC.	2023278276	BYD COMPANY LIMITED
2023249645	NUVALENT, INC	2023281826	EVONIK OPERATIONS GMBH
2023249660	GAMMDELTA THERAPEUTICS LTD	2023297625	CJ CHEILJEDANG CORPORATION
2023249775	GUARDANT HEALTH, INC.	2023298692	BODYNOX INTERNATIONAL CORP.
2023249872	CASALE SA	2023311769	ON TOP TOURERS PTY LTD
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2023250008	F. HOFFMANN-LA ROCHE AG	2023336079	BEIJING EACON TECHNOLOGY CO., LTD.
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2023250184	DR CLEAR PTE. LTD.	2023340762	HITACHI, LTD.
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2023250508	UPSHALL, L.	2023348320	ILLUMINA, INC.
2023250542	CROSSIGNAL THERAPEUTICS, INC.	2023352593	ILLUMINA, INC.
2023250842	Medline Industries, LP	2023353465	ILLUMINA, INC.
2023250864	THOMSON REUTERS ENTERPRISE CENTRE GMBH	2023354159	ILLUMINA, INC.
2023251120	INNOVATIVE SURGICAL REGENERATION HOLDINGS, L.	2023354212	ILLUMINA, INC.
2023251159	AXENS	2023354388	ILLUMINA, INC.
2023251200	HEIDELBERG PHARMA RESEARCH GMBH	2023354389	ILLUMINA, INC.
2023251799	UNIVERSITEIT MAASTRICHT	2023354390	ILLUMINA, INC.
2023251864	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	2023355052	ILLUMINA, INC.
		2023367185	ILLUMINA, INC.

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2023396017 ILLUMINA, INC.
2023407892 ILLUMINA, INC.
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2023409138 ILLUMINA, INC.
2023409219 ILLUMINA, INC.
2023410548 ILLUMINA, INC.
2023419253 ILLUMINA, INC.
2023422922 CHINA SHENHUA COAL TO LIQUID AND CHEMICAL CO., LTD; CHINA SHENHUA COAL TO LIQUID AND CHEMICAL SHANGHAI RESEARCH INSTITUTE; CHINA SHENHUA COAL TO LIQUID AND CHEMICAL ORDOS COAL LIQUEFACTION COMPANY
2023423229 CHINA SHENHUA COAL TO LIQUID AND CHEMICAL CO., LTD; CHINA SHENHUA COAL TO LIQUID AND CHEMICAL SHANGHAI RESEARCH INSTITUTE
2023428626 DUCKWORTH, K.; SCARRABELLOTTI, S.; KLOR, INC.
2023430177 JIANGSU ADVANCED CONSTRUCTION MACHINERY INNOVATION CENTER LTD.
2024204464 WELLADSEN BROS PTY LTD
2024204964 LG ELECTRONICS INC.
2024205207 QIAO, B.
2024206896 XINJIANG UNIVERSITY
2024215884 ILLUMINA, INC.
2024216701 FILLER, E.W.
2024216848 LINCOLN UNIVERSITY
2024217893 "BARLINEK" SPÓŁKA AKCYJNA
2024219376 STATE GRID SMART GRID RESEARCH INSTITUTE CO., LTD.

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		2023221404		2023234178	2023227545
2023228699	2022448099	2023221850	2023298692	<u>B01F 29 /-</u>	<u>B03B 7 /-</u>
<u>A61M 25 /-</u>	2023240729	2023237737	<u>A63B 22 /-</u>	2023228674	2023227545
	2023243048	2023249525		2023234178	2023266641
2023240420	2023245716	<u>A61P 39 /-</u>	<u>A63B 33 /-</u>	<u>B01F 35 /-</u>	2023266847
2023241636	<u>A61P 29 /-</u>		2023230071	2023234178	<u>B03B 9 /-</u>
<u>A61M 31 /-</u>		<u>A61P 43 /-</u>	<u>A63B 71 /-</u>	<u>B01J 19 /-</u>	2023227545
	2023221404			2023234178	2023266641
2023221045	2023221822	2023226618	<u>A63D 15 /-</u>	2023238423	2023266847
<u>A61M 5 /-</u>	2023221850	2023234185			<u>B03D 1 /-</u>
	2023221850	2023236057	2024205207		2023240839
2023222162	2023222253	2023254108			
2023241211	<u>A61P 3 /-</u>	<u>A61P 5 /-</u>			
	2023222260	2023222253			

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2023266641		<u>B29C 73 /-</u>	<u>B60N 2 /-</u>	<u>B65D 83 /-</u>	
2023266847	<u>B21F 9 /-</u>	2022477346	2023240293	2023240207	<u>C01F 5 /-</u>
<u>B03D 103 /-</u>	2023235600		2023338644	2023240350	2022459285
2023266847	<u>B22C 1 /-</u>	<u>B29K 101 /-</u>	<u>B60R 11 /-</u>	<u>B65F 1 /-</u>	<u>C02F 1 /-</u>
<u>B04C 9 /-</u>	2023277022	2023236917	2023250508	2022448265	2023249040
2023266847	<u>B22C 9 /-</u>	<u>B29K 21 /-</u>	<u>B60R 19 /-</u>	<u>B65F 5 /-</u>	2023273158
<u>B05B 1 /-</u>	2023277022	2023236917	2023262387	2022448265	2024216848
2023234017	<u>B25H 7 /-</u>	<u>B32B 15 /-</u>	<u>B60R 9 /-</u>	<u>B65G 15 /-</u>	<u>C02F 101 /-</u>
<u>B05B 5 /-</u>	2023249432	2023235611	2023250508	2023233661	2023249040
2023241608	<u>B25J 15 /-</u>	<u>B32B 19 /-</u>	<u>B62B 7 /-</u>	<u>B65G 19 /-</u>	<u>C02F 103 /-</u>
<u>B05D 1 /-</u>	2023229670	2023248607	2023338644	2023233661	2024216848
2023241817	2023248379	<u>B32B 21 /-</u>	<u>B62B 9 /-</u>	<u>B65G 21 /-</u>	<u>C02F 11 /-</u>
<u>B05D 7 /-</u>	<u>B25J 19 /-</u>	2024217893	2023338644	2023233661	2024216848
2023241817	2023229670	<u>B32B 23 /-</u>	2023338644	2023233661	<u>C02F 3 /-</u>
<u>B06B 1 /-</u>	2023231936	2023238713	<u>B62D 21 /-</u>	<u>B65G 43 /-</u>	2024216848
2023229811	2023232668	<u>B32B 27 /-</u>	2023241998	2023229899	<u>C04B 28 /-</u>
<u>B07B 1 /-</u>	2023248379	2022449753	2023242320	2023231387	2023233373
2023244529	<u>B25J 5 /-</u>	2023229670	<u>B62D 33 /-</u>	<u>B65G 61 /-</u>	<u>C04B 41 /-</u>
<u>B07B 13 /-</u>	2023229670	2023235611	2022446870	2023229899	2023233373
2023244529	2023231936	2023239602	<u>B62D 35 /-</u>	2023231387	<u>C05F 17 /-</u>
<u>B07C 5 /-</u>	2023229899	2023297625	2023227517	<u>B66B 13 /-</u>	2023228674
2023266641	2023231387	<u>B32B 29 /-</u>	2023227518	2023236872	<u>C06B 21 /-</u>
2023266847	2023231936	<u>B32B 5 /-</u>	2023227849	<u>B66F 9 /-</u>	2022448528
<u>B08B 3 /-</u>	2023232668	2023238713	2023228879	2023243588	2023238423
2023234017	<u>B27D 1 /-</u>	<u>B32B 7 /-</u>	2023229670	2023244261	<u>C06B 31 /-</u>
<u>B09B 3 /-</u>	2024217893	2023238713	2023231936	<u>B67D 1 /-</u>	2022448528
2023227545	<u>B28B 7 /-</u>	2023297625	<u>B63C 11 /-</u>	2023223577	<u>C06B 45 /-</u>
2023228674	2023233767	2024217893	2023230071	2023225137	2022448528
<u>B21C 19 /-</u>	<u>B29C 41 /-</u>	<u>B32B 9 /-</u>	<u>B63G 8 /-</u>	<u>B67D 7 /-</u>	<u>C07B 59 /-</u>
2023235600	2023227591	2023235611	2023345259	2023261997	2023255692
<u>B21C 3 /-</u>	<u>B29C 43 /-</u>	<u>B60J 7 /-</u>	<u>B64C 29 /-</u>	2023238668	<u>C07C 15 /-</u>
2023235600	2023238713	<u>B60K 1 /-</u>	2023245644	<u>C01B 3 /-</u>	2023337098
<u>B21D 3 /-</u>	<u>B29C 44 /-</u>	2023242320	<u>B64C 3 /-</u>	2023242519	<u>C07C 259 /-</u>
2023235600	2023243962	2023244261	2023245644	<u>C01B 32 /-</u>	2023233745
<u>B21D 43 /-</u>	<u>B29C 51 /-</u>	<u>B60K 11 /-</u>	<u>B64F 5 /-</u>	2023231849	2023234590
2023235600	2022452376	2023244261	2023241817	<u>C01B 37 /-</u>	<u>C07C 309 /-</u>
<u>B21F 1 /-</u>	2023227591	<u>B60L 50 /-</u>	<u>B65B 69 /-</u>	2023242519	2023240100
2023235600	<u>B29C 65 /-</u>	2023235733	2023231401	<u>C01C 1 /-</u>	<u>C07C 55 /-</u>
<u>B21F 5 /-</u>	2023236917	<u>B60L 9 /-</u>	<u>B65D 65 /-</u>	2023249872	2023240100
2023235600	<u>B29C 67 /-</u>	2023235733	2023235611	<u>C01F 11 /-</u>	<u>C07C 57 /-</u>
2023235600	2023243962			2022459285	2023240100

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<u>C07C 59 /-</u>	2023221850	<u>C07H 21 /-</u>	2022443398	<u>C10G 45 /-</u>	<u>C12N 9 /-</u>
	2023224519		2023241707		
2023240100	2023233745	2023234185		2023251159	2022447141
	2023234590		<u>C08F 265 /-</u>		2023223471
<u>C07D 207 /-</u>	2023235313	<u>C07J 31 /-</u>		<u>C10G 47 /-</u>	2023229142
	2023243322		2022442262		2023235279
2023239151	2023249631	2023222260	2022443398	2023422922	2023250091
	2023254182			<u>C10G 50 /-</u>	2023262601
<u>C07D 211 /-</u>	2023255692	<u>C07K 1 /-</u>			2023348320
			2023219785	2023249904	2023354159
2023232657	<u>C07D 487 /-</u>	2023229142		2023251159	2023354388
2023239151		2023236380			2023354389
	2023224519	2023237234	<u>C08F 4 /-</u>	<u>C10G 69 /-</u>	2023354390
	2023236711				
<u>C07D 257 /-</u>	2023240100	<u>C07K 14 /-</u>	2022442262	2023249904	<u>C12P 13 /-</u>
	2023243322		2022443398	2023251159	
2023238423	2023243322	2022447141			2023223557
2023250542	2023255692	2023226367	<u>C08G 18 /-</u>		2023281826
	2023269227	2023227347		<u>C10L 1 /-</u>	
<u>C07D 265 /-</u>		2023231975	2022477346		<u>C12P 17 /-</u>
	<u>C07D 491 /-</u>	2023237721		2023249904	
2023232657		2023238117	<u>C08J 3 /-</u>		2023239316
	2023243322	2023243048		<u>C11D 3 /-</u>	
<u>C07D 267 /-</u>	2023249631	2023244347	2023219785		<u>C12P 21 /-</u>
	2023250542	2023245716		2023250091	
2023225835		2023248470	<u>C08J 7 /-</u>		2023229142
2023226548	<u>C07D 495 /-</u>	2023249775		<u>C12M 1 /-</u>	
		2023250251	2022477346		<u>C12P 3 /-</u>
<u>C07D 271 /-</u>	2023221549	2023272105		2023224287	
	2023255692		<u>C08K 3 /-</u>	2023239316	2023239316
2023250542		<u>C07K 16 /-</u>		2023248911	
<u>C07D 307 /-</u>	<u>C07D 497 /-</u>		2023243140	2023410548	<u>C12P 39 /-</u>
		2022348783	2023248607		
2023250542	2023249631	2023221843	<u>C08L 51 /-</u>	<u>C12N 1 /-</u>	2023239316
		2023226367			
<u>C07D 401 /-</u>	<u>C07D 498 /-</u>	2023227347	2023219785	2023239316	<u>C12Q 1 /-</u>
		2023228226		2023243390	
2023224854	2023224519	2023229142	<u>C08L 75 /-</u>	2023275927	2022446233
2023232657	2023249631	2023232876		2023281826	2023226165
	2023255692	2023237234	2022477346	<u>C12N 13 /-</u>	2023228709
<u>C07D 403 /-</u>	<u>C07D 513 /-</u>	2023240297			2023229094
		2023240361	<u>C08L 89 /-</u>	2023224287	2023235558
2023224519	2023255692	2023241824			2023246638
2023239151		2023246985	2023252020	<u>C12N 15 /-</u>	2023249775
	<u>C07D 515 /-</u>	2023251864			2023256464
<u>C07D 405 /-</u>		2023276860	<u>C09B 57 /-</u>	2022447141	2023313304
	2023249173			2023223471	2023353465
2023224519	2023255692	<u>C07K 19 /-</u>	2023348238	2023226080	2023354159
2023224854				2023234185	2023354212
2023232657	<u>C07D 519 /-</u>	2023226367	<u>C09D 127 /-</u>	2023236560	2023354388
2023237572		2023237234		2023237234	2023354389
<u>C07D 409 /-</u>	2023221404		2023228115	2023240361	2023354390
	2023221850	<u>C07K 2 /-</u>		2023240477	2023355052
2023224519	2023223341		<u>C09D 5 /-</u>	2023243048	2023390001
2023224854	2023249173	2023226367		2023245716	2023396017
2023232657	2023255692	2023236380	2023228115	2023245901	2023408032
2023237572				2023262601	2023409138
<u>C07D 409 /-</u>	<u>C07F 1 /-</u>	<u>C07K 5 /-</u>	<u>C09K 101 /-</u>	2023272105	2023409219
				2023348320	2023410548
2023224519	2023237737	2023250008	<u>C09K 17 /-</u>	2023410548	2023419253
2023225835		2023256464		<u>C12N 5 /-</u>	<u>C12R 1 /-</u>
2023226548	<u>C07F 9 /-</u>		2022222825		
2023232657		<u>C07K 7 /-</u>		2023219785	2023243390
<u>C07D 417 /-</u>	2023244944		<u>C09K 8 /-</u>	2023220082	
		2023236380		2023240916	<u>C21B 11 /-</u>
2023224519	<u>C07H 17 /-</u>	2023237721	2023253736	2023262601	
2023224854				<u>C12N 7 /-</u>	2023257052
2023232657	2023348238	<u>C07K 9 /-</u>	<u>C10G 1 /-</u>		<u>C21B 13 /-</u>
2023237737				2023272105	
2023243322	<u>C07H 19 /-</u>	2023237234	2023422922		2023234190
<u>C07D 471 /-</u>					2023243734
	2023236711	<u>C08F 220 /-</u>			2023246375
2023221404					
		2022442262			

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2023257052	<u>D01D 10 /-</u>		<u>E21B 33 /-</u>	<u>F16K 3 /-</u>	<u>F24F 11 /-</u>
<u>C21B 3 /-</u>	2023257740	<u>E04C 2 /-</u>	2023227414	2023226459	2023242067
		2024216701			2023244654
2023257052	<u>D01D 5 /-</u>		<u>E21B 36 /-</u>	<u>F16K 37 /-</u>	2023257077
<u>C21C 7 /-</u>	2023257740	<u>E04C 3 /-</u>	2023242596	2023226459	<u>F24F 13 /-</u>
		2023240358			
2023257052	<u>D02G 1 /-</u>		<u>E21B 41 /-</u>	<u>F16K 5 /-</u>	2023269740
<u>C21D 8 /-</u>	2023257740	<u>E04D 13 /-</u>	2022447723	2023226459	<u>F24F 5 /-</u>
		2023269740			
2024219376	<u>D02G 3 /-</u>		<u>E21B 43 /-</u>	<u>F16L 27 /-</u>	2023244654
<u>C22B 11 /-</u>	2023257740	<u>E04D 3 /-</u>	2022447723	2022441023	<u>F24H 15 /-</u>
		2024216701	2023239033		
2023241533	<u>D04H 1 /-</u>		2023242596	<u>F16L 5 /-</u>	2023243001
<u>C22B 26 /-</u>	2023225701	<u>E04F 13 /-</u>			
		2023238797	<u>E21B 47 /-</u>	2023261330	<u>F24H 4 /-</u>
2022459285	<u>D06F 39 /-</u>			2023263087	
<u>C22B 3 /-</u>	2023221911	<u>E04F 15 /-</u>	2023222767		2023243001
			2023239033	<u>F16L 51 /-</u>	<u>F25B 1 /-</u>
2023241533	<u>D06F 58 /-</u>		2023242596		
<u>C22B 5 /-</u>	2023221911	<u>E04G 11 /-</u>		2022441023	2023242214
			<u>E21B 49 /-</u>	<u>F17C 1 /-</u>	2023243001
2023234190	<u>D06M 13 /-</u>		2023222767		2023243002
<u>C22C 18 /-</u>	2023220163	<u>E04G 21 /-</u>	2023239033	2022210955	
				2023234203	<u>F25B 13 /-</u>
2023221152	<u>D21F 11 /-</u>		<u>E21B 7 /-</u>	<u>F17C 5 /-</u>	2023244654
2023239524		2023233767	2023234622		
	2023225701	<u>E04G 23 /-</u>		2022210955	<u>F25B 30 /-</u>
<u>C22C 33 /-</u>			<u>F02C 3 /-</u>		
	<u>D21J 3 /-</u>	2023233373	2022448510	<u>F21S 4 /-</u>	2023243001
2024219376				2023220527	2023243002
<u>C22C 38 /-</u>	2023238713	<u>E04G 3 /-</u>	<u>F02C 6 /-</u>		<u>F25B 41 /-</u>
	2023247097		2022448510	<u>F21S 8 /-</u>	2023257077
		2023269740		2023220527	
2024219376	<u>E02D 27 /-</u>		<u>F02C 7 /-</u>	<u>F21V 15 /-</u>	<u>F25B 47 /-</u>
<u>C22C 45 /-</u>	2024216701	<u>E04G 5 /-</u>			
		2023269740	2022448510	2023220527	2023243002
2024219376	<u>E02F 3 /-</u>		<u>F02C 9 /-</u>		
<u>C23C 18 /-</u>	2023275209	<u>E04G 7 /-</u>		<u>F21V 33 /-</u>	<u>F25B 49 /-</u>
			2022448510		
2023238668	<u>E02F 9 /-</u>	2023233767		2023220527	2023243001
<u>C23C 2 /-</u>	2023237836	2023269740	<u>F03B 11 /-</u>		2023257077
	2023275209			<u>F21W 111 /-</u>	<u>F25B 7 /-</u>
2023221152		2023237671	2022441698	2023220527	2023242214
2023239524	<u>E03D 1 /-</u>		<u>F03B 13 /-</u>		2023243002
<u>C23F 11 /-</u>	2022449641	<u>E04H 15 /-</u>	2022441698	<u>F21W 131 /-</u>	
			2023234203		<u>F25C 1 /-</u>
2023233373	<u>E03D 3 /-</u>		<u>F03D 17 /-</u>	2023220527	2023229674
<u>C25B 11 /-</u>	2022449641	<u>E04H 17 /-</u>			2023230480
			2023236822	2023220527	2023231005
2023249040	<u>E03D 9 /-</u>	2023311769			
<u>C25B 3 /-</u>	2022449641	<u>E04H 17 /-</u>	<u>F16B 12 /-</u>	<u>F21Y 103 /-</u>	<u>F25C 5 /-</u>
		2023222661			
2023249040	<u>E03D 9 /-</u>	<u>E05B 81 /-</u>	<u>F16F 15 /-</u>	<u>F21Y 115 /-</u>	2023229674
<u>C25B 3 /-</u>	2022449641		2023243732		2023230480
		2023278276		2023220527	2023231005
2023249040	<u>E04B 1 /-</u>	<u>E06B 9 /-</u>		<u>F23J 15 /-</u>	
<u>C25C 3 /-</u>	2023233767		2023226255		<u>F25D 23 /-</u>
	2023240358	2023247054		2022448510	
2023249439	2024216701		<u>F16F 9 /-</u>		2023231005
<u>C25C 7 /-</u>		<u>E21B 25 /-</u>		<u>F24F 1 /-</u>	<u>F25D 31 /-</u>
	<u>E04B 5 /-</u>		2023240412	2023269740	
2023249439	2023240358	2023249432	2023338644		2023223577
	2024216701				

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F27B 3 /-	2023227347 2023234429 2023234190	G02F 1 /-	2023336079	G06V 20 /-	2023269120
	2023254814		G06N 3 /-	2022444968	G21B 1 /-
F27B 9 /-	2023256464 2023348238	G03G 21 /-	2023240957 2023245727 2023250184 2023251928 2023336079	2023235835 2023240011 2023240957	2023257738
	G01N 35 /-			G06V 40 /-	H01L 21 /-
F28D 20 /-	2023355052 2023407892	G05D 1 /-		2022444968	2023240163
	G01R 19 /-		G06N 5 /-	G07C 1 /-	H01M 10 /-
F41H 3 /-	2023248707	G06F 1 /-	2023236822	2023235835	2023232442 2023240996
	G01R 22 /-		G06Q 10 /-	G07F 17 /-	H01M 4 /-
G01C 21 /-	2023253579	G06F 11 /-	2022453153 2023220174 2023238733	2023228658	2023240996
	G01R 31 /-		G06Q 20 /-	G09C 1 /-	H01M 50 /-
G01J 3 /-	2023248707	G06F 16 /-	2023209089 2023240818	2023244181	2023229571 2023232442 2023430177
	G01R 33 /-		G06Q 30 /-	G10L 15 /-	H01R 103 /-
G01K 1 /-	2023221895	G06F 18 /-	2023234196	2023225603	2023227414
	G01S 13 /-		2023240011 2023340762	G16B 15 /-	H01R 13 /-
G01K 7 /-	2023237830	G06F 21 /-	G06Q 40 /-	2023236708	2022448109 2023227414
	G01S 17 /-		2023236305	G16B 20 /-	H01R 4 /-
G01L 19 /-	2023336079	2023209089 2023220752 2023222172 2023230877 2023241594	G06Q 50 /-	2023249775 2024215884	2024204464
	G01S 7 /-		2023228658 2023240570 2023340762	G16B 30 /-	H01R 43 /-
G01M 3 /-	2023237830 2023336079	G06F 3 /-	G06T 15 /-	2023249775	2024204464
	G01V 3 /-		2023225698	G16B 35 /-	H01R 9 /-
G01N 1 /-	2022486179 2023237830	G06F 30 /-	G06T 17 /-	2023236708	2022448109
	G01V 8 /-		2023225698	G16B 40 /-	H02G 15 /-
G01N 15 /-	2023233583 2023237830	2023235297 2023238888 2023240957	2023225698 2023240957 2023251881 2023336079	2023236708	2024204464
	G02B 21 /-		G06F 40 /-	G16C 60 /-	H02G 3 /-
G01N 21 /-	2023352593	2023225603 2023240818	G06T 19 /-	2023244020	2023220527 2023261330 2023263087
	G02B 27 /-		2023225698 2023240011 2023251881 2023258564	G16H 15 /-	H02H 1 /-
G01N 23 /-	2023238041 2023263166	G06F 8 /-	G06T 7 /-	2023269120	2023246659
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C12N 5/10 (2006.01)
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H04M 3/42 (2006.01)
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G09B 23/28 (2006.01)
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A61K 47/10 (2017.01)
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A61P 35/00 (2006.01)
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B60L 3/00 (2019.01)
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C07K 14/81 (2006.01)
A61K 38/55 (2006.01)
A61P 11/00 (2006.01)
A61P 31/12 (2006.01)
A61P 35/00 (2006.01)
A61P 43/00 (2006.01)
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A23L 11/00 (2016.01)
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A45F 5/02 (2006.01)
B63B 32/40 (2020.01)
B63B 32/73 (2020.01)
B63H 8/18 (2020.01)
F16B 21/18 (2006.01)
F16G 11/10 (2006.01)
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H02J 4/00 (2006.01)
G08B 25/08 (2006.01)
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C07B 61/00 (2006.01)
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F42D 3/04 (2006.01)
F42B 1/028 (2006.01)
F42D 1/08 (2006.01)
F42B 1/032 (2006.01)
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H04B 1/10 (2006.01)
G01S 19/13 (2010.01)
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G01N 33/48 (2006.01)
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D06F 58/12 (2006.01)
A61L 2/07 (2006.01)
D06F 34/14 (2020.01)
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D06F 71/29 (2006.01)
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H01M 10/627 (2014.01)
A62C 3/16 (2006.01)
H01M 10/613 (2014.01)
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A61P 29/00 (2006.01)
C07D 237/24 (2006.01)
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C07D 491/06 (2006.01)
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C07K 14/39 (2006.01)
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H01M 8/18 (2006.01)
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 H01S 3/23 (2006.01)
 H01S 5/40 (2006.01)
 G02B 26/08 (2006.01)
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 G02B 27/01 (2006.01)
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 G06T 5/00 (2006.01)
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 F16K 99/00 (2006.01)
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 A61P 25/00 (2006.01)
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 A61P 9/00 (2006.01)
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 C07C 323/09 (2006.01)
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B65G 7/12 (2006.01)
B65G 15/30 (2006.01)
B65G 17/00 (2006.01)
B65G 47/44 (2006.01)
C21B 3/08 (2006.01)
F26B 11/04 (2006.01)
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H02J 3/32 (2006.01)
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A01N 37/18 (2006.01)
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H04W 88/06 (2015.01)
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H04W 48/06 (2009.01)
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C02F 11/121 (2019.01)
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A61P 35/00 (2006.01)
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G01V 5/06 (2006.01)
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G01R 19/257 (2006.01)
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A24F 40/05 (2020.01)
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A61M 11/00 (2006.01)
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H01L 31/05 (2014.01)
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**SHENYANG UNIVERSITY OF CHEMICAL
 TECHNOLOGY see Metisa Biotechnology
 Co., Ltd**
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A01K 13/00 (2006.01)
A61L 2/20 (2006.01)
A61L 9/03 (2006.01)
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B05D 3/00 (2006.01)
B42D 25/369 (2014.01)
B42D 25/41 (2014.01)
C09D 11/037 (2014.01)
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B41M 3/14 (2006.01)
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 Evgeny; DESPLAND, Claude-Alain;
 BAUDIN, Gisèle
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 application programs having memory
 checking for memory errors
(51) Int. Cl.
G11C 29/52 (2006.01)
G06F 11/08 (2006.01)
H03M 13/37 (2006.01)
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G02C 7/02 (2006.01)
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B64D 1/02 (2006.01)
B64D 7/00 (2006.01)
F41A 33/00 (2006.01)
F41G 3/26 (2006.01)
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G06F 1/16 (2006.01)
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G01D 21/00 (2006.01)
G01S 13/88 (2006.01)
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C07D 235/04 (2006.01)
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H04B 10/00 (2013.01)
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A61K 35/76 (2015.01)
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C12N 5/0783 (2010.01)
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C12Q 1/04 (2006.01)
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C12R 1/00 (2006.01)
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F24S 25/60 (2018.01)
F24S 25/634 (2018.01)
H02S 20/00 (2014.01)
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A47G 19/22 (2006.01)
B65D 47/32 (2006.01)
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B65D 55/02 (2006.01)
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B07B 4/08 (2006.01)
B03B 5/46 (2006.01)
B09B 5/00 (2006.01)
C04B 11/26 (2006.01)
B09B 10/125 (2022.01)
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A61P 31/14 (2006.01)

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A61B 17/56 (2006.01)
A61F 2/00 (2006.01)
A61B 5/01 (2006.01)
A61B 5/0538 (2021.01)
A61B 5/11 (2006.01)
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 and device, storage medium and elec-
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 (51) Int. Cl.
H04W 72/04 (2023.01)
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 (72) MEI, Meng; GAO, Bo; LU, Zhaohua;
 ZHANG, Shujuan; YAO, Ke; ZHANG,
 Yang
 (74) Pizzseys Patent and Trade Mark Attor-
 neys Pty Ltd

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2018261790	Voyager Therapeutics, Inc.	2019240674	Covidien LP
2018282368	Studco Australia Pty Ltd	2019241332	Blue Ocean Engenharia LTDA
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2018304963	Kahatapitiya, L.; Kahatapitiya Algama, N.	2019256465	Southern Research Institute
2018315731	RiceTec, Inc.	2019257213	Becton, Dickinson and Company
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2018323776	Raxtar B.V.	2019260724	Shalowitz, J.
2018331517	Lentigen Technology, Inc.; The U.S.A., as represented by the Secretary, Department of Health and Human Services	2019265877	Matthews International Corporation
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2018341227	Ohio State Innovation Foundation	2019271285	Actuate Therapeutics, Inc.
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2018353958	Hollister Incorporated	2019272711	Boehringer Ingelheim Vetmedica GmbH
2018355222	The Johns Hopkins University	2019272778	President and Fellows of Harvard College
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2018384079	Baseline Asset Technologies Pty Ltd	2019283979	XMPie (Israel) Ltd.
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2022209238	Gentex Corporation	2023201945	Kumiai Chemical Industry Co., Ltd.
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2022218495	INCYTE HOLDINGS CORPORATION	2023202600	Becton, Dickinson and Company
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2022233306	3R Life Sciences Corporation	2023203266	XIAMEN HQMOUNT TECH. CO., LTD.
2022238441	SUPERNU PHARMACEUTICALS, INC.	2023203412	Caterpillar Underground Mining Pty Ltd
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2022260753	OSTEONEUROGEN	2023206166	Sungrow Hydrogen Sci. & Tech. Co., Ltd
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2022268366	Caterpillar Inc.	2023216752	Schneider Electric Industries SAS
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2022288445	MITSUBISHI HEAVY INDUSTRIES, LTD.	2023251497	Apple Inc.
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2022292241	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI	2023251535	KUKURUZA, A.; REZNICHENKO, A.; UZHCHENKO, A.; KUPCHENKO, B.; HODUNOK, O.; PAVELIEV, S.; DIMITROV, Y.
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2022208208		2021231743	<u>A63B 37 /-</u>	2021252179	2019323184
2022218603	<u>A61M 60 /-</u>	2021290594			
2022221438		2021320236	2019310043	<u>B05D 3 /-</u>	<u>B28B 7 /-</u>
2022240348	2022238306	2021412202			
2022298186		2024219542	<u>A63F 13 /-</u>	2019338111	2019323184
2023201645	<u>A61N 1 /-</u>				
2023203452	2021201132	<u>A61P 35 /-</u>	2019236460	<u>B07B 1 /-</u>	<u>B28C 5 /-</u>
	2022204854				
<u>A61L 101 /-</u>	2022209231	2018209012	<u>B01D 15 /-</u>	2019241332	2019334174
	2023226690	2019273132		2022282798	
2021345867		2019276359	2021342272		
	<u>A61P 1 /-</u>	2019287282	<u>B01D 29 /-</u>	<u>B07B 13 /-</u>	<u>B29C 45 /-</u>
<u>A61L 2 /-</u>		2019400398			
	2019351469	2021307614	2021301123	2019241332	2023201796
2019391650	2022298186	2021385745		<u>B07B 4 /-</u>	<u>B29C 48 /-</u>
2021238225	2023201701	2022218495	<u>B01D 33 /-</u>		
2021316893		2022260753		2022272194	2023201796
2021345867	<u>A61P 11 /-</u>	2023201701	2023201672		
		2023203088	<u>B01D 39 /-</u>	<u>B08B 9 /-</u>	<u>B29C 65 /-</u>
<u>A61L 27 /-</u>	2021213137	2024219542			
	2022221438		2019222772	2023201683	2021328015
2021245193	2022260753	<u>A61P 37 /-</u>			2023202667
	2024219542		<u>B01D 46 /-</u>	<u>B09B 101 /-</u>	<u>B32B 1 /-</u>
<u>A61L 9 /-</u>		2019377749			
	<u>A61P 13 /-</u>	2022203810	2021353781	2022272194	2023201796
2021345867		<u>A61P 43 /-</u>	<u>B01D 53 /-</u>	<u>B09B 5 /-</u>	<u>B32B 15 /-</u>
2022212935	2020302043				
<u>A61M 1 /-</u>	<u>A61P 17 /-</u>	2019351469	2022212935	2022272194	2023201796
		2022203810		<u>B21C 37 /-</u>	<u>B32B 27 /-</u>
2019272913	2021412202	2022260753	<u>B01D 63 /-</u>		
2019362672	2023203452	2023285891		2018387801	2019224673
2021286159		2024219542	2021342272	<u>B21F 9 /-</u>	2023201796
2021399798	<u>A61P 19 /-</u>		<u>B01D 67 /-</u>		
2022312769		<u>A61P 7 /-</u>		2023200014	<u>B32B 3 /-</u>
	2023210599		2019317516	<u>B25B 23 /-</u>	2023201796
<u>A61M 11 /-</u>	<u>A61P 21 /-</u>	2017383537	<u>B01D 71 /-</u>		
				2020438391	<u>B32B 5 /-</u>
2021252179		<u>A61P 9 /-</u>	2021342272	<u>B25B 25 /-</u>	2023201796
	2018390799		<u>B01J 19 /-</u>		
<u>A61M 15 /-</u>	2021219072	2021240102		2023200014	<u>B41J 2 /-</u>
	<u>A61P 25 /-</u>	<u>A61Q 11 /-</u>	2019238898	<u>B25B 27 /-</u>	2019265877
2021252179			2022212935		
<u>A61M 16 /-</u>	2018261790	2021372532	<u>B01J 20 /-</u>	2022203941	<u>B41J 3 /-</u>
	2019233606				
2018392215	2019279372	<u>A61Q 5 /-</u>	2021342272	<u>B25F 1 /-</u>	2020418169
2022200259	2021219072		<u>B01L 3 /-</u>		
2022204375	2022238441	2021244914		2022203941	<u>B41M 3 /-</u>
2023204149	2022240348	<u>A62B 18 /-</u>	2019385743	<u>B25G 3 /-</u>	<u>B42D 25 /-</u>
	2022298186		<u>B03B 5 /-</u>		
<u>A61M 25 /-</u>	2023203088	2018340666	2022272194	<u>B25J 13 /-</u>	2019338111
		2021379136	<u>B03C 1 /-</u>		
2018353958	<u>A61P 27 /-</u>			2019347754	<u>B60B 21 /-</u>
2019205370		<u>A62B 27 /-</u>	<u>B03C 3 /-</u>	<u>B25J 9 /-</u>	2023202667
2019257213	2022271435				
2019277031		2018340666	2019323086	2019347754	<u>B60B 5 /-</u>
2019317534	<u>A61P 29 /-</u>				
2022209269		<u>A62B 7 /-</u>	<u>B03C 1 /-</u>		
2023251505	2019302534			<u>B26D 1 /-</u>	2023202667
	2021394226	2018340666	2019323086		
<u>A61M 31 /-</u>	<u>A61P 3 /-</u>	<u>A62B 9 /-</u>			
2023202052		2018340666	2019323086		
	2018234695	<u>A62C 3 /-</u>			
<u>A61M 39 /-</u>	2019278015				
	2022228147				
2019317534	2022298186				

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<u>B60D 1 /-</u>		2021261556	<u>C02F 11 /-</u>		2019302534
2019226092	<u>B63B 39 /-</u>			<u>C07D 211 /-</u>	2022238441
	2021340152	<u>B65G 15 /-</u>	2022282798		2023201701
<u>B60K 31 /-</u>		2021360515	<u>C04B 11 /-</u>	2019327430	2023201945
2023203412	<u>B63B 59 /-</u>			2023201645	
	2019351954	<u>B65G 17 /-</u>	2022272194	<u>C07D 213 /-</u>	<u>C07D 417 /-</u>
<u>B60L 1 /-</u>		2021360515	<u>C04B 28 /-</u>	2021290594	2019364656
2023200486	<u>B63G 8 /-</u>			2021394226	2021290594
	2019368560	<u>B65G 43 /-</u>	2019323184	2023201010	<u>C07D 451 /-</u>
<u>B60L 3 /-</u>		2018384079	<u>C05C 9 /-</u>	<u>C07D 215 /-</u>	2023201397
2022292241	<u>B63H 16 /-</u>			2021231743	<u>C07D 487 /-</u>
	2021273616	<u>B65G 47 /-</u>	2019224673	<u>C07D 221 /-</u>	2023203088
<u>B60L 50 /-</u>		2020418169	<u>C05G 3 /-</u>	2019400398	<u>C07D 491 /-</u>
2020360617	<u>B63H 8 /-</u>	2021360515			
2021261556		<u>B65G 7 /-</u>	2019224673	<u>C07D 231 /-</u>	2019302534
2022292241	2022343073		<u>C07B 61 /-</u>		
<u>B60L 58 /-</u>		2021360515	2023201945	2019364656	<u>C07D 498 /-</u>
2021261556	<u>B64C 29 /-</u>				
2022292241	2018355573	<u>B66B 1 /-</u>	<u>C07C 13 /-</u>	<u>C07D 233 /-</u>	2019233606
		2021275380		2021394226	2019351469
<u>B60P 3 /-</u>	2018355573	<u>B66B 31 /-</u>	2019272778	<u>C07D 235 /-</u>	<u>C07F 9 /-</u>
2019334174		2021308771	<u>C07C 211 /-</u>		2021320236
	<u>B64D 1 /-</u>			2019342102	<u>C07H 13 /-</u>
<u>B60S 9 /-</u>	2020225081	<u>B66B 5 /-</u>	2019272778	<u>C07D 237 /-</u>	
2019226092		2018323776	<u>C07C 215 /-</u>		2019364656
	<u>B64D 7 /-</u>			2019302534	
<u>B60T 1 /-</u>	2020225081	<u>B66C 1 /-</u>	2023201701	2021394226	<u>C07H 21 /-</u>
2023203412		2022209478	<u>C07C 229 /-</u>	<u>C07D 239 /-</u>	2019256465
	<u>B65D 25 /-</u>				
<u>B60T 10 /-</u>	2019260724	<u>B67D 1 /-</u>	2023201645	2021385745	<u>C07K 14 /-</u>
2023203412		2021316893	<u>C07C 233 /-</u>	<u>C07D 241 /-</u>	2018234695
	<u>B65D 43 /-</u>				2018331517
<u>B60W 30 /-</u>	2018353958	<u>B67D 7 /-</u>	2023201645	2021251788	2018341227
2019226092		2018240376	<u>C07C 309 /-</u>	2021290594	2019218931
2019251365	<u>B65D 47 /-</u>				2019240135
	2021322575	<u>B82Y 20 /-</u>	2023201701	<u>C07D 265 /-</u>	2019273132
<u>B60W 40 /-</u>			<u>C07C 323 /-</u>		2023241306
2019226092	<u>B65D 53 /-</u>	2020368363		2022238441	2024200950
	2018353958	<u>B82Y 5 /-</u>	2022216691	<u>C07D 295 /-</u>	2024219542
<u>B61F 5 /-</u>			<u>C07C 327 /-</u>		
2022317776	<u>B65D 55 /-</u>	2020368363		2023201645	<u>C07K 16 /-</u>
	2021401737	<u>C01B 3 /-</u>	2023201645	<u>C07D 401 /-</u>	2018209012
<u>B62B 3 /-</u>			<u>C07C 45 /-</u>		2018295119
2021221529	<u>B65D 77 /-</u>	2021421112		2019276359	2021202371
	2019260724	<u>C01C 1 /-</u>	2020334188	2019302534	2021202498
<u>B63B 13 /-</u>			<u>C07C 47 /-</u>	2021290594	2021204356
2021273616	<u>B65D 83 /-</u>	2019238898		2021376284	2022200272
	2019260724	<u>C01G 45 /-</u>	2020334188	<u>C07D 403 /-</u>	<u>C07K 19 /-</u>
<u>B63B 21 /-</u>			<u>C07C 49 /-</u>		2018209012
2019368560	<u>B65D 85 /-</u>	2023237062		2023201397	
2021340152	2018365298	<u>C01G 53 /-</u>	2020334188	<u>C07D 405 /-</u>	<u>C07K 7 /-</u>
	2019260724		<u>C07C 65 /-</u>		2019273132
<u>B63B 32 /-</u>		2022418104		2019364656	2021412202
2022343073	<u>B65F 3 /-</u>	2023237062	2018201794	<u>C07D 409 /-</u>	<u>C08J 5 /-</u>
	2023203069	<u>C02F 1 /-</u>	<u>C07D 209 /-</u>		2019272913
<u>B63B 34 /-</u>		2019317516		2021290594	
2021273616	<u>B65G 1 /-</u>		2019396560	<u>C07D 413 /-</u>	<u>C08K 3 /-</u>
			2019400398		
				2019271285	

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2020478543	<u>C12N 5/-</u>		<u>E04H 17/-</u>	2024204566	<u>F16K 99/-</u>
<u>C08K 7/-</u>	2018209012	<u>D06F 35/-</u>			
	2018341227		2023200014	<u>F03B 17/-</u>	2019265877
2019272913	2019220447	2022256190	<u>E05B 13/-</u>	2019348718	<u>F16L 11/-</u>
<u>C08L 23/-</u>	2019316505	<u>D06F 39/-</u>			
	2021240102		2021349100	<u>F03D 13/-</u>	2018387801
2019310043	2021307614	2022203579	<u>E05B 15/-</u>	2021340152	<u>F17C 3/-</u>
<u>C08L 71/-</u>	2022203153	<u>D06F 58/-</u>			
	2023241306		2019295415	<u>F04B 41/-</u>	2019282394
2019272913	<u>C12N 7/-</u>	2021238225	2021349100	2018211336	<u>F17D 5/-</u>
		2022256190	<u>E05B 17/-</u>		
<u>C08L 81/-</u>	2018209012	<u>D06F 71/-</u>		<u>F04B 49/-</u>	2021347839
	2018234695		2019295415	2018211336	<u>F24S 25/-</u>
2019272913	2018363202	2021238225	<u>E05B 47/-</u>		
<u>C09D 11/-</u>	<u>C12N 9/-</u>	2022256190		<u>F04B 9/-</u>	2023203266
		<u>D06F 73/-</u>	2021349100	2021273616	<u>F24T 10/-</u>
2019338111	2017250298		<u>E05B 63/-</u>		
2022421027	2020302043	2021238225		<u>F04D 29/-</u>	2021317823
<u>C09D 133/-</u>	2021266293	2022256190	2019295415	2023201683	<u>F26B 11/-</u>
	2021320569	<u>E01C 11/-</u>			
2019224673	2023285891		<u>E05B 65/-</u>	<u>F04D 31/-</u>	2021360515
<u>C09D 163/-</u>	<u>C12Q 1/-</u>	2022221468		2023201683	<u>F26B 13/-</u>
		<u>E01C 5/-</u>	2021401737		
2020478543	2018228279		<u>E05B 67/-</u>	<u>F15B 13/-</u>	2021360515
	2018248336	2022221468		2023203412	<u>F27B 1/-</u>
<u>C09D 5/-</u>	2018290975	<u>E01C 9/-</u>	2019412445		
	2018291368		<u>E06C 1/-</u>	<u>F16B 12/-</u>	2018403071
2020478543	2018318230	2022221468	2021276921	2019330606	<u>F27D 17/-</u>
<u>C09D 7/-</u>	2020302043	<u>E01H 1/-</u>		<u>F16B 13/-</u>	2021272824
	2022200686		<u>E06C 7/-</u>		
2022421027	2022204320	2019243661	2021276921	2022204855	<u>F27D 9/-</u>
	2022241472	<u>E02D 5/-</u>	<u>E21B 17/-</u>	<u>F16B 21/-</u>	2018403071
<u>C10K 3/-</u>	2022407332			2022343073	<u>F28D 15/-</u>
	2023241306	<u>E02D 5/-</u>	2019223200		
2021421112	<u>C12R 1/-</u>	2022204855	<u>E21B 21/-</u>	<u>F16B 5/-</u>	2021317823
<u>C10M 141/-</u>		<u>E02F 9/-</u>		2019330606	2023201948
	2023241306		2020401033		<u>F28D 20/-</u>
2019293378	<u>C21B 13/-</u>	2022268366	2021256403	<u>F16B 7/-</u>	2023201948
		2023203412	<u>E21B 23/-</u>	2018304963	<u>F28D 21/-</u>
<u>C11D 3/-</u>	2021272824	<u>E04B 1/-</u>		<u>F16B 9/-</u>	2019238898
			<u>E21B 33/-</u>	2018282368	<u>F28D 7/-</u>
2021387902	<u>C21B 3/-</u>	2018282368		<u>F16G 11/-</u>	2019238898
<u>C12N 1/-</u>		2023201796	2019206295	2022343073	
	2021360515	<u>E04B 2/-</u>	2021277179	2023200014	<u>F41A 33/-</u>
2018341227	<u>C22B 3/-</u>		<u>E21B 43/-</u>		
		2022241551		<u>F16J 15/-</u>	2020225081
<u>C12N 15/-</u>	2022279471	2023201796	2021277179	2021388062	<u>F41G 3/-</u>
	<u>C25B 1/-</u>	<u>E04B 5/-</u>		<u>F16K 15/-</u>	2020225081
2017250298			<u>E21B 47/-</u>	2021273616	<u>F41J 5/-</u>
2018209012	2019317516	2023201796		<u>F16K 37/-</u>	2020225081
2018234695	2020360617	<u>E04B 7/-</u>	2022204855		
2018261790	<u>C25B 9/-</u>		2024204566	2019326762	<u>F42B 1/-</u>
2018315731		2023201796	<u>E21D 20/-</u>		
2018318230	2019222995	<u>E04B 7/-</u>			
2018341227			<u>E21D 21/-</u>		
2018347545	<u>D04H 1/-</u>	2023201796			
2019218931		<u>E04C 2/-</u>			
2021202371	2019219844				
2021307614	<u>D06F 33/-</u>	2023201796			
2021320569		<u>E04F 15/-</u>			
2022202770	2022203579				
2022204320	<u>D06F 34/-</u>	2019272629			
2022218603					
2023241306					
	2021238225				

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F42D 1 /-	G01N 33 /-	G02B 26 /-	2023203604	G08C 17 /-	2023200126
2022203936	2017396320	2019360042	G06N 20 /-	2023200486	H01M 10 /-
F42D 3 /-	2018209012	G02B 27 /-	2019401506		2020287566
2022203936	2018228279	2019236460	2020222400	G08G 1 /-	2022292241
	2018230686	2019360042	G06N 5 /-	2019251365	H01M 16 /-
	2018290975	2020458979	2023203460	2022268366	2020360617
G01B 11 /-	2018300963	G02B 3 /-	G06N 99 /-	G08G 5 /-	H01M 4 /-
2019211451	2019385743	2021275053	2023203604	2020230003	2023233213
	2020368363	G02B 6 /-	G06Q 10 /-	2022252791	2023237062
	2021202498	2019236460	2018374995	G09B 23 /-	H01M 8 /-
G01C 1 /-	20212229125	G02C 7 /-	2021401740	2019351942	2019209836
2022263592	2021232712	2021275053	G06Q 50 /-	G10L 15 /-	2019222995
	2022411956	G02B 6 /-	2018374995	2023203230	2019408009
	2023241306	2019375200	2020222400	G10L 17 /-	2020360617
G01C 15 /-	G01N 35 /-	G05D 23 /-	2019401506	2023203230	2021385919
2022263592	2019385743	2019251365	2020222400	G10L 19 /-	H01R 13 /-
	2020418169	G05D 1 /-	G06T 15 /-	2021358432	2019222740
G01C 5 /-	G01P 15 /-	2019251365	2023274149	G10L 21 /-	H01R 9 /-
2022263592	2022263592	G05D 3 /-	2023274149	2019244338	2021328015
	G01R 19 /-	2022378129	G06T 17 /-	G11B 27 /-	H01S 3 /-
G01D 21 /-	2022377184	G06F 1 /-	2023274149	2019283979	2019360042
2021213832	G01R 27 /-	2021431032	2019244338	G11C 29 /-	H01S 5 /-
	2022377184	G06F 11 /-	G06T 5 /-	2023202494	2019360042
G01F 15 /-	G01S 13 /-	2023202494	2019236460	G16H 10 /-	H02B 1 /-
2019348718	2021213832	G06F 13 /-	G06T 7 /-	2023202494	2023206166
	G01S 15 /-	2018431763	2021329410	G16H 15 /-	H02G 1 /-
G01J 3 /-	2022263592	2019374042	2022252791	2023241370	2019206295
2022411956	G01S 17 /-	G06F 16 /-	2022378129	G16H 20 /-	H02H 3 /-
	2021213832	2022211404	G06T 9 /-	2023241370	2022377184
G01K 1 /-	G01S 19 /-	2022214296	2023274149	2018374995	2023202205
2022279449	2023282223	G06F 17 /-	G06V 20 /-	2019257635	H02J 13 /-
	G01S 3 /-	2019374042	2019401506	2021390159	2019211451
G01K 13 /-	2022263592	G06F 21 /-	2022252791	G16H 40 /-	H02J 3 /-
2022279449	G01S 7 /-	2019281965	2019281965	2019257635	2021341675
	2018431763	G06F 3 /-	G07F 13 /-	2023241370	2022209198
G01K 13 /-	2019368560	2019244338	2021316893	G16H 50 /-	2022288445
2022279449	2022263592	2019374042	2023200439	2021390159	2023202205
	G01S 17 /-	2022211404	2023204666	H01F 17 /-	H02J 4 /-
G01L 5 /-	2022263592	G06F 16 /-	G06V 40 /-	2023237050	2023251535
2019347754	G01S 19 /-	2022211404	2019281965	H01H 47 /-	H02J 50 /-
2021213832	2023282223	G06F 17 /-	G07F 9 /-	2020201831	2023216752
	G01S 3 /-	2019374042	2019374042	H01L 31 /-	H02J 7 /-
G01M 13 /-	2022263592	G06F 21 /-	G08B 13 /-		2021261556
2019375200	G01S 7 /-	2019281965	2023251497		
	2019368560	G06F 3 /-	G08B 25 /-		
G01M 3 /-	G01T 1 /-	2019244338	2023251535		
2019326762	2019273132	2019374042			
2021347839	G01V 1 /-	2021431032			
	2020334307	2023200439			
G01N 1 /-	G01V 3 /-	2023204666			
2020418169	2021426683	G06F 40 /-			
	G01V 5 /-	2022211404			
G01N 11 /-	2020396915	G06N 10 /-			
2017396320	2020396915	2019243177			
		2023203460			
G01N 21 /-					
2020368363					
2022411956					
G01N 30 /-					
2021342272					

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2021341675	2023201729	2021400179
2022288445	<u>H04L 67 /-</u>	2022454927
2022292241		2023201729
<u>H02K 21 /-</u>	2018447611	<u>H04W 74 /-</u>
2022317776	<u>H04L 9 /-</u>	2018415674
<u>H02K 5 /-</u>	2019243177	2018443832
2022317776	2024201781	<u>H04W 76 /-</u>
<u>H02K 7 /-</u>	<u>H04M 3 /-</u>	2018447611
2022317776	2023203230	2019351324
<u>H02S 10 /-</u>	<u>H04N 19 /-</u>	2021301958
2021341675	2019357929	2022207565
<u>H02S 20 /-</u>	2019377757	<u>H04W 8 /-</u>
2023203266	2023202062	2020463541
<u>H02S 40 /-</u>	2023204353	<u>H04W 88 /-</u>
2023200126	<u>H04N 21 /-</u>	2022339895
<u>H03B 1 /-</u>	2019244338	2022419262
2023237050	2020409128	<u>H05K 1 /-</u>
<u>H03B 27 /-</u>	2021329410	2021342492
2023237050	2023251497	<u>H05K 3 /-</u>
<u>H03B 5 /-</u>	<u>H04N 7 /-</u>	<u>H05K 5 /-</u>
2023237050	<u>H04R 1 /-</u>	2023206166
<u>H03K 17 /-</u>	2022209238	<u>H05K 7 /-</u>
2019412445	<u>H04R 3 /-</u>	2023206166
<u>H03M 13 /-</u>	2019244338	<u>H10N 60 /-</u>
2023202494	<u>H04S 7 /-</u>	2023202193
<u>H04B 1 /-</u>	2019244338	
2022339895	<u>H04W 16 /-</u>	
2023282223	2021350947	
<u>H04B 10 /-</u>	<u>H04W 24 /-</u>	
2019243177	2021301958	
<u>H04L 12 /-</u>	2023200823	
2024201781	<u>H04W 36 /-</u>	
<u>H04L 43 /-</u>	2022419262	
2024201781	<u>H04W 4 /-</u>	
<u>H04L 45 /-</u>	2023200823	
2024201781	2023216752	
<u>H04L 47 /-</u>	<u>H04W 48 /-</u>	
2024201781	2022419262	
<u>H04L 5 /-</u>	<u>H04W 56 /-</u>	
2018443832	2018415674	
	<u>H04W 72 /-</u>	
	2019370231	

Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Lodged

- 2018303666 **United States Gypsum Company** (CSR Building Products Limited)
- 2021368356 **JFE STEEL CORPORATION; JFE GALVANIZING & COATING CO., LTD.** (BlueScope Steel Limited)

Opposition under Section 104(4) - Lodged

- 2014200312 **Wamlez Pty Ltd** (Crimsafe Security Solutions Pty Ltd)

Patents Granted

Standard Patents

- 2017234009 2017235361 2017252128 2017258882
- 2017261292 2017339711 2017364473 2017378336
- 2017380257 2017381296 2017437704 2017441015
- 2018203604 2018211904 2018213671 2018224205
- 2018227440 2018229565 2018241231 2018247923
- 2018247925 2018254753 2018256863 2018257921
- 2018260776 2018263240 2018266409 2018266784
- 2018267129 2018270772 2018273077 2018274879
- 2018275025 2018275270 2018280236 2018282360
- 2018282382 2018282478 2018284101 2018288000
- 2018289438 2018290190 2018293446 2018293556
- 2018295115 2018298071 2018303340 2018325256
- 2018326547 2018327682 2018331956 2018333452
- 2018336135 2018337027 2018342785 2018345306
- 2018352182 2018353150 2018354718 2018359330
- 2018369353 2018370379 2018372766 2018373494
- 2018374564 2018374621 2018376913 2018377588
- 2018383754 2018385889 2018387013 2018387258
- 2018387736 2018388577 2018389009 2018389080
- 2018392948 2018395057 2018399127 2018399144
- 2018417610 2018419112 2018422587 2018423557
- 2018432691 2018439206 2019202980 2019204238
- 2019204250 2019206573 2019212080 2019212565
- 2019213690 2019214394 2019214459 2019214998
- 2019217670 2019218021 2019218975 2019223204
- 2019223264 2019224039 2019226300 2019226575
- 2019229186 2019232478 2019233355 2019236227
- 2019238323 2019245428 2019252587 2019260159
- 2019261331 2019264364 2019265476 2019267959
- 2019272478 2019272986 2019276047 2019278617
- 2019281523 2019282239 2019282463 2019283799
- 2019288262 2019298314 2019302569 2019302995
- 2019303989 2019304871 2019305001 2019310451
- 2019323106 2019338592 2019343850 2019352818
- 2019361309 2019373764 2019375315 2019377141
- 2019384136 2019390253 2019418259 2019420098
- 2019440945 2020235666 2020265827 2020269416
- 2020270242 2020277233 2020281743 2020289850
- 2020316414 2020319665 2020346256 2020357635
- 2020358156 2020372948 2020373017 2020385107
- 2020387322 2020387479 2020391280 2020397131
- 2020401242 2020403849 2020407624 2020407675
- 2020407861 2020409646 2020415654 2020430989
- 2020455613 2020456769 2020470244 2020472387
- 2020481327 2020483987 2021200638 2021202853
- 2021203313 2021203467 2021204040 2021205080
- 2021208441 2021213892 2021218141 2021224538
- 2021234359 2021236071 2021238329 2021240252
- 2021254256 2021254760 2021260292 2021261907
- 2021263028 2021266574 2021268573 2021273057
- 2021285914 2021290491 2021294050 2021294428

Patents Granted

Standard Patents

- 2021299844 2021301196 2021304124 2021306282
- 2021315565 2021318189 2021319366 2021320048
- 2021327809 2021331239 2021333082 2021336742
- 2021341865 2021344023 2021345218 2021351210
- 2021353091 2021354757 2021357884 2021365696
- 2021366691 2021373128 2021375609 2021376025
- 2021386360 2021392592 2021402336 2021403084
- 2021403197 2021405417 2021405604 2021411658
- 2021416061 2022200016 2022200524 2022200540
- 2022201274 2022201534 2022201626 2022201815
- 2022202252 2022202338 2022202487 2022202556
- 2022202864 2022203228 2022203486 2022203732
- 2022203786 2022204410 2022204648 2022207740
- 2022209338 2022211810 2022211874 2022212028
- 2022213434 2022215124 2022215296 2022215571
- 2022215952 2022217899 2022221470 2022235621
- 2022241539 2022244795 2022246383 2022252792
- 2022252820 2022252845 2022268357 2022268392
- 2022271504 2022271505 2022275419 2022279383
- 2022279476 2022283619 2022283654 2022283702
- 2022283789 2022287585 2022291451 2022291525
- 2022292046 2022313201 2022352515 2022359895
- 2022373184 2022375208 2022382268 2022408198
- 2022425345 2023200001 2023200047 2023200172
- 2023200213 2023200253 2023200341 2023200344
- 2023200658 2023200777 2023200908 2023200923
- 2023200982 2023201208 2023201502 2023202264
- 2023202311 2023202533 2023202541 2023202896
- 2023203553 2023203904 2023204211 2023251511
- 2023270340 2023274058 2023278023 2023285751
- 2023355065 2024200209 2024200217

Innovation Patents

- 2024100027 2024100028 2024100031

Assignments Registered

- 2006238748 Air Products and Chemicals, Inc. The patent has been assigned to **HERCULES PROJECT COMPANY LLC**
- 2008350052 FMC Technologies SA The patent has been assigned to **T.EN Loading Systems**
- 2009318882 Air Products and Chemicals, Inc. The patent has been assigned to **HERCULES PROJECT COMPANY LLC**
- 2010201730 Air Products and Chemicals, Inc. The patent has been assigned to **HERCULES PROJECT COMPANY LLC**
- 2010209420 FMC Technologies SA The patent has been assigned to **T.EN Loading Systems**
- 2011213886 First Water Limited; Prometheus Medical Ltd The patent has been assigned to **First Water Ramsbury Limited; Safeguard Medical UK Ltd**
- 2011298101 FMC Technologies SA The patent has been assigned to **T.EN Loading Systems**
- 2012241481 FMC Technologies SA The patent has been assigned to **T.EN Loading Systems**
- 2012344005 Idemia Identity & Security France The patent has been assigned to **Carrus Gaming**
- 2013202933 Air Products and Chemicals, Inc. The patent has been assigned to **HERCULES PROJECT COMPANY LLC**
- 2013216868 Protegrity Corporation The patent has been assigned to **Protegrity US Holding**

Assignments Registered

2013288832 Vid Scale, Inc. The patent has been assigned to **Interdigital VC Holdings, Inc.**

2013288859 Vid Scale, Inc. The patent has been assigned to **Interdigital VC Holdings, Inc.**

2013296552 Air Products and Chemicals, Inc. The patent has been assigned to **HERCULES PROJECT COMPANY LLC**

2013308719 Vid Scale, Inc. The patent has been assigned to **Interdigital VC Holdings, Inc.**

2014240197 Protegrity Corporation The patent has been assigned to **Protegrity US Holding**

2014240202 Protegrity Corporation The patent has been assigned to **Protegrity US Holding**

2014362246 Vid Scale, Inc. The patent has been assigned to **Interdigital VC Holdings, Inc.**

2015201965 Air Products and Chemicals, Inc. The patent has been assigned to **HERCULES PROJECT COMPANY LLC**

2015201967 Air Products and Chemicals, Inc. The patent has been assigned to **HERCULES PROJECT COMPANY LLC**

2015201969 Air Products and Chemicals, Inc. The patent has been assigned to **HERCULES PROJECT COMPANY LLC**

2015228999 Vid Scale, Inc. The patent has been assigned to **Interdigital VC Holdings, Inc.**

2015231883 Vid Scale, Inc. The patent has been assigned to **Interdigital VC Holdings, Inc.**

2015238780 Air Products and Chemicals, Inc. The patent has been assigned to **HERCULES PROJECT COMPANY LLC**

2015238872 Idemia Identity & Security France The patent has been assigned to **Carrus Gaming**

2015306246 3P Technik Filtersysteme GmbH The patent has been assigned to **SaniSolar GmbH**

2015328326 Vid Scale, Inc. The patent has been assigned to **Interdigital VC Holdings, Inc.**

2015370645 Mootral SA The patent has been assigned to **MOOTRAL INNOVATIONS LIMITED**

2016200259 Air Products and Chemicals, Inc. The patent has been assigned to **HERCULES PROJECT COMPANY LLC**

2016201708 Protegrity Corporation The patent has been assigned to **Protegrity US Holding**

2016201903 Vid Scale, Inc. The patent has been assigned to **Interdigital VC Holdings, Inc.**

2016202430 Air Products and Chemicals, Inc. The patent has been assigned to **HERCULES PROJECT COMPANY LLC**

2016216674 Vid Scale, Inc. The patent has been assigned to **Interdigital VC Holdings, Inc.**

2016231640 Air Products and Chemicals, Inc. The patent has been assigned to **HERCULES PROJECT COMPANY LLC**

2016274559 3TEMP AB The patent has been assigned to **PLAE 2 TECH AB**

Assignments Registered

2016299960 Info Wise Limited The patent has been assigned to **Parklink Developments**

2016411102 FMC Technologies The patent has been assigned to **T.EN Loading Systems**

2017200225 Vid Scale, Inc. The patent has been assigned to **Interdigital VC Holdings, Inc.**

2017200916 IDEMIA IDENTITY & SECURITY FRANCE The patent has been assigned to **Carrus Gaming**

2017202136 Air Products and Chemicals, Inc. The patent has been assigned to **HERCULES PROJECT COMPANY LLC**

2017203215 Air Products and Chemicals, Inc. The patent has been assigned to **HERCULES PROJECT COMPANY LLC**

2017204908 Air Products and Chemicals, Inc. The patent has been assigned to **HERCULES PROJECT COMPANY LLC**

2017211260 Larsen, Ebbe The patent has been assigned to **Unibio Tech Science ApS**

2017270336 FMC Technologies The patent has been assigned to **T.EN Loading Systems**

2018201588 Air Products and Chemicals, Inc. The patent has been assigned to **HERCULES PROJECT COMPANY LLC**

2018201591 Air Products and Chemicals, Inc. The patent has been assigned to **HERCULES PROJECT COMPANY LLC**

2018223030 Vid Scale, Inc. The patent has been assigned to **Interdigital VC Holdings, Inc.**

2018226462 Air Products and Chemicals, Inc. The patent has been assigned to **HERCULES PROJECT COMPANY LLC**

2018233053 Air Products and Chemicals, Inc. The patent has been assigned to **HERCULES PROJECT COMPANY LLC**

2018233054 Air Products and Chemicals, Inc. The patent has been assigned to **HERCULES PROJECT COMPANY LLC**

2018242161 FMC Technologies The patent has been assigned to **T.EN Loading Systems**

2018244983 Mootral SA The patent has been assigned to **MOOTRAL INNOVATIONS LIMITED**

2018276117 Mootral SA The patent has been assigned to **MOOTRAL INNOVATIONS LIMITED**

2018322492 Dream Channel Pty. Ltd. The patent has been assigned to **Hologram Pty Ltd**

2019202814 Air Products and Chemicals, Inc. The patent has been assigned to **HERCULES PROJECT COMPANY LLC**

2019202815 Air Products and Chemicals, Inc. The patent has been assigned to **HERCULES PROJECT COMPANY LLC**

2019203150 Air Products and Chemicals, Inc. The patent has been assigned to **HERCULES PROJECT COMPANY LLC**

2019208279 Air Products and Chemicals, Inc. The patent has been assigned to **HERCULES PROJECT COMPANY LLC**

2019212951 Vid Scale, Inc. The patent has been assigned to **Interdigital VC Holdings, Inc.**

Assignments Registered

2019213373 Air Products and Chemicals, Inc. The patent has been assigned to **HERCULES PROJECT COMPANY LLC**

2019215010 Smiths Medical ASD, Inc. The patent has been assigned to **ICU Medical, Inc.**

2019268173 Air Products and Chemicals, Inc. The patent has been assigned to **HERCULES PROJECT COMPANY LLC**

2019295574 Vid Scale, Inc. The patent has been assigned to **Interdigital VC Holdings, Inc.**

2019408916 Sting Industries Ltd The patent has been assigned to **Tonner Drones**

2020201573 Air Products and Chemicals, Inc. The patent has been assigned to **HERCULES PROJECT COMPANY LLC**

2020210245 Vid Scale, Inc. The patent has been assigned to **Interdigital VC Holdings, Inc.**

2020363817 Air Products and Chemicals, Inc. The patent has been assigned to **HERCULES PROJECT COMPANY LLC**

2021107009 THEAU, EMILE The patent has been assigned to **Piilley, Alastair**

2021107584 Emerald Planet Environmental Pty Ltd The patent has been assigned to **Emerled Pty Ltd**

2021200263 AIR PRODUCTS AND CHEMICALS, INC. The patent has been assigned to **HERCULES PROJECT COMPANY LLC**

2021201501 Air Products and Chemicals, Inc. The patent has been assigned to **HERCULES PROJECT COMPANY LLC**

2021201689 Info Wise Limited The patent has been assigned to **Parklink Developments**

2021204327 Air Products and Chemicals, Inc. The patent has been assigned to **HERCULES PROJECT COMPANY LLC**

2021225175 Air Products and Chemicals, Inc. The patent has been assigned to **HERCULES PROJECT COMPANY LLC**

2022200594 Air Products and Chemicals, Inc. The patent has been assigned to **HERCULES PROJECT COMPANY LLC**

2022204410 Air Products and Chemicals, Inc. The patent has been assigned to **HERCULES PROJECT COMPANY LLC**

2023242795 3DSG PTY LTD The patent has been assigned to **Digital Sleep Design Pty Ltd**

Mortgages Registered - Section 187, Reg. 19

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

2018224065 Yield10 Bioscience, Inc. (NUSEED NUTRITIONAL US INC)

2019335193 Yield10 Bioscience, Inc. (NUSEED NUTRITIONAL US INC)

2020274996 Yield10 Bioscience, Inc. (NUSEED NUTRITIONAL US INC)

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Extensions granted

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

2009331570 **Novo Nordisk A/S**

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

For the goods ALHEMO concizumab

Extension of Term of patent pursuant to Section 77 expires on 18 Dec 2034

2014348523 **Akebia Therapeutics, Inc.**

The earliest first regulatory approval date provided by the patentee 04 Oct 2023

For the goods VAFSEO vadadustat

Extension of Term of patent pursuant to Section 77 expires on 04 Oct 2038

2016243700 **Akebia Therapeutics, Inc.**

The earliest first regulatory approval date provided by the patentee 04 Oct 2023

For the goods VAFSEO vadadustat

Extension of Term of patent pursuant to Section 77 expires on 04 Oct 2038

2020200903 **Akebia Therapeutics, Inc.**

The earliest first regulatory approval date provided by the patentee 04 Oct 2023

For the goods VAFSEO vadadustat

Extension of Term of patent pursuant to Section 77 expires on 04 Jun 2038

2020273282 **Akebia Therapeutics, Inc.**

The earliest first regulatory approval date provided by the patentee 04 Oct 2023

For the goods VAFSEO vadadustat

Extension of Term of patent pursuant to Section 77 expires on 04 Oct 2038

2020294308 **Akebia Therapeutics, Inc**

The earliest first regulatory approval date provided by the patentee 04 Oct 2023

For the goods VAFSEO vadadustat

Extension of Term of patent pursuant to Section 77 expires on 04 Oct 2038

Corrigenda

In Vol 58 , No 33 , Page(s) 4881 under the heading **Applications Accepted - Name Index** Delete all reference to 2023203437.

Specifications Republished

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

2018234640 **Juno Therapeutics, Inc.**
 2018263059 **Schaub, W.**
 2018266784 **Scholar Rock, Inc.**
 2019201846 **Aktiebolaget SKF**
 2019277966 **Huawei Technologies Co., Ltd.**

Specifications Republished

2020380409 VICTORIAN HYDRAULICS PTY LTD
 2020464325 NEJEDLIK, T.; ALT, E.F.
 2020466611 BOTSWANA INTERNATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY
 2020469045 SUZHOU ERSHENG BIOPHARMACEUTICAL CO., LTD
 2020469388 HUAWEI TECHNOLOGIES CO., LTD.
 2020471015 GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.
 2020471659 ELECTROLUX HOME PRODUCTS, INC.
 2020472445 NIPPON TELEGRAPH AND TELEPHONE CORPORATION
 2020473277 ROVI GUIDES, INC.
 2020473292 NICOLAESCU, G.
 2020474337 CHOWDHURY, S.R.
 2020475251 TRIAGENICS, INC.
 2020476322 HUAWEI TECHNOLOGIES CO., LTD.
 2020476417 TIPPMANN CONSTRUCTION, LLC
 2020476498 TRANSITIONS OPTICAL, LTD.
 2020477933 PARITY QUANTUM COMPUTING GMBH
 2021327391 EMPO HEALTH, INC.
 2021327937 ROOSTER, LLC
 2021328062 COLACO, S.A.
 2021329641 PARAGON ADVANCED TECHNOLOGIES, INC.
 2021330374 SENSE BIODETECTION LIMITED
 2021331686 SENSE BIODETECTION LIMITED
 2021332130 ETHICON, INC.
 2021332948 OKTO Grid ApS
 2021333021 MASCHINENFABRIK REINHAUSEN GMBH
 2021334278 NIPPON BEET SUGAR MANUFACTURING CO.,LTD.
 2021335200 REGENERON PHARMACEUTICALS, INC.
 2021335373 ALEKNAVICIUS, J.
 2021335378 Aramis Biotechnologies Inc.
 2021336356 LG ELECTRONICS INC.
 2021338773 CASI PHARMACEUTICALS, INC.
 2021339091 LUMENIS BE LTD.
 2021339584 INSITRO, INC.
 2021340793 VOR BIOPHARMA INC.
 2021341412 GLOBALFORCE IP LIMITED
 2021342045 CONOCOPHILLIPS COMPANY
 2021342448 QINGDAO HAIER REFRIGERATOR CO., LTD.; HAIER SMART HOME CO., LTD.
 2021342481 EVELO BIOSCIENCES, INC.
 2021342965 KYOTO PREFECTURAL PUBLIC UNIVERSITY CORPORATION; KYOTO SANGYO UNIVERSITY
 2021343526 ARTISAN DEVELOPMENT LABS, INC.
 2021344385 CHIA TAI TIANQING PHARMACEUTICAL GROUP CO., LTD.
 2021344515 NEW YORK STEM CELL FOUNDATION, INC.
 2021344782 VISIONBALANCE TECH SRL
 2021344915 PREMIER SPECIALTY BRANDS, LLC
 2021344946 ELI LILLY AND COMPANY
 2021345262 REGENERON PHARMACEUTICALS, INC.
 2021345432 GE Grid Solutions LLC
 2021346235 TREEFROG THERAPEUTICS
 2021346650 HUSQVARNA AB
 2021347171 W.C. BRADLEY CO.
 2021347175 KEYAVI DATA CORP.
 2021347814 TRANSLATE BIO, INC.
 2021348321 BEIJING JINGKELUN ENGINEERING DESIGN AND RESEARCH INSTITUTE CO., LTD.
 2021348595 SHOUGANG GROUP CO., LTD.; BEIJING SHOUGANG CO., LTD.
 2021349100 BURG LÜLING GMBH & CO. KG; USM U. SCHÄRER SÖHNE AG
 2021349178 ELITE PHARMACEUTICAL SOLUTION INC.
 2021349185 FLOWSERVE PTE. LTD.
 2021349779 PLATT, T.
 2021350015 CARDURION PHARMACEUTICALS, INC.
 2021350017 RHYTHM PHARMACEUTICALS, INC.
 2021350271 KYOTO UNIVERSITY

Specifications Republished

2021350473 MERUS N.V.
 2021351105 LINDE GMBH; BUTTING CRYO TECH GMBH
 2021351639 LINDSAY CORPORATION
 2021351681 ROCKING INC.
 2021353032 HERRENKNECHT AG
 2021353472 SH GROUP A/S
 2021353497 AUDACY OPERATIONS, INC.
 2021353594 STRONG FORCE IOT PORTFOLIO 2016, LLC
 2021353955 NEURO DEVICE GROUP S.A.
 2021353968 AstraZeneca AB
 2021353982 PHILIP MORRIS PRODUCTS S.A.
 2021354058 Livedx Inc.
 2021355519 BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM
 2021355743 HAI ROBOTICS CO., LTD.
 2021356119 WÖRWAG PHARMA GMBH & CO.KG
 2021356583 WEBCO PARTNERS, LLC
 2021356630 BOEHRINGER INGELHEIM VETMEDICA GMBH
 2021356687 BIOXCEL THERAPEUTICS, INC.
 2021356774 URAVU LABS PRIVATE LIMITED
 2021356989 GELITA AG
 2021357575 AESCULAP AG
 2021358048 REGENXBIO Inc.
 2021358069 TENAYA THERAPEUTICS, INC.
 2021358076 THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
 2021358110 FATE THERAPEUTICS, INC.
 2021358114 Pressure Systems International, LLC
 2021358153 THE ROYAL INSTITUTION FOR THE ADVANCEMENT OF LEARNING/MCGILL UNIVERSITY
 2021358426 NOVOZYMES A/S
 2021358526 Cibus Europe B.V.
 2021358662 PFIZER INC.; CHILDREN'S MEDICAL CENTER CORPORATION
 2021358855 FUTURE MOTION, INC.
 2021358994 SHARKNINJA OPERATING LLC
 2021358995 DIGNIFY THERAPEUTICS, LLC
 2021359166 LESAFFRE ET COMPAGNIE
 2021359289 ALCON INC.
 2021359635 EVELIQURE BIOTECHNOLOGIES GMBH
 2021359747 BOAL SYSTEMEN B.V.
 2021359750 KUMOVIS GMBH
 2021359787 ReBerni Limited
 2021359844 THE REGENTS OF THE UNIVERSITY OF MICHIGAN
 2021359871 W. L. GORE & ASSOCIATES, INC.
 2021360147 GAMBRO LUNDIA AB
 2021360206 GIVAUDAN SA
 2021360299 JOHNSON & JOHNSON VISION CARE, INC.
 2021360935 GENENTECH, INC.; F. HOFFMANN-LA ROCHE AG
 2021361359 DAIKIN INDUSTRIES, LTD.
 2021362206 GEORGE MASON RESEARCH FOUNDATION, INC.; THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA
 2021362374 SANTEN PHARMACEUTICAL CO., LTD.
 2021362737 SINGH, B.A.
 2021363124 APPLIED ELECTRIC VEHICLES LTD
 2021363134 VIRENTIA INNOVATION INC.
 2021363283 ACCENDATECH CO., LTD.; NANKAI UNIVERSITY
 2021363748 JK-HOLDING GMBH
 2021363969 HUSQVARNA AB
 2021364336 WING AVIATION LLC
 2021364565 The Procter & Gamble Company
 2021364764 WIRTH, B.
 2021364900 XEQUEL BIO, INC.
 2021365222 NUCTECH COMPANY LIMITED; TSINGHUA UNIVERSITY
 2021365360 SEW-EURODRIVE GMBH & CO. KG
 2021365542 SINTETICA S.A.
 2021365632 TOOLS AVIATION, LLC
 2021365810 EVOQUA WATER TECHNOLOGIES LLC

Specifications Republished

2021365822 ALNYLAM PHARMACEUTICALS, INC.
 2021365850 ARVINAS OPERATIONS, INC.
 2021366092 TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
 2021366254 AVECHO BIOTECHNOLOGY LIMITED
 2021366256 SICONA BATTERY TECHNOLOGIES PTY LTD
 2021366379 NICOVENTURES TRADING LIMITED
 2021366720 LENOVO (SINGAPORE) PTE. LTD.
 2021366739 SIENRA, INC.; GEIGER, S.C.; CARLISLE, D.; MC-CLELLAN, T.
 2021367592 KOREA INSTITUTE OF RADIOLOGICAL & MEDICAL SCIENCES
 2021367835 AUMA RIESTER GMBH & CO. KG
 2021367905 CARBIOS
 2021368107 VIRACTA SUBSIDIARY, INC.
 2021368116 GEOQUEST SYSTEMS B.V.
 2021368233 MCCLURE, T.R.
 2021368757 NAGY, A.N.
 2021369354 ILLINOIS TOOL WORKS INC.
 2021369683 SPYGLASS PHARMA, INC.; THE REGENTS OF THE UNIVERSITY OF COLORADO, A BODY CORPORATE
 2021369809 ELANCO TIERGESUNDHEIT AG
 2021369823 BRISTOL-MYERS SQUIBB COMPANY
 2021369844 BRADKEN RESOURCES PTY LIMITED
 2021369849 ROYAL MELBOURNE INSTITUTE OF TECHNOLOGY
 2021369929 NOVARTIS AG
 2021370748 HUBTEX MASCHINENBAU GMBH & CO. KG
 2021371091 SOILMEC SPA
 2021371161 JTL ENTERPRISES, INC.
 2021372000 GLOBERIDE, INC.
 2021372452 PACIFIC INVESTMENT MANAGEMENT COMPANY LLC
 2021372464 O&M HALYARD, INC.
 2021372715 UNIVERSIDAD PABLO DE OLAVIDE
 2021372797 DENDROGENIX
 2021373262 UNIVERSITÄT BERN; SILENCE THERAPEUTICS GMBH
 2021373566 CAPITAL ONE SERVICES, LLC
 2021373795 LOCUS BIOSCIENCES, INC.
 2021373880 CANCER ADVANCES INC.; GEORGETOWN UNIVERSITY
 2021373889 AFFINIA THERAPEUTICS INC.; MASSACHUSETTS EYE AND EAR INFIRMARY; THE SCHEPENS EYE RESEARCH INSTITUTE, INC.
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