



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

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General Information

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or contact our Customer Service Network on 1300651010*

Editorial enquiries

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

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

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

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

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

The following Numerical Indices are available:

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

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

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

The indices to use are

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

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

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

'INID' NUMBERS in use on Australian Patent Documents

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

(10) Document identification

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

(20) Document filing data

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

(30) Priority data

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

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

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

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

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

(50) Technical Information

(51) International Patent Classification

(52) Domestic or national classification

(54) Title of invention

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

(57) Abstract or claim

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

(60) Related by cognate(s).

(61) Related by addition(s).

(62) Related by division(s).

(70) Identification of parties concerned with the document

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

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

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

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

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

(86) PCT Application Number

(87) PCT Publication Number

NOTE

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

AU-A = Pre-examination

AU-B = Post-examination

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

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

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

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

Proceedings under the Patents Act 1990

Provisional Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 5 Nov 2024 .

(71) Advanced Chain Technologies (A.C.T.) Pty Limited (21) 2024903622 (22) 06.11.2024 (54) A top loader assembly	ic Performance under Dynamic Conditions (71) Bolt, R. (21) 2024903694 (22) 12.11.2024 (54) Method and System for Encoding and Transmitting Video Data over Digital Audio Channels with Advanced Compression and Modulation Techniques	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2024903699 (22) 12.11.2024 (54) Method for producing low alcohol or reduced alcohol beverages
(71) Alexander Grange Pty Ltd (21) 2024903691 (22) 11.11.2024 (54) Cooking appliance	(71) Breville Pty Limited (21) 2024903706 (22) 12.11.2024 (54) Heating assembly for a kitchen device	(71) CommuniKids (21) 2024903676 (22) 11.11.2024 (54) Turn-Based In-Person Communication Tool
(71) Alnaaz Pty Ltd (21) 2024903711 (22) 12.11.2024 (54) Service Matching Platform and Method	(71) Campbell, J. (21) 2024903687 (22) 11.11.2024 (54) IMPROVED CONCRETE TANK	(71) CONTAINER ROTATION SYSTEMS PTY LTD (21) 2024903700 (22) 12.11.2024 (54) CONTAINER ROTATOR WITH DUST SUPPRESSION
(71) Aly, W. (21) 2024903624 (22) 06.11.2024 (54) Augmented Nasal Cannula for Enhanced Oxygen Delivery and CO# Evacuation	(71) Central Adelaide Local Health Network Inc (21) 2024903613 (22) 05.11.2024 (54) MARKERS FOR DETERMINING RESPONSIVENESS TO IMMUNE CHECKPOINT INHIBITOR IMMUNOTHERAPY	(71) Cummins, I. (21) 2024903641 (22) 04.11.2024 (54) COLDFISSION WATER REACTORS PRODUCING "GREEN" HYDROGEN (H2) GAS, AND OXYGEN (O) GAS FROM H2O WATER TECHNOLOGY
(71) Amplia Therapeutics Limited (21) 2024903680 (22) 11.11.2024 (54) FAK inhibitors	(71) Chanis, R. (21) 2024903620 (22) 06.11.2024 (54) A therapeutic approach, wherein the integration of AI and VR technologies in meeting future selves represents a significant advancement in mental health therapy	(71) Dababneh, A. (21) 2024903625 (22) 06.11.2024 (54) Bike Suspension Fork Compression-Restricting Strut
(71) Augustin, M.A. (21) 2024903646 (22) 07.11.2024 (54) Mineral Delivery	(71) ClearVue Technologies Ltd (21) 2024903645 (22) 07.11.2024 (54) Reduced Solar Heat Gain	(71) Daemco Australia Pty Ltd (21) 2024903626 (22) 06.11.2024 (54) Generator
Baska, M. see Baska, K. (21) 2024903618	(71) COALBED INNOVATIONS PTY LTD (21) 2024903638 (22) 07.11.2024 (54) A SENSOR ARRANGEMENT FOR DETECTING THE COLOURS OF SLURRIES	(71) East Coast Electronics (Grafton) Pty Ltd (21) 2024903655 (22) 08.11.2024 (54) East Coast Electronics (Grafton) Pty Ltd
(71) Baska, K.; Baska, M. (21) 2024903618 (22) 06.11.2024 (54) APPARATUS FOR USE IN COLONOSCOPY PROCEDURES	(71) Baskaran, R. (21) 2024903679 (22) 11.11.2024 (54) GO-Doped MIL-53 Self-Assembled Microspheres for Enhanced Photocatalytic	

Provisional Applications Filed - Name Index cont'd

(71) FISHER & PAYKEL APPLIANCES LIMITED
 (21) 2024903654 (22) 08.11.2024
 (54) METHOD FOR CONTROLLING LAUNDRY MACHINE AND LAUNDRY MACHINE THEREOF

(71) Flamingo Maison Pty Ltd
 (21) 2024903682 (22) 11.11.2024
 (54) CONDUIT INSERT AND THE MANUFACTURE AND USE THEREOF

(71) FORMZOO DESIGN PTY LTD
 (21) 2024903686 (22) 11.11.2024
 (54) Cricket bat handle attachment for improving batting grip and comfort

(71) Freedman Electronics Pty Ltd
 (21) 2024903667 (22) 08.11.2024
 (54) A wind cap for a microphone and a wind cap assembly, and a microphone with wind cap

(71) FREIGHT CYBER PTY LTD
 (21) 2024903665 (22) 08.11.2024
 (54) A VEHICLE

(71) Galeri AG; Pathmanathan, A.
 (21) 2024903631 (22) 06.11.2024
 (54) Biologics Therapeutic Delivery System, Uses Thereof and Methods for Controlled Dispensing

(71) Gillies, A.
 (21) 2024903693 (22) 12.11.2024
 (54) Foam roller assembly for a seed drilling machine

(71) Green Ess Pty Ltd
 (21) 2024903640 (22) 07.11.2024
 (54) An Integrated Recreational Vehicle Power Control System

(71) Griffith University
 (21) 2024903636 (22) 06.11.2024
 (54) Immunogenic composition

(71) HARRIS, J.
 (21) 2024903643 (22) 07.11.2024
 (54) Vehicle alternator relocation arrangement

(71) HAWKE, E.
 (21) 2024903685 (22) 11.11.2024
 (54) A PRODUCT FOR EARLY DETECTION OF URINARY TRACT INFECTIONS (UTI) AND METHOD THEREOF

(71) Henry, A.
 (21) 2024903688 (22) 11.11.2024
 (54) Excavator dozer blade attachment & firewood cutting system

(71) Hexion, Inc.
 (21) 2024903629 (22) 06.11.2024
 (54) Fire-retardant resin composition and composite products

(71) Hive Chilling IP Pty Ltd
 (21) 2024903690 (22) 11.11.2024
 (54) MATERIAL HANDLING SYSTEM AND METHOD

(71) HJW Safety Pty Ltd
 (21) 2024903623 (22) 06.11.2024
 (54) Wearable Electrical Safety Apparatus & Method

(71) ICONTENT PTY LTD
 (21) 2024903698 (22) 12.11.2024
 (54) A METHOD OF PROVIDING INCENTIVE RISK FOR PROVIDING FINANCE

(71) INOVIQ Ltd
 (21) 2024903681 (22) 11.11.2024
 (54) Assay and method

(71) Inter Earth Pty Ltd
 (21) 2024903616 (22) 05.11.2024
 (54) A SYSTEM AND METHOD FOR BIOMASS CARBON DIOXIDE SEQUESTRATION

(71) JETBLACK INVESTMENTS PTY LTD
 (21) 2024903658 (22) 08.11.2024
 (54) SUPPORT DEVICES CONFIGURED TO IMPROVE USER EXPERIENCE IN RELATION TO STATIONARY CYCLING TRAINER ASSEMBLIES

Jonlo Engineering Pty Ltd see Peake, S.
 (21) 2024903647

(71) KCDC Hot Water Heaters
 (21) 2024903673 (22) 10.11.2024
 (54) ELECTRIC HOT WATER MICRO-TANK PREHEATER UNIT (3)

(71) KEEP INTELLIGENCE PTY LTD
 (21) 2024903633 (22) 06.11.2024
 (54) Reaction Perception System and Method

(71) Khodaveysi, M.
 (21) 2024903672 (22) 09.11.2024
 (54) Automated or Semi-Automated Integrated Intelligent Mining System for Mining

(71) Laconik Pty Ltd
 (21) 2024903621 (22) 06.11.2024
 (54) SIMULATION OF CROP PARAMETERS USING WEIGHTED POINT VECTOR LAYERS

(71) Li, D.L.
 (21) 2024903692 (22) 11.11.2024
 (54) Arrangement apparatus or arrangement pocket or positioning apparatus or positioning pocket

(71) Liberation Metallurgy International Pty Ltd
 (21) 2024903678 (22) 11.11.2024
 (54) A process for the recovery of metals from metal-bearing materials

(71) Linked Group Services Pty Ltd
 (21) 2024903683 (22) 11.11.2024
 (54) Solar panel deployment mechanisms

(71) Macdonald, J.
 (21) 2024903677 (22) 11.11.2024
 (54) Solar Tracking Device

(71) Maina, S.
 (21) 2024903669 (22) 09.11.2024
 (54) The Janz Pier Fishing Rod Holder

(71) Mak, J.S.P.
 (21) 2024903644 (22) 07.11.2024
 (54) Ergonomic knife

(71) MARKS (AUS) PTY LTD
 (21) 2024903689 (22) 11.11.2024
 (54) Product for casting in sprinklers to soft-fits

(71) Marschall, M.
 (21) 2024903627 (22) 06.11.2024
 (54) An Improved Suspension System

(71) Matalanis, G.
 (21) 2024903670 (22) 09.11.2024
 (54) STERNUM APPARATUS

(71) Multigate Medical Products Pty Ltd
 (21) 2024903660 (22) 08.11.2024
 (54) A Label and Label Application System and Method

(71) Murdoch Children's Research Institute
 (21) 2024903651 (22) 08.11.2024
 (54) SYSTEM AND METHOD FOR ELECTRICAL STIMULATION OF SAMPLES

Provisional Applications Filed - Name Index cont'd

(71) myVal Pty Limited
 (21) 2024903666 (22) 08.11.2024
 (54) SYSTEMS AND METHODS OF IN-
 VENTORY MANAGEMENT AND
 VALUATION

(71) Nanotherapy Plus Pty Ltd
 (21) 2024903659 (22) 08.11.2024
 (54) Microfluidic systems and uses thereof

(71) Nanotherapy Plus Pty Ltd
 (21) 2024903661 (22) 08.11.2024
 (54) Composite material for treating cancer

(71) Oldham, J.
 (21) 2024903619 (22) 06.11.2024
 (54) Air Conditioner Duct Connection

(71) Osmani, O.
 (21) 2024903684 (22) 11.11.2024
 (54) Scaffold-Free High-Rise Construction
 System and Method

Pathmanathan, A. see Galeri AG
 (21) 2024903631

(71) Peake, S.; Jonlo Engineering Pty Ltd
 (21) 2024903647 (22) 08.11.2024
 (54) Enhanced Processing of Radioact-
 ive Waste Tailings into Stable Carbon
 Products for Industrial Feedstock in In-
 dustrial Applications for Long Term Re-
 newable Energy

(71) Peake, S.
 (21) 2024903653 (22) 08.11.2024
 (54) Utilize The UEIE framework to predict
 and optimize the properties of novel
 codon-expressed amino acids by ac-
 counting for various molecular interac-
 tions & Rotational States effect on DNA

(71) Pell, D.
 (21) 2024903668 (22) 09.11.2024
 (54) Tension Brace Method Enables Gener-
 ic Mid-drive Motor Upgrade of Folding
 Bikes

(71) Pharmorage Pty Limited
 (21) 2024903630 (22) 06.11.2024
 (54) RIG-I inhibitors

(71) Polyvent Pty Ltd
 (21) 2024903652 (22) 08.11.2024
 (54) Pressure relief apparatus for under-
 ground ventilation system

(71) PRESTON, J.
 (21) 2024903664 (22) 08.11.2024
 (54) Reconfigurable Access Module

(71) Pretect Devices Pty Ltd
 (21) 2024903656 (22) 08.11.2024
 (54) A SYSTEM FOR MONITORING IN-
 TRAVENOUS INFILTRATION AND EX-
 TRAVASATION

(71) PURIFLOH LIMITED
 (21) 2024903628 (22) 06.11.2024
 (54) A METHOD FOR THE DESTRUCTION
 OF RECALCITRANT HALOGENATED
 COMPOUNDS

(71) PYC Therapeutics Limited
 (21) 2024903650 (22) 08.11.2024
 (54) Compositions and methods for treat-
 ment of kidney disease

(71) Qusion Pty Ltd
 (21) 2024903707 (22) 12.11.2024
 (54) A DRINK MIXING MACHINE

(71) Rataj, M.
 (21) 2024903632 (22) 06.11.2024
 (54) Rock bolt and installation

(71) Realty Media Group Pty Ltd
 (21) 2024903637 (22) 06.11.2024
 (54) Ai- Powered Property Brief Matching

(71) Repurpose Recycling Pty Ltd
 (21) 2024903663 (22) 08.11.2024
 (54) MATERIAL PROCESSING

(71) ResMed Pty Ltd
 (21) 2024903635 (22) 06.11.2024
 (54) RESPIRATORY THERAPY DEVICE

(71) ResMed Pty Ltd
 (21) 2024903657 (22) 08.11.2024
 (54) A Vent Assembly

(71) Roche, I.
 (21) 2024903662 (22) 08.11.2024
 (54) Treatment using facial immersion

(71) Saravanan, M.
 (21) 2024903712 (22) 12.11.2024
 (54) Track Trust technology

(71) Slabman PTY LTD
 (21) 2024903675 (22) 10.11.2024
 (54) A Fireproof Enclosure for Safe charging
 and storage of Rechargeable Batteries

(71) Snoretex Ltd
 (21) 2024903697 (22) 12.11.2024
 (54) USE OF TETANUS NEUROTOXIN
 FOR THERAPY

(71) SoundMind Holdings PTY LTD
 (21) 2024903703 (22) 12.11.2024
 (54) Method and System for Phase-Targeted
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 ter for EEG Slow-Wave Phase Estima-
 tion

(71) STA Holdings Pty Ltd
 (21) 2024903695 (22) 12.11.2024
 (54) SPRING ARRANGEMENT

(71) SUBTERRANEAN SOLUTIONS PTY
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 (21) 2024903634 (22) 06.11.2024
 (54) METHOD OF INSTALLING A CON-
 CRETE STRUCTURE

(71) ThermaDoor Insulation Pty Ltd
 (21) 2024903642 (22) 07.11.2024
 (54) Sheet Material Cutting System

(71) The University of Sydney
 (21) 2024903696 (22) 12.11.2024
 (54) Process for the Production of Hydrogen

(71) van Emmerik, A.
 (21) 2024903639 (22) 07.11.2024
 (54) Residential Lift System

(71) wardle, j.
 (21) 2024903671 (22) 09.11.2024
 (54) Chronos: Adaptive Synchronization
 and Resource Management System for
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(71) Zola industries Pty Ltd
 (21) 2024903674 (22) 10.11.2024
 (54) Use of glow material to manufacture
 an arrow nock. To be used as a tracer
 when arrow is fired in low light or dark-
 ness. Apparatus for illuminating arrow
 nock.

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2024903646	Augustin, M.A.		
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2024903650	PYC Therapeutics Limited		
2024903651	Murdoch Children's Research Institute		
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Complete Applications Filed

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Applications listed below were processed through the Patent Office Canberra during the period ending 5 Nov 2024 .

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

<hr/> <p>(71) 10X Genomics, Inc. (21) 2024259860 (22) 08.11.2024 (54) LIGATION MEDIATED ANALYSIS OF NUCLEIC ACIDS</p> <hr/> <p>(71) 463IP Partners, LLC (21) 2024259781 (22) 07.11.2024 (54) Microencapsulated products, clear solutions thereof, and methods of making</p> <hr/> <p>(71) 5B IP Holdings Pty Ltd (21) 2024259831 (22) 08.11.2024 (54) A COMPOSITE BEAM</p> <hr/> <p>(71) Abbott Diabetes Care Inc. (21) 2024264561 (22) 12.11.2024 (54) Focused sterilization and sterilized sub-assemblies for analyte monitoring systems</p> <hr/> <p>(71) ABB Schweiz AG; Hitachi Energy Ltd (21) 2024259775 (22) 07.11.2024 (54) Method and system for monitoring and/or operating a power system asset</p> <hr/> <p>(71) ABB Schweiz AG (21) 2024259890 (22) 11.11.2024 (54) Pump manifold with redundancy for gas extraction system</p> <hr/> <p>AC Immune S.A. see Janssen Pharmaceuticals, Inc. (21) 2024259871</p> <hr/> <p>(71) Acres Technology (21) 2024259799 (22) 07.11.2024 (54) Automatic Application of a Bonus to an Electronic Gaming Device Responsive to Player Interaction with a Mobile Computing Device</p> <hr/> <p>(71) ADVcare Medical, Inc. (21) 2024259769 (22) 06.11.2024 (54) Close system transfer device</p> <hr/> <p>(71) Amai Proteins Ltd. (21) 2024259820 (22) 08.11.2024 (54) Taste and flavor-modifier proteins</p> <hr/>	<p>(71) Amazentis SA (21) 2024259763 (22) 06.11.2024 (54) Enhancing autophagy or increasing longevity by administration of urolithins or precursors thereof</p> <hr/> <p>(71) Amicus Therapeutics, Inc. (21) 2024259782 (22) 07.11.2024 (54) METHOD FOR SELECTION OF HIGH M6P RECOMBINANT PROTEINS</p> <hr/> <p>(71) Ancra Australia Pty Ltd (21) 2024259787 (22) 07.11.2024 (54) Cargo shoring bar</p> <hr/> <p>(71) Angel Group Co., Ltd. (21) 2024259797 (22) 07.11.2024 (54) Card reuse system and card reuse method</p> <hr/> <p>(71) Antinous Technology Company Limited (21) 2024259767 (22) 06.11.2024 (54) On-demand release of antibiotic composition and method for treating infections</p> <hr/> <p>(71) Argenta Innovation Limited (21) 2024259741 (22) 06.11.2024 (54) Intra-ruminal device</p> <hr/> <p>(71) Aristocrat Technologies, Inc. (21) 2024264559 (22) 12.11.2024 (54) MODULAR LOCKING APPARATUS WITH AN ACTUATOR OPERATING MULTIPLE LATCHES</p> <hr/> <p>(71) ASPECT FURNITURE SYSTEMS LIMITED (21) 2024259753 (22) 06.11.2024 (54) WORK STATION AND RELATED CABLE TRAY</p> <hr/> <p>(71) Axon Enterprise, Inc. (21) 2024259854 (22) 08.11.2024 (54) Serial Electrode Deployment For Conducted Electrical Weapon</p> <hr/> <p>(71) BicycleTx Limited (21) 2024264558 (22) 12.11.2024 (54) Bicyclic peptide ligands specific for Nectin-4</p> <hr/>	<hr/> <p>(71) Bigfoot Biomedical, Inc. (21) 2024259740 (22) 05.11.2024 (54) THERAPY DEVICES, METHODS, AND SYSTEMS INCLUDING A PISTON#STYLE DETECTOR</p> <hr/> <p>(71) BioNTech SE; TRON-Translational Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz gGm (21) 2024259750 (22) 06.11.2024 (54) Stabilization of poly(A) sequence encoding DNA sequences</p> <hr/> <p>(71) Black Belt Therapeutics Limited (21) 2024259884 (22) 11.11.2024 (54) CD38 modulating antibody</p> <hr/> <p>(71) Blue River Technology Inc. (21) 2024259821 (22) 08.11.2024 (54) VIRTUAL SAFETY BUBBLES FOR SAFE NAVIGATION OF FARMING MACHINES</p> <hr/> <p>(71) Brunswick Corporation (21) 2024264555 (22) 12.11.2024 (54) Linear actuators with anti-backdrive mechanisms</p> <hr/> <p>(71) Bullfrog International, LC. (21) 2024259876 (22) 11.11.2024 (54) STEPS FOR A SPA</p> <hr/> <p>(71) Cancer Therapeutics Laboratories, Inc. (21) 2024259793 (22) 07.11.2024 (54) Humanized anti-nuclear antibodies for targeting necrosis in cancer therapy</p> <hr/> <p>(71) Canva Pty Ltd (21) 2024259830 (22) 08.11.2024 (54) Prompt generation for generative artificial intelligence models</p> <hr/> <p>(71) Casale SA (21) 2024259745 (22) 06.11.2024 (54) Tube heat exchange unit for internals of heat exchangers or reactors</p> <hr/> <p>(71) CATERPILLAR INC. (21) 2024259759 (22) 06.11.2024</p> <hr/>
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(54) THERMAL EVENT IDENTIFICATION

(71) CFPH, LLC
(21) 2024259824 (22) 08.11.2024
(54) TRADING BASED ON FILL RATE

(71) China UnionPay Co., Ltd.
(21) 2024259829 (22) 08.11.2024
(54) DATA PROCESSING METHOD, SYSTEM AND SERVER BASED ON NFC TAG

(71) Chromadex Inc.; The Queen's University Of Belfast
(21) 2024259832 (22) 08.11.2024
(54) EFFICIENT AND SCALABLE SYNTHESIS OF NICOTINOYL RIBOSIDES AND REDUCED NICOTINOYL RIBOSIDES, MODIFIED DERIVATIVES THEREOF, PHOSPHORYLATED ANALOGS THEREOF, ADENYLYL DINUCLEOTIDE CONJUGATES THEREOF, AND NOVEL CRYSTALLINE FORMS THEREOF

(71) Chwialkowski, Z.
(21) 2024259862 (22) 09.11.2024
(54) Drug Free Technology to prevent histamine and cytokine storm reaction from insect bites and skin irritations

(71) Colgate-Palmolive Company
(21) 2024259879 (22) 11.11.2024
(54) Oral care agent dispensing system

(71) Commonwealth Scientific and Industrial Research Organisation
(21) 2024259751 (22) 06.11.2024
(54) Attack resistant authentication

(71) Cummins Power Generation Inc.
(21) 2024259786 (22) 07.11.2024
(54) Gen-set twin sequencing

(71) Cura Therapeutics, LLC
(21) 2024259810 (22) 07.11.2024
(54) Pharmaceutical compositions comprising phenylsulfonamides, and their therapeutic applications

(71) Daemco Australia Pty Ltd
(21) 2024259855 (22) 08.11.2024
(54) A Pipeline Joiner with Pretap Connectors

(71) Deciphera Pharmaceuticals, LLC
(21) 2024259742 (22) 06.11.2024
(54) Compositions of 1-(4-bromo-5-(1-ethyl-7-(methylamino)-2-oxo-1,2-dihydro-1,6-naphthyridin-3-yl)-2-fluorophenyl)-3-phenylurea

(71) Deere & Company
(21) 2024259788 (22) 07.11.2024
(54) COMMODITY METERING SYSTEM WITH SPEED COMPENSATION BASED ON MACHINE TILT AND METHODS FOR OPERATING THE SAME

(71) Deere & Company
(21) 2024264560 (22) 12.11.2024
(54) Row unit linkage assembly and method

(71) Deere & Company
(21) 2024264562 (22) 12.11.2024
(54) Row unit suspension system and method

(71) Dexcom, Inc.
(21) 2024259873 (22) 11.11.2024
(54) Sensor interposers employing castellated through-vias

(71) ECP Entwicklungsgesellschaft mbH
(21) 2024259804 (22) 07.11.2024
(54) Device for compressing a compressible part of a catheter pump

(71) Editas Medicine, Inc
(21) 2024259841 (22) 08.11.2024
(54) CRISPR-Cas-related methods, compositions and components for cancer immunotherapy

(71) eiChat Pty Ltd
(21) 2024259853 (22) 08.11.2024
(54) METHOD AND SYSTEM FOR PROVIDING CHATBOTS WITHIN INSTANT MESSAGING APPLICATIONS

(71) Electrolux Appliances Aktiebolag
(21) 2024259805 (22) 07.11.2024
(54) FILTER FOR A MACHINE FOR WASHING LAUNDRY OR TEXTILE ARTICLES

(71) Ellex Medical Pty Ltd
(21) 2024264574 (22) 12.11.2024
(54) Multi-spot ophthalmic laser

(71) Endotronix, Inc.
(21) 2024259875 (22) 11.11.2024
(54) MEMS DEVICE FOR AN IMPLANT ASSEMBLY

(71) Everi Payments Inc.
(21) 2024259898 (22) 11.11.2024
(54) CASINO MONETARY SYSTEM WITH INTEGRATED EXTERNAL ID AU-

THENTICATION AND TRANSACTION RECORD GENERATION

(71) FalCom A/S
(21) 2024259766 (22) 06.11.2024
(54) System for locating an audio event

(71) FluGen, Inc.
(21) 2024259889 (22) 11.11.2024
(54) IMMUNOGENIC COMPOSITIONS AGAINST INFLUENZA

(71) FN Herstal S.A.
(21) 2024254158 (22) 31.10.2024
(54) Machine gun

(71) Fred Hutchinson Cancer Center
(21) 2024264571 (22) 12.11.2024
(54) Systems and methods to produce B cells genetically modified to express selected antibodies

(71) Fresenius Vial SAS
(21) 2024259802 (22) 07.11.2024
(54) Distribution server for patient devices

(71) Fresenius Vial SAS
(21) 2024259845 (22) 08.11.2024
(54) Therapy-based database model for generating drug libraries

(71) Genentech, Inc.
(21) 2024259843 (22) 08.11.2024
(54) Anti-CD79b antibodies and immunconjugates and methods of use

(71) GFD Gesellschaft Für Diamantprodukte mbH; The Gillette Company LLC
(21) 2024259801 (22) 07.11.2024
(54) CUTTING BLADE AND HAIR REMOVAL DEVICE

(71) GI Scientific, LLC
(21) 2024259785 (22) 07.11.2024
(54) Device delivery tools and systems

(71) Gracenote, Inc.
(21) 2024259852 (22) 08.11.2024
(54) Methods and apparatus to fingerprint an audio signal via normalization

(71) Gritstone Bio, Inc.
(21) 2024259755 (22) 06.11.2024
(54) Viral delivery of neoantigens

(71) Groon Co., Ltd.
(21) 2024259856 (22) 08.11.2024
(54) Electron generation apparatus

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<p>(71) GUANGDONG ODORKEY MANUFACTURING CO.,LTD. (21) 2024259891 (22) 11.11.2024 (54) Reusable Dehumidification Box with Multiple Functional Areas</p>	<p>(54) SYSTEM AND METHOD FOR INCENTIVIZING THE MAINTENANCE OF FUNDS IN A GAMING ESTABLISHMENT ACCOUNT</p>	<p>(71) Ixaka France SAS (21) 2024259893 (22) 11.11.2024 (54) Polymer-Encapsulated Viral Vectors For Genetic Therapy</p>
<p>(71) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD. (21) 2024259872 (22) 11.11.2024 (54) Video decoding method, video encoding method, video decoding apparatus and video encoding apparatus</p>	<p>(71) Illinois Tool Works Inc. (21) 2024259869 (22) 11.11.2024 (54) Cutting tool</p>	<p>(71) Janssen Pharmaceuticals, Inc.; AC Immune S.A. (21) 2024259871 (22) 11.11.2024 (54) Compositions of phosphorylated tau peptides and uses thereof</p>
<p>(71) HEINE Optotechnik GmbH & Co. KG (21) 2024259836 (22) 08.11.2024 (54) EXAMINATION DEVICE FOR OPTICAL MEDICAL EXAMINATIONS</p>	<p>(71) Illinois Tool Works Inc. (21) 2024264579 (22) 12.11.2024 (54) Extension pole for driving tool</p>	<p>(71) Jensen Sweden AB (21) 2024259743 (22) 06.11.2024 (54) Garment sorting system and method</p>
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<p>(71) Huawei Technologies Co., Ltd. (21) 2024264556 (22) 12.11.2024 (54) PPDU UPLINK BANDWIDTH INDICATION METHOD AND RELATED APPARATUS</p>	<p>(71) Imotik Biosolutions LLC (21) 2024259808 (22) 07.11.2024 (54) Access port system with self-adjusting catheter length</p>	<p>(71) KNDS Deutschland GmbH & Co. KG (21) 2024259809 (22) 07.11.2024 (54) Modular Military Vehicle System</p>
<p>(71) Hudson Institute of Medical Research (21) 2024259783 (22) 07.11.2024 (54) Methods of treatment and diagnosis</p>	<p>(71) INCYTE HOLDINGS CORPORATION (21) 2024264568 (22) 12.11.2024 (54) TOPICAL FORMULATION FOR A JAK INHIBITOR</p>	<p>(71) KPR U.S., LLC (21) 2024259840 (22) 08.11.2024 (54) Cassette for a flow control apparatus</p>
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<p>(71) IGT (21) 2024259744 (22) 06.11.2024 (54) SYSTEM AND METHOD FOR FACILITATING A VIRTUAL CASINO FLOOR HAVING DIFFERENT PARAMETERS</p>	<p>(71) Intell Properties B.V. (21) 2024264569 (22) 12.11.2024 (54) Cooktop with downdraft extraction and oblique fans</p>	<p>Kyoto University see Takeda Pharmaceutical Company Limited (21) 2024259887</p>
<p>(71) IGT (21) 2024259813 (22) 08.11.2024</p>	<p>(71) Ishida Co., Ltd. (21) 2024259823 (22) 08.11.2024 (54) BAGMAKING AND PACKAGING APPARATUS</p>	<p>(71) Landclan Limited (21) 2024259779 (22) 07.11.2024 (54) Land acquisition and property development analysis platform</p>

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(21) 2024259784

(71) Lelox (Australia) Pty Limited
(21) 2024264582 (22) 12.11.2024
(54) Assembly Stand

(71) LG Electronics Inc.
(21) 2024259791 (22) 07.11.2024
(54) Ice maker and refrigerator including the same

(71) Light Field Lab, Inc.
(21) 2024259739 (22) 05.11.2024
(54) SYSTEMS AND METHODS FOR DIRECTING MULTIPLE 4D ENERGY FIELDS

(71) LNW Gaming, Inc.
(21) 2024259798 (22) 07.11.2024
(54) Predictive gaming insight platform

(71) MAKO Surgical Corp.
(21) 2024259865 (22) 11.11.2024
(54) Robotic spine surgery system and methods

(71) MAKO Surgical Corp.
(21) 2024259878 (22) 11.11.2024
(54) Robotic spine surgery system and methods

(71) Manufacturing Resources International, Inc.
(21) 2024259868 (22) 11.11.2024
(54) Fan control for electronic display assemblies

Massachusetts Institute of Technology see The Broad Institute, Inc.
(21) 2024259800

(71) MasterCard International Incorporated
(21) 2024259833 (22) 08.11.2024
(54) Method and system for trusted notifications

(71) Medivators Inc.
(21) 2024259861 (22) 08.11.2024
(54) Cleaning Adapter With And Without Safety Tag

(71) MeetingQuality Pty. Ltd.
(21) 2024259886 (22) 11.11.2024
(54) Meeting Survey System

(71) MeetingQuality Pty. Ltd.
(21) 2024259897 (22) 11.11.2024
(54) Meeting Survey System

(71) MINETEK INVESTMENTS PTY LTD
(21) 2024264580 (22) 12.11.2024
(54) Impeller for a Duct

(71) MKPro Engineering Pty Ltd
(21) 2024259789 (22) 07.11.2024
(54) Integrated Detection of Cognitive Impairment Due to Consumption and, or Presence of Alcohol & Drugs

(71) Mobile Assets Limited; Lau, L.C.
(21) 2024259784 (22) 07.11.2024
(54) MATERIALS FOR USE IN BATTERIES AND METHODS OF MANUFACTURING THE SAME, AND BATTERIES

(71) moore, i.
(21) 2024259863 (22) 09.11.2024
(54) Novel physics engineering applications and observations equations

(71) Nektar Therapeutics
(21) 2024227552 (22) 23.10.2024
(54) Conjugates of an IL-2 moiety and a polymer

(71) NeuroCycle Therapeutics, Inc.
(21) 2024259803 (22) 07.11.2024
(54) GABAA positive allosteric modulator compounds, methods of making, and uses thereof

(71) NEWTECH WELLNESS CO.,LTD.
(21) 2024259796 (22) 07.11.2024
(54) MULTI MOVE OUT THIGH

(71) Nocira, LLC
(21) 2024259848 (22) 08.11.2024
(54) External ear canal pressure regulation system

(71) Nunhems Netherlands B.V.
(21) 2024259894 (22) 11.11.2024
(54) Lettuce variety NUN 00311 LTL

(71) OJO Labs, Inc.
(21) 2024259817 (22) 08.11.2024
(54) DYNAMIC SUBSYSTEM OPERATIONAL SEQUENCING TO CONCURRENTLY CONTROL AND DISTRIBUTE SUPERVISED LEARNING PROCESSOR TRAINING AND PROVIDE PREDICTIVE RESPONSES TO INPUT DATA

(71) OMICRON electronics GmbH
(21) 2024259761 (22) 06.11.2024
(54) Method for testing a wiring of an electrical installation

(71) OncoPep, Inc.
(21) 2024259780 (22) 07.11.2024
(54) Peptide vaccines and pembrolizumab for treating breast cancer

(71) OPACMARE S.p.A.
(21) 2024259776 (22) 07.11.2024
(54) DOOR HAVING AT LEAST ONE SLIDING SASH AND ONE HINGED SASH

(71) Petnow Inc.
(21) 2024264575 (22) 12.11.2024
(54) Authentication server for providing service related to authentication of companion animal and operation method thereof

(71) Phytomed Medicinal Herbs Limited
(21) 2024259896 (22) 11.11.2024
(54) A herbal medicine, Glycetract, and its manufacturing process

President and Fellows of Harvard College see The Broad Institute, Inc.
(21) 2024259800

(71) PROGRESS RAIL LOCOMOTIVE INC.
(21) 2024259794 (22) 07.11.2024
(54) SYSTEMS AND METHODS FOR DIS-ENGAGING LOCOMOTIVES FROM AUTONOMOUS CONTROL

(71) Prysman S.p.A.
(21) 2024259835 (22) 08.11.2024
(54) System and method for Rayleigh-based distributed acousting sensing

(71) Prysman S.p.A.
(21) 2024259867 (22) 11.11.2024
(54) Insulator for a cable termination assembly, a termination assembly for a power cable comprising such an insulator and a cable termination system

(71) Prysman S.p.A.
(21) 2024259895 (22) 11.11.2024
(54) Method and assembly for jointing the armours of power cables

(71) Pulse Therapeutics, Inc.
(21) 2024259880 (22) 11.11.2024
(54) Delivery of magnetic particles in conjunction with therapeutic and/or diagnostic agents

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- (71) Quantum-Si Incorporated
(21) 2024259870 (22) 11.11.2024
(54) Biconjugatable labels and methods of use
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- (71) RAI Strategic Holdings, Inc.
(21) 2024259765 (22) 06.11.2024
(54) Electronically heated heat-not-burn smoking article
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- (71) Rani Therapeutics, LLC
(21) 2024259818 (22) 08.11.2024
(54) Clotting factor preparations for delivery into tissue of the intestinal tract using a swallowable drug delivery device
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- (71) Rollease Acmeda, Inc.
(21) 2024259749 (22) 06.11.2024
(54) Motorised roller blind and wand assembly
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- (71) Sabre Therapeutics LLC
(21) 2024264577 (22) 12.11.2024
(54) Autotaxin inhibitors and uses thereof
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- (71) Sagemcom Energy & Telecom SAS
(21) 2024264565 (22) 12.11.2024
(54) Method and device for detecting earthquakes
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- (71) Sakura Finetek U.S.A., Inc.
(21) 2024259857 (22) 08.11.2024
(54) Inkjet printer
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- (71) SHANDONG UNIVERSITY
(21) 2024259826 (22) 08.11.2024
(54) RAFT AGENT FOR PHOTO-CONTROLLED POLYMERIZATION, PREPARATION METHOD THEREFOR, AND APPLICATIONS THEREOF
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- (71) SHOCKWAVE MEDICAL, INC.
(21) 2024259874 (22) 11.11.2024
(54) INTRAVASCULAR LITHOTRIPSY CATHETER WITH INTERFERING SHOCK WAVES
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- (71) SK Innovation Co., Ltd.
(21) 2024259777 (22) 07.11.2024
(54) AMMONIA SYNTHESIS SYSTEM
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- (71) Slennett-Roberts, T.
(21) 2024259864 (22) 09.11.2024
(54) THE PROCESS OF A DARHAVacuum Aviation CO2 Vacuum Filter System
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- (71) SmartAC.com, Inc.
(21) 2024259838 (22) 08.11.2024
(54) Determining HVAC cycle type through remote web-connected sensor data
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- (71) Societe des Produits Nestle S.A.
(21) 2024259827 (22) 08.11.2024
(54) Beverage preparation machine with foam refinement
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- (71) Société des Produits Nestlé S.A.
(21) 2024259764 (22) 06.11.2024
(54) Chocolate products, ingredients, processes and uses
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- (71) SPD Swiss Precision Diagnostics GmbH
(21) 2024259892 (22) 11.11.2024
(54) Assay device
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- (71) Stryker Corporation
(21) 2024259846 (22) 08.11.2024
(54) Patient transport system including a patient transport apparatus and loading system for the same
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- (71) Sungrow Deutschland GmbH
(21) 2024259888 (22) 11.11.2024
(54) Porous transport multilayers
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- (71) Sungrow Power Supply Co., Ltd.
(21) 2024259883 (22) 11.11.2024
(54) Cabinet assembly and photovoltaic power station
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- (71) Supernus Pharmaceuticals, Inc.
(21) 2024264576 (22) 12.11.2024
(54) Derivatives of substituted morpholines and uses thereof
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- (71) Swedish Orphan Biovitrum AG
(21) 2024264563 (22) 12.11.2024
(54) Methods, compositions and dosing regimens for treating or preventing interferon-gamma related indications
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- (71) Systems IP Pty Ltd
(21) 2024259746 (22) 06.11.2024
(54) A GOAL HOOP SUPPORT ASSEMBLY
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- (71) Takeda Pharmaceutical Company Limited; Kyoto University
(21) 2024259887 (22) 11.11.2024
(54) T-cell receptor modified object
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- (71) Tanita Corporation
(21) 2024264572 (22) 12.11.2024
(54) MEASUREMENT DEVICE
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- (71) TARIS Biomedical LLC
(21) 2024259822 (22) 08.11.2024
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- (54) Drug delivery systems and methods for treatment of bladder cancer with gemcitabine
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- (71) Tate Access Floors, Inc.
(21) 2024259842 (22) 08.11.2024
(54) EXPANDABLE BLANKING PANEL ASSEMBLY FOR AISLES IN DATA CENTERS AND SIMILAR FACILITIES
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- (71) Techtronic Cordless GP
(21) 2024259747 (22) 06.11.2024
(54) Systems, Components, And Methods For Noise Reduction In A Lawnmower
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- (71) Tencent America LLC
(21) 2024259899 (22) 11.11.2024
(54) Method for signaling output layer set with sub picture
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- (71) Te Pari Products Limited
(21) 2024259748 (22) 06.11.2024
(54) Electronic Fluid Dispenser
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- (71) THE AFFILIATED HOSPITAL OF QINGDAO UNIVERSITY
(21) 2024259756 (22) 06.11.2024
(54) flexible pressure sensor encapsulation device and method thereof
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- (71) The Board of Trustees of the University of Illinois; University of Iowa Research Foundation
(21) 2024259758 (22) 06.11.2024
(54) Genotype-agnostic rescue of cystic fibrosis with small molecule bicarbonate channels
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- (71) The Broad Institute, Inc.; Massachusetts Institute of Technology; President and Fellows of Harvard College
(21) 2024259800 (22) 07.11.2024
(54) SYSTEMS, METHODS, AND COMPOSITIONS FOR TARGETED NUCLEIC ACID EDITING
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- (71) The Chemours Company FC, LLC
(21) 2024259850 (22) 08.11.2024
(54) STABILIZED FLUOROOLEFIN COMPOSITIONS AND METHODS FOR THEIR PRODUCTION, STORAGE AND USAGE
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- (71) The Children's Hospital of Philadelphia
(21) 2024259877 (22) 11.11.2024
(54) Nonselective metabotropic glutamate receptor activators for treatment of attention deficit disorder and 22q syndrome

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(71) The Children's Hospital of Philadelphia
(21) 2024259882 (22) 11.11.2024
(54) Methods of diagnosing and treating anxiety disorder

(71) The Chinese University of Hong Kong
(21) 2024259885 (22) 11.11.2024
(54) Combined size-and count-based analysis of maternal plasma for detection of fetal subchromosomal aberrations

(71) The Cleveland Clinic Foundation
(21) 2024259754 (22) 06.11.2024
(54) ADVANCED CARDIAC WAVEFORM ANALYTICS

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(54) SHAVING DEVICE

(71) The Gillette Company LLC
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(54) SHAVING DEVICE

(71) THE PROCTER & GAMBLE COMPANY
(21) 2024259834 (22) 08.11.2024
(54) TOOTH WHITENING PRODUCT

(71) THE PROCTER & GAMBLE COMPANY
(21) 2024264564 (22) 12.11.2024
(54) REMINERALIZING ORAL CARE COMPOSITIONS COMPRISING TIN

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(71) The Rockefeller University
(21) 2024259851 (22) 08.11.2024
(54) Methods for cell-type specific profiling to identify drug targets

(71) The University of Chicago
(21) 2024259762 (22) 06.11.2024
(54) Methods and compositions for treating cancer with ECM-affinity peptides linked to cytokines

(71) The University of Southern California
(21) 2024259814 (22) 08.11.2024
(54) Compositions and methods for treatment of fungal infections

(71) Tidel Engineering, L.P.
(21) 2024259768 (22) 06.11.2024
(54) Systems and methods for improving cash management system operation

(71) Titan Design & Engineering Pty Ltd
(21) 2024264573 (22) 12.11.2024
(54) Transfer case

(71) Trainsphere Holdings LLC
(21) 2024259839 (22) 08.11.2024
(54) Motor powered lifting rack system

(71) Trisco ICAP Pty Ltd
(21) 2024259812 (22) 07.11.2024
(54) Storage and delivery system

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(21) 2024259750

(71) UCB Biopharma SRL
(21) 2024259881 (22) 11.11.2024
(54) Cell culture methods

(71) Universite De Geneve
(21) 2024259760 (22) 06.11.2024
(54) Tri-segmented aneaviruses as vaccine vectors

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(21) 2024259758

(71) Vecon GmbH
(21) 2024264570 (22) 12.11.2024
(54) Photovoltaic system having a cable support structure

(71) Veltek Associates, Inc.
(21) 2024259752 (22) 06.11.2024
(54) Portable cleanroom printing cabinet

(71) Water Filters Pty Ltd
(21) 2024259773 (22) 06.11.2024
(54) FILTER ASSEMBLY WITH ENHANCED SEALING MEACHNISM

(71) Wonderland Switzerland AG
(21) 2024259847 (22) 08.11.2024
(54) Child carrying device

(71) Xard Group Pty Ltd
(21) 2024259770 (22) 06.11.2024
(54) SYSTEM AND METHOD FOR TRANSACTING

(71) Xard Group Pty Ltd
(21) 2024259771 (22) 06.11.2024
(54) DIGITAL TRANSACTION APPARATUS AND METHOD

(71) Xard Group Pty Ltd
(21) 2024259772 (22) 06.11.2024
(54) BATTERY LIFE ESTIMATION

(71) Xard Group Pty Ltd
(21) 2024259774 (22) 06.11.2024
(54) SYSTEM AND METHOD FOR UPDATING FIRMWARE

(71) Xiamen Renhe Sports Equipment Co.,Ltd.
(21) 2024259825 (22) 08.11.2024
(54) DRIVING DEVICE OF TREADMILL, AND TREADMILL

(71) Xiamen Renhe Sports Equipment Co.,Ltd.
(21) 2024259828 (22) 08.11.2024
(54) RUNNING PLATFORM OF TREADMILL, AND TREADMILL

(71) Yuhan Corporation
(21) 2024259757 (22) 06.11.2024
(54) Long-acting FGF21 fusion proteins and pharmaceutical composition comprising same

(71) Zhejiang Minzuo New Materials Co., Ltd.
(21) 2024259778 (22) 07.11.2024
(54) Simulated Tree

(71) Zimmer, Inc.
(21) 2024264552 (22) 12.11.2024
(54) SYSTEMS FOR GUIDED REAMING OF COMPLEX SHAPES

(71) Zurn Water, LLC
(21) 2024259819 (22) 08.11.2024
(54) Check valve having pivoting link

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2024259760	Universite De Geneve	2024259824	CFPH, LLC
2024259761	OMICRON electronics GmbH	2024259825	Xiamen Renhe Sports Equipment Co.,Ltd.
2024259762	The University of Chicago	2024259826	SHANDONG UNIVERSITY
2024259763	Amazentis SA	2024259827	Societe des Produits Nestle S.A.
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2024259765	RAI Strategic Holdings, Inc.	2024259829	China UnionPay Co., Ltd.
2024259766	FalCom A/S	2024259830	Canva Pty Ltd
2024259767	Antinous Technology Company Limited	2024259831	5B IP Holdings Pty Ltd
2024259768	Tidel Engineering, L.P.	2024259832	Chromadex Inc.; The Queen's University Of Belfast
2024259769	ADVcare Medical, Inc.	2024259833	MasterCard International Incorporated
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2024259773	Water Filters Pty Ltd	2024259838	SmartAC.com, Inc.
2024259774	Xard Group Pty Ltd	2024259839	Trainsphere Holdings LLC
2024259775	ABB Schweiz AG; Hitachi Energy Ltd	2024259840	KPR U.S., LLC
2024259776	OPACMARE S.p.A.	2024259841	Editas Medicine, Inc
2024259777	SK Innovation Co., Ltd.	2024259842	Tate Access Floors, Inc.
2024259778	Zhejiang Minzo New Materials Co., Ltd.	2024259843	Genentech, Inc.
2024259779	Landclan Limited	2024259844	Klotho Therapeutics, Inc.
2024259780	OncoPep, Inc.	2024259845	Fresenius Vial SAS
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2024259782	Amicus Therapeutics, Inc.	2024259847	Wonderland Switzerland AG
2024259783	Hudson Institute of Medical Research	2024259848	Nocira, LLC
2024259784	Mobile Assets Limited; Lau, L.C.	2024259849	Illumina, Inc.
2024259785	GI Scientific, LLC	2024259850	The Chemours Company FC, LLC
2024259786	Cummins Power Generation Inc.	2024259851	The Rockefeller University
2024259787	Ancra Australia Pty Ltd	2024259852	Gracenote, Inc.
2024259788	Deere & Company	2024259853	eiChat Pty Ltd
2024259789	MKPro Engineering Pty Ltd	2024259854	Axon Enterprise, Inc.
2024259790	Integrity Security Services LLC	2024259855	Daemco Australia Pty Ltd
2024259791	LG Electronics Inc.	2024259856	Groon Co., Ltd.
2024259792	HeliMods Pty Ltd	2024259857	Sakura Finetek U.S.A., Inc.
2024259793	Cancer Therapeutics Laboratories, Inc.	2024259858	JUUL Labs, Inc.
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2024259795	KY7 Inc.	2024259860	10X Genomics, Inc.
2024259796	NEWTECH WELLNESS CO.,LTD.	2024259861	Medivators Inc.
2024259797	Angel Group Co., Ltd.	2024259862	Chwialkowski, Z.
2024259798	LNW Gaming, Inc.	2024259863	moore, i.
2024259799	Acres Technology	2024259864	Slennett-Roberts, T.
		2024259865	MAKO Surgical Corp.
		2024259866	Huawei Technologies Co., Ltd.
		2024259867	Prysmian S.p.A.

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2024259868 Manufacturing Resources International, Inc.
 2024259869 Illinois Tool Works Inc.
 2024259870 Quantum-Si Incorporated
 2024259871 Janssen Pharmaceuticals, Inc.; AC Immune S.A.
 2024259872 GUANGDONG OPPO MOBILE TELECOMMUNICA-
 TIONS CORP., LTD.
 2024259873 Dexcom, Inc.
 2024259874 SHOCKWAVE MEDICAL, INC.
 2024259875 Endotronix, Inc.
 2024259876 Bullfrog International, LC.
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 2024259886 MeetingQuality Pty. Ltd.
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 2024259889 FluGen, Inc.
 2024259890 ABB Schweiz AG
 2024259891 GUANGDONG ODORKEY MANUFACTURING
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 2024259893 Ixaka France SAS
 2024259894 Nunhems Netherlands B.V.
 2024259895 Prysmian S.p.A.
 2024259896 Phytomed Medicinal Herbs Limited
 2024259897 MeetingQuality Pty. Ltd.
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 2024259899 Tencent America LLC
 2024264552 Zimmer, Inc.
 2024264553 KABUSHIKI KAISHA TOYOTA JIDOSHOKKI
 2024264554 KABUSHIKI KAISHA TOYOTA JIDOSHOKKI
 2024264555 Brunswick Corporation
 2024264556 Huawei Technologies Co., Ltd.
 2024264558 BicycleTx Limited
 2024264559 Aristocrat Technologies, Inc.
 2024264560 Deere & Company
 2024264561 Abbott Diabetes Care Inc.
 2024264562 Deere & Company
 2024264563 Swedish Orphan Biovitrum AG
 2024264564 THE PROCTER & GAMBLE COMPANY
 2024264565 Sagemcom Energy & Telecom SAS
 2024264566 Illumina, Inc.
 2024264567 HOWMEDICA OSTEONICS CORP.
 2024264568 INCYTE HOLDINGS CORPORATION
 2024264569 Intell Properties B.V.
 2024264570 Vecon GmbH
 2024264571 Fred Hutchinson Cancer Center
 2024264572 Tanita Corporation
 2024264573 Titan Design & Engineering Pty Ltd
 2024264574 Ellex Medical Pty Ltd
 2024264575 Petnow Inc.
 2024264576 Supernus Pharmaceuticals, Inc.
 2024264577 Sabre Therapeutics LLC
 2024264579 Illinois Tool Works Inc.
 2024264580 MINETEK INVESTMENTS PTY LTD
 2024264582 Lelox (Australia) Pty Limited

Innovation Patent Applications Filed**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 5 Nov 2024 .
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

(71) Beta (Shenzhen) Package Products
Co., Ltd; Huizhou Beta Packtech CO.,
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(21) 2024100040 **(22)** 11.11.2024
(54) Full Recycling Environmental Protection
Packaging Structure
(62) 2019101551

(71) eiChat Pty Ltd
(21) 2024100039 **(22)** 08.11.2024
(54) Method and System for Providing Chat-
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tions
(62) 2019101805

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Beta Packtech CO., LTD

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
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- 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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Complete Specifications Treated as Provisional Specifications, Section 37

2024

2024200407 **Mountford, H.** Provisional Number: 2024903649

2024227359 **Dynamics G-Ex Pty Ltd** Provisional Number:
2024903648

Assignments before Grant, Section 113

2019

2019261669 1710705 Alberta Inc. The application has been assigned to **1847052 Alberta Ltd.**

2019309167 Appario Global Solutions (AGS) AG The application has been assigned to **H2VR HoldCo, Inc.**

2019311295 Appario Global Solutions (AGS) AG The application has been assigned to **H2VR HoldCo, Inc.**

2019338669 Appario Global Solutions (AGS) AG The application has been assigned to **H2VR HoldCo, Inc.**

2019392221 FMC Agro Singapore Pte. Ltd.; FMC Corporation The application has been assigned to **FMC IP Technology GmbH; FMC Corporation**

2020

2020333761 FMC Corporation; FMC Agro Singapore Pte. Ltd. The application has been assigned to **FMC Corporation; FMC IP Technology GmbH**

2020343994 Huawei Technologies Co., Ltd. The application has been assigned to **Shenzhen Yinwang Intelligent Technologies Co., Ltd.**

2020356634 FMC Corporation; FMC Agro Singapore Pte. Ltd. The application has been assigned to **FMC Corporation; FMC IP Technology GmbH**

2020357994 FMC Agro Singapore Pte. Ltd.; FMC Corporation The application has been assigned to **FMC IP Technology GmbH; FMC Corporation**

2020366036 FMC Corporation; FMC Agro Singapore Pte. Ltd. The application has been assigned to **FMC Corporation; FMC IP Technology GmbH**

2020366037 FMC Corporation; FMC Agro Singapore Pte. Ltd. The application has been assigned to **FMC Corporation; FMC IP Technology GmbH**

2020366212 FMC Corporation; FMC Agro Singapore Pte. Ltd. The application has been assigned to **FMC Corporation; FMC IP Technology GmbH**

Assignments before Grant, Section 113

2020366361 FMC Corporation; FMC Agro Singapore Pte. Ltd. The application has been assigned to **FMC Corporation; FMC IP Technology GmbH**

2020366425 FMC Corporation; FMC Agro Singapore Pte. Ltd. The application has been assigned to **FMC Corporation; FMC IP Technology GmbH**

2020368460 FMC Agro Singapore Pte. Ltd.; FMC Corporation The application has been assigned to **FMC Corporation; FMC IP Technology GmbH**

2020372895 FMC Agro Singapore Pte. Ltd.; FMC Corporation The application has been assigned to **FMC Corporation; FMC IP Technology GmbH**

2020381485 Foresee Pharmaceuticals Co., Ltd. The application has been assigned to **Foresee Pharmaceuticals USA, Inc.**

2020385122 FMC Agro Singapore Pte. Ltd.; FMC Corporation The application has been assigned to **FMC Corporation; FMC IP Technology GmbH**

2020386643 FMC Agro Singapore Pte. Ltd.; FMC Corporation The application has been assigned to **FMC Corporation; FMC IP Technology GmbH**

2020405020 FMC Agro Singapore Pte. Ltd.; FMC Corporation The application has been assigned to **FMC Corporation; FMC IP Technology GmbH**

2021

2021205515 FMC Agro Singapore Pte. Ltd.; FMC Corporation The application has been assigned to **FMC IP Technology GmbH; FMC Corporation**

2021244176 Edwards Lifesciences Corporation The application has been assigned to **Becton, Dickinson and Company**

2021255226 Karbon CCS LTD The application has been assigned to **Karbon CCS Global Limited**

2021311631 FMC Agro Singapore Pte. Ltd.; FMC Corporation The application has been assigned to **FMC IP Technology GmbH; FMC Corporation**

2021314218 FMC Agro Singapore Pte. Ltd.; FMC Corporation The application has been assigned to **FMC IP Technology GmbH; FMC Corporation**

2021368792 ANDERSON M.D., Christian The application has been assigned to **INS Ortho, Inc.**

2022

2022207340 KARBON CCS LTD The application has been assigned to **Karbon CCS Global Limited**

2022213321 FMC Agro Singapore Pte. Ltd.; FMC CORPORATION The application has been assigned to **FMC IP Technology GmbH; FMC CORPORATION**

Assignments before Grant, Section 113

2022213344 FMC Agro Singapore Pte. Ltd.; FMC CORPORATION
The application has been assigned to **FMC IP Technology GmbH; FMC CORPORATION**

2022233180 ZHANG, Xiaohu; ACCRO BIOSCIENCE (HK) LIMITED
The application has been assigned to **Accro Bioscience (HK) Limited**

2022267308 FMC Agro Singapore Pte. Ltd.; FMC CORPORATION
The application has been assigned to **FMC IP Technology GmbH; FMC CORPORATION**

2022287990 FORESEE PHARMACEUTICALS CO., LTD. The application has been assigned to **Foresee Pharmaceuticals USA, Inc.**

2022290589 FORESEE PHARMACEUTICALS CO., LTD. The application has been assigned to **Foresee Pharmaceuticals USA, Inc.**

2022326463 IFM DUE, INC. The application has been assigned to **Novartis Pharma AG**

2023

2023217609 EDWARDS LIFESCIENCES CORPORATION The application has been assigned to **Becton, Dickinson and Company**

2023264090 ASPHALT MATERIALS, INC. The application has been assigned to **Heritage Research Group, LLC**

2023903788 CLAUSS, JEAN The application has been assigned to **Fabrum IP Holdings Limited**

2024

2024200323 Foresee Pharmaceuticals Co., Ltd. The application has been assigned to **Foresee Pharmaceuticals USA, Inc.**

2024902032 Autono Drone IP Pty Ltd The application has been assigned to **Autono Drone Group Pty Ltd**

2024903626 Daemco Australia Pty Ltd The application has been assigned to **Daemco Energy 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.

2014

2014236272 **Flotek Chemistry, LLC** An application to extend the time from 14 Mar 2024 to 14 Oct 2024 in which to pay a renewal fee has been filed . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2016

2016202950 **Great Aussie Ideas Pty Ltd** An application to extend the time from 04 Jan 2020 to 04 May 2024 in which to pay a renewal fee

Extensions of Time, Section 223

has been filed . Address for service - mdp Patent and Trade Mark Attorneys PO Box 273 Collins Street West VIC 8007 AU

2021

2021240286 **The United States of America, as represented by the Secretary, Department of Health and Human Services** An application to extend the time from 15 Mar 2024 to 15 Oct 2024 in which to pay a continuation fee has been filed . Address for service - FB Rice Pty Ltd Level 33, 477 Collins Street Melbourne VIC 3000 AU

2021320231 **HYANNIS PORT RESEARCH, INC.** An application to extend the time from 07 Mar 2023 to 07 Nov 2024 in which to enter the National Phase has been filed . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2021320770 **HYANNIS PORT RESEARCH, INC.** An application to extend the time from 07 Mar 2023 to 07 Nov 2024 in which to enter the National Phase has been filed . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2023

2023203610 **Pride Mobility Products Corporation** An application to extend the time from 16 Dec 2023 to 16 Oct 2024 in which to pay a continuation fee has been filed . Address for service - Maxwells Patent & Trade Mark Attorneys Pty Ltd PO Box R1466 SYDNEY NSW 1225 AU

2024

2024216532 **SLD Technology, Inc.** An application to extend the time from 26 Feb 2019 to 26 Sep 2024 in which to claim the convention priority date has been filed . Address for service - FB Rice Pty Ltd L 33 477 Collins Street Melbourne VIC 3000 AU

Applications Allowed - Section 223(2)

2018

2018220820 **Clearflow, Inc.** The time in which to pay the acceptance fee has been extended to 28 Aug 2024 . Address for service - Gorton IP GPO Box 629 SYDNEY NSW 2001 AU

2019

2019100391 **Luth Pty Ltd** The time in which to pay a renewal fee has been extended to 11 Jun 2024 . Address for service - Michael Buck IP 159 Musgrave Road Red Hill QLD 4059 AU

2019100883 **CATERNET PTY LTD** The time in which to pay a renewal fee has been extended to 11 Jun 2024 . Address for service - CATERNET PTY LTD 4 Corberding Rd Brookton WA 6306 AU

2024

2024259727 **Impulse Downhole Solutions Ltd.** The time in which to make a further application for a divisional patent has been extended to 01 Dec 2024 . Address for service - Collison & Co Gpo Box 2556 Adelaide SA 5001 AU

Amendments

Applications for Amendment

Amendments

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.

2016

2016429338 A carcass processing system and method **Scott Automation & Robotics Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 23 Jul 2024 . Address for service - ET Intellectual Property PO Box 10 932 Wellington 6140 NZ

2017

2017320901 Chemically modified single-stranded RNA-editing oligonucleotides **ProQR Therapeutics II B.V.** The nature of the amendment is as shown in the statement(s) filed 05 Aug 2024 . Address for service - Jones Tulloch PO BOX 181 Kew East VIC 3102 AU

2018

2018266193 Medical and dental integrated multiphasic biomaterials for single or multi-tissue reconstruction/regeneration **Marquette University** The nature of the amendment is as shown in the statement(s) filed 25 Oct 2024 . Address for service - Pizzey's Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2018371304 Panel **BlueScope Steel Limited** The nature of the amendment is as shown in the statement(s) filed 24 Oct 2024 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2018387661 Ballistic-resistant curved molded article **Avient Protective Materials B.V.** The nature of the amendment is: To substitute the Notice of Entitlement . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2019

2019205821 G1T38 superior dosage regimes **G1 Therapeutics, Inc.** The nature of the amendment is as shown in the statement(s) filed 21 Oct 2024 . Address for service - Davies Collision Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2019210176 Nano-structures patterned on micro-structures **Au-thentix, Inc.** The nature of the amendment is as shown in the statement(s) filed 04 Nov 2024 . Address for service - Madderns Pty Ltd GPO Box 2752 Adelaide SA 5001 AU

2019254466 Energy storage device for high temperature applications **ENI S.p.A.** The nature of the amendment is as shown in the statement(s) filed 08 Nov 2024 . Address for service - Phillips Ormonde Fitzpatrick Level 16 333 Collins Street Melbourne VIC 3000 AU

2019256801 Pharmaceutically effective compounds inhibiting selectively the myosin 2 isoforms **Printnet Kereskedelmi És Szolgáltató Kft. ; EÖTVÖS LORÁND TUDOMÁNYEGYETEM** The nature of the amendment is as shown in the statement(s) filed 01 Nov 2024 . Address for service - Griffith Hack Level 15 376-390 Collins St MELBOURNE VIC 3000 AU

2019280850 Novel salts and crystals **Intra-Cellular Therapies, Inc.** The nature of the amendment is as shown in the statement(s)

Amendments

filed 08 Nov 2024 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2019370339 Bispecific antibody and use thereof **Shandong New Time Pharmaceutical Co., Ltd.** The nature of the amendment is: Amend the name of the inventor to read LI, Qiang; JIA, Shixiang; ZHAO, Lili; ZHANG, Guimin; MA, Xinlu; YAN, Yuan; LI, Zhenyu; HU, Xingxia; ZHANG, Yuhua; LI, Bin and LIU, Zhong . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2021

2021203211 Heap Leaching **Anglo American Technical & Sustainability Services Ltd ; Anglo Corporate Services South Africa (Pty) Ltd** The nature of the amendment is as shown in the statement(s) filed 25 Oct 2024 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2021288251 Grape skin compositions and compounds, and methods of preparation and use therefor **Phantasm Limited** The nature of the amendment is as shown in the statement(s) filed 21 Feb 2024 . Address for service - Southern Cross Intellectual Property PO Box 8026 Wellington 6140 NZ

2022

2022200733 Compact Utility Loader **Great Plains Manufacturing, Inc.** The nature of the amendment is as shown in the statement(s) filed 04 Oct 2024 . Address for service - SR Intellectual Property PO Box 46308 Herne Bay Auckland 1147 NZ

2022200736 Compact Utility Loader **Great Plains Manufacturing, Inc.** The nature of the amendment is as shown in the statement(s) filed 04 Oct 2024 . Address for service - SR Intellectual Property PO Box 46308 Herne Bay Auckland 1147 NZ

2022200740 Compact Utility Loader **Great Plains Manufacturing, Inc.** The nature of the amendment is as shown in the statement(s) filed 04 Oct 2024 . Address for service - SR Intellectual Property PO Box 46308 Herne Bay Auckland 1147 NZ

2022200743 Compact Utility Loader **Great Plains Manufacturing, Inc.** The nature of the amendment is as shown in the statement(s) filed 07 Oct 2024 . Address for service - SR Intellectual Property PO Box 46308 Herne Bay Auckland 1147 NZ

2022262777 COMPOUND AS ADENOSINE A2A RECEPTOR ANT-AGONIST AND PHARMACEUTICAL COMPOSITION COMPRISING SAME **CHONG KUN DANG PHARMACEUTICAL CORP.** The nature of the amendment is as shown in the statement(s) filed 07 Nov 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2023

2023100082 A CARCASS PROCESSING SYSTEM AND METHOD **Scott Automation & Robotics Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 03 Sep 2024 . Address for service - ET Intellectual Property PO Box 10 932 Wellington 6140 NZ

2023202336 Intraocular pseudophakic contact lenses and related systems and methods **OnPoint Vision, Inc.** The nature of the amendment is as shown in the statement(s) filed 09 Oct 2024 . Address

Amendments

for service - FPA Patent Attorneys Pty Ltd Suite 2, Level 9 275 George Street Sydney NSW 2000 AU

2023214375 **TIBIAL PROSTHESIS WITH DISTAL FEATURES FOR NON-CEMENTED FIXATION Zimmer, Inc.** The nature of the amendment is: Remove the name of co-inventor Wilson, Vanessa Marie . Address for service - PHILLIPS ORMONDE FITZPATRICK PO Box 323 COLLINS STREET WEST VIC 8007 AU

2023233206 **PROCESS FOR PRODUCING HYDROGEN, CARBON MONOXIDE, AND CARBON FROM METHANE-CONTAINING FEED-STOCK SK Innovation Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 05 Nov 2024 . Address for service - PHILLIPS ORMONDE FITZPATRICK PO Box 323 COLLINS STREET WEST VIC 8007 AU

Amendments Made

2007

2007352608 **Novartis AG** The nature of the amendment is as shown in the statement filed 17 Jul 2024

2012

2012201288 **Novartis AG** The nature of the amendment is as shown in the statement filed 17 Jul 2024

2014

2014202367 **Novartis AG** The nature of the amendment is as shown in the statement filed 17 Jul 2024

2016

2016202063 **Novartis AG** The nature of the amendment is as shown in the statement filed 17 Jul 2024

2018

2018202788 **I Cook Catering Services Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2018102260

2018359532 **Allogene Therapeutics, Inc.** The nature of the amendment is as shown in the statement filed 25 Jul 2024

2019

2019218136 **Dragonfly Therapeutics, Inc.** The nature of the amendment is: Amend the name of the inventor to read CHANG, Gregory P.; CHEUNG, Ann F.; GRINBERG, Asya; HANEY, William; LUNDE, Bradley M.; PRINZ, Bianka; WEI, Ronnie; FALLON, Daniel and O'NEIL, Steven

2019260015 **Elanco Animal Health GmbH** The nature of the amendment is as shown in the statement filed 05 Aug 2024

2019295360 **Tokamak Energy Ltd** The nature of the amendment is as shown in the statement filed 09 Aug 2024

2021

2021397034 **GLOBAL ENERGY CO., LTD.** The nature of the amendment is: Amend the invention title to read Vertical-Shaft Wind Turbine

Amendments

2022

2022200815 **The Cawthron Institute Trust Board** The nature of the amendment is: Amend the name of a co-inventor to read ADAMS, Serean Leigh AND add co-inventors KING, Nicholas George and VIGNIER, Julien Daniel Edmond

2022215205 **Bluescope Steel Limited** The nature of the amendment is as shown in the statement filed 19 Mar 2024

2022218619 **LG Electronics Inc.** The nature of the amendment is: Amend the invention title to read Vacuum adiabatic body and refrigerator

2022279434 **Beijing Geekplus Technology Co., Ltd.** The nature of the amendment is: Application is to proceed under the number 2022100197

2022279434 **Beijing Geekplus Technology Co., Ltd.** The nature of the amendment is as shown in the statement filed 18 Oct 2024

2022286742 **ARDAN PHARMA S.A.S.; UNIVERSIDAD DE LA REPÚBLICA ORIENTAL DEL URUGUAY; INSTITUT PASTEUR DE MONTEVIDEO** The nature of the amendment is as shown in the statement filed 05 Feb 2024

2022299062 **UMICORE; UNIVERSITEIT GENT** The nature of the amendment is as shown in the statement filed 02 Aug 2024

2022310496 **CELATOR PHARMACEUTICALS, INC.** The nature of the amendment is as shown in the statement filed 11 Apr 2024

2022335232 **QUANTUM ENERGY RESEARCH CENTRE (Q-CENTRE)** The nature of the amendment is: Amend the name of the inventor to read LEE, Sukbae and KIM, Ji Hoon

2022352383 **SANDVIK ROCK PROCESSING AUSTRALIA PTY LIMITED** The nature of the amendment is: Amend the name of the inventor to read WIELTSCH, Andreas and MANN, Simon

2022380831 **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA; FRIEDRICH-ALEXANDER-UNIVERSITÄT ERLANGEN-NÜRNBERG; CHINESE UNIVERSITY OF HONG KONG, SHENZHEN** The nature of the amendment is: Amend the name of the inventor to read SHOICHET, Brian, K.; FINK, Elissa, A.; BASBAUM, Allan I.; BRAZ, Joao, M.; GMEINER, Peter; HUBNER, Harald; SEEMANN, Philipp; PFEIFFER, Tara; DU, Yang and XU, Jun

2022397936 **KLUEBER LUBRICATION MUENCHEN GMBH & CO. KG** The nature of the amendment is: Amend the name of the inventor to read KILTHAU, Thomas; SCHWEIGKOFER, Martin; SCHMIDT-AMELUNXEN, Martin; EGERSDÖRFER, Karl; LODERER, Dirk and KRAUCH, Tilman

2022424201 **EDETE PRECISION TECHNOLOGIES FOR AGRICULTURE LTD** The nature of the amendment is as shown in the statement filed 08 Aug 2024

2023

2023243459 **FLAGSHIP PIONEERING INNOVATIONS V, INC.** The nature of the amendment is: Amend the name of the inventor to read NGUYEN, Laura Anh; FARELLI, Jeremiah Dale; NEWMAN, Joseph V.;

Amendments

BEECH, Lauren Marie; JHA, Mithilesh K.; O'DONNELL, Charles W. and BELAGHZAL, Houda

2023243460 **ABBVIE INC.** The nature of the amendment is: Amend the name of the inventor to read KUMAR, Puneet; MASTRACCHIO, Anthony; MILLS, Mark and PHILLIPS, Andrew, William

2023248246 **JEONG, S.H.** The nature of the amendment is: Amend the invention title to read NEW AND RENEWABLE ENERGY TRADING SYSTEM AND METHOD

2023248387 **OFF-WORLD, INC.** The nature of the amendment is: Amend the name of the inventor to read TALON, Thibaud; KAVE-LAARS, Alicia Teresa; WANG, Qiaozhi; PATIL, Piyush; PENA, Vladimir; PIEIGA, Sergio, III; KUMAR, Ashish; MUTHUVELU, Arjun and SRIVAS, Thayjes

2023250253 **LEONARDO S.P.A.** The nature of the amendment is as shown in the statement filed 15 Jan 2024

2023255558 **VERTEX PHARMACEUTICALS INCORPORATED** The nature of the amendment is: Amend the name of the inventor to read MILLER, Mark Thomas; VOGEL, Carl Victor; BEDELL, Thomas Aaron; HURLEY, Dennis James; NEUBERT, Timothy Donald; NESAN SAVARIAR, Elamprakash; PATEL, Urvi; HADIDA RUAH, Sara Sabina; MCCARTNEY, Jason; ZHOU, Jianglan; DEMORET, Robert Martin; VALIULIN, Roman Askatovich; KINTZER, Alexander Frederick; WEBB, Peter; SLOCHOWER, David Robert; AERTGEERTS, Kathleen; BECK, Elizabeth Mary; KNEGTEL, Ronald Marcellus Alphonsus; CHUDYK, Ewa Iwona; PINDER, Joanne Louise; GULEVICH, Anton V.; ISHIHARA, Yoshihiro and TRAN, Joe A.

2023255771 **VERTEX PHARMACEUTICALS INCORPORATED** The nature of the amendment is: Amend the name of the inventor to read MILLER, Mark, Thomas; HURLEY, Dennis, James; NEUBERT, Timothy, Donald; NESAN SAVARIAR, Elamprakash; PATEL, Urvi; HADIDA RUAH, Sara, Sabina; MCCARTNEY, Jason; ZHOU, Jinglan; DEMORET, Robert, Martin; VALIULIN, Roman, Askatovich; KINTZER, Alexander Frederick; WEBB, Peter; SLOCHOWER, David, Robert; AERTGEERTS, Kathleen; BECK, Elizabeth, Mary; KNEGTEL, Ronald, Marcellus Alphonsus; CHUDYK, Ewa, Iwona; PINDER, Joanne, Louise; GULEVICH, Anton, V.; ISHIHARA, Yoshihiro; TRAN, Joe, A. and SCHARF, Adam

2023256603 **VERTEX PHARMACEUTICALS INCORPORATED** The nature of the amendment is: Amend the name of the inventor to read MILLER, Mark, Thomas; HURLEY, Dennis, James; NEUBERT, Timothy, Donald; ARUMUGAM, Vijayalaksmi; HADIDA RUAH, Sara, Sabina; MCCARTNEY, Jason; ZHOU, Jinglan; CHAU, Jaclyn; DEMORET, Robert, Martin; GHIRMAI, Senait, G.; VALIULIN, Roman, Askatovich; KINTZER, Alexander Frederick; SLOCHOWER, David, Robert; AERTGEERTS, Kathleen; BECK, Elizabeth, Mary; MUI, James, Jun Bon; WRIGHT, Miranda, Adele; KNEGTEL, Ronald, Marcellus Alphonsus; CHUDYK, Ewa, Iwona; PINDER, Joanne, Louise; DODD, James and SIMPSON, Iain

2023257313 **VERTEX PHARMACEUTICALS INCORPORATED** The nature of the amendment is: Amend the name of the inventor to read MILLER, Mark Thomas; HURLEY, Dennis James; NEUBERT, Timothy Donald; ARUMUGAM, Vijayalaksmi; HADIDA RUAH, Sara Sabina; MCCARTNEY, Jason; ZHOU, Jinglan; CHAU, Jaclyn; DEMORET, Robert Martin; GHIRMAI, Senait G.; VALIULIN, Roman Askatovich; KINTZER, Alexander Frederick; SLOCHOWER, David Robert; AERTGEERTS, Kathleen; BECK, Elizabeth Mary; MUI, James Jun Bon; WRIGHT, Miranda Adele; KNEGTEL, Ronald Marcellus Al-

Amendments

phonsus; CHUDYK, Ewa Iwona; PINDER, Joanne Louise; JACQUES, Reece; DODD, James and SIMPSON, Iain

2023261888 **MANKIND CORPORATION** The nature of the amendment is: Amend the name of the inventor to read GRANT, Marshall L.; FREEMAN Jr., John J. and CASTAGNA, Michael

2023264674 **CHINA MOBILE COMMUNICATION CO., LTD RESEARCH INSTITUTE; CHINA MOBILE COMMUNICATIONS GROUP CO., LTD.** The nature of the amendment is: Amend the invention title to read Reference Signal Configuration Method, Method for Reporting State Information and Related Device

2023272670 **TEIJIN LIMITED** The nature of the amendment is: Amend the invention title to read FIBER SHEET STRUCTURE INCLUDING DOUBLED YARN BUNDLE MADE OF GELATIN FIBER BUNDLE AND THERMOPLASTIC RESIN FIBER BUNDLE

2023307658 **JFE STEEL CORPORATION** The nature of the amendment is: Amend the invention title to read IRON-BASED POWDER FOR OXYGEN REACTANT AND OXYGEN REACTANT

2023311663 **HOYA LENS THAILAND LTD.** The nature of the amendment is: Amend the invention title to read METHOD FOR DESIGNING SPECTACLE LENS, METHOD FOR MANUFACTURING SPECTACLE LENS, SPECTACLE LENS, AND EYEGLASSES

2023432026 **IDEAL SANITARY WARE CO., LTD.** The nature of the amendment is: Amend the invention title to read BIDIRECTIONAL BUFFER

2024

2024903604 **Helmer, R.** The nature of the amendment is: Amend the invention title to read DETECTION DEVICE, PERCUSSION INSTRUMENT AND A METHOD

2024903622 **Advanced Chain Technologies (A.C.T.) Pty Limited** The nature of the amendment is: Amend the invention title to read Line protecting apparatus

2024903655 **East Coast Electronics (Grafton) Pty Ltd** The nature of the amendment is: Amend the invention title to read Satellite Antenna Mounting System for High-Wind Environments

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

2009

2009316197 **TELOIP INC.** The name of the patentee has been altered to **Adaptiv Networks Inc.**

2010

2010282174 **TELOIP INC.** The name of the patentee has been altered to **Adaptiv Networks Inc.**

2010320918 **NANOBACTERIE** The name of the patentee has been altered to **AlphaOnco**

Amendments

2015

2015258288 TELOIP INC. The name of the patentee has been altered to **Adaptiv Networks Inc.**

2015317247 Hitachi Zosen Inova AG The name of the patentee has been altered to **Kanadevia Inova AG**

2015398478 Hitachi Zosen Inova AG The name of the patentee has been altered to **Kanadevia Inova AG**

2016

2016200834 Hitachi Zosen Inova AG The name of the patentee has been altered to **Kanadevia Inova AG**

2016277897 NANOBACTERIE The name of the patentee has been altered to **AlphaOnco**

2018

2018220863 NANOBACTERIE The name of the patentee has been altered to **AlphaOnco**

2018374564 NANOBACTERIE The name of the patentee has been altered to **AlphaOnco**

2019

2019203410 NANOBACTERIE The name of the patentee has been altered to **AlphaOnco**

2019240579 NANOBACTERIE The name of the patentee has been altered to **AlphaOnco**

2019254665 HealthUp Sp. z o.o. The name of the applicant has been altered to **HealthUp S.A.**

2019376681 L-Nutra The name of the applicant has been altered to **L-Nutra Inc.**

2020

2020203591 NANOBACTERIE The name of the patentee has been altered to **AlphaOnco**

2020290136 Hitachi Zosen Inova AG The name of the applicant has been altered to **Kanadevia Inova AG**

2020312113 Hitachi Zosen Inova AG The name of the applicant has been altered to **Kanadevia Inova AG**

2021

2021228234 Solution Medical, LLC The name of the applicant has been altered to **SOLUtion Medical, Inc.**

2021287606 Stichting Euroflow; Academisch Ziekenhuis Leiden h.o.d.n. LUMC; University of Salamanca The name of the applicant has been altered to **Stichting EuroFlow; Academisch Ziekenhuis Leiden h.o.d.n. LUMC; University of Salamanca**

2021303678 University of Nottingham The name of the applicant has been altered to **The University of Nottingham**

Amendments

2021339933 Hitachi Zosen Inova AG The name of the applicant has been altered to **Kanadevia Inova AG**

2021341465 Hitachi Zosen Inova AG The name of the patentee has been altered to **Kanadevia Inova AG**

2022

2022255175 Trace NewCo, Inc. The name of the applicant has been altered to **Trace Neuroscience, Inc.**

2022278589 R&M ENGINEERING AS The name of the applicant has been altered to **Elenovations AS**

2022366152 Hitachi Zosen Inova AG The name of the patentee has been altered to **Kanadevia Inova AG**

2022375818 DUKE UNIVERISTY ; COLD SPRING HARBOR LABORATORY The name of the applicant has been altered to **DUKE UNIVERSITY; COLD SPRING HARBOR LABORATORY**

2023

2023246844 KEOLIS SA. The name of the applicant has been altered to **KEOLIS SA**

2023251942 JUST TECHNOLOGY SHPK The name of the applicant has been altered to **PERISO ShPK**

2023278124 Adam Revell The name of the applicant has been altered to **Revell, A.**

2023903565 Breville Pty Limited The name of the applicant has been altered to **Breville USA, Inc.**

2024

2024205656 Che, Xiaoling; Duan, Jinyan The name of the applicant has been altered to **Che, X.; Duan, J.**

2024227390 Endeavour Veterinary Ecology The name of the applicant has been altered to **Endeavour Veterinary Ecology Pty Ltd**

Applications Open to Public Inspection

Name Index

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

<p>(71) 360 Knee Systems Pty Ltd (11) AU-A-2024259680 (21) 2024259680 (22) 01.11.2024 (54) Managing patients of knee surgeries (51) Int. Cl. G06Q 50/22 (2018.01) (43) 21.11.2024 (62) 2022221519 (72) BOGUE, Emily; TWIGGS, Joshua; THEODORE, Willy; MILES, Brad; O'CONNOR, Bede (74) FB Rice Pty Ltd</p> <hr/> <p>(71) Abiomed, Inc. (11) AU-A-2024259640 (21) 2024259640 (22) 31.10.2024 (54) Heart pump with passive purge system (51) Int. Cl. A61M 60/122 (2021.01) A61M 60/139 (2021.01) (43) 21.11.2024 (62) 2023214339 (72) Barry, Vincent (74) Davies Collison Cave Pty Ltd</p> <hr/> <p>(71) Abiomed, Inc.; Oscor, Inc. (11) AU-A-2024259641 (21) 2024259641 (22) 31.10.2024 (54) Overmold technique for peel-away introducer design (51) Int. Cl. A61M 25/00 (2006.01) A61M 25/06 (2006.01) B29C 65/02 (2006.01) (43) 21.11.2024 (62) 2023214347 (72) Fantuzzi, Glen; Tafone, Michael; Drum, Jeffrey (74) Davies Collison Cave Pty Ltd</p> <hr/> <p>(71) Abiomed Europe GmbH (11) AU-A-2024227751 (21) 2024227751 (22) 30.10.2024 (54) Blood pump (51) Int. Cl. A61M 60/17 (2021.01) (43) 21.11.2024 (62) 2018316543 (72) NIX, Christoph; LUNZE, Katrin; SIESS, Thorsten; ABOULHOSN, Walid (74) Spruson & Ferguson</p> <hr/> <p>(71) ABUS August Bremicker Söhne KG (11) AU-A-2024202631 (21) 2024202631 (22) 23.04.2024 (54) HOLDER FOR CONNECTING A NECK STRAP TO THE HELMET SHELL OF A HELMET</p>	<p>(51) Int. Cl. A42B 3/08 (2006.01) A42B 3/06 (2006.01) (31) 102023111678.9 (32) 04.05.23 (33) DE (43) 21.11.2024 (72) Künzli, Daniel; Carotto, Mattia; Tamajka, Lukas (74) PHILLIPS ORMONDE FITZPATRICK</p> <hr/> <p>(71) Access Vascular, Inc (11) AU-A-2024256088 (21) 2024256088 (22) 31.10.2024 (54) Packaging for hydrated articles and related methods (51) Int. Cl. A61M 25/00 (2006.01) A61B 50/30 (2016.01) A61F 2/00 (2006.01) A61L 29/04 (2006.01) B65B 5/04 (2006.01) (43) 21.11.2024 (62) 2021230387 (72) DOHERTY, Mark Thomas; DONAHUE, Daniel T.; HANLEY, Brian M.; MANARINO, Matthew M.; MCGRATH, Michael J. (74) Spruson & Ferguson</p> <hr/> <p>(71) Adobe Inc. (11) AU-A-2024201342 (21) 2024201342 (22) 29.02.2024 (54) GENERATING AND IMPLEMENTING SEMANTIC HISTORIES FOR EDITING DIGITAL IMAGES (51) Int. Cl. G06F 16/54 (2019.01) G06F 16/583 (2019.01) G06T 11/00 (2006.01) G06V 10/82 (2022.01) (31) 18/311,638 (32) 03.05.23 (33) US (43) 21.11.2024 (72) Bagnall, Archie (74) RnB IP Pty Ltd</p> <hr/> <p>(71) Adobe Inc. (11) AU-A-2024201343 (21) 2024201343 (22) 29.02.2024 (54) IMPLEMENTING GRAPHICAL USER INTERFACES FOR VIEWING AND INTERACTING WITH SEMANTIC HISTORIES FOR EDITING DIGITAL IMAGES (51) Int. Cl. G06F 3/04842 (2022.01) G06F 16/583 (2019.01) (31) 18/311,705 (32) 03.05.23 (33) US (43) 21.11.2024 (72) Bagnall, Archie (74) RnB IP Pty Ltd</p>	<p>(71) Adobe Inc. (11) AU-A-2024201423 (21) 2024201423 (22) 04.03.2024 (54) MODIFYING DIGITAL IMAGES USING COMBINATIONS OF DIRECT INTERACTIONS WITH THE DIGITAL IMAGES AND CONTEXT-INFORMING SPEECH INPUT (51) Int. Cl. G06F 3/16 (2006.01) G06F 3/0488 (2022.01) G06T 11/00 (2006.01) (31) 18/311,713 (32) 03.05.23 (33) US (43) 21.11.2024 (72) Bui, Trung; Soni, Nikita; Smith, Kevin (74) RnB IP Pty Ltd</p> <hr/> <p>(71) Adobe Inc. (11) AU-A-2024201424 (21) 2024201424 (22) 04.03.2024 (54) ABSTRACT BACKGROUND GENERATION (51) Int. Cl. G06N 3/0475 (2023.01) G06N 3/044 (2023.01) G06N 3/048 (2023.01) G06N 3/088 (2023.01) G06N 3/094 (2023.01) G06V 10/82 (2022.01) (31) 18/312,246 (32) 04.05.23 (33) US (43) 21.11.2024 (72) Ravi, Hareesh; Kale, Ajinkya (74) RnB IP Pty Ltd</p> <hr/> <p>(71) AFL Telecommunications LLC (11) AU-A-2024227772 (21) 2024227772 (22) 30.10.2024 (54) A high density patch panel with modular cassettes (51) Int. Cl. H04Q 1/02 (2006.01) (43) 21.11.2024 (62) 2023200219 (72) VOGEL, Mark A. (74) FB Rice Pty Ltd</p> <hr/> <p>(71) AFL Telecommunications LLC (11) AU-A-2024227774 (21) 2024227774 (22) 30.10.2024 (54) Cable mounting clamps (51) Int. Cl. H02G 3/32 (2006.01) G02B 6/44 (2006.01) H02G 3/34 (2006.01) H02G 15/18 (2006.01) (43) 21.11.2024 (62) 2023200505 (72) BALL, Shirley; COURCHAINE, Wilfred J. (74) FB Rice Pty Ltd</p>
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Applications Open to Public Inspection - Name Index cont'd

(71) Algesacooling Pty Ltd
 (11) AU-A-2024259665
 (21) 2024259665 (22) 01.11.2024
 (54) Refrigeration Evaporators and Systems
 (51) Int. Cl.
 F25B 39/00 (2006.01)
 F25B 41/00 (2021.01)
 F28B 1/06 (2006.01)
 F28D 9/00 (2006.01)
 F28F 9/26 (2006.01)
 (43) 21.11.2024
 (62) 2022204001
 (72) Richards, Alan
 (74) Michael Buck IP

(71) Amadeus S.A.S.
 (11) AU-A-2024259699
 (21) 2024259699 (22) 01.11.2024
 (54) Biometric authentication method, system, and computer program
 (51) Int. Cl.
 G06F 21/32 (2013.01)
 (43) 21.11.2024
 (62) 2019260125
 (72) MCKELL-REDWOOD, Colin; TORRES, Nicolas; PRESTIA, Gregorio Gianluca; MAAROUFI, Mohamed-Amine
 (74) Griffith Hack

(71) Amazentis SA
 (11) AU-A-2024259763
 (21) 2024259763 (22) 06.11.2024
 (54) Enhancing autophagy or increasing longevity by administration of urolithins or precursors thereof
 (51) Int. Cl.
 C07D 493/00 (2006.01)
 A61K 31/00 (2006.01)
 A61K 31/366 (2006.01)
 A61K 45/06 (2006.01)
 A61P 3/04 (2006.01)
 A61P 3/06 (2006.01)
 A61P 3/10 (2006.01)
 A61P 9/00 (2006.01)
 A61P 25/00 (2006.01)
 A61P 29/00 (2006.01)
 A61P 35/00 (2006.01)
 A61P 43/00 (2006.01)
 C07D 493/06 (2006.01)
 (43) 21.11.2024
 (62) 2022200876
 (72) BLANCO-BOSE, William; SCHNEIDER, Bernard; MOUCHIROUD, Laurent; RYU, Dongryeol; ANDREUX, Penelope; AUWERX, Johan; RINSCH, Christopher L.
 (74) Spruson & Ferguson

(71) American Sterilizer Company
 (11) AU-A-2024259714
 (21) 2024259714 (22) 04.11.2024
 (54) Process for Determining Viability of Test Microorganisms of Biological Indicator and Sterilization Detection Device for Determining Same
 (51) Int. Cl.

C12Q 1/22 (2006.01)
C12M 1/12 (2006.01)
G01N 27/00 (2006.01)
G01N 33/497 (2006.01)
 (43) 21.11.2024
 (62) 2018301379
 (72) CENTANNI, Michael A.; FRAN-CISKOVICH, Phillip P.
 (74) WRAYS PTY LTD

(71) Angelcare Canada Inc.; International Refills Company Ltd.
 (11) AU-A-2024227712
 (21) 2024227712 (22) 29.10.2024
 (54) BAG ROLL CASSETTE AND METHOD OF USE
 (51) Int. Cl.
 B65D 33/16 (2006.01)
 B65D 30/10 (2006.01)
 B65D 33/24 (2006.01)
 B65D 85/67 (2006.01)
 B65H 75/18 (2006.01)
 (43) 21.11.2024
 (62) 2018364593
 (72) Morand, Michel; Pinsonnault, Maurice
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Angel Group Co., Ltd.
 (11) AU-A-2024227787
 (21) 2024227787 (22) 31.10.2024
 (54) Management system
 (51) Int. Cl.
 A63F 1/18 (2006.01)
 (43) 21.11.2024
 (62) 2018378777
 (72) SHIGETA, Yasushi
 (74) Davies Collison Cave Pty Ltd

(71) Aperture in Motion, LLC
 (11) AU-A-2024227769
 (21) 2024227769 (22) 30.10.2024
 (54) LIGHT CONTROL DEVICES AND METHODS FOR REGIONAL VARIATION OF VISUAL INFORMATION AND SAMPLING
 (51) Int. Cl.
 A61B 3/10 (2006.01)
 A61F 2/14 (2006.01)
 A61F 11/04 (2006.01)
 A61M 1/30 (2006.01)
 G02B 5/00 (2006.01)
 G02B 26/00 (2006.01)
 G02B 26/02 (2006.01)
 G02B 27/01 (2006.01)
 (43) 21.11.2024
 (62) 2018389608
 (72) Serdarevic, Olivia; Yavitz, Edward
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Apple Inc.
 (11) AU-A-2024259692
 (21) 2024259692 (22) 01.11.2024
 (54) User interfaces related to time
 (51) Int. Cl.
 G06F 3/00 (2006.01)
 G04C 17/00 (2006.01)

(43) 21.11.2024
 (62) 2023282284
 (72) LYNCH, Kevin; DYE, Alan C.; CHAO, Edward; MCFETRIDGE, Geoff Boyd; LEE, Eileen Y.; CONNOR, Teofila; FORSELL, Lisa K.; BARLIER, Guillaume Pierre André; ROMNEY, Christopher James; RICKWALD, Jason; GARDNER, JD; SCAPEL, Nicolas; PAGE, Pani; WILSON, Christopher; CHEN, Kevin Will; GUZMAN, Aurelio
 (74) FPA Patent Attorneys Pty Ltd

(71) ARB Corporation Ltd
 (11) AU-A-2024202754
 (21) 2024202754 (22) 26.04.2024
 (54) Housing for a Winch Ring
 (51) Int. Cl.
 B66D 3/04 (2006.01)
 B66D 1/36 (2006.01)
 (31) 2023901319 (32) 03.05.23 (33) AU
 (43) 21.11.2024
 (72) Bongard, Daniel Jason; Brown, Andrew Harry; Clark, John Desmond
 (74) FB Rice Pty Ltd

(71) Ardelyx, Inc.
 (11) AU-A-2024259706
 (21) 2024259706 (22) 04.11.2024
 (54) Substituted 4-Phenyl Pyridine Compounds As Non-Systemic TGR5 Agonists
 (51) Int. Cl.
 C07D 401/12 (2006.01)
 A61K 31/4418 (2006.01)
 A61K 31/4427 (2006.01)
 A61P 3/00 (2006.01)
 A61P 9/10 (2006.01)
 A61P 11/06 (2006.01)
 C07D 213/38 (2006.01)
 C07D 405/12 (2006.01)
 (43) 21.11.2024
 (62) 2022279504
 (72) Lewis, Jason G.; Leadbetter, Michael Robert; Caldwell, Jeremy; Dragoli, Dean; Bell, Noah; Jacobs, Jeffrey W.; Finn, Patricia; Jain, Rakesh; Chen, Tao; Siegel, Matthew
 (74) WRAYS PTY LTD

(71) Argenta Innovation Limited
 (11) AU-A-2024259741
 (21) 2024259741 (22) 06.11.2024
 (54) Intra-ruminal device
 (51) Int. Cl.
 A61D 7/00 (2006.01)
 A61K 9/22 (2006.01)
 (43) 21.11.2024
 (62) 2022271432
 (72) GILL, David Anthony; MORROW, Desmond Ian John; ROUT, Brendon Shane; VENNING, Michael Sean
 (74) Dentons Patent Attorneys Australasia Limited

(71) Aristocrat Technologies, Inc.
 (11) AU-A-2024202647

Applications Open to Public Inspection - Name Index cont'd

(21) 2024202647 (22) 23.04.2024
 (54) GAMING DEVICE INCLUDING A HINGE ASSEMBLY FOR A DOOR
 (51) Int. Cl.
G07F 17/32 (2006.01)
A63F 13/24 (2014.01)
 (31) 18/584,586 (32) 22.02.24 (33) US
 63/500,196 04.05.23 US
 (43) 21.11.2024
 (72) Dundaraddi, Kiran; Goldstein, Brian
 (74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited
 (11) AU-A-2024227734
 (21) 2024227734 (22) 29.10.2024
 (54) GAMING MACHINES, METHODS OF GAMING AND GAMING SYSTEMS
 (51) Int. Cl.
A63F 13/00 (2014.01)
A63F 13/40 (2014.01)
A63F 13/50 (2014.01)
G07F 17/34 (2006.01)
 (43) 21.11.2024
 (62) 2022246459
 (72) BRADLEY, Hendricks; BURCZYK, Damien; HRITZ, Todd Jeremy
 (74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited
 (11) AU-A-2024256087
 (21) 2024256087 (22) 31.10.2024
 (54) ARTICULATING HINGE ASSEMBLY FOR SECURING AN ACCESS DOOR ON A GAMING MACHINE CABINET
 (51) Int. Cl.
E05D 3/16 (2006.01)
E05D 5/06 (2006.01)
G07F 9/00 (2006.01)
 (43) 21.11.2024
 (62) 2022202200
 (72) PATEL, Jigarkumar Ghanshyambhai; BARBOUR, Timothy Francis
 (74) Griffith Hack

(71) Asceneuron S.A.
 (11) AU-A-2024227691
 (21) 2024227691 (22) 28.10.2024
 (54) Succinate and fumarate acid addition salts of piperazine derivatives useful as glycosidase inhibitors
 (51) Int. Cl.
C07D 277/62 (2006.01)
A61K 31/506 (2006.01)
A61P 25/28 (2006.01)
C07D 277/64 (2006.01)
C07D 417/12 (2006.01)
 (43) 21.11.2024
 (62) 2019324522
 (72) QUATTROPANI, Anna; KULKARNI, Santosh S.; GIRI, Awadut Gajendra; HETT, Robert; CROWE, David Malcolm
 (74) Spruson & Ferguson

(71) ASEPSIS PTY. LTD.
 (11) AU-A-2023202693

(21) 2023202693 (22) 02.05.2023
 (54) DEVICE, SYSTEM AND METHOD FOR SORTING OF LAUNDERED ITEMS
 (51) Int. Cl.
D06F 93/00 (2006.01)
G05B 19/12 (2006.01)
G06K 7/10 (2006.01)
G06K 19/02 (2006.01)
G06K 19/07 (2006.01)
D06F 95/00 (2006.01)
G05B 15/02 (2006.01)
G05B 19/042 (2006.01)
G06Q 10/00 (2023.01)
 (43) 21.11.2024
 (72) SONI, Hiren M.; ARMSTRONG, David John
 (74) Oxygene IP

(71) Aurora Operations, Inc.
 (11) AU-A-2024227705
 (21) 2024227705 (22) 29.10.2024
 (54) SEMICONDUCTOR LASER AND OPTICAL AMPLIFIER PHOTONIC PACKAGE
 (51) Int. Cl.
H01S 5/026 (2006.01)
G01S 17/02 (2020.01)
G02B 6/12 (2006.01)
G02B 6/42 (2006.01)
H01S 5/00 (2006.01)
H01S 5/02208 (2021.01)
H01S 5/02255 (2021.01)
H01S 5/02315 (2021.01)
H01S 5/02326 (2021.01)
H01S 5/50 (2006.01)
G01S 7/481 (2006.01)
H01S 5/0683 (2006.01)

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 (62) 2023203293
 (72) WANG, Lei; LIN, Sen; MICHAELS, Andrew Steil
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Austrak Pty Ltd
 (11) AU-A-2024202920
 (21) 2024202920 (22) 02.05.2024
 (54) Structural member and method of producing a structural member
 (51) Int. Cl.
E04C 3/29 (2006.01)
B32B 5/02 (2006.01)
B32B 27/12 (2006.01)
E04C 3/28 (2006.01)
 (31) 2023901328 (32) 04.05.23 (33) AU
 (43) 21.11.2024
 (72) Lambert, Simon; Baxter, Daniel; Khammer, Medhi
 (74) BOSH IP Pty Ltd

(71) AUSTRALIAN MAKESAFES PTY LTD
 (11) AU-A-2024259708
 (21) 2024259708 (22) 04.11.2024
 (54) Tarp and associated Method of Use
 (51) Int. Cl.
E04G 21/28 (2006.01)
E04G 21/24 (2006.01)

(43) 21.11.2024
 (62) 2023273539
 (72) FITZPATRICK, Darren Paul; REED, Kieran Jaymes; YATES, Mitchell Joel
 (74) Caska Intellectual Property Pty Ltd

(71) Avery Dennison Corporation
 (11) AU-A-2024259682
 (21) 2024259682 (22) 01.11.2024
 (54) Labeling of polymeric containers
 (51) Int. Cl.
G09F 3/02 (2006.01)
 (43) 21.11.2024
 (62) 2022246437
 (72) Blackwell, Christopher J.
 (74) Griffith Hack

(71) Balance Ophthalmics, Inc.
 (11) AU-A-2024227715
 (21) 2024227715 (22) 29.10.2024
 (54) Apparatus and methods to adjust spontaneous venous pulsation
 (51) Int. Cl.
A61B 3/12 (2006.01)
A61B 3/16 (2006.01)
A61B 5/021 (2006.01)
A61B 5/024 (2006.01)
A61B 5/03 (2006.01)
A61F 9/00 (2006.01)
A61F 9/007 (2006.01)
A61F 9/02 (2006.01)

(43) 21.11.2024
 (62) 2022211909
 (72) BERDAHL, John; TSAI, George; WALBRINK, Hal; THOMPSON, Vance Michael; BRAMBILLA, Enrico
 (74) FB Rice Pty Ltd

(71) Bambino Prezioso Switzerland AG
 (11) AU-A-2024227753
 (21) 2024227753 (22) 30.10.2024
 (54) SAFETY BELT AUTOMATIC ADJUSTMENT APPARATUS AND CHILD SAFETY SEAT THEREWITH
 (51) Int. Cl.
B60R 22/10 (2006.01)
B60N 2/28 (2006.01)
B60R 22/357 (2006.01)

(43) 21.11.2024
 (62) 2020383668
 (72) ZHANG, Da Liang
 (74) Griffith Hack

(71) Bambino Prezioso Switzerland AG
 (11) AU-A-2024259690
 (21) 2024259690 (22) 01.11.2024
 (54) SEAT MISUSE ALARM DEVICE
 (51) Int. Cl.
B60N 2/28 (2006.01)
B60N 2/02 (2006.01)
B60R 21/015 (2006.01)

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 (62) 2021231211
 (72) LIU, Zu Jian; GUO, Zhengwen
 (74) Griffith Hack

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(71) BEDGEAR, LLC
 (11) AU-A-2024227479
 (21) 2024227479 (22) 18.10.2024
 (54) Bedding System, Kit and Method
 (51) Int. Cl.
A47C 21/04 (2006.01)
A47C 19/04 (2006.01)
A47C 23/043 (2006.01)
A47C 27/00 (2006.01)

(43) 21.11.2024
 (62) 2022211817
 (72) ALLETTO Jr., Eugene; TURICCHIA, Lorenzo
 (74) Michael Buck IP

(71) Behnam, Z.
 (11) AU-A-2024203017
 (21) 2024203017 (22) 07.05.2024
 (54) Firefighting System
 (51) Int. Cl.
E04B 1/94 (2006.01)
A62C 2/08 (2006.01)
A62C 3/02 (2006.01)
A62C 35/58 (2006.01)
E04D 13/064 (2006.01)

(31) 2023901371 (32) 07.05.23 (33) AU
 (43) 21.11.2024
 (72) Behnam, Zuhair
 (74) MEYER WEST IP

(71) Beijing Roborock Technology Co., Ltd.
 (11) AU-A-2024227177
 (21) 2024227177 (22) 08.10.2024
 (54) Method and apparatus for detecting obstacle, self-moving robot, and storage medium.
 (51) Int. Cl.

G05D 1/622 (2024.01)
G05D 1/24 (2024.01)
G05D 1/241 (2024.01)
G05D 1/246 (2024.01)
G05D 1/43 (2024.01)
G05D 1/617 (2024.01)
G05D 1/648 (2024.01)
G05D 1/65 (2024.01)
G05D 3/00 (2006.01)
A47L 9/28 (2006.01)
A47L 11/10 (2006.01)
G05D 1/242 (2024.01)
G05D 101/00 (2024.01)
G05D 101/10 (2024.01)
G05D 107/20 (2024.01)
G05D 107/40 (2024.01)
G05D 107/60 (2024.01)
G05D 109/10 (2024.01)

(43) 21.11.2024
 (62) 2023201499
 (72) XIE, Haojian
 (74) Allens Patent & Trade Mark Attorneys

(71) Beijing Roborock Technology Co., Ltd.
 (11) AU-A-2024227710
 (21) 2024227710 (22) 29.10.2024
 (54) AUTOMATIC CLEANING DEVICE
 (51) Int. Cl.
A47L 11/282 (2006.01)

(43) 21.11.2024
 (62) 2021349067
 (72) LI, Xing; CHENG, Pan; DUAN, Chuanlin; YANG, Zhimin; PENG, Song
 (74) Collison & Co

(71) Biomerieux, Inc.
 (11) AU-A-2024259688
 (21) 2024259688 (22) 01.11.2024
 (54) Methods For Testing Or Adjusting A Charged-Particle Detector, And Related Detection Systems
 (51) Int. Cl.
G01N 30/72 (2006.01)
H01J 49/26 (2006.01)
H01J 49/40 (2006.01)

(43) 21.11.2024
 (62) 2019222589
 (72) VANGORDON, James Arthur
 (74) WRAYS PTY LTD

(71) BioNTech SE; TRON-Translational Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz gGm

(11) AU-A-2024259750
 (21) 2024259750 (22) 06.11.2024
 (54) Stabilization of poly(A) sequence encoding DNA sequences
 (51) Int. Cl.
C12N 15/09 (2006.01)
C12N 15/67 (2006.01)
C12N 15/68 (2006.01)

(43) 21.11.2024
 (62) 2021277776
 (72) EBERLE, Florian; SAHIN, Ugur; KHUN, Andreas; VALLAZZA, Britta; DIKEN, Mustafa
 (74) FB Rice Pty Ltd

(71) BIOPAP S.r.l.
 (11) AU-A-2024202795
 (21) 2024202795 (22) 30.04.2024
 (54) Container for foodstuffs and manufacturing method
 (51) Int. Cl.
B65D 81/34 (2006.01)
B65D 1/22 (2006.01)
B65D 85/36 (2006.01)
B65D 85/72 (2006.01)
 (31) 102023000008604 (32) 02.05.23 (33) IT
 (43) 21.11.2024
 (72) ANDERLINI, Michelangelo; ANGHILERI, Giuseppe
 (74) Davies Collison Cave Pty Ltd

(71) Bioerativ Therapeutics Inc.
 (11) AU-A-2024227757
 (21) 2024227757 (22) 30.10.2024
 (54) Factor VIII-Fc chimeric and hybrid polypeptides, and methods of use thereof
 (51) Int. Cl.
C07K 14/755 (2006.01)
A61K 38/37 (2006.01)

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 (62) 2021202912
 (72) DUMONT, Jennifer A.; LOW, Susan; BITONTI, Alan J.; PIERCE, Glenn; LUK, Alvin; JIANG, Haiyan; MCKINNEY, Byron; OTTMER, Matt; SOMMER, Jurg; NUGENT, Karen; LI, Lian; PETERS, Robert
 (74) Griffith Hack

(71) Bodor Laboratories, Inc.
 (11) AU-A-2024227714
 (21) 2024227714 (22) 29.10.2024
 (54) Formulation for soft anticholinergic analogs
 (51) Int. Cl.
A61K 8/49 (2006.01)
A61K 31/40 (2006.01)
A61P 43/00 (2006.01)

(43) 21.11.2024
 (62) 2023202689
 (72) Bodor, Nicholas S.; Koleng, John J.; Angulo, David
 (74) Griffith Hack

(71) Boos, J.
 (11) AU-A-2023274108
 (21) 2023274108 (22) 28.11.2023
 (54) CONTAINER FOR MIXING LIQUIDS
 (51) Int. Cl.
A47J 43/27 (2006.01)
B01F 33/501 (2022.01)
 (31) 18/142,344 (32) 02.05.23 (33) US
 (43) 21.11.2024
 (72) Jonathan Boos
 (74) Madderns Pty Ltd

Boral IP Holdings (Australia) PTY Limited see Keyte, L.
 (21) 2024227718

Bristol-Myers Squibb Company see Seagen Inc.
 (21) 2024227762

(71) Bruin Biometrics, LLC
 (11) AU-A-2024227698
 (21) 2024227698 (22) 28.10.2024
 (54) Detection of tissue damage
 (51) Int. Cl.
A61B 5/00 (2006.01)
A61B 5/053 (2021.01)
 (43) 21.11.2024
 (62) 2019217995
 (72) BURNS, Martin F.; ROSS, Graham O.
 (74) Spruson & Ferguson

(71) BT Engineering Group Pty Ltd
 (11) AU-A-2023202799
 (21) 2023202799 (22) 04.05.2023
 (54) A STRINGLINE BLOCK
 (51) Int. Cl.
E04G 21/18 (2006.01)

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 (72) EDLER, Kier
 (74) Wynnes Patent and Trade Mark Attorneys Pty Ltd

(71) Canva Pty Ltd
 (11) AU-A-2023202796
 (21) 2023202796 (22) 04.05.2023
 (54) Systems and methods for automatically generating a video production
 (51) Int. Cl.
G06T 11/60 (2006.01)
G06N 3/08 (2023.01)
G06T 13/20 (2011.01)
G11B 27/036 (2006.01)
G06F 40/106 (2020.01)
G06F 40/186 (2020.01)
H04N 21/47 (2011.01)
 (43) 21.11.2024
 (72) Grant, Jackson; Joshi, Bhautik Jitendra; Chen, Cheng; Rana, Aditya Sangram Singh; Tylson Baixauli, Emilio
 (74) FPA Patent Attorneys Pty Ltd

(71) Cardinal Health 529, LLC
 (11) AU-A-2024227699
 (21) 2024227699 (22) 28.10.2024
 (54) Helical ultra low foreshortening stent
 (51) Int. Cl.
A61F 2/88 (2006.01)
A61F 2/915 (2013.01)
 (43) 21.11.2024
 (62) 2022202193
 (72) MAJERCAK, David
 (74) Griffith Hack

Carnegie Mellon University see University of Pittsburgh - Of the Commonwealth System of Higher Education
 (21) 2024256083

(71) Casale SA
 (11) AU-A-2024259745
 (21) 2024259745 (22) 06.11.2024
 (54) Tube heat exchange unit for internals of heat exchangers or reactors
 (51) Int. Cl.
F28F 9/013 (2006.01)
B01J 8/04 (2006.01)
F22B 37/20 (2006.01)
F28D 7/16 (2006.01)
F28F 9/22 (2006.01)
 (43) 21.11.2024
 (62) 2022271448
 (72) Rizzi, Enrico
 (74) Acumen Intellectual Property

(71) CATERPILLAR INC.
 (11) AU-A-2024202199
 (21) 2024202199 (22) 05.04.2024
 (54) WINCH ASSEMBLY WITH STEPPED BORES
 (51) Int. Cl.
B66D 1/28 (2006.01)
B66D 1/26 (2006.01)
B66D 1/30 (2006.01)

B66D 1/36 (2006.01)
E21B 19/15 (2006.01)
 (31) 18/310724 (32) 02.05.23 (33) US
 (43) 21.11.2024
 (72) LAWSON, Sean D; BARBIER, Benjamin; TABUTIN, Simon
 (74) FPA Patent Attorneys Pty Ltd

(71) CATERPILLAR INC.
 (11) AU-A-2024202379
 (21) 2024202379 (22) 11.04.2024
 (54) SYSTEM FOR MEASURING LOAD ON LOWER BOOM BLOCK YOKE OF PIPELAYERS
 (51) Int. Cl.
B66C 13/16 (2006.01)
B66C 23/88 (2006.01)
E02F 5/10 (2006.01)
E02F 5/14 (2006.01)
 (31) 18/310618 (32) 02.05.23 (33) US
 (43) 21.11.2024
 (72) TABUTIN, Simon; LAWSON, Sean D.; GNAGEY, Aaron
 (74) FPA Patent Attorneys Pty Ltd

(71) Centre for Probe Development and Commercialization
 (11) AU-A-2024227706
 (21) 2024227706 (22) 29.10.2024
 (54) Pharmacokinetic enhancements of bi-functional chelates and uses thereof
 (51) Int. Cl.
C07C 229/16 (2006.01)
C07F 7/10 (2006.01)
C07F 19/00 (2006.01)
 (43) 21.11.2024
 (62) 2022221451
 (72) BURAK, Eric Steven; VALLIANT, John Fitzmaurice; MAHONEY, Stuart James; SIMMS, Ryan Wayne; DARWISH, Alla
 (74) Griffith Hack

(71) CFPH, LLC
 (11) AU-A-2024256079
 (21) 2024256079 (22) 31.10.2024
 (54) GAME AT CASH REGISTER
 (51) Int. Cl.
A63F 9/24 (2006.01)
 (43) 21.11.2024
 (62) 2023200700
 (72) Lutnick, Howard W.; Gelman, Geoffrey M.
 (74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd

(71) CFPH, LLC
 (11) AU-A-2024256080
 (21) 2024256080 (22) 31.10.2024
 (54) GAME WITH CHANCE ELEMENT OR EVENT SIMULATION
 (51) Int. Cl.
A63F 9/24 (2006.01)

(43) 21.11.2024
 (62) 2023201567
 (72) Lutnick, Howard W.; Alderucci, Dean P.; Gelman, Geoffrey M.
 (74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd

(71) CHEN, G.
 (11) AU-A-2024227624
 (21) 2024227624 (22) 25.10.2024
 (54) A METHOD OF TRACING OR TRACKING CHANGES IN DATA
 (51) Int. Cl.
G06F 16/22 (2019.01)
G06F 16/11 (2019.01)
G06F 16/16 (2019.01)
G06F 16/23 (2019.01)
 (43) 21.11.2024
 (62) 2019203420
 (72) CHEN, Gang
 (74) Gang Chen

(71) CompoSecure, LLC
 (11) AU-A-2024227703
 (21) 2024227703 (22) 29.10.2024
 (54) RFID device
 (51) Int. Cl.
G06K 19/077 (2006.01)
 (43) 21.11.2024
 (62) 2020282974
 (72) LOWE, Adam
 (74) Oxygene IP

(71) Contemporaneo Pty Ltd
 (11) AU-A-2024202799
 (21) 2024202799 (22) 30.04.2024
 (54) COMPOSTABLE BAG
 (51) Int. Cl.
B65D 65/46 (2006.01)
B32B 5/02 (2006.01)
B32B 27/12 (2006.01)
B32B 27/18 (2006.01)
B32B 27/36 (2006.01)
B32B 37/04 (2006.01)
B65D 33/28 (2006.01)
B65D 85/00 (2006.01)
 (31) 2023901292 (32) 02.05.23 (33) AU
 (43) 21.11.2024
 (72) Black, Ian
 (74) Mann IP

(71) Coolamon Steelworks Pty Ltd
 (11) AU-A-2024227792
 (21) 2024227792 (22) 31.10.2024
 (54) AGRICULTURAL BIN
 (51) Int. Cl.
A01F 25/14 (2006.01)
A01F 25/00 (2006.01)
B60P 1/42 (2006.01)
B65D 88/30 (2006.01)
 (43) 21.11.2024
 (62) 2018214140
 (72) HUTCHEON, Heath John; HUTCHEON, George Bruce
 (74) Griffith Hack

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(71) CORBETT, M.
 (11) AU-A-2024202133
 (21) 2024202133 (22) 03.04.2024
 (54) Wheelchair Gate Access Mechanism
 (51) Int. Cl.
E05B 53/00 (2006.01)
E05B 65/00 (2006.01)
E05C 19/16 (2006.01)
 (31) 799696 (32) 05.05.23 (33) NZ
 (43) 21.11.2024
 (72) CORBETT, Michael
 (74) PIPERS

(71) Cornish, A.
 (11) AU-A-2024236942
 (21) 2024236942 (22) 31.10.2024
 (54) MOVABLE VENTILATION PANEL
 (51) Int. Cl.
A01G 9/02 (2018.01)
A01G 9/12 (2006.01)
A01G 9/24 (2006.01)
B01D 53/84 (2006.01)
F24F 3/16 (2021.01)
 (43) 21.11.2024
 (62) 2018305777
 (72) GAMMON, Jock Thurgood; CORNISH, Adam
 (74) Alder IP Pty Ltd

(71) CRISPR Therapeutics AG
 (11) AU-A-2024259705
 (21) 2024259705 (22) 04.11.2024
 (54) Compositions and methods for gene editing
 (51) Int. Cl.
C12N 15/11 (2006.01)
A61K 31/7088 (2006.01)
 (43) 21.11.2024
 (62) 2018224387
 (72) Lundberg, Ante Sven; Kulkarni, Samarth; Klein, Lawrence; Padmanabhan, Hari Kumar; Aratyn, Yvonne Sarah
 (74) Pearce IP Pty Ltd

Daewon Precision Industrial Co., Ltd see Hyundai Motor Company
 (21) 2024202382

Davidson, R. see Institute of Geological and Nuclear Sciences Limited
 (21) 2024227796

(71) Deciphera Pharmaceuticals, LLC
 (11) AU-A-2024259651
 (21) 2024259651 (22) 31.10.2024
 (54) Ripretinib for treating gastrointestinal stromal tumors
 (51) Int. Cl.
A61K 31/4375 (2006.01)
A61K 45/06 (2006.01)
A61P 35/00 (2006.01)

(43) 21.11.2024
 (62) 2023286024
 (72) SOTO, Rodrigo Ruiz; ROSEN, Oliver; PITMAN, Jama
 (74) Spruson & Ferguson

(71) Deciphera Pharmaceuticals, LLC
 (11) AU-A-2024259742
 (21) 2024259742 (22) 06.11.2024
 (54) Compositions of 1-(4-bromo-5-(1-ethyl-7-(methylamino)-2-oxo-1,2-dihydro-1,6-naphthyridin-3-yl)-2-fluorophenyl)-3-phenylurea
 (51) Int. Cl.
A61K 9/16 (2006.01)
A61K 9/20 (2006.01)
A61K 31/00 (2006.01)
A61K 45/06 (2006.01)
A61P 35/00 (2006.01)
C07C 15/00 (2006.01)
 (43) 21.11.2024
 (62) 2023241368
 (72) KAUFMAN, Michael D.; BONE, Scott; BLOOM, Corey; JORDAN, Fred
 (74) Spruson & Ferguson

(71) DEKA PRODUCTS LIMITED PARTNERSHIP
 (11) AU-A-2024259686
 (21) 2024259686 (22) 01.11.2024
 (54) SYSTEMS, METHODS, AND APPARATUS FOR PRODUCING AND PACKAGING FLUIDS
 (51) Int. Cl.
B65B 3/00 (2006.01)
A61J 1/00 (2023.01)
B65D 75/00 (2006.01)
 (43) 21.11.2024
 (62) 2021387608
 (72) KAMEN, Dean; JOHNSON, Hans; HUGHES, Thaddeus; HAYNES, Michael J.; WOOD, Ryan P.; ANDREWS, Matthew; DUFFY, Sean; PICCIRILLO, Robert; BRADLEY, Margaret Bayne; LAWLER, Robert; HURLEY, Gregory; WALDRON, Keller; DUBE, Jeremy Shane; BIASI, John; TRACEY, Brian; MORGAN, Frederick; NARO, Trevor; LANGENFELD, Christopher; CURTIN, Paul; MOREAU, Timothy; LOPEZ, Manuel; GEIB, Alex Nathaniel; FULTON, Colleen; KILIAN, Donald; TRILLING, Jeremy
 (74) HENRY HUGHES IP LTD

(71) Dexcom, Inc.
 (11) AU-A-2024259696
 (21) 2024259696 (22) 01.11.2024
 (54) Systems and methods for leveraging smartphone features in continuous glucose monitoring
 (51) Int. Cl.
G06F 19/00 (2018.01)
 (43) 21.11.2024
 (62) 2022224705
 (72) MENSINGER, Michael Robert; BHAVARAJU, Naresh C.; BOWMAN, Leif N.; CARLTON, Alexandra Lynn; DERENZY, David; GARCIA, Arturo; GAUBA, In-

drawati; HALL, Ashley; HALL, Thomas; HAMPAPURAM, Hari; KAZALBASH, Murrad; MAHALINGAM, Aarthi; PRYOR, Jack; RACK-GOMER, Anna Leigh; REIHMAN, Eli; SAN VICENTE, Kenneth; SIMPSON, Peter, C.; STEELE, Alexander; VALDES, Jorge; ESTES, Michael J.; COHEN, Eric
 (74) FB Rice Pty Ltd

(71) Digital Diagnostics Inc.
 (11) AU-A-2024227749
 (21) 2024227749 (22) 30.10.2024
 (54) Dynamic adjustment of flash intensity based on retinal pigmentation
 (51) Int. Cl.
A61B 3/10 (2006.01)
 (43) 21.11.2024
 (62) 2021239843
 (72) CLARIDA, Warren James; AMELON, Ryan Earl Rohret; SHAH, Abhay; SUTHER, Jacob Patrick; NIEMEIJER, Meindert; ABRAMOFF, Michael David
 (74) FB Rice Pty Ltd

(71) Dolby International AB
 (11) AU-A-2024227722
 (21) 2024227722 (22) 29.10.2024
 (54) Methods, apparatus and systems for generation, transportation and processing of immediate playout frames (IPFs)
 (51) Int. Cl.
G10L 19/16 (2013.01)
 (43) 21.11.2024
 (62) 2019323625
 (72) FERSCH, Christof; FISCHER, Daniel
 (74) Spruson & Ferguson

(71) Dolby International AB
 (11) AU-A-2024227726
 (21) 2024227726 (22) 29.10.2024
 (54) Backward-compatible integration of high frequency reconstruction techniques for audio signals
 (51) Int. Cl.
G10L 19/02 (2013.01)
G10L 19/00 (2013.01)
G10L 19/16 (2013.01)
H04N 19/00 (2014.01)
 (43) 21.11.2024
 (62) 2024200687
 (72) KJOERLING, Kristofer; VILLEMOS, Lars; PURNHAGEN, Heiko; EKSTRAND, Per
 (74) Spruson & Ferguson

Dolby International AB see Dolby Laboratories Licensing Corporation
 (21) 2024259638

(71) Dolby International AB
 (11) AU-A-2024259729
 (21) 2024259729 (22) 05.11.2024

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(54) Video decoder with reduced dynamic range transform with inverse transform shifting memory
 (51) Int. Cl.
H04N 19/60 (2014.01)
 (43) 21.11.2024
 (62) 2023201244
 (72) Kerofsky, Louis Joseph; Misra, Kiran; Segall, Christopher A.
 (74) Davies Collison Cave Pty Ltd

(71) Dolby Laboratories Licensing Corporation; Dolby International AB
 (11) AU-A-2024259638
 (21) 2024259638 (22) 31.10.2024
 (54) Methods and devices for encoding and/or decoding immersive audio signals
 (51) Int. Cl.
G10L 19/008 (2013.01)
G10L 19/02 (2013.01)
G10L 19/04 (2013.01)
G10L 19/18 (2013.01)
 (43) 21.11.2024
 (62) 2019298240
 (72) MCGRATH, David S.; ECKERT, Michael; PURNHAGEN, Heiko; BRUHN, Stefan
 (74) Spruson & Ferguson

(71) Dyno Nobel Inc.
 (11) AU-A-2024227685
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 (54) Systems for delivering explosives and methods related thereto
 (51) Int. Cl.
F42D 5/06 (2006.01)
F42D 3/04 (2006.01)
 (43) 21.11.2024
 (62) 2022201304
 (72) HALANDER, John B.; KOME, Cornelis L.; NELSON, Casey L.; BRUNER, Jon
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(71) Edwards Lifesciences Corporation
 (11) AU-A-2024227770
 (21) 2024227770 (22) 30.10.2024
 (54) Heart valve sealing devices, delivery devices therefor, and retrieval devices
 (51) Int. Cl.
A61F 2/24 (2006.01)
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 (62) 2023206139
 (72) DIXON, Eric Robert; METCHIK, Asher L.; GOHRES, Rachel Ann; NGUYEN, Tam Van; MONTOYA, Daniel James; KWON, Rhayoung; FRESCHAUF, Lauren R.; STEARNS, Grant Matthew; TYLER II, Gregory Scott; OBERWISE, Eric Michael; FORD, Steven M.
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(71) Eli Lilly and Company
 (11) AU-A-2024227694
 (21) 2024227694 (22) 28.10.2024
 (54) Methods of using a GIP/GLP1 co-agonist for therapy
 (51) Int. Cl.

A61P 1/16 (2006.01)
A61K 38/16 (2006.01)
A61P 3/04 (2006.01)
A61P 3/10 (2006.01)
A61P 9/10 (2006.01)
A61P 13/12 (2006.01)
 (43) 21.11.2024
 (62) 2022291585
 (72) BENSON, Charles T.; HAUPT, Axel; THOMAS, Melissa Kay; URVA, Shweta
 (74) Davies Collison Cave Pty Ltd

(71) Eli Lilly and Company
 (11) AU-A-2024259738
 (21) 2024259738 (22) 05.11.2024
 (54) Oral drug delivery device with expanding arms
 (51) Int. Cl.
A61K 9/00 (2006.01)
A61M 31/00 (2006.01)
 (43) 21.11.2024
 (62) 2021343442
 (72) BALSON, Maria Fernandez-Martos; FORDHAM, Matthew Keith; HORNSBY, Jack Alexander; VASILAKIS, Nikolaos Sotirios; CLARK, Sarah Louise
 (74) Spruson & Ferguson

(71) EOS Defense Systems USA, Inc.
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 (21) 2024259707 (22) 04.11.2024
 (54) Hybrid wireless link employing free-space optical communication, radio frequency communication, and intelligent frame and packet switching
 (51) Int. Cl.
H04B 10/11 (2013.01)
H04B 7/005 (2006.01)
H04B 10/27 (2013.01)
 (43) 21.11.2024
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 (72) STILES, William H.; VALDEZ, Abelino C.; WOLCOTT, Theodore J.
 (74) Michael Buck IP

(71) Equipment Parts Supplies Pty Ltd
 (11) AU-A-2024202721
 (21) 2024202721 (22) 26.04.2024
 (54) A FENCE POST ASSEMBLY WITH AN OPTIONAL ANCHORING DEVICE AND METHOD OF MANUFACTURE THEREOF
 (51) Int. Cl.
E04H 17/02 (2006.01)
E04H 17/20 (2006.01)
E04H 17/22 (2006.01)
 (31) 18/142,646 (32) 03.05.23 (33) US
 18/638,174 17.04.24 US
 (43) 21.11.2024
 (72) Leadbeatter, Phillip
 (74) Alder IP Pty Ltd

(71) Everi Payments, Inc.; Everi Technology Pty Ltd
 (11) AU-A-2024202717
 (21) 2024202717 (22) 26.04.2024

(54) SYSTEM AND METHOD FOR TRACKING ANONYMOUS PATRON GAMING TICKET REDEMPTION
 (51) Int. Cl.
G07F 17/32 (2006.01)
G06Q 50/34 (2012.01)
 (31) 63/463,667 (32) 03.05.23 (33) US
 18/643,745 23.04.24 US
 18/643,623 23.04.24 US
 (43) 21.11.2024
 (72) FONG, Adam; SOUSSA, Andre
 (74) IP Guardian Pty Ltd

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(71) Expedia, Inc.
 (11) AU-A-2023285956
 (21) 2023285956 (22) 22.12.2023
 (54) Multi-model timeseries forecasting of set-level variables
 (51) Int. Cl.
G06N 5/04 (2023.01)
 (31) 63/464,278 (32) 05.05.23 (33) US
 18/527,768 04.12.23 US
 (43) 21.11.2024
 (72) McDONALD, Stephen Andrew; ME-DASANI, Spoorthi; MURALIDHAR, Anirudh Kamalapuram; REUBEN, Andrew Charles
 (74) FB Rice Pty Ltd

(71) F&F Inc.
 (11) AU-A-2024259650
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 (54) Health management system
 (51) Int. Cl.
G16H 50/30 (2018.01)
G16H 10/60 (2018.01)
G16H 20/00 (2018.01)
 (43) 21.11.2024
 (62) 2021430628
 (72) FUJIKAWA, Yoshihiro
 (74) Spruson & Ferguson

(71) Fasteners for Retail, Inc.
 (11) AU-A-2024259687
 (21) 2024259687 (22) 01.11.2024
 (54) ANTI-THEFT DEVICE WITH CABLE ATTACHMENT
 (51) Int. Cl.
G08B 13/14 (2006.01)
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 (62) 2021200780
 (72) EWING, Brent; MAN, Chan Chor
 (74) Baxter Patent Attorneys Pty Ltd

(71) Fibrework Australia Pty Ltd
 (11) AU-A-2024256076
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 (54) A ROOF SPACER
 (51) Int. Cl.
E04D 13/16 (2006.01)
E04D 12/00 (2006.01)

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 (74) Baxter Patent Attorneys Pty Ltd

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 (54) Animal trap
 (51) Int. Cl.
 A01M 23/02 (2006.01)
 A01M 23/08 (2006.01)
 A01M 23/14 (2006.01)

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 (43) 21.11.2024
 (72) DENICOLA, Anthony J
 (74) GLMR

(71) Fisher & Paykel Healthcare Limited
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 (54) HEADGEAR WITH LOCK DISENGAGEMENT MECHANISM
 (51) Int. Cl.
 A61M 16/06 (2006.01)
 F16G 11/10 (2006.01)

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 (62) 2019235660
 (72) MCLAREN, Mark Arvind; HUDDART, Brett John; HAMMER, Jeroen; SLIGHT, Matthew Robert Geoff; KAPELEVICH, Vitaly; FELIX, David Monroy; TOMLINSON, Mark Richard
 (74) AJ PARK

(71) FISHER & PAYKEL HEALTHCARE LIMITED
 (11) AU-A-2024259636
 (21) 2024259636 (22) 31.10.2024
 (54) NASAL SEAL AND RESPIRATORY INTERFACE
 (51) Int. Cl.
 A61M 16/06 (2006.01)
 A62B 18/02 (2006.01)

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 (62) 202224771
 (72) SPEAR, Tony William; BORNHOLDT, Melissa Catherine; HOCKING, Jake Baker; SNG, Jonathan Tong Lok; YOUNG, Jeremy Owen; GARDIOLA, Arvin San Jose; HEFFERNAN, Stephen Francis; LYNCH, Christine Marie; HUANG, Wen Dong
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 (11) AU-A-2024259732
 (21) 2024259732 (22) 05.11.2024
 (54) NASAL SEAL AND RESPIRATORY INTERFACE
 (51) Int. Cl.
 A61M 16/06 (2006.01)
 A62B 18/02 (2006.01)

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 (72) SIEW, Silas Sao Jin; GALGALI, Amit; THOMPSON, Mark Andrew; GRAHAM, Ryan Anthony; SINTIVE, Bruno; ALLAN, Olivia Marie
 (74) AJ PARK

(71) FISHER & PAYKEL HEALTHCARE LIMITED
 (11) AU-A-2024259734
 (21) 2024259734 (22) 05.11.2024
 (54) SYSTEM AND METHOD FOR NON-INVASIVE VENTILATION
 (51) Int. Cl.
 A61M 16/20 (2006.01)
 A61M 16/06 (2006.01)
 A61M 16/08 (2006.01)

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 (72) ZOELLNER, Sascha Kristopher; PRENTICE, Bhavna; NIHOTTE, Joseph Jules; NELSON, Grant Leigh; GORDON, James Alexander; O'NEILL, Brendan
 (74) AJ PARK

(71) FN Herstal S.A.
 (11) AU-A-2024254158
 (21) 2024254158 (22) 31.10.2024
 (54) Machine gun
 (51) Int. Cl.
 F41A 9/32 (2006.01)
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 F42B 39/08 (2006.01)

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 (62) 2018328046
 (72) FRANSSSEN, Pascal Marcel Henri Denis; VERHAEGEN, Damien Nicole Freddy; BECKERS, Robert; MICHOTTE, Paul; GOBBILLE, Antoine
 (74) Spruson & Ferguson

(71) FONTERRA CO-OPERATIVE GROUP LIMITED
 (11) AU-A-2024220187
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 (54) DAIRY FOOD GEL PRODUCTION.
 (51) Int. Cl.
 A23C 9/146 (2006.01)
 A23C 9/142 (2006.01)
 A23C 19/028 (2006.01)
 A23C 19/05 (2006.01)
 A23C 19/068 (2006.01)
 A23C 19/072 (2006.01)
 A23C 19/076 (2006.01)
 A23C 19/09 (2006.01)
 A23C 20/00 (2006.01)
 A23J 1/20 (2006.01)
 A23J 3/08 (2006.01)
 A23L 29/281 (2016.01)

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 (72) ABUSIDOU, Osama Mohammad; FERREIRA, Lilian de Barros; RAMSAY, John Andrew; GANUGAPATI, Vijaya Bhaskar; DAVEY, Simon Craig; TAYLOR, Rachel Maree; IANCHICI, Raul; PHILPOTT, Ashleigh Marie
 (74) FB Rice Pty Ltd

(71) Foundry Therapeutics, Inc.
 (11) AU-A-2024227788
 (21) 2024227788 (22) 31.10.2024
 (54) Implantable polymer depots for the controlled release of therapeutic agents
 (51) Int. Cl.
 A61K 9/70 (2006.01)
 A61K 31/445 (2006.01)
 A61L 27/54 (2006.01)
 A61L 27/58 (2006.01)
 A61P 23/02 (2006.01)
 A61P 25/04 (2006.01)
 A61P 29/00 (2006.01)

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(71) Fraunhofer-Gesellschaft Zur Förderung Der Angewandten Forschung E.V.
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 (54) Implant
 (51) Int. Cl.
 A61F 2/00 (2006.01)
 A61B 5/20 (2006.01)

(43) 21.11.2024
 (62) 2020441598
 (72) RICHTER, Martin; GRÜNERBEL, Lorenz; KIBLER, Sebastian
 (74) GLMR

(71) Fresenius Medical Care Deutschland GmbH
 (11) AU-A-2024259672
 (21) 2024259672 (22) 01.11.2024
 (54) Bag for solid concentrate
 (51) Int. Cl.
 A61M 1/16 (2006.01)
 A61J 1/14 (2023.01)
 A61J 1/10 (2006.01)

(43) 21.11.2024
 (62) 2019389258
 (72) LAFFAY, Philippe; DUMONT D'AYOT, François; RAYMOND, Catherine
 (74) Davies Collison Cave Pty Ltd

(71) FujiClean Co., Ltd.
 (11) AU-A-2024202630
 (21) 2024202630 (22) 23.04.2024
 (54) WASTEWATER TREATMENT APPARATUS, CARTRIDGE AND METHOD OF TAKING THE CARTRIDGE OUT OF THE WASTEWATER TREATMENT APPARATUS
 (51) Int. Cl.
 C02F 1/00 (2023.01)
 C02F 1/50 (2023.01)
 C02F 9/00 (2023.01)

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 (21) 2024227796

(71) Gallagher Group Limited
 (11) AU-A-2024202839
 (21) 2024202839 (22) 30.04.2024
 (54) A Fence Dropper
 (51) Int. Cl.
E04H 17/10 (2006.01)
A01K 3/00 (2006.01)
E04H 17/00 (2006.01)
E04H 17/12 (2006.01)
 (31) 799518 (32) 01.05.23 (33) NZ
 (43) 21.11.2024
 (72) PIPER, Erik John William; WADE, Robert Andrew
 (74) James & Wells Intellectual Property

(71) Genzyme Corporation
 (11) AU-A-2024227766
 (21) 2024227766 (22) 30.10.2024
 (54) Perfusion bioreactor with filtration systems
 (51) Int. Cl.
C12M 1/00 (2006.01)
C12M 1/36 (2006.01)
 (43) 21.11.2024
 (62) 2019262624
 (72) LU, Jiuyi; WALTHER, Jason; WANG, Jonathan; CHEN, Kevin Victor
 (74) Griffith Hack

(71) Gilead Sciences, Inc.; Pulmokine, Inc.
 (11) AU-A-2024259702
 (21) 2024259702 (22) 04.11.2024
 (54) NON-SELECTIVE KINASE INHIBITORS
 (51) Int. Cl.
A61K 31/136 (2006.01)
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 (62) 2023201605
 (72) Zisman, Lawrence S.
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) Globeride, Inc.
 (11) AU-A-2024201970
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 (54) FISHING REEL
 (51) Int. Cl.
A01K 89/01 (2006.01)
A01K 89/0155 (2006.01)
A01K 89/033 (2006.01)
 (31) 2023-075608 (32) 01.05.23 (33) JP
 (43) 21.11.2024
 (72) IRIE, Koki
 (74) Griffith Hack

(71) Gomez, D.
 (11) AU-A-2024259703

(21) 2024259703 (22) 04.11.2024
 (54) BI-WING ARM SUPPORT SYSTEM
 (51) Int. Cl.
A61G 13/00 (2006.01)
A61G 7/00 (2006.01)
A61G 7/002 (2006.01)
A61G 7/005 (2006.01)
A61G 7/10 (2006.01)
A61G 13/10 (2006.01)
A61G 13/12 (2006.01)

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 (62) 2019216336
 (72) GOMEZ J, David
 (74) Griffith Hack

(71) GOOGLE LLC
 (11) AU-A-2024227782
 (21) 2024227782 (22) 31.10.2024
 (54) QUANTUM DATA PROCESSING SYSTEM
 (51) Int. Cl.
G06N 10/60 (2022.01)
G06N 3/04 (2023.01)
 (43) 21.11.2024
 (62) 2022264769
 (72) MCCLEAN, Jarrod Ryan
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) Graco Minnesota Inc.
 (11) AU-A-2024227720
 (21) 2024227720 (22) 29.10.2024
 (54) Dispensing meter for fluid dispensing
 (51) Int. Cl.
B67D 7/16 (2010.01)
B67D 7/36 (2010.01)
B67D 7/42 (2010.01)
 (43) 21.11.2024
 (62) 2018240380
 (72) BLOOM, Michael E.; BAUCK, Mark L.; EBBEN, James R.; HIGHLAND, Glenn E.; KAHLER, Bradley G.; KUSCHEL, Anthony J.; LORDEN, David J.; NORMAN, Shane A.; PAAR, Benjamin J.
 (74) Spruson & Ferguson

(71) Graco Minnesota Inc.
 (11) AU-A-2024227721
 (21) 2024227721 (22) 29.10.2024
 (54) Dispensing meter for fluid dispensing
 (51) Int. Cl.
B67D 7/16 (2010.01)
B67D 7/36 (2010.01)
B67D 7/42 (2010.01)
 (43) 21.11.2024
 (62) 2018240380
 (72) BLOOM, Michael E.; BAUCK, Mark L.; EBBEN, James R.; HIGHLAND, Glenn E.; KAHLER, Bradley G.; KUSCHEL, Anthony J.; LORDEN, David J.; NORMAN, Shane A.; PAAR, Benjamin J.
 (74) Spruson & Ferguson

(71) Gritstone Bio, Inc.
 (11) AU-A-2024259755
 (21) 2024259755 (22) 06.11.2024
 (54) Viral delivery of neoantigens

(51) Int. Cl.
A61K 31/404 (2006.01)
A61K 31/7088 (2006.01)
A61K 39/00 (2006.01)
A61K 39/395 (2006.01)
A61K 45/06 (2006.01)
C12N 7/00 (2006.01)

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 (62) 2017363308
 (72) BLAIR, Wade; BULIK-SULLIVAN, Brendan; BUSBY, Jennifer; DERTI, Adnan; GITLIN, Leonid; GROTENBREG, Gijssbert; JOOSS, Karin; SCALLAN, Ciaran Daniel; YELENSKY, Roman
 (74) FB Rice Pty Ltd

(71) GrowSafe Systems Ltd.
 (11) AU-A-2024227773
 (21) 2024227773 (22) 30.10.2024
 (54) System and method for determining animal behavioral phenotypes
 (51) Int. Cl.
G06Q 10/04 (2023.01)
A01K 13/00 (2006.01)
A01K 67/00 (2006.01)
G06Q 50/02 (2012.01)
G16B 20/00 (2019.01)

(43) 21.11.2024
 (62) 2019235531
 (72) HUISMA, Camiel; SUNSTRUM, Alison
 (74) Oxygene IP

(71) Hayward Industries, Inc.
 (11) AU-A-2024227736
 (21) 2024227736 (22) 30.10.2024
 (54) Systems and methods for providing network connectivity and remote monitoring, optimization, and control of pool/spa equipment
 (51) Int. Cl.
G05B 15/02 (2006.01)
 (43) 21.11.2024
 (62) 2019215036
 (72) POTUCEK, Kevin; MURDOCK, James; CARTER, James; FOURNIER, Gregory; JOHNSON III, Arthur W.; DENKEWICZ, Ray; BLAINE, David; DEBRUIN, Jason; WILLIS, Vance; AUBREY, Bruce; PETTY, Scott; PARCELL, Jason; SAWYER JR., Douglas; WISEMAN, Kristopher Robert; HORROCKS, Craig
 (74) Davies Collison Cave Pty Ltd

(71) HEFEI TG IMMUNOPHARMA CO., LTD.
 (11) AU-A-2024202640
 (21) 2024202640 (22) 23.04.2024
 (54) Mica Antibody with Affinity Maturation 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)
 (31) 202310509684.7 (32) 06.05.23 (33) CN

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 (72) CAO, Guoshuai; CHENG, Ying; LI, Yangyang; WU, Yuwei
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(71) Heraeus Medical GmbH
 (11) AU-A-2024202757
 (21) 2024202757 (22) 27.04.2024
 (54) DEVICE FOR DISPENSING BONE CEMENT BY MEANS OF SURGICAL ROBOTS
 (51) Int. Cl.
A61B 17/58 (2006.01)
B01F 35/22 (2022.01)
 (31) 23171441.1 (32) 04.05.23 (33) EM
 (43) 21.11.2024
 (72) VOGT, Sebastian; KLUGE, Thomas
 (74) Davies Collison Cave Pty Ltd

(71) Heraeus Medical GmbH
 (11) AU-A-2024202758
 (21) 2024202758 (22) 27.04.2024
 (54) DEVICE FOR PREPARING AND DISPENSING ACTIVE INGREDIENT SOLUTIONS
 (51) Int. Cl.
A61M 3/02 (2006.01)
A61L 2/18 (2006.01)
 (31) 23171450.2 (32) 04.05.23 (33) EM
 (43) 21.11.2024
 (72) VOGT, Sebastian; KLUGE, Thomas
 (74) Davies Collison Cave Pty Ltd

(71) HG Partners, LLC
 (11) AU-A-2024227747
 (21) 2024227747 (22) 30.10.2024
 (54) CONTINUOUS-WAVE RADAR SYSTEM FOR DETECTING FERROUS AND NON-FERROUS METALS IN SALTWATER ENVIRONMENTS
 (51) Int. Cl.
G01V 9/00 (2006.01)
B63B 21/20 (2006.01)
B63B 21/56 (2006.01)
B63B 35/00 (2020.01)
G01S 7/04 (2006.01)
G01S 13/32 (2006.01)
G01S 13/89 (2006.01)
 (43) 21.11.2024
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 (72) FONTS, Carlos Alberto; FONTS, Carlos Ernesto; O'HAIR, Mark Allen; O'HAIR, John Richard; RANDALL, Richard Dolan
 (74) Collison & Co

(71) Hill's Pet Nutrition, Inc.
 (11) AU-A-2024227693
 (21) 2024227693 (22) 28.10.2024
 (54) Methods, kits and compositions for diagnosing and treating renal disease
 (51) Int. Cl.
G01N 33/68 (2006.01)

(43) 21.11.2024
 (62) 2019479586
 (72) BADRI, Dayakar; JEWELL, Dennis
 (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD

(71) HILL'S PET NUTRITION, INC.
 (11) AU-A-2024227687
 (21) 2024227687 (22) 28.10.2024
 (54) PET FOOD COMPOSITIONS
 (51) Int. Cl.
A23K 10/30 (2016.01)
A23K 20/158 (2016.01)
A23K 20/163 (2016.01)
A23K 50/42 (2016.01)
 (43) 21.11.2024
 (62) 2021362679
 (72) BADRI, Dayakar; JEWELL, Dennis
 (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD

(71) Holobiome, Inc.
 (11) AU-A-2024219909
 (21) 2024219909 (22) 20.09.2024
 (54) Modulation of the gut microbiome to treat mental disorders or diseases of the central nervous system
 (51) Int. Cl.
A61K 35/74 (2015.01)
A61K 35/742 (2015.01)
A61K 35/745 (2015.01)
A61P 25/00 (2006.01)
A61P 25/18 (2006.01)
A61P 25/22 (2006.01)
A61P 25/24 (2006.01)
A61P 43/00 (2006.01)
 (43) 21.11.2024
 (62) 2017234120
 (72) Strandwitz, Philip; Lewis, Kim
 (74) Davies Collison Cave Pty Ltd

(71) Huawei Technologies Co., Ltd.
 (11) AU-A-2024259666
 (21) 2024259666 (22) 01.11.2024
 (54) PPDU TRANSMISSION METHOD AND RELATED APPARATUS
 (51) Int. Cl.
H04L 25/02 (2006.01)
 (43) 21.11.2024
 (62) 2021284567
 (72) Yu, Jian; Tsodik, Genadiy; Shilo, Shimon; Gan, Ming
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Hyundai Motor Company; Kia Corporation; Daewon Precision Industrial Co., Ltd
 (11) AU-A-2024202382
 (21) 2024202382 (22) 11.04.2024
 (54) Seatback restraint device for vehicle
 (51) Int. Cl.
B60N 2/06 (2006.01)
B60N 2/30 (2006.01)
B60N 2/36 (2006.01)
 (31) 10-2023-0058466 (32) 04.05.23 (33) KR

(43) 21.11.2024
 (72) Choe, Seung Chan; Chang, Hong Sik; Ko, Hyun; You, Jung Sang; Kang, Hyo Cheol; Seo, Yeong Hoon; Shin, Yun Ho; Sim, Jae Won
 (74) IP SOLVED (ANZ) PTY. LTD.

(71) Ichnos Sciences SA
 (11) AU-A-2024259643
 (21) 2024259643 (22) 31.10.2024
 (54) Methods of inactivating viral contaminants
 (51) Int. Cl.
C07K 16/00 (2006.01)
A61K 39/395 (2006.01)
A61K 41/00 (2020.01)
 (43) 21.11.2024
 (62) 2021209148
 (72) ABRANTES, Filipa; LETESTU, Sonia; CAHUZAC, Laure; DUARTE, Lionel
 (74) FPA Patent Attorneys Pty Ltd

(71) IDEAL SANITARY WARE CO., LTD.
 (11) AU-A-2023432026
 (21) 2023432026 (22) 08.05.2023
 (54) TWO-WAY BUFFER
 (51) Int. Cl.
E05F 5/06 (2006.01)
E05F 5/08 (2006.01)
E05F 5/10 (2006.01)
 (43) 21.11.2024
 (72) WEI, Wuxiang
 (74) Baxter Patent Attorneys Pty Ltd

(71) IGT
 (11) AU-A-2024259744
 (21) 2024259744 (22) 06.11.2024
 (54) SYSTEM AND METHOD FOR FACILITATING A VIRTUAL CASINO FLOOR HAVING DIFFERENT PARAMETERS
 (51) Int. Cl.
G07F 17/32 (2006.01)
A63F 13/30 (2014.01)
A63F 13/79 (2014.01)
 (43) 21.11.2024
 (62) 2019201120
 (72) Cohen, Charles
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Illinois Tool Works Inc.
 (11) AU-A-2024202792
 (21) 2024202792 (22) 30.04.2024
 (54) A plate member and retaining for anchoring perforated brace bands and method of manufacture
 (51) Int. Cl.
E04B 1/58 (2006.01)
B21D 22/00 (2006.01)
B21D 53/36 (2006.01)
E04C 3/02 (2006.01)
F16B 2/06 (2006.01)
F16B 5/02 (2006.01)
 (31) EP23171066.6 (32) 02.05.23 (33) EP
 EP24170599.5 16.04.24 EP

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 (72) FRIIS BUHL, Morten; MELGAARD ERIKSEN, Amalie
 (74) Davies Collison Cave Pty Ltd
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- (71) Illinois Tool Works Inc.
 (11) AU-A-2024259664
 (21) 2024259664 (22) 01.11.2024
 (54) Threaded fastener
 (51) Int. Cl.
F16B 35/06 (2006.01)
F16B 25/00 (2006.01)
- (43) 21.11.2024
 (62) 2018331268
 (72) TRUONG, Victor; DILL, Michael C.; GONG, Yongping; LATZ, Mark D.
 (74) Davies Collison Cave Pty Ltd
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 (11) AU-A-2024227729
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 (54) NOVEL T CELL RECEPTORS AND IMMUNE THERAPY USING THE SAME
 (51) Int. Cl.
C07K 14/725 (2006.01)
A61K 39/00 (2006.01)
C07K 14/47 (2006.01)
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 (62) 2021203099
 (72) Alten, Leonie; Bunk, Sebastian; Maurer, Dominik; Wagner, Claudia
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- (71) Imtrade Australia Pty Ltd
 (11) AU-A-2024202940
 (21) 2024202940 (22) 03.05.2024
 (54) Butafenacil formulation
 (51) Int. Cl.
A01N 43/54 (2006.01)
A01N 25/02 (2006.01)
A01N 25/30 (2006.01)
A01P 13/00 (2006.01)
- (31) 2023901362 (32) 05.05.23 (33) AU
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 (72) RAINBIRD, Ross Melville; MCPHEE, Neil John
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- (71) Imtrade Australia Pty Ltd
 (11) AU-A-2024202942
 (21) 2024202942 (22) 03.05.2024
 (54) Pesticide formulation comprising Bifen-thrin
 (51) Int. Cl.
A01N 53/00 (2006.01)
A01N 25/02 (2006.01)
A01N 25/04 (2006.01)
A01N 25/30 (2006.01)
A01N 43/30 (2006.01)
A01N 43/80 (2006.01)
A01P 1/00 (2006.01)
A01P 7/00 (2006.01)
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 (72) RAINBIRD, Ross; MCPHEE, Neil
 (74) Spruson & Ferguson

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 (21) 2024202943 (22) 03.05.2024
 (54) Pesticide formulation
 (51) Int. Cl.
A01N 43/30 (2006.01)
A01N 25/04 (2006.01)
A01N 25/30 (2006.01)
A01P 7/00 (2006.01)
A01N 43/40 (2006.01)
A01N 43/56 (2006.01)
A01N 43/707 (2006.01)
A01N 43/90 (2006.01)
A01N 47/02 (2006.01)
A01N 47/06 (2006.01)
A01N 47/24 (2006.01)
A01N 47/38 (2006.01)
A01N 47/40 (2006.01)
A01N 51/00 (2006.01)
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 (43) 21.11.2024
 (72) MCPHEE, Neil; RAINBIRD, Ross Melville
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- (71) INOSYSTEMS
 (11) AU-A-2024202457
 (21) 2024202457 (22) 16.04.2024
 (54) APPARATUS FOR DELIVERING GASEOUS NITRIC OXIDE IN PROPORTIONAL OR PULSED MODE
 (51) Int. Cl.
A61M 16/10 (2006.01)
A61M 16/20 (2006.01)
G05D 7/06 (2006.01)
- (31) 2304471 (32) 04.05.23 (33) FR
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 (72) Marchal, Frederic; Boulanger, Thierry; Blandin, Yann; Schmitt, Mary
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- (71) Insilicotrials Technologies S.r.l.
 (11) AU-A-2024259683
 (21) 2024259683 (22) 01.11.2024
 (54) Method and system for computational modeling and simulation of the operation and/or behavior of medical devices which are implantable or usable on patients
 (51) Int. Cl.
G16H 50/50 (2018.01)
- (43) 21.11.2024
 (62) 2019244686
 (72) EMILI, Luca; BARETTA, Alessia; CARBONE, Vincenzo; LUCANO, Elena; PALAZZIN, Alberto
 (74) Murray Trento & Associates Pty Ltd
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 (11) AU-A-2024259684
 (21) 2024259684 (22) 01.11.2024
 (54) Method and system for computational modeling and simulation applied to drug characterization and/or optimization
 (51) Int. Cl.
G16H 50/50 (2018.01)
G16C 20/70 (2019.01)

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 (72) EMILI, Luca; BURSI, Roberta; BAR-ETTA, Alessia; PALAZZIN, Alberto
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 (11) AU-A-2024227796
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 (54) Ion beam sputtering apparatus and method
 (51) Int. Cl.
C23C 14/46 (2006.01)
C23C 14/04 (2006.01)
H01J 37/34 (2006.01)
- (43) 21.11.2024
 (62) 2018391532
 (72) FUTTER, Richard John; DAVIDSON, Ryan James; LEVENEUR, Jerome; KENNEDY, John Vedamuthu
 (74) AJ PARK
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 (11) AU-A-2024227724
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 (54) Non-volatile analog resistive memory cells implementing ferroelectric select transistors
 (51) Int. Cl.
G11C 11/22 (2006.01)
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 (62) 2021395683
 (72) GONG, Nanbo; ANDO, Takashi
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- (71) Itron, Inc.
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 (54) Hierarchical update and configuration of software for networked communication devices using multicast
 (51) Int. Cl.
G06F 8/65 (2018.01)
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 (72) WOODLAND, Bernard M.; COLLINS, Scott M.
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A61K 31/519 (2006.01)
A61K 9/10 (2006.01)
A61P 25/18 (2006.01)
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 (72) GOPAL, Srihari; RAVENSTIJN, Paulien Gerarda Maria; RUSSU, Alberto; SAMTANI, Mahesh Narain
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 (54) SOLID WASTE REMEDIATION PROCESS
 (51) Int. Cl.
B09B 3/80 (2022.01)
B01D 5/00 (2006.01)
B01D 11/02 (2006.01)
B01D 33/01 (2006.01)
B09C 1/02 (2006.01)
B09B 101/45 (2022.01)
B09B 101/50 (2022.01)
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 (72) BALBACHEVSKY, Pedro; JORDEN, Vagner
 (74) MINTER ELLISON

(71) Johnson & Johnson Consumer Inc.
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 (21) 2024227686 (22) 28.10.2024
 (54) Perforated capsules
 (51) Int. Cl.
A61K 9/00 (2006.01)
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A61K 9/48 (2006.01)
A61K 9/50 (2006.01)
A61K 31/045 (2006.01)
A61K 31/167 (2006.01)
 (43) 21.11.2024
 (62) 2019208501
 (72) BAGCHI, Saumitra; MCNALLY, Gerard P.
 (74) Spruson & Ferguson

(71) JPL Global, LLC
 (11) AU-A-2024259731
 (21) 2024259731 (22) 05.11.2024
 (54) Circular saw apparatus with integrated multistage filtration system
 (51) Int. Cl.
B27B 5/00 (2006.01)
B23D 47/00 (2006.01)
B23Q 11/02 (2006.01)
B27B 5/29 (2006.01)
 (43) 21.11.2024
 (62) 2022201839
 (72) Guth, Paul W.
 (74) FB Rice Pty Ltd

(71) KABUSHIKI KAISHA TOSHIBA
 (11) AU-A-2024259720
 (21) 2024259720 (22) 04.11.2024
 (54) Dynamic Image Decoding Device
 (51) Int. Cl.
H04N 19/46 (2014.01)
 (43) 21.11.2024
 (62) 2023214292
 (72) ASAKA, Saori; CHUJOH, Takeshi; TANIZAWA, Akiyuki; YASUDA, Goki; WADA, Naofumi; WATANABE, Takashi
 (74) Griffith Hack

(71) Keyte, L.; Lloyd, R.; Boral IP Holdings (Australia) PTY Limited
 (11) AU-A-2024227718
 (21) 2024227718 (22) 29.10.2024
 (54) Methods for producing a cement composition
 (51) Int. Cl.
C04B 28/04 (2006.01)
B28C 7/02 (2006.01)
C04B 14/06 (2006.01)
C04B 18/14 (2006.01)
C04B 22/08 (2006.01)
C04B 22/12 (2006.01)
C04B 24/12 (2006.01)
C04B 40/00 (2006.01)
C04B 103/10 (2006.01)
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 (43) 21.11.2024
 (62) 2017436163
 (72) LLOYD, Redmond Richard; KEYTE, Louise Margaret
 (74) Davies Collison Cave Pty Ltd

Kia Corporation see Hyundai Motor Company
 (21) 2024202382

Kite Pharma, Inc. see The United States of America, as represented by the Secretary, Department of Health and Human Service
 (21) 2024227781

(71) KLEIN, A.
 (11) AU-A-2024202922
 (21) 2024202922 (22) 02.05.2024
 (54) NIGHT VISION APPARATUS AND BRIDGE MOUNT THEREFOR
 (51) Int. Cl.
A42B 3/04 (2006.01)
A42B 3/22 (2006.01)
G02B 23/12 (2006.01)
 (31) 63/464276 (32) 05.05.23 (33) US
 (43) 21.11.2024
 (72) KLEIN, Avner
 (74) Patent Attorney Services

(71) Knappco, LLC
 (11) AU-A-2024259648
 (21) 2024259648 (22) 31.10.2024
 (54) Control systems for liquid product delivery vehicles
 (51) Int. Cl.
B67D 7/34 (2010.01)

B67D 7/36 (2010.01)
 (43) 21.11.2024
 (62) 2018347983
 (72) DUDLEY, Mark; BJORNEBO, Erik; ROBINSON, Randy
 (74) Spruson & Ferguson

(71) Kymab Limited
 (11) AU-A-2024227793
 (21) 2024227793 (22) 31.10.2024
 (54) Antibodies, uses & methods
 (51) Int. Cl.
C07K 16/00 (2006.01)
A61K 39/395 (2006.01)
C07K 16/28 (2006.01)
 (43) 21.11.2024
 (62) 2020294247
 (72) Campbell, Jamie; Holmes, Steve; Kirby, Ian; Kosmac, Miha
 (74) Davies Collison Cave Pty Ltd

(71) Lashify, Inc.
 (11) AU-A-2024227789
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 (54) Applicators and cases for artificial lash extensions
 (51) Int. Cl.
A41G 5/02 (2006.01)
A45D 26/00 (2006.01)
B25B 9/02 (2006.01)
 (43) 21.11.2024
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 (72) LOTTI, Sahara
 (74) Spruson & Ferguson

(71) LG Electronics Inc.
 (11) AU-A-2024259679
 (21) 2024259679 (22) 01.11.2024
 (54) Induction heating device and method for controlling induction heating device
 (51) Int. Cl.
H05B 6/06 (2006.01)
H02M 7/5387 (2007.01)
H05B 6/04 (2006.01)
 (43) 21.11.2024
 (62) 2021268495
 (72) JEONG, Sihoon; KANG, Kyelyong; KIM, Hanna
 (74) Dentons Patent Attorneys Australasia Limited

(71) Light Field Lab, Inc.
 (11) AU-A-2024259739
 (21) 2024259739 (22) 05.11.2024
 (54) SYSTEMS AND METHODS FOR DIRECTING MULTIPLE 4D ENERGY FIELDS
 (51) Int. Cl.
G02B 6/08 (2006.01)
G02B 27/09 (2006.01)
 (43) 21.11.2024
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 (72) KARAFIN, Jonathan Sean; BEVENSEE, Brendan Elwood
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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(11) AU-A-2024227707
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(54) METHODS FOR THE REDUCTION OF METHANE PRODUCTION IN RUMINANTS

(51) Int. Cl.
A23K 10/18 (2016.01)
A61K 36/062 (2006.01)
C12N 9/08 (2006.01)

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(62) 2022317557
(72) CHAUDHURY, Abed; PACO, Karen; AYLIFFE, Michael Anthony; LOAN, Thomas David; LUO, Ming; YANG, Tristan

(74) SOUTHERN CROSS INTELLECTUAL PROPERTY PTY LTD

(71) LOCKHEED MARTIN CORPORATION
(11) AU-A-2024202159
(21) 2024202159 (22) 04.04.2024
(54) UNMANNED AERIAL VEHICLE WING PYLON SYSTEM

(51) Int. Cl.
B64U 10/25 (2023.01)
B64D 37/04 (2006.01)
B64U 30/14 (2023.01)
B64U 30/16 (2023.01)

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(43) 21.11.2024
(72) GAMBLE, DUSTIN ELI
(74) RnB IP Pty Ltd

(71) Marius Pharmaceuticals LLC
(11) AU-A-2024227786
(21) 2024227786 (22) 31.10.2024
(54) Preferred oral testosterone undecanoate therapy to achieve testosterone replacement treatment

(51) Int. Cl.
A61K 31/568 (2006.01)
A61K 47/14 (2017.01)
A61P 5/26 (2006.01)

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(62) 2022277557
(72) DHINGRA, Om; BERNSTEIN, James S.
(74) Spruson & Ferguson

(71) Melbourne Health
(11) AU-A-2024227453
(21) 2024227453 (22) 18.10.2024
(54) Methods and compositions for the treatment of hepatitis b infection

(51) Int. Cl.
C07K 7/00 (2006.01)
C07K 7/64 (2006.01)
C07K 14/02 (2006.01)
C07K 17/00 (2006.01)
C07K 19/00 (2006.01)

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(62) 2019267680
(72) WALSH, Renae; LOCARNINI, Stephen; NETTER, Hans; FARQUHAR, Ronald
(74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

(71) MELOOR PTY LTD
(11) AU-A-2023202776
(21) 2023202776 (22) 04.05.2023
(54) METHOD FOR RECYCLING PAINT COATED PLASTIC WASTE

(51) Int. Cl.
B29B 17/02 (2006.01)
B29B 17/04 (2006.01)
B29C 45/00 (2006.01)
B09B 101/75 (2022.01)
B29L 31/00 (2006.01)

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(72) Kent, Royston
(74) Michael Buck IP

(71) Merlo Project S.r.l.
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(54) A LIFTING VEHICLE WITH TILTING CAB

(51) Int. Cl.
B66C 13/54 (2006.01)
B66F 9/065 (2006.01)
B66F 9/075 (2006.01)
B66F 9/22 (2006.01)
B66F 11/04 (2006.01)

(31) 10202300008667 (32) 03.05.23 (33) IT
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(72) Contessini, Felice
(74) PHILLIPS ORMONDE FITZPATRICK

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(11) AU-A-2024202954
(21) 2024202954 (22) 03.05.2024
(54) A FORMULATION WITH IMPROVED BIOAVAILABILITY

(51) Int. Cl.
A61K 31/165 (2006.01)
A61K 9/14 (2006.01)
A61K 9/16 (2006.01)
A61K 47/02 (2006.01)
A61K 47/20 (2006.01)
A61K 47/22 (2006.01)
A61K 47/26 (2006.01)
A61K 47/32 (2006.01)

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(72) WANG, Hui-Chen; HSU, Chia-Yu; LI-AW, Ling-Ying
(74) AJ PARK

(71) MolecuLight Inc.
(11) AU-A-2024246902
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(54) Wound imaging and analysis
(51) Int. Cl.
G16H 50/20 (2018.01)
A61B 5/00 (2006.01)
G06T 5/00 (2006.01)

G06T 7/62 (2017.01)
G16H 30/40 (2018.01)
A61B 6/00 (2006.01)
A61B 10/02 (2006.01)

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(74) FB Rice Pty Ltd

(71) Mollick, P.
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(54) THERAPEUTIC TREATMENT FOR THE CORONAVIRUS DISEASE COVID-19
(51) Int. Cl.
A61K 36/28 (2006.01)
A61K 36/40 (2006.01)
A61K 36/48 (2006.01)

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(72) MOLLICK, Peter J.
(74) Peter Joseph Mollick

(71) Multibar Pty Ltd
(11) AU-A-2024202905
(21) 2024202905 (22) 02.05.2024
(54) Wheelbarrow tow attachment
(51) Int. Cl.
B62B 5/00 (2006.01)
B62B 1/20 (2006.01)
B62B 1/26 (2006.01)
B60D 1/00 (2006.01)
B60D 1/66 (2006.01)

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(43) 21.11.2024
(72) HARDIE, Mark; CAMPBELL, Alistair
(74) Spruson & Ferguson

(71) NetScout Systems, Inc.
(11) AU-A-2024201299
(21) 2024201299 (22) 27.02.2024
(54) Smart cluster load balancing
(51) Int. Cl.
H04L 12/02 (2006.01)
H04L 45/02 (2022.01)
H04L 47/00 (2022.01)

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63/464,408 05.05.23 US
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(72) SINGHAL, Anil; BYRAPURAM, Narendra; PHARANDE, Prashant; NADKARNI, Rajeev; YI, Ah Htwe
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(71) Nokia Technologies Oy
(11) AU-A-2024227771
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(54) Method for video coding and an apparatus
(51) Int. Cl.
G06T 9/00 (2006.01)

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 (72) BICI, Mehmet Oguz; LAINEMA, Jani; UGUR, Kemal
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 (54) Methods of making chimeric antigen receptor-expressing cells
 (51) Int. Cl.
C12N 5/00 (2006.01)
C07K 14/725 (2006.01)
C12N 5/0783 (2010.01)
A61K 39/00 (2006.01)
 (43) 21.11.2024
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 (72) BEDOYA, Felipe; GHASSEMI, Saba; JUNE, Carl H.; LEVINE, Bruce L.; MELENHORST, Jan J.; MILONE, Michael C.; POWELL Jr., Daniel J.; ZHENG, Zoe
 (74) Davies Collison Cave Pty Ltd

(71) Novartis AG
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A61K 9/20 (2006.01)
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 (72) Gururajan, Bindhumadhavan; Grandeury, Arnaud; Costa, Rui
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(71) ORPHALAN
 (11) AU-A-2024227767
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 (54) CRYSTALLINE FORM OF TRIETHYLENETETRAMINE TETRAHYDROCHLORIDE AND ITS PHARMACEUTICAL USE
 (51) Int. Cl.
C07C 211/14 (2006.01)
A61K 31/132 (2006.01)
A61P 1/16 (2006.01)
A61P 25/00 (2006.01)
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 (72) MORLEY, Timothy James; LAWRENCE, Ronnie Maxwell; AMIN, Naseem
 (74) Davies Collison Cave Pty Ltd

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(71) Oxford University Innovation Limited
 (11) AU-A-2024227680
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 (54) IMMUNOGENIC COMPOSITION
 (51) Int. Cl.

C07K 16/08 (2006.01)
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 (62) 2017315238
 (72) Thompson, Craig; Gupta, Sunetra
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) OZX IP Pty Ltd
 (11) AU-A-2024259701
 (21) 2024259701 (22) 01.11.2024
 (54) Weight management system for a towed vehicle
 (51) Int. Cl.
B60D 1/24 (2006.01)
B60D 1/14 (2006.01)
B60D 1/58 (2006.01)
B60P 3/36 (2006.01)
B60R 9/00 (2006.01)
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 (72) HUETT, Andrew; KAPTAN, Senol
 (74) mdp Patent and Trade Mark Attorneys

(71) Parting Stone, Inc.
 (11) AU-A-2024259639
 (21) 2024259639 (22) 31.10.2024
 (54) Methods to solidify cremation remains
 (51) Int. Cl.
A61G 17/08 (2006.01)
A61G 17/00 (2006.01)
A61G 17/007 (2006.01)
A61G 99/00 (2006.01)
B09B 3/00 (2022.01)
E04H 13/00 (2006.01)
 (43) 21.11.2024
 (62) 2020265889
 (72) CROWE, Justin D.
 (74) Spruson & Ferguson

(71) PELL BIO-MED TECHNOLOGY CO., LTD.
 (11) AU-A-2024202689
 (21) 2024202689 (22) 24.04.2024
 (54) MURINE ANTI-CD19 CHIMERIC ANTIGEN RECEPTOR FOR TREATING CANCER
 (51) Int. Cl.
C07K 16/28 (2006.01)
A61K 35/17 (2015.01)
C07K 14/705 (2006.01)
C07K 14/725 (2006.01)
C12N 5/0783 (2010.01)
C12N 5/10 (2006.01)
 (31) 18/311409 (32) 03.05.23 (33) US
 (43) 21.11.2024
 (72) LIN, Chen-Lung
 (74) AJ PARK

(71) pH Pharma Co., Ltd.
 (11) AU-A-2024227697
 (21) 2024227697 (22) 28.10.2024
 (54) Use of neutrophil elastase inhibitors in liver disease
 (51) Int. Cl.
C07D 239/70 (2006.01)
C07D 401/10 (2006.01)

C07D 403/10 (2006.01)
 (43) 21.11.2024
 (62) 2019257632
 (72) SATYAL, Sanjeev; ROBERTS, Brian; WANG, Xueyan; SAVAGE, Scott; HUH, Hoyoung
 (74) Davies Collison Cave Pty Ltd

(71) Pioneer Surgical Technology, Inc.
 (11) AU-A-2024259716
 (21) 2024259716 (22) 04.11.2024
 (54) INTERVERTEBRAL IMPLANT INSERTER TOOL
 (51) Int. Cl.
A61B 17/70 (2006.01)
A61F 2/44 (2006.01)
A61F 2/46 (2006.01)
 (43) 21.11.2024
 (62) 2020303561
 (72) Gephart, Matthew P.; Kakuk, Michael D.; Stilwell, Emily; Trudeau, Jeffrey L.
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) President and Fellows of Harvard College
 (11) AU-A-2024219447
 (21) 2024219447 (22) 06.09.2024
 (54) NUCLEOBASE EDITORS AND USES THEREOF
 (51) Int. Cl.
C12N 15/10 (2006.01)
C07K 14/32 (2006.01)
C12N 9/22 (2006.01)
C12N 9/78 (2006.01)
C12N 15/90 (2006.01)
 (43) 21.11.2024
 (62) 2022204298
 (72) Liu, David R.; Komor, Alexis Christine; Rees, Holly A.; Kim, Yongjoo
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) President and Fellows of Harvard College
 (11) AU-A-2024227690
 (21) 2024227690 (22) 28.10.2024
 (54) Orthogonal cas9 proteins for RNA-guided gene regulation and editing
 (51) Int. Cl.
C12N 15/63 (2006.01)
A61K 48/00 (2006.01)
C07H 21/04 (2006.01)
C12P 19/34 (2006.01)
 (43) 21.11.2024
 (62) 2021273624
 (72) CHURCH, George M.; ESVELT, Kevin; MALI, Prashant
 (74) Davies Collison Cave Pty Ltd

(71) Pryzm Health IQ Pty Ltd
 (11) AU-A-2024227708
 (21) 2024227708 (22) 29.10.2024
 (54) Visualising Clinical and Disease Data
 (51) Int. Cl.
G16B 45/00 (2019.01)

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(62) 2018201783
(72) GROZA, Tudor
(74) FB Rice Pty Ltd

(71) Psykinetic Pty Ltd
(11) AU-A-2024259670
(21) 2024259670 (22) 01.11.2024
(54) Eye-typing method, system and computer readable medium
(51) Int. Cl.
G06F 3/01 (2006.01)

(43) 21.11.2024
(62) 2019210707
(72) NGUYEN, Jordan Son; TEMPLE, Nicholas John
(74) Davies Collison Cave Pty Ltd

Pulmokine, Inc. see Gilead Sciences, Inc.
(21) 2024259702

(71) Quixotic Labs Inc.
(11) AU-A-2024259647
(21) 2024259647 (22) 31.10.2024
(54) DOMAIN-SPECIFIC LANGUAGE INTERPRETER AND INTERACTIVE VISUAL INTERFACE FOR RAPID SCREENING

(51) Int. Cl.
G06F 9/451 (2018.01)
G06F 16/954 (2019.01)
G06F 16/957 (2019.01)
G06F 40/58 (2020.01)

(43) 21.11.2024
(62) 2021281120
(72) ITANI, Sara
(74) GIRL FRIDAY IP PTY LTD

(71) RAI Strategic Holdings, Inc.
(11) AU-A-2024259765
(21) 2024259765 (22) 06.11.2024
(54) Electronically heated heat-not-burn smoking article

(51) Int. Cl.
A24F 47/00 (2020.01)

(43) 21.11.2024
(62) 2019229890
(72) SUR, Rajesh; WILBERDING, Kathryn Lynn; SEBASTIAN, Andries; SEARS, Stephen Benson; THOMAS, Timothy Frederick; HUBBARD, Sawyer; CONNER, Billy Tyrone
(74) FB Rice Pty Ltd

(71) Regeneron Pharmaceuticals, Inc.; Yale University; Institute for Research in Biomedicine (IRB)

(11) AU-A-2024227499
(21) 2024227499 (22) 21.10.2024
(54) Genetically modified non-human animals expressing human EPO

(51) Int. Cl.
A01K 67/027 (2006.01)
A61K 49/00 (2006.01)
C07K 14/47 (2006.01)
C07K 14/505 (2006.01)

C07K 14/52 (2006.01)
C07K 14/535 (2006.01)
C07K 14/54 (2006.01)
C07K 14/715 (2006.01)
C12N 7/00 (2006.01)
C12N 9/00 (2006.01)
G01N 33/50 (2006.01)

(43) 21.11.2024
(62) 2021286279
(72) MURPHY, Andrew J.; STEVENS, Sean; FLAVELL, Richard; MANZ, Markus; SHAN, Liang
(74) Davies Collison Cave Pty Ltd

(71) Research Development Foundation
(11) AU-A-2024259693
(21) 2024259693 (22) 01.11.2024
(54) Chimeric immunogenic polypeptides
(51) Int. Cl.

C07K 14/00 (2006.01)
C07K 16/00 (2006.01)

(43) 21.11.2024
(62) 2019311181
(72) MCBRIDE, Jere W.; WALKER, David H.
(74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

(71) ResMed Pty Ltd
(11) AU-A-2024259668
(21) 2024259668 (22) 01.11.2024
(54) HEADGEAR TUBING FOR A PATIENT INTERFACE

(51) Int. Cl.
A61M 16/06 (2006.01)
A61M 16/08 (2006.01)

(43) 21.11.2024
(62) 2023202241
(72) BARLOW, Adam Francis; BRAUND, David James; CHAN, Andrew; FORMICA, Justin John; RUMMERY, Gerard Michael; WELLS, Matthew Robin; WATSON, Paul Derrick
(74) Halfords IP

(71) Rust-Oleum Corporation
(11) AU-A-2024259649
(21) 2024259649 (22) 31.10.2024
(54) Propellantless aerosol system

(51) Int. Cl.
B65D 83/16 (2006.01)

(43) 21.11.2024
(62) 2022204247
(72) MORRISON, Adam P.; MARKLE, Kelly A.
(74) Spruson & Ferguson

(71) Rutgers, The State University of New Jersey

(11) AU-A-2024259674
(21) 2024259674 (22) 01.11.2024
(54) Polymer-based railroad tie having enhanced ballast interaction

(51) Int. Cl.
E01B 3/44 (2006.01)
E01B 3/46 (2006.01)
E01B 13/00 (2006.01)

(43) 21.11.2024
(62) 2018362234
(72) NOSKER, Thomas J.; TEWATIA, Arya Singh
(74) Griffith Hack

(71) RxSafe LLC
(11) AU-A-2024256075
(21) 2024256075 (22) 31.10.2024
(54) AUTOMATIC PACKAGER FOR PHARMACEUTICALS AND METHOD OF OPERATING THE SAME

(51) Int. Cl.
G06Q 50/00 (2012.01)

(43) 21.11.2024
(62) 2019247418
(72) HOLMES, William K.
(74) Griffith Hack

(71) Sage Products LLC
(11) AU-A-2024227760
(21) 2024227760 (22) 30.10.2024
(54) Fecal collection systems and methods
(51) Int. Cl.
A61F 5/443 (2006.01)
A61F 5/451 (2006.01)

(43) 21.11.2024
(62) 2021261028
(72) SEXTON, Kristin M.; BOULOS, Catherine S.; ECKLUND, Brian J.
(74) Davies Collison Cave Pty Ltd

(71) Salesforce, Inc.
(11) AU-A-2024259657
(21) 2024259657 (22) 31.10.2024
(54) Application builder
(51) Int. Cl.
G06F 9/451 (2018.01)
G06F 3/048 (2013.01)

(43) 21.11.2024
(62) 2019236632
(72) JACOBSON, Eric; GONZALEZ, Michael; CHO, Wayne; VARADARAJAN, Adheip; VOLLMER, John; SNYDER, Benjamin
(74) Spruson & Ferguson

(71) Sandvik Mining and Construction Australia (Production/Supply) Pty Ltd; Sandvik Mining and Construction Tools AB

(11) AU-A-2024227692
(21) 2024227692 (22) 28.10.2024
(54) ROCK BOLT WITH INFORMATION DISPLAY REGION

(51) Int. Cl.
E21D 21/00 (2006.01)

(43) 21.11.2024
(62) 2019324575
(72) Rataj, Mięczyslaw; Weaver, Steven; Darlington, Bradley; Young, Peter; Roach, Warren
(74) PHILLIPS ORMONDE FITZPATRICK

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Sandvik Mining and Construction Tools AB see Sandvik Mining and Construction Australia (Production/Supply) Pty Ltd
(21) 2024227692

(71) SAS Systems Pty Ltd
(11) AU-A-2024227775
(21) 2024227775 **(22)** 30.10.2024
(54) IMPROVEMENTS IN SNAP FIT POSTS FOR FENCE PANELS BALUSTRADES AND THE LIKE
(51) Int. Cl.
E04H 17/14 (2006.01)
E04F 11/18 (2006.01)
E04H 17/00 (2006.01)
E04H 17/20 (2006.01)
(43) 21.11.2024
(62) 2023216886
(72) Thomas, Leslie James
(74) Ahearn Fox

(71) SCHELD, D.
(11) AU-A-2024256085
(21) 2024256085 **(22)** 31.10.2024
(54) Method for Capturing and Subsequently Generating Data for a User of a Self-Service Terminal
(51) Int. Cl.
G06F 21/32 (2013.01)
G06F 21/34 (2013.01)
(43) 21.11.2024
(62) 2018437224
(72) SCHELD, Daniel
(74) Denneweyer & Associates

(71) Schneider Electric Industries SAS
(11) AU-A-2024202796
(21) 2024202796 **(22)** 30.04.2024
(54) COMMUNICATING ARRANGEMENT FOR FISHBONE BUSBAR ASSEMBLY
(51) Int. Cl.
H02J 50/80 (2016.01)
H02J 3/00 (2006.01)
H02J 13/00 (2006.01)
(31) 202331031445 **(32)** 03.05.23 **(33)** IN
(43) 21.11.2024
(72) Paramatmuni, Prasant; Tellicherry Madhusoodanan, Vimal Adithiya; Sridhara Sadashivappa, Karthik; Nellira, Sajjan Muthanna
(74) Madderns Pty Ltd

(71) Schneider Electric Systems USA, Inc.
(11) AU-A-2023214338
(21) 2023214338 **(22)** 11.08.2023
(54) OPTIMIZED PLANT OPERATING REGION AND ALARM LIMIT ADVISORY
(51) Int. Cl.
G05B 13/04 (2006.01)
G05B 17/00 (2006.01)
G05B 23/00 (2006.01)
(31) 202311031193 **(32)** 02.05.23 **(33)** IN
(43) 21.11.2024
(72) Selvaraj, Sundaramoorthiraj; Kabade, Prashant; Damodaran, Prem Krishnan
(74) RnB IP Pty Ltd

(71) Seagen Inc.; Bristol-Myers Squibb Company
(11) AU-A-2024227762
(21) 2024227762 **(22)** 30.10.2024
(54) USE OF AN ANTI-PD-1 ANTIBODY IN COMBINATION WITH AN ANTI-CD30 ANTIBODY IN LYMPHOMA TREATMENT
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/00 (2006.01)
(43) 21.11.2024
(62) 2017274444
(72) Farsaci, Benedetto; Josephson, Neil; Cao, Anthony; Heiser, Ryan
(74) AJ PARK

(71) SEKISUI HOUSE, LTD.
(11) AU-A-2023258328
(21) 2023258328 **(22)** 02.05.2023
(54) EXTERIOR WALL STRUCTURE AND BUILDING INCLUDING EXTERIOR WALL STRUCTURE
(51) Int. Cl.
E04D 13/14 (2006.01)
E04B 7/02 (2006.01)
E04F 13/08 (2006.01)
(43) 21.11.2024
(72) UTSUNOMIYA Shinji; YAMAGUCHI Hiroki
(74) James & Wells Intellectual Property

(71) Service Stream Maintenance Pty Ltd
(11) AU-A-2023202769
(21) 2023202769 **(22)** 03.05.2023
(54) Safety system
(51) Int. Cl.
E04G 21/32 (2006.01)
E04H 12/00 (2006.01)
H01Q 1/00 (2006.01)
(43) 21.11.2024
(72) MARTIN, Michael Bruce
(74) FB Rice Pty Ltd

(71) Shenzhen Shuye Technology Co., Ltd.
(11) AU-A-2024202811
(21) 2024202811 **(22)** 30.04.2024
(54) HOLDER ASSEMBLY FOR ELECTRIC TOOTHBRUSH AND ELECTRIC TOOTHBRUSH
(51) Int. Cl.
A47K 1/09 (2006.01)
A61C 17/34 (2006.01)
(31) 2023105117769 **(32)** 06.05.23 **(33)** CN
(43) 21.11.2024
(72) Ye, Hongxin; Wang, Zisheng; Xiao, Meiliang
(74) Remarkable IP

(71) SOAPERY PTY LTD
(11) AU-A-2023225233
(21) 2023225233 **(22)** 04.09.2023
(54) A SHOWER HEAD ATTACHMENT
(51) Int. Cl.
B05B 7/24 (2006.01)
A47K 3/28 (2006.01)
B05B 1/18 (2006.01)

E03C 1/04 (2006.01)
E03C 1/046 (2006.01)
(31) 2023901290 **(32)** 02.05.23 **(33)** AU
(43) 21.11.2024
(72) HAWKSBY, Raphael
(74) Baxter Patent Attorneys Pty Ltd

(71) Société des Produits Nestlé S.A.
(11) AU-A-2024259652
(21) 2024259652 **(22)** 31.10.2024
(54) Foodstuff products, ingredients, processes and uses
(51) Int. Cl.
A23G 1/32 (2006.01)
A23G 1/48 (2006.01)
(43) 21.11.2024
(62) 2018382579
(72) Vieira, Josélio, Batista; KUSCHEL, Beatrice; FESTRING, Daniel
(74) Spruson & Ferguson

(71) Société des Produits Nestlé S.A.
(11) AU-A-2024259764
(21) 2024259764 **(22)** 06.11.2024
(54) Chocolate products, ingredients, processes and uses
(51) Int. Cl.
A23G 1/32 (2006.01)
A23G 1/00 (2006.01)
A23G 1/48 (2006.01)
(43) 21.11.2024
(62) 2019216458
(72) FESTRING, Daniel; KUSCHEL, Beatrice; Vieira, Josélio Batista
(74) Spruson & Ferguson

(71) Spectrum Brands, Inc.
(11) AU-A-2024202798
(21) 2024202798 **(22)** 30.04.2024
(54) Diffuser attachment for air-moving appliance
(51) Int. Cl.
A45D 20/12 (2006.01)
A45D 20/04 (2006.01)
B05B 1/14 (2006.01)
(31) 18/141,899 **(32)** 01.05.23 **(33)** US
(43) 21.11.2024
(72) KOEBLER, Rachel; KUZIA, Jay William; DEGROOD, Michael John; MCDONALD, Alan T.
(74) GLMR

(71) STELLING, E.
(11) AU-A-2024202955
(21) 2024202955 **(22)** 03.05.2024
(54) WINDOW JAMB
(51) Int. Cl.
E06B 1/18 (2006.01)
E06B 1/16 (2006.01)
E06B 1/34 (2006.01)
E06B 1/36 (2006.01)
E06B 1/60 (2006.01)
(31) 2023901360 **(32)** 05.05.23 **(33)** AU
(43) 21.11.2024
(72) STELLING, Edward Perry
(74) Patent Attorney Services

Applications Open to Public Inspection - Name Index cont'd

(71) Sterlite Technologies Limited
 (11) AU-A-2024202778
 (21) 2024202778 (22) 29.04.2024
 (54) OPTICAL FIBER CABLE WITH EMBEDDED STRENGTH MEMBERS
 (51) Int. Cl.
H01B 7/17 (2006.01)
 (31) 202311031709 (32) 04.05.23 (33) IN
 (43) 21.11.2024
 (72) SINGH, SOURABH; SHUKLA, VIKASH
 (74) LAMINAR IP PTY LTD

(71) Sterlite Technologies Limited
 (11) AU-A-2024202779
 (21) 2024202779 (22) 29.04.2024
 (54) OPTICAL FIBER CABLE WITH ENHANCED WATER PROTECTION
 (51) Int. Cl.
C03C 25/305 (2018.01)
C03C 25/104 (2018.01)
C03C 25/12 (2006.01)
 (31) 202311032005 (32) 05.05.23 (33) IN
 (43) 21.11.2024
 (72) BALAKRISHNAN, JITENDRA; NATH, APARNA
 (74) LAMINAR IP PTY LTD

(71) Stewart, T.
 (11) AU-A-2024202676
 (21) 2024202676 (22) 24.04.2024
 (54) Mobile dispersing bin gravity fed
 (51) Int. Cl.
B60P 1/42 (2006.01)
A01C 15/00 (2006.01)
A01C 15/12 (2006.01)
A01D 41/12 (2006.01)
B65D 88/32 (2006.01)
B65D 88/54 (2006.01)
B65D 90/58 (2006.01)
B65G 15/30 (2006.01)
B65G 19/04 (2006.01)
B65G 33/14 (2006.01)
A01D 90/10 (2006.01)
B60P 1/56 (2006.01)
 (31) 2023901278 (32) 01.05.23 (33) AU
 (43) 21.11.2024
 (72) Stewart, Timothy
 (74) Timothy Charles Stewart

(71) sticky.io, Inc.
 (11) AU-A-2024259689
 (21) 2024259689 (22) 01.11.2024
 (54) Method and system for interacting with an entity
 (51) Int. Cl.
G06F 15/16 (2006.01)
 (43) 21.11.2024
 (62) 2018431386
 (72) BOGOSIAN, Brian; HUANG, Clark; SHOOLERY, Justin
 (74) Davies Collison Cave Pty Ltd

(71) STRONG FORCE VCN PORTFOLIO 2019, LLC
 (11) AU-A-2024220200
 (21) 2024220200 (22) 25.04.2024

(54) SYSTEMS, METHODS, KITS, AND APPARATUS FOR GENERATIVE ARTIFICIAL INTELLIGENCE, GRAPHICAL NEURAL NETWORKS, TRANSFORMER MODELS, AND CONVERGING TECHNOLOGY STACKS IN VALUE CHAIN NETWORKS.
 (51) Int. Cl.
G06Q 30/00 (2023.01)
G06F 16/00 (2019.01)
 (31) 63/461,805 (32) 25.04.23 (33) US
 63/535,748 31.08.23 US
 63/610,894 15.12.23 US
 63/621,549 16.01.24 US
 63/625,597 26.01.24 US
 (43) 21.11.2024
 (72) CELLA, Charles H.; BUNIN, Andrew; CARDNO, Andrew; DOBROWITSKY, Joshua; EL-TAHRY, Teymour S.; FORTIN JR., Leon; LOCKE, Andrew; MOHR, Henry; PARENTI, Jenna; ROGOSIN, Nicholas; STEIN, David; VETTER, Eric P.
 (74) ET Intellectual Property

(71) STRONG FORCE VCN PORTFOLIO 2019, LLC
 (11) AU-A-2024220201
 (21) 2024220201 (22) 08.05.2024
 (54) SYSTEMS, METHODS, KITS, AND APPARATUS FOR DIGITAL PRODUCT NETWORKS IN VALUE CHAIN NETWORKS
 (51) Int. Cl.
G06Q 10/06 (2023.01)
G06N 3/08 (2023.01)
G06N 20/20 (2019.01)
G06Q 10/04 (2023.01)
G06Q 10/0633 (2023.01)
G06Q 10/0635 (2023.01)
G06Q 10/08 (2023.01)
G06Q 10/0833 (2023.01)
G06Q 10/087 (2023.01)
G06Q 10/10 (2023.01)
G06Q 30/01 (2023.01)
G06Q 30/02 (2023.01)
G06Q 30/0202 (2023.01)
G06Q 30/06 (2023.01)
G06Q 30/0601 (2023.01)
G06Q 40/08 (2012.01)
G06Q 40/12 (2023.01)
G16Y 30/00 (2020.01)
G16Y 40/10 (2020.01)
G16Y 40/20 (2020.01)
G16Y 40/40 (2020.01)
G16Y 40/60 (2020.01)
H04L 9/00 (2022.01)

(31) 63/464,845 (32) 08.05.23 (33) US
 63/535,748 31.08.23 US
 63/610,894 15.12.23 US
 63/621,549 16.01.24 US
 63/625,597 26.01.24 US
 63/638,590 25.04.24 US
 (43) 21.11.2024
 (72) CELLA, Charles H.; LOCKE, Andrew; EL-TAHRY, Teymour S.; PARENTI, Jenna; STEIN, David; FORTIN JR., Leon
 (74) ET Intellectual Property

(71) StubHub, Inc.
 (11) AU-A-2024256084
 (21) 2024256084 (22) 31.10.2024
 (54) System and methods for negotiating ticket transfer
 (51) Int. Cl.
G06Q 10/02 (2012.01)
 (43) 21.11.2024
 (62) 2021232606
 (72) BADIGANNAVAR, Vijet Siddalinga
 (74) FPA Patent Attorneys Pty Ltd

(71) Talis Clinical LLC
 (11) AU-A-2024259694
 (21) 2024259694 (22) 01.11.2024
 (54) Continuous Improvement Tool
 (51) Int. Cl.
G16H 10/60 (2018.01)
A61B 5/024 (2006.01)
G16H 15/00 (2018.01)
G16H 50/20 (2018.01)
 (43) 21.11.2024
 (62) 2019205361
 (72) Colister, Gary; Magdalla, Bishoy; Saracino, Giuseppe; Murphy, William; Le-camwasam, Harish
 (74) Michael Buck IP

(71) Taylor-Listug, Inc. D/B/A Taylor Guitars
 (11) AU-A-2024256090
 (21) 2024256090 (22) 31.10.2024
 (54) SADDLE AND BRIDGE FOR REDUCING LONGITUDINAL WAVES IN A STRING INSTRUMENT
 (51) Int. Cl.
G10D 3/04 (2020.01)
G10D 1/08 (2006.01)
 (43) 21.11.2024
 (62) 2020318991
 (72) POWERS, Andrew Taylor
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) Tencent America LLC
 (11) AU-A-2024241581
 (21) 2024241581 (22) 31.10.2024
 (54) METHOD AND APPARATUS FOR REDUCING CONTEXT MODELS FOR ENTROPY CODING OF TRANSFORM COEFFICIENT SIGNIFICANT FLAG
 (51) Int. Cl.
H03M 7/00 (2006.01)
 (43) 21.11.2024
 (62) 2023202653
 (72) Auyeung, Cheung; Zhao, Xin; Li, Xiang; Liu, Shan
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) The Board of Trustees of The Leland Stanford Junior University
 (11) AU-A-2024227723
 (21) 2024227723 (22) 29.10.2024
 (54) Antigen discovery for T cell receptors isolated from patient tumors recognizing wild-type antigens and potent peptide mimotopes
 (51) Int. Cl.

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C12N 15/09 (2006.01)
(43) 21.11.2024
(62) 2018239437
(72) Gee, Marvin; Davis, Mark M.; Han, Arnold; Garcia, Kenan Christopher
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
-
- (71)** The Board of Trustees of the University of Illinois; University of Iowa Research Foundation
(11) AU-A-2024259758
(21) 2024259758 **(22)** 06.11.2024
(54) Genotype-agnostic rescue of cystic fibrosis with small molecule bicarbonate channels
(51) Int. Cl.
A61K 45/06 (2006.01)
(43) 21.11.2024
(62) 2018348214
(72) BURKE, Martin, D.; MURAGLIA, Katrina, A.; CHORGHADE, Rajeev, S.; WELSH, Michael, J.
(74) FB Rice Pty Ltd
-
- (71)** The Boeing Company
(11) AU-A-2024201311
(21) 2024201311 **(22)** 27.02.2024
(54) Computer-implemented automatic annotation of a lidar point cloud
(51) Int. Cl.
G06T 7/11 (2017.01)
G01S 17/933 (2020.01)
G06V 10/764 (2022.01)
G06V 10/82 (2022.01)
(31) 18/312,895 **(32)** 05.05.23 **(33)** US
(43) 21.11.2024
(72) ALONAZI, Amani; ERIGNAC, Charles A.
(74) Spruson & Ferguson
-
- (71)** The Cleveland Clinic Foundation
(11) AU-A-2024259754
(21) 2024259754 **(22)** 06.11.2024
(54) ADVANCED CARDIAC WAVEFORM ANALYTICS
(51) Int. Cl.
G16H 50/20 (2018.01)
A61B 5/00 (2006.01)
A61B 5/316 (2021.01)
A61B 5/349 (2021.01)
(43) 21.11.2024
(62) 2023200857
(72) CANTILLON, Daniel J.
(74) DAVIS IP PTY LTD
-
- (71)** The NOCO Company
(11) AU-A-2024259667
(21) 2024259667 **(22)** 01.11.2024
(54) Portable or hand held vehicle battery jump starting apparatus with battery cell equalization circuit
(51) Int. Cl.
H02J 7/04 (2006.01)

- (43)** 21.11.2024
(62) 2023248179
(72) Stanfield, James Richard; Nook, Jonathan Lewis; Nook, William Knight; Underhill, Derek Michael; Agrawal, Nitish
(74) Griffith Hack
-
- The Trustees of the University of Pennsylvania see Novartis AG**
(21) 2024227744
-
- (71)** The United States of America, as represented by the Secretary, Department of Health & Human Services
(11) AU-A-2024227758
(21) 2024227758 **(22)** 30.10.2024
(54) USING MACHINE LEARNING AND/OR NEURAL NETWORKS TO VALIDATE STEM CELLS AND THEIR DERIVATIVES FOR USE IN CELL THERAPY, DRUG DISCOVERY, AND DIAGNOSTICS
(51) Int. Cl.
G06V 20/69 (2022.01)
G01N 15/1429 (2024.01)
G06F 18/214 (2023.01)
G06T 7/00 (2017.01)
G06V 10/82 (2022.01)
(43) 21.11.2024
(62) 2019236297
(72) BHARTI, Kapil; HOTALING, Nathan A.; SCHAUB, Nicholas J.; SIMON, Carl G.
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
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- (71)** The United States of America, as Represented by the Secretary, Department of Health & Human Services
(11) AU-A-2024259653
(21) 2024259653 **(22)** 31.10.2024
(54) Surgical tool and method for ocular tissue transplantation
(51) Int. Cl.
A61F 9/00 (2006.01)
(43) 21.11.2024
(62) 2022203098
(72) MAMINISHKIS, Arvydas
(74) Spruson & Ferguson
-
- (71)** The United States of America, as represented by the Secretary, Department of Health and Human Service; Kite Pharma, Inc.
(11) AU-A-2024227781
(21) 2024227781 **(22)** 31.10.2024
(54) METHODS OF PREPARING T CELLS FOR T CELL THERAPY
(51) Int. Cl.
A61K 31/436 (2006.01)
C12N 5/078 (2010.01)
C12N 5/0783 (2010.01)

- (43)** 21.11.2024
(62) 2022209271
(72) PEREZ, Arianne; SABATINO, Marianna; ROSENBERG, Steven A.; RES-TIFO, Nicholas P.
(74) AJ PARK
-
- (71)** The United States of America, as represented by the Secretary of Agriculture
(11) AU-A-2024216539
(21) 2024216539 **(22)** 02.09.2024
(54) Plants with Increased Photorespiration Efficiency
(51) Int. Cl.
C12N 15/82 (2006.01)
(43) 21.11.2024
(62) 2018230756
(72) Ort, Donald R.; South, Paul F.; Walker, Berkley
(74) Chrysiliou IP
-
- (71)** Thomson Reuters Enterprise Centre GmbH
(11) AU-A-2024256077
(21) 2024256077 **(22)** 31.10.2024
(54) SYSTEMS AND METHODS FOR AIDING TAX COMPLIANCE
(51) Int. Cl.
G06Q 20/00 (2012.01)
(43) 21.11.2024
(62) 2022279549
(72) WEST, Jon; MCINTRYE, Irish
(74) WRAYS PTY LTD
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- (71)** Toy, C.
(11) AU-A-2024201827
(21) 2024201827 **(22)** 20.03.2024
(54) A MODULAR WATER FILTRATION SYSTEM
(51) Int. Cl.
B01D 29/56 (2006.01)
B01D 29/31 (2006.01)
B01D 27/14 (2006.01)
(31) 2023901289 **(32)** 02.05.23 **(33)** AU
(43) 21.11.2024
(72) Toy, Christopher
(74) Wrays Pty Ltd
-
- (71)** Transportation IP Holdings, LLC
(11) AU-A-2024259715
(21) 2024259715 **(22)** 04.11.2024
(54) VEHICLE BRAKE CONTROL SYSTEM AND METHOD
(51) Int. Cl.
B60T 17/22 (2006.01)
B60Q 1/26 (2006.01)
B60T 13/66 (2006.01)
(43) 21.11.2024
(62) 2022203924
(72) Muthusami, Srivallidevi; Natarajan, Mahesh Babu
(74) K&L Gates

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(21) 2024259750

(71) Turncare, Inc.
(11) AU-A-2024227414
(21) 2024227414 (22) 17.10.2024
(54) INFLATABLE PERFUSION ENHANCEMENT APPARATUSES AND ASSOCIATED DEVICES, SYSTEMS AND METHODS
(51) Int. Cl.
A47C 27/10 (2006.01)
A61G 7/057 (2006.01)
(43) 21.11.2024
(62) 2019237526
(72) SQUITIERI, Rafael Paolo; DEUTSCH, Robert Charles; FRAZIER, Steven Bruce; LOIACONO, Robert; SEAMAN, Linda; KELLY, Erica
(74) RnB IP Pty Ltd

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(21) 2024259758

(71) University of Pittsburgh - Of the Commonwealth System of Higher Education; Carnegie Mellon University
(11) AU-A-2024256083
(21) 2024256083 (22) 31.10.2024
(54) MICRONEEDLE ARRAYS FOR CANCER THERAPY APPLICATIONS
(51) Int. Cl.
A61M 37/00 (2006.01)
(43) 21.11.2024
(62) 2022209350
(72) Falo Jr., Louis D; Erdos, Geza; Ozdoganlar, O. Burak
(74) PHILLIPS ORMONDE FITZPATRICK

(71) UPL Limited
(11) AU-A-2024259726
(21) 2024259726 (22) 05.11.2024
(54) A method for controlling rust
(51) Int. Cl.
A01N 37/44 (2006.01)
A01N 37/34 (2006.01)
A01N 43/54 (2006.01)
A01N 43/653 (2006.01)
A01P 3/00 (2006.01)
(43) 21.11.2024
(62) 2022263578
(72) OLIVEIRA, Gilson Aparecido Herme-negildo de; SHROFF, Jaidev Rajnikant; SHROFF, Vikram Rajnikant
(74) Spruson & Ferguson

(71) Veltek Associates, Inc.
(11) AU-A-2024259752
(21) 2024259752 (22) 06.11.2024
(54) Portable cleanroom printing cabinet
(51) Int. Cl.
B41J 29/377 (2006.01)
B65H 31/00 (2006.01)

(43) 21.11.2024
(62) 2022205235
(72) VELLUTATO JR., Arthur L.
(74) FPA Patent Attorneys Pty Ltd

(71) VERSUNI HOLDING B.V.
(11) AU-A-2024205596
(21) 2024205596 (22) 29.03.2024
(54) COOKING APPLIANCE COMPRISING VIEWING WINDOW AND IMAGE SENSOR FOR CAPTURING IMAGES THROUGH THE VIEWING WINDOW
(51) Int. Cl.
A47J 27/00 (2006.01)
A47J 36/00 (2006.01)
A47J 37/00 (2006.01)
F24C 7/08 (2006.01)
F24C 15/32 (2006.01)
(31) 23172123.4 (32) 08.05.23 (33) EP
(43) 21.11.2024
(72) WEISS, Sascha
(74) FB Rice Pty Ltd

(71) Viking Therapeutics, Inc.
(11) AU-A-2024256089
(21) 2024256089 (22) 31.10.2024
(54) Crystalline forms and methods of producing crystalline forms of a compound
(51) Int. Cl.
C07F 9/6571 (2006.01)
A61K 31/683 (2006.01)
(43) 21.11.2024
(62) 2019238090
(72) LIAN, Brian; MASAMUNE, Hiroko; BARKER, Geoffrey
(74) Davies Collison Cave Pty Ltd

(71) VMI HOLLAND B.V.
(11) AU-A-2024227716
(21) 2024227716 (22) 29.10.2024
(54) Method and packaging device for packaging discrete medicaments in pouches
(51) Int. Cl.
B65B 9/093 (2012.01)
B65B 57/02 (2006.01)
B65B 61/00 (2006.01)
B65B 61/02 (2006.01)
B65B 61/26 (2006.01)
(43) 21.11.2024
(62) 2022297182
(72) BRAKKEE, Martinus Johannes Donatus; VAN ROON, Peter; WIJNIA, Aalf; SPIJKERBOER, Henk Jan; JO-CHEMSEN, Cornelis Jan; ROEST, Martijn
(74) Griffith Hack

(71) VOLVO AUTONOMOUS SOLUTIONS AB
(11) AU-A-2024202470
(21) 2024202470 (22) 16.04.2024
(54) Efficient trajectory planning for a fleet of vehicles
(51) Int. Cl.
G06Q 10/047 (2023.01)
B60W 30/08 (2012.01)
B60W 40/04 (2006.01)

B60W 60/00 (2020.01)
G05D 1/00 (2006.01)
G06Q 50/40 (2024.01)
(31) 23171302.5 (32) 03.05.23 (33) EP
(43) 21.11.2024
(72) Kojchev, Stefan; Hult, Robert; Kneissl, Maximilian
(74) Griffith Hack

(71) Vorwerk & Co. Interholding GmbH
(11) AU-A-2024202360
(21) 2024202360 (22) 11.04.2024
(54) System with thermometer and container for charging the rechargeable battery of the thermometer, and use
(51) Int. Cl.
G01K 1/14 (2021.01)
H01M 10/052 (2010.01)
H01M 10/30 (2006.01)
(31) 23171518.6 (32) 04.05.23 (33) EP
(43) 21.11.2024
(72) Stein, Matthias; Buggeln, Christoph; Seydel, Leon; Kielmann, Philipp
(74) FPA Patent Attorneys Pty Ltd

(71) VusionGroup GmbH
(11) AU-A-2024259678
(21) 2024259678 (22) 01.11.2024
(54) RADIO BASE STATION FOR COMBINED RADIO COMMUNICATION
(51) Int. Cl.
H04B 1/40 (2015.01)
G09F 3/20 (2006.01)
H04W 72/12 (2023.01)
H04W 88/10 (2009.01)
(43) 21.11.2024
(62) 2018446354
(72) RÖSSL, Andreas; HECHENBLAICKNER, Andreas; MOM, Danijel
(74) Collison & Co

(71) VYPEX PTY LTD
(11) AU-A-2024227650
(21) 2024227650 (22) 24.04.2024
(54) DEVICES AND METHODS FOR OBJECT LOCATION IDENTIFICATION
(51) Int. Cl.
H04W 4/029 (2018.01)
G01C 21/20 (2006.01)
G01S 5/02 (2010.01)
G01S 19/34 (2010.01)
G01S 19/42 (2010.01)
H04W 24/02 (2009.01)
(31) 2023901347 (32) 04.05.23 (33) AU
(43) 21.11.2024
(72) CATTERMOLE, James Angus; DREW, Bart James; NICHOLLS, Benjamin; COETZEE, Vaughn
(74) FB Rice Pty Ltd

(71) Weatherford Technology Holdings, LLC
(11) AU-A-2024259691
(21) 2024259691 (22) 01.11.2024
(54) Apparatus And Methods For Tong Operation
(51) Int. Cl.
E21B 19/16 (2006.01)

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- (43) 21.11.2024
 (62) 2018321276
 (72) ZIMBELMANN, Georg; CLASEN, Ditmar; THIEMANN, Bjoern
 (74) WRAYS PTY LTD
- (31) 202310513197.8 (32) 05.05.23 (33) CN
 (43) 21.11.2024
 (72) REN, Jialin; HUANG, Chuqi; ZHAO, Yixuan; FENG, Zhimin
 (74) Griffith Hack

- (71) West Virginia University Board of Governors on behalf of West Virginia University
 (11) AU-A-2024259709
 (21) 2024259709 (22) 04.11.2024
 (54) PREDICTING WELLNESS OF A USER WITH MONITORING FROM PORTABLE MONITORING DEVICES
 (51) Int. Cl.
A61B 5/00 (2006.01)
- (43) 21.11.2024
 (62) 2021244627
 (72) REZAI, Ali; FINOMORE, Victor; D'HAESE, Pierre; MARSH, Clay
 (74) James & Wells Intellectual Property

- (71) Wonderland Switzerland AG
 (11) AU-A-2024227785
 (21) 2024227785 (22) 31.10.2024
 (54) SUPPORT PLATE AND CARRYCOT USING THE SAME
 (51) Int. Cl.
A47D 13/02 (2006.01)
B62B 7/14 (2006.01)
- (43) 21.11.2024
 (62) 2021211194
 (72) XIAO, Xiaohong; SHEN, Xianchen
 (74) James & Wells Intellectual Property

- Yale University see Regeneron Pharmaceuticals, Inc.**
 (21) 2024227499

- (71) Yaramen Pty Ltd
 (11) AU-A-2024202580
 (21) 2024202580 (22) 20.03.2024
 (54) Pilot avoidance camera
 (51) Int. Cl.
B64D 47/08 (2006.01)
G08B 21/02 (2006.01)
G08B 21/18 (2006.01)
G08G 5/00 (2006.01)
- (31) 2023900765 (32) 20.03.23 (33) AU
 (43) 21.11.2024
 (72) WEBB, Eric
 (74) Spruson & Ferguson

- (71) ZHEJIANG HUAYOU COBALT CO., LTD.
 (11) AU-A-2023433482
 (21) 2023433482 (22) 30.08.2023
 (54) CONTROLLED OXIDATION HIGH PRESSURE ACID LEACHING PROCESS FOR LATERITE NICKEL ORE, LEACHATE, AND APPLICATION OF BIOMASS
 (51) Int. Cl.
C22B 1/00 (2006.01)
C22B 3/04 (2006.01)
C22B 23/00 (2006.01)

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2023202693	ASEPSIS PTY. LTD.	2024220200	STRONG FORCE VCN PORTFOLIO 2019, LLC
2023202769	Service Stream Maintenance Pty Ltd	2024220201	STRONG FORCE VCN PORTFOLIO 2019, LLC
2023202776	MELOOR PTY LTD	2024227177	Beijing Roborock Technology Co., Ltd.
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2023202799	BT Engineering Group Pty Ltd	2024227453	Melbourne Health
2023214338	Schneider Electric Systems USA, Inc.	2024227479	BEDGEAR, LLC
2023225233	SOAPERY PTY LTD	2024227499	Regeneron Pharmaceuticals, Inc.; Yale University; Institute for Research in Biomedicine (IRB)
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2023274108	Boos, J.	2024227624	VYPEX PTY LTD
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2023433482	ZHEJIANG HUAYOU COBALT CO., LTD.	2024227685	Johnson & Johnson Consumer Inc.
2024201299	NetScout Systems, Inc.	2024227686	HILL'S PET NUTRITION, INC.
2024201311	The Boeing Company	2024227687	President and Fellows of Harvard College
2024201342	Adobe Inc.	2024227690	Asceneuron S.A.
2024201343	Adobe Inc.	2024227691	Sandvik Mining and Construction Australia (Production/Supply) Pty Ltd; Sandvik Mining and Construction Tools AB
2024201423	Adobe Inc.	2024227692	Hill's Pet Nutrition, Inc.
2024201424	Adobe Inc.	2024227693	Eli Lilly and Company
2024201827	Toy, C.	2024227694	pH Pharma Co., Ltd.
2024201869	Merlo Project S.r.l.	2024227697	Bruin Biometrics, LLC
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2024202133	CORBETT, M.	2024227699	CompoSecure, LLC
2024202159	LOCKHEED MARTIN CORPORATION	2024227703	Aurora Operations, Inc.
2024202199	CATERPILLAR INC.	2024227705	Centre for Probe Development and Commercialization
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2024202470	VOLVO AUTONOMOUS SOLUTIONS AB	2024227714	Balance Ophthalmics, Inc.
2024202580	Yaramen Pty Ltd	2024227715	VMI HOLLAND B.V.
2024202630	FujiClean Co., Ltd.	2024227716	Keyte, L.; Lloyd, R.; Boral IP Holdings (Australia) PTY Limited
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2024202640	HEFEI TG IMMUNOPHARMA CO., LTD.		Graco Minnesota Inc.
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2024202676	Stewart, T.		The Board of Trustees of The Leland Stanford Junior University
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2024202796	Schneider Electric Industries SAS		Bambino Prezioso Switzerland AG
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2024256077	Thomson Reuters Enterprise Centre GmbH	2024259734	FISHER & PAYKEL HEALTHCARE LIMITED
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2024259652	Société des Produits Nestlé S.A.		
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2024259674	Rutgers, The State University of New Jersey		
2024259676	Fisher & Paykel Healthcare Limited		
2024259678	VusionGroup GmbH		
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2024259688	Biomerieux, Inc.		
2024259689	sticky.io, Inc.		
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(This list may contain multiple listings of a patent where there are multiple patentees for that patent.)

-
- (71) Moon Dog Brewing Pty Ltd
 (11) AU-A-2021107698
 (21) 2021107698 (22) 18.08.2021
 (54) Beverage production
 (51) Int. Cl.
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 B67D 1/00 (2006.01)
 C12C 11/00 (2006.01)
 C12H 1/044 (2006.01)
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 (72) te Wierik, Kevin John; Uljans, Joshua
 Peter; Langlands, David
 (74) BRM Patent Attorneys Pty Ltd

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

<p>(71) 24M TECHNOLOGIES, INC. (11) AU-A-2023433486 (21) 2023433486 (22) 30.03.2023 (54) SYSTEMS AND METHODS FOR ELECTROCHEMICAL CELL MATERIAL RECYCLING (51) Int. Cl. <i>H01M 10/54</i> (2006.01) <i>H01M 6/52</i> (2006.01) (87) WO2024/220103 (31) 63/325,311 (32) 30.03.22 (33) US (43) 24.10.2024 (72) ARAGON, Ruben D.; TYLER, Matthew R.; PANTELI, Kypros D.; SIDDIQUI, Hasan; RUGEN, Evan; MEHOS, Gregory; CHEN, Junzheng; EBNER, Christian; MORISHIGE, Ashley (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd</p>	<p>(43) 28.12.2023 (72) MANSBACH, Harry H.; TSENG, Chih-Ming (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd</p>	<p>(43) 14.12.2023 (72) LI, Wen-Shan; WU, Han-Chung; HUANG, Jih-Liang; SU, Shih-Chieh; LIN, Hsiu-Ting (74) ALDRICH PROJECTS PTY LTD</p>
<p>(71) 3SPINE, INC. (11) AU-A-2023254124 (21) 2023254124 (22) 12.04.2023 (54) TOTAL JOINT REPLACEMENT SPINAL IMPLANT SYSTEM (51) Int. Cl. <i>A61F 2/44</i> (2006.01) (87) WO2023/200869 (31) 63/330,033 (32) 12.04.22 (33) US 63/345,560 25.05.22 US 63/351,568 13.06.22 US PCT/ 05.08.22 US US2022/074635 63/375,379 12.09.22 US (43) 19.10.2023 (72) DAVIS, Christian; PETERMAN, Marc M.; HUMPHREYS, Steven C.; HODGES, Scott; YARBROUGH, Ron (74) Griffith Hack</p>	<p>(71) ABERYSTWYTH UNIVERSITY (11) AU-A-2023263792 (21) 2023263792 (22) 05.05.2023 (54) BIOMARKERS FOR MYCOBACTERIUM BOVIS (51) Int. Cl. <i>G01N 33/569</i> (2006.01) <i>C12Q 1/04</i> (2006.01) (87) WO2023/214177 (31) 2206581.7 (32) 05.05.22 (33) GB (43) 09.11.2023 (72) PIZZEY, Richard David; MUR, Luis Alejandro Jose; ROOKE, David John (74) Spruson & Ferguson</p>	<p>(71) ADAMA MAKHTESHIM LTD. (11) AU-A-2023268772 (21) 2023268772 (22) 10.05.2023 (54) MULTICOMPONENT FUNGICIDES (51) Int. Cl. <i>A01N 43/40</i> (2006.01) <i>A01N 25/32</i> (2006.01) <i>A01N 31/16</i> (2006.01) <i>A01N 43/653</i> (2006.01) <i>A01N 47/14</i> (2006.01) <i>A01N 59/16</i> (2006.01) <i>A01N 59/20</i> (2006.01) <i>A01N 61/00</i> (2006.01) <i>A01N 65/00</i> (2009.01) <i>A01P 3/00</i> (2006.01) (87) WO2023/218457 (31) 63/339,982 (32) 10.05.22 (33) US (43) 16.11.2023 (72) BENETTI, Ernesto; UEBEL, Juliano; TAVARES RODRIGUES, Marco Antonio; COLLA, Luiz Fernando (74) Davies Collison Cave Pty Ltd</p>
<p>(71) 89BIO INC. (11) AU-A-2023287799 (21) 2023287799 (22) 23.06.2023 (54) COMPOSITIONS AND METHODS OF TREATMENT FOR SEVERE HYPERTRIGLYCERIDEMIA (51) Int. Cl. <i>A61K 38/18</i> (2006.01) <i>A61K 47/60</i> (2017.01) <i>A61P 3/06</i> (2006.01) <i>C07K 14/50</i> (2006.01) (87) WO2023/250493 (31) 63/355,397 (32) 24.06.22 (33) US 63/399,165 18.08.22 US 63/373,594 26.08.22 US 63/386,202 06.12.22 US 63/485,641 17.02.23 US 18/340,421 23.06.23 US</p>	<p>(71) ABX ADVANCED BIOCHEMICAL COMPOUNDS – BIOMEDIZINISCHE FORSCHUNGSREAGENZIE GMBH; HELMHOLTZ-ZENTRUM DRESDEN-ROSSENDORF E.V. (11) AU-A-2023276835 (21) 2023276835 (22) 22.05.2023 (54) FUNCTIONALIZED BISAMINOTHIOL DERIVATIVES, COMPLEXES WITH THESE BISAMINOTHIOL DERIVATIVES AND USE OF SAID COMPLEXES AS DIAGNOSTICS AND THERAPEUTICS (51) Int. Cl. <i>A61K 51/04</i> (2006.01) <i>A61P 35/00</i> (2006.01) <i>A61K 103/10</i> (2006.01) (87) WO2023/227535 (31) 22174909.6 (32) 23.05.22 (33) EP (43) 30.11.2023 (72) LIS, Christian; HOEPPING, Alexander; LANKAU, Hans-Joachim; MEYER, Christoph; JOSEPH, Desna; SCHULTZE, Christiane; FISCHER, Steffen; LUDWIG, Friedrich-Alexander; ULLRICH, Martin; SIHVER, Wiebke (74) Adams Pluck</p>	<p>(71) ADAMA MAKHTESHIM LTD. (11) AU-A-2023269423 (21) 2023269423 (22) 11.05.2023 (54) FUNGICIDAL COMBINATIONS OF FLUAZINAM AND USES THEREOF (51) Int. Cl. <i>A01N 43/40</i> (2006.01) <i>A01P 3/00</i> (2006.01) (87) WO2023/218465 (31) 63/340,967 (32) 12.05.22 (33) US (43) 16.11.2023 (72) CERNUSCHI, Matteo; TAVARES RODRIGUES, Marco Antonio; HORSFIELD, Andrew (74) Davies Collison Cave Pty Ltd</p>
<p>(71) ACADEMIA SINICA (11) AU-A-2023283372 (21) 2023283372 (22) 08.06.2023 (54) LIPIDS, NANOPARTICLES COMPRISING THE SAME AND USES THEREOF (51) Int. Cl. <i>C07C 219/08</i> (2006.01) <i>A61K 9/51</i> (2006.01) <i>A61K 31/13</i> (2006.01) (87) WO2023/239836 (31) 63/350,215 (32) 08.06.22 (33) US</p>	<p>(71) ADARX PHARMACEUTICALS, INC. (11) AU-A-2023269864 (21) 2023269864 (22) 12.05.2023 (54) OLIGONUCLEOTIDES HAVING A SYNTHETIC BACKBONE AND SYNTHESIS THEREOF (51) Int. Cl. <i>C07H 21/00</i> (2006.01) <i>A61P 25/28</i> (2006.01) <i>C07H 19/06</i> (2006.01) <i>A61K 31/706</i> (2006.01) (87) WO2023/220737 (31) 63/342,018 (32) 13.05.22 (33) US (43) 16.11.2023 (72) LI, Zhen; CHIRUTA, Chandramouli; CHENG, Bo; NUMA, Mehdi Michel,</p>	

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F01N 3/025 (2006.01)
B01D 53/00 (2006.01)
F01N 3/20 (2006.01)
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B32B 27/32 (2006.01)
B32B 27/08 (2006.01)
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(72) DE SCHOENMAKER, Bert; MENGHETTI, Sara
(74) Origin Patent and Trade Mark Attorneys
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A61B 46/10 (2016.01)
A61B 90/30 (2016.01)
F21V 21/40 (2006.01)
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(72) HOLLOPETER, Michael; WESTENFELDER II, David A.
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A61G 13/06 (2006.01)
H02G 11/00 (2006.01)
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F16K 7/04 (2006.01)
F16K 31/524 (2006.01)
F16K 37/00 (2006.01)
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(31) 17/741,712 **(32)** 11.05.22 **(33)** US
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A61B 17/3205 (2006.01)
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C07K 16/28 (2006.01)
A61P 37/06 (2006.01)
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G16B 10/00 (2019.01)
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C10B 53/07 (2006.01)
B01D 45/12 (2006.01)
B01J 29/40 (2006.01)
C08J 11/12 (2006.01)
C10B 49/10 (2006.01)
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C10B 57/06 (2006.01)
C10G 1/08 (2006.01)
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C10K 1/02 (2006.01)
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 (74) FPA Patent Attorneys Pty Ltd
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F25J 3/06 (2006.01)
B01D 53/24 (2006.01)
B01D 53/26 (2006.01)
F01K 25/10 (2006.01)
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 (74) Davies Collison Cave Pty Ltd
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B64C 21/10 (2006.01)
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A01D 51/00 (2006.01)
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G16H 50/20 (2018.01)
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A61K 39/00 (2006.01)
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C07D 401/14 (2006.01)
C07D 405/14 (2006.01)
C07D 409/14 (2006.01)
C07D 417/14 (2006.01)
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A61B 50/00 (2016.01)
A61B 90/70 (2016.01)
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A01N 63/20 (2020.01)
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A61L 2/18 (2006.01)
B01D 15/36 (2006.01)
B01D 15/38 (2006.01)
B01J 20/286 (2006.01)
B01J 20/34 (2006.01)
B01J 39/26 (2006.01)
B01J 41/20 (2006.01)
B01J 49/06 (2017.01)
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A61K 38/00 (2006.01)
A61K 47/54 (2017.01)
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A61P 1/16 (2006.01)
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C12N 5/0783 (2010.01)
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B32B 7/12 (2006.01)
B32B 15/08 (2006.01)
B32B 15/20 (2006.01)
B32B 23/08 (2006.01)
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B65D 83/00 (2006.01)
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B01D 1/18 (2006.01)
B05B 3/10 (2006.01)
F16C 17/10 (2006.01)
F26B 3/12 (2006.01)
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A61B 8/08 (2006.01)
G01N 21/47 (2006.01)
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A01B 69/00 (2006.01)
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G05D 1/00 (2006.01)
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A01D 41/127 (2006.01)
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A61P 17/00 (2006.01)
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G06T 15/20 (2011.01)
H04N 5/222 (2006.01)
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G06T 9/00 (2006.01)
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H04S 7/00 (2006.01)
A63F 13/54 (2014.01)
G10K 15/02 (2006.01)
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A61F 2/95 (2013.01)
A61M 25/01 (2006.01)
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(54) COMPUTER IMPLEMENTED SYSTEMS AND METHODS
(51) Int. Cl.
H04L 9/32 (2006.01)
H04L 9/00 (2022.01)
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A61B 5/07 (2006.01)
A61B 10/00 (2006.01)
A61B 10/04 (2006.01)
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A61Q 19/00 (2006.01)
A61K 8/66 (2006.01)
A61Q 19/06 (2006.01)
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(51) Int. Cl.
B01J 23/16 (2006.01)
B01J 23/18 (2006.01)
C07C 31/30 (2006.01)
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B01J 23/16 (2006.01)
B01J 23/18 (2006.01)
C07C 31/30 (2006.01)
C07C 69/82 (2006.01)
C08G 63/183 (2006.01)
C08J 11/16 (2006.01)
C08J 11/18 (2006.01)
C08J 11/22 (2006.01)
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B29C 44/60 (2006.01)
B29C 44/28 (2006.01)
B29C 44/46 (2006.01)
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B29C 44/28 (2006.01)
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C02F 1/28 (2023.01)
B01D 11/02 (2006.01)
B01D 15/04 (2006.01)
B01J 20/34 (2006.01)
C01B 32/36 (2017.01)
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C07K 16/30 (2006.01)
C07K 16/28 (2006.01)
A61P 35/00 (2006.01)
C07K 14/705 (2006.01)
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A61K 31/395 (2006.01)
A61K 31/343 (2006.01)
A61K 31/4353 (2006.01)
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F24F 11/30 (2018.01)
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F24F 11/62 (2018.01)
F28F 27/00 (2006.01)
G05B 13/02 (2006.01)
G05B 15/02 (2006.01)
G05B 19/04 (2006.01)
G05D 23/19 (2006.01)
G06N 20/00 (2019.01)
G06Q 10/04 (2023.01)
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C10G 2/00 (2006.01)
C10J 3/00 (2006.01)
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A61K 31/504 (2006.01)
A61P 35/00 (2006.01)
C07D 515/12 (2006.01)
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A61K 31/5365 (2006.01)
A61P 11/00 (2006.01)
C07D 519/00 (2006.01)
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A61K 9/20 (2006.01)
A61K 9/28 (2006.01)
A61K 31/4245 (2006.01)
A61P 3/04 (2006.01)
A61P 3/10 (2006.01)
A61P 9/12 (2006.01)
A61P 25/06 (2006.01)
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C07D 403/12 (2006.01)
A61K 31/513 (2006.01)
A61P 25/00 (2006.01)
C07D 487/04 (2006.01)
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(54) MULTILAYERED CONFECTIONARY
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A23G 4/02 (2006.01)
A23G 3/34 (2006.01)

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A23G 3/54 (2006.01)
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H04B 10/079 (2013.01)
G01D 5/26 (2006.01)
G01D 5/34 (2006.01)
G01D 5/353 (2006.01)
G01M 11/00 (2006.01)
H04B 10/07 (2013.01)
H04B 10/075 (2013.01)
H04B 10/25 (2013.01)
H04B 10/61 (2013.01)
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(54) COMBINATION THERAPIES COMPRISING MYC MODULATION
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C12N 15/113 (2010.01)
A61K 9/127 (2006.01)
A61K 31/47 (2006.01)
C07D 215/16 (2006.01)
C12N 15/63 (2006.01)
A61K 47/69 (2017.01)
C12N 9/10 (2006.01)
C12N 9/22 (2006.01)
C12N 15/90 (2006.01)
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(54) COMPOSITIONS AND METHODS FOR MODULATING CYTOKINES
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C12Q 1/6883 (2018.01)
A61K 38/00 (2006.01)
C12Q 1/6886 (2018.01)
- G01N 33/53** (2006.01)
G01N 33/574 (2006.01)
G01N 33/68 (2006.01)
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(21) 2023276714 (22) 25.05.2023
(54) COMPOSITIONS AND METHODS FOR MODULATION OF IMMUNE RESPONSES
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C12Q 1/6883 (2018.01)
A61K 38/00 (2006.01)
G01N 33/53 (2006.01)
G01N 33/574 (2006.01)
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(54) COMPOSITIONS AND METHODS FOR MODULATION OF TUMOR SUPPRESSORS AND ONCOGENES
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C12Q 1/6886 (2018.01)
A61K 38/00 (2006.01)
G01N 33/53 (2006.01)
G01N 33/574 (2006.01)
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(21) 2023277636 (22) 25.05.2023
(54) COMPOSITIONS AND METHODS FOR MODULATING GENETIC DRIVERS
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G01N 33/53 (2006.01)
A61K 38/05 (2006.01)
A61K 38/06 (2006.01)
C12Q 1/6883 (2018.01)
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G01N 33/574 (2006.01)
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(11) AU-A-2023269196
(21) 2023269196 (22) 10.05.2023
(54) PYRAZINE DERIVATIVES AND USES THEREOF
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A61P 35/00 (2006.01)
A61K 31/4985 (2006.01)
C07D 495/02 (2006.01)
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(74) Davies Collison Cave Pty Ltd
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A61P 35/00 (2006.01)
A61K 31/4965 (2006.01)
C07D 413/14 (2006.01)
C07D 417/14 (2006.01)
C07D 471/10 (2006.01)
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(11) AU-A-2024220187
(21) 2024220187 (22) 30.04.2024
(54) DAIRY FOOD GEL PRODUCTION.
- (51) Int. Cl.
A23C 9/146 (2006.01)
A23C 9/142 (2006.01)
A23C 19/028 (2006.01)
A23C 19/05 (2006.01)
A23C 19/068 (2006.01)
A23C 19/072 (2006.01)

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A23J 1/20 (2006.01)
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A23L 29/281 (2016.01)
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 ING
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G05B 13/02 (2006.01)
A23P 30/20 (2016.01)
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(72) EICHENLAUB, Sean; LIN, Kevin
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H02J 3/38 (2006.01)
G06N 3/08 (2023.01)
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(54) AIR-CONDITIONING DEVICE
(51) Int. Cl.
F24F 11/49 (2018.01)
F24F 11/30 (2018.01)
F24F 11/56 (2018.01)
F24F 11/84 (2018.01)
F25B 13/00 (2006.01)
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F02M 61/12 (2006.01)
F02M 61/02 (2006.01)
F02M 61/06 (2006.01)
F02M 61/08 (2006.01)
F02M 61/10 (2006.01)
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A61M 5/158 (2006.01)
A61M 5/168 (2006.01)
A61M 31/00 (2006.01)
A61M 39/02 (2006.01)
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C07K 16/10 (2006.01)
A61K 39/00 (2006.01)
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B65D 51/18 (2006.01)
B65D 43/02 (2006.01)
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A61B 1/12 (2006.01)
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 SYSTEM
(51) Int. Cl.

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F04B 49/06 (2006.01)
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A61K 35/16 (2015.01)
A61P 35/00 (2006.01)
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G16B 20/20 (2019.01)
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E21B 47/125 (2012.01)
E21B 17/02 (2006.01)
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E21B 34/06 (2006.01)
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C09K 8/467 (2006.01)
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E21D 1/03 (2006.01)
B65G 11/00 (2006.01)
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A23K 50/40 (2016.01)
A23K 20/142 (2016.01)
A23K 20/147 (2016.01)
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G02C 7/02 (2006.01)
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F41A 3/64 (2006.01)
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H04L 5/00 (2006.01)
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C07K 16/28 (2006.01)
A61K 39/00 (2006.01)
A61P 33/00 (2006.01)
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 (74) Baxter Patent Attorneys Pty Ltd

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 (51) Int. Cl.
A42B 3/04 (2006.01)
A61B 5/11 (2006.01)
G01R 19/145 (2006.01)
G01R 29/12 (2006.01)
G08B 2/102 (2006.01)
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 (54) A METHOD OF TREATING SOLID TUMOR
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A61P 35/00 (2006.01)
C12N 15/13 (2006.01)
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C07K 14/74 (2006.01)
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 (54) VETERINARY PHARMACEUTICAL FORMULATIONS
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 A61K 9/20 (2006.01)
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 A61K 31/351 (2006.01)
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 A61K 31/70 (2006.01)
 A61P 3/10 (2006.01)
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 (54) COMPOSITE POWDER, IN PARTICULAR SUITABLE FOR ADDITIVE MANUFACTURING
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 C08J 3/05 (2006.01)
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 (74) Allens Patent & Trade Mark Attorneys
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 H04W 74/00 (2009.01)
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 A61K 48/00 (2006.01)
 A61P 11/00 (2006.01)
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 C07D 215/56 (2006.01)
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 A61B 5/155 (2006.01)
 A61B 5/145 (2006.01)
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 A61L 27/26 (2006.01)
 A61K 45/06 (2006.01)
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 G06T 19/00 (2011.01)
 H02J 3/00 (2006.01)
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B09C 1/02 (2006.01)
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C07D 519/00 (2006.01)
A61K 31/519 (2006.01)
A61P 29/00 (2006.01)
A61P 31/00 (2006.01)
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C07K 14/755 (2006.01)
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A61P 7/04 (2006.01)
C12N 5/10 (2006.01)
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C12N 15/62 (2006.01)
A61K 35/76 (2015.01)
A61K 48/00 (2006.01)
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C12N 5/10 (2006.01)
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F02D 19/02 (2006.01)
F02D 19/08 (2006.01)
F23C 13/02 (2006.01)
F23D 14/02 (2006.01)
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A61J 13/00 (2006.01)
A61B 5/00 (2006.01)
A61J 9/00 (2006.01)
A61J 11/00 (2006.01)
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G16H 15/00 (2018.01)
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F15B 15/14 (2006.01)
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C01B 3/02 (2006.01)
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C07D 405/14 (2006.01)
A61K 31/506 (2006.01)
A61P 1/16 (2006.01)
A61P 25/16 (2006.01)
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A61P 31/12 (2006.01)
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A62B 7/04 (2006.01)
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A62B 7/12 (2006.01)
A62B 9/00 (2006.01)
F04D 27/00 (2006.01)
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G05D 16/00 (2006.01)
C25B 1/04 (2021.01)
C25B 9/19 (2021.01)
C25B 9/60 (2021.01)
C25B 15/08 (2006.01)
G05D 16/06 (2006.01)
C25B 9/15 (2021.01)
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A61L 27/36 (2006.01)
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A61L 26/00 (2006.01)
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(54) IMPROVED WEB CONNECTION WITH TIMBER FLANGE
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E04C 3/14 (2006.01)
E04C 3/29 (2006.01)
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(74) Churchill Attorneys

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G06F 16/29 (2019.01)
G06F 17/18 (2006.01)
G06Q 50/26 (2012.01)
G06F 17/13 (2006.01)
G06Q 10/04 (2023.01)
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B65F 1/16 (2006.01)
B65D 43/02 (2006.01)
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G16H 30/40 (2018.01)
A61B 6/00 (2006.01)
G06T 7/00 (2017.01)
G06V 10/00 (2022.01)
G16H 20/40 (2018.01)
G16H 40/20 (2018.01)
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G01N 3/46 (2006.01)
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B65G 47/91 (2006.01)
B25J 9/00 (2006.01)
B25J 9/16 (2006.01)
B65G 47/14 (2006.01)
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B63B 35/44 (2006.01)
B63B 1/14 (2006.01)
B63B 21/50 (2006.01)
F03D 13/25 (2016.01)
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(74) Griffith Hack

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B25H 7/02 (2006.01)
B43L 7/027 (2006.01)
B43L 7/12 (2006.01)
G01B 3/06 (2006.01)
G01B 3/56 (2006.01)
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(74) Armour IP

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(21) 2023281954 **(22)** 30.05.2023
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A61B 34/35 (2016.01)
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(72) SIMI, Massimiliano; DI GUARDO, Antonio; RUFFALDI, Emanuele
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(54) METHOD FOR FABRICATION OF A MULTIPLE RANGE ACCELEROMETER
(51) Int. Cl.
G01P 15/08 (2006.01)
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A61K 45/06 (2006.01)
A61P 3/02 (2006.01)
C08B 37/00 (2006.01)
A61P 3/00 (2006.01)
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E02F 9/28 (2006.01)
G01L 5/1627 (2020.01)
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G06T 7/00 (2017.01)
A61B 34/10 (2016.01)
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A61L 27/38 (2006.01)
A01N 1/02 (2006.01)
A61K 35/50 (2015.01)
A61L 15/40 (2006.01)
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G16H 20/70 (2018.01)
A61B 5/00 (2006.01)
A61B 10/00 (2006.01)
G16H 40/63 (2018.01)
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 (72) SHUSTER, Nicolas; WINCKLER, Catherine; ROSS, Mark
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A62C 35/62 (2006.01)
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 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd
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 (51) Int. Cl.
F26B 3/06 (2006.01)
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B01D 39/12 (2006.01)
B01D 29/15 (2006.01)
B01D 39/20 (2006.01)
B01D 46/52 (2006.01)
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 (31) 10 2022 001 589.7 (32) 06.05.22 (33) DE
 (43) 09.11.2023
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 (21) 2023269241 (22) 11.05.2023
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 (51) Int. Cl.
A61K 39/12 (2006.01)
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A61K 35/74 (2015.01)
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A61P 1/00 (2006.01)
A61P 37/06 (2006.01)

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(54) PTK7-BINDING PROTEINS WITH PH-DEPENDENT BINDING AND USES THEREOF
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C07K 16/28 (2006.01)
A61K 47/68 (2017.01)
C07K 16/30 (2006.01)
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(31) 63/365,005 **(32)** 19.05.22 **(33)** US
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(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

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(54) PHOTOBIO-MODULATION THERAPY GARMENT, METHODS AND USES
(51) Int. Cl.
A61N 5/06 (2006.01)
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(31) 17/658,597 **(32)** 08.04.22 **(33)** US
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H04W 72/12 (2023.01)
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H04W 24/02 (2009.01)

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(21) 2023264195 **(22)** 20.04.2023
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(51) Int. Cl.
H04L 5/00 (2006.01)
H04W 72/21 (2023.01)
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(54) MODULAR PLATFORM SYSTEM FOR VERTICAL ORE STOPE MINING
(51) Int. Cl.
E21D 7/00 (2006.01)
B66B 17/00 (2006.01)
E21F 13/00 (2006.01)
E21F 13/04 (2006.01)
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A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
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(74) Davies Collison Cave Pty Ltd

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(54) PHARMACEUTICAL COMPOSITIONS OF TRICYCLIC AKR1C3 DEPENDENT KARS INHIBITOR AND METHODS FOR MAKING SAME

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A61K 9/14 (2006.01)
A61K 31/438 (2006.01)
A61P 35/00 (2006.01)
(87) WO2024/023659
(31) 63/369,407 **(32)** 26.07.22 **(33)** US
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(54) METHODS OF TRICYCLIC AKR1C3 DEPENDENT KARS INHIBITOR DOSING FIELD OF THE INVENTION
(51) Int. Cl.
A61P 35/00 (2006.01)
G01N 33/574 (2006.01)
A61K 31/4747 (2006.01)
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C07D 471/10 (2006.01)
A61K 31/438 (2006.01)
A61P 35/00 (2006.01)
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(54) COMPOSITIONS FOR DELIVERY OF AGENTS INTO PLANT CELLS
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C07K 14/78 (2006.01)
A01N 63/00 (2020.01)
A01N 65/00 (2009.01)
C07K 5/04 (2006.01)
C07K 7/06 (2006.01)
C07K 1/10 (2006.01)
C12N 15/82 (2006.01)
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 (21) 2023273165 (22) 09.05.2023
 (54) ABSORBENT ARTICLE WITH FASTENING SYSTEM
 (51) Int. Cl.
 A61F 13/476 (2006.01)
 A61F 13/514 (2006.01)
 A61F 13/58 (2006.01)
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 (54) METHOD AND SYSTEM FOR AUTOMATICALLY PRIORITIZING CONTENT PROVIDED TO A USER
 (51) Int. Cl.
 G06F 16/383 (2019.01)
 G06F 16/435 (2019.01)
 G06F 16/44 (2019.01)
 G06F 16/9035 (2019.01)
 G06F 16/908 (2019.01)
 G06F 40/35 (2020.01)
 H04L 51/216 (2022.01)
 G06F 16/31 (2019.01)
 G06F 16/335 (2019.01)
 G06F 16/338 (2019.01)
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 (74) PIPERS

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 (21) 2023252879 (22) 14.04.2023
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 A61K 35/28 (2015.01)
 A61K 35/12 (2015.01)
 A61K 35/17 (2015.01)
 A61P 35/02 (2006.01)
 (87) WO2023/201087
 (31) 63/331,709 (32) 15.04.22 (33) US
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 (54) RADAR TAGS AND INFRARED TAGS
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 G01S 13/00 (2006.01)
 G01S 13/42 (2006.01)
 G01S 13/75 (2006.01)
 G01S 13/86 (2006.01)
 H01Q 1/22 (2006.01)
 H01Q 1/24 (2006.01)
 H01Q 5/307 (2015.01)
 H01Q 5/50 (2015.01)
 H01Q 9/04 (2006.01)
 H01Q 23/00 (2006.01)
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 (31) 2205296.3 (32) 11.04.22 (33) GB
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 (21) 2023249626 (22) 05.04.2023
 (54) ORTHOPEDIC IMPLANTS AND INSTRUMENTS
 (51) Int. Cl.
 A61B 17/068 (2006.01)
 A61B 17/064 (2006.01)
 (87) WO2023/196864
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(71) PB TECHNIEK B.V.
 (11) AU-A-2023264968
 (21) 2023264968 (22) 02.05.2023
 (54) GERMINATION UNIT
 (51) Int. Cl.
 A01G 31/04 (2006.01)
 (87) WO2023/214871
 (31) 2031752 (32) 02.05.22 (33) NL
 (43) 09.11.2023
 (72) BRABANDER, Koenraad Hedricus Maria
 (74) DAVIS IP PTY LTD

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 (54) COMPLIANCE EVALUATION SYSTEM FOR AN ORGANIZATION
 (51) Int. Cl.
 G06Q 10/10 (2023.01)
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Parthasarathy; AGARWAL, Prateek; CHOUDHARY, Shubham; SINGHAL, Sanket; BHAVNANI, Sanjay Lal
 (74) GLMR
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 (11) AU-A-2023269062
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 (51) Int. Cl.
 A61K 9/00 (2006.01)
 A61K 9/48 (2006.01)
 A61K 9/51 (2006.01)
 A61K 39/395 (2006.01)
 (87) WO2023/220243
 (31) 63/341,727 (32) 13.05.22 (33) US
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 (72) GUPTA, Vivek; PARVATHANENI, Vin-eela; SARVEPALLI, Sruthi
 (74) HENRY HUGHES IP LTD

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 (11) AU-A-2023255552
 (21) 2023255552 (22) 21.04.2023
 (54) COMPOUNDS, COMPOSITIONS, AND METHODS FOR ISOLATION OF NUCLEIC ACIDS
 (51) Int. Cl.
 C12N 15/10 (2006.01)
 C07D 265/30 (2006.01)
 C08G 77/02 (2006.01)
 (87) WO2023/205450
 (31) 63/333,813 (32) 22.04.22 (33) US
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 (74) Davies Collison Cave Pty Ltd

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 (11) AU-A-2023272777
 (21) 2023272777 (22) 19.05.2023
 (54) CARBON CATALYST SEPARATION
 (51) Int. Cl.
 B01J 38/68 (2006.01)
 B01J 23/90 (2006.01)
 B01J 38/60 (2006.01)
 B82Y 40/00 (2011.01)
 (87) WO2023/224505
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 (43) 23.11.2023
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(71) QUADRAM INSTITUTE BIOSCIENCE
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 (21) 2023264851 (22) 09.05.2023

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(51) Int. Cl.
C12Q 1/6806 (2018.01)
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G16B 30/00 (2019.01)
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C02F 1/00 (2023.01)
B67D 1/12 (2006.01)
C02F 9/20 (2023.01)
B01D 35/157 (2006.01)
F25D 23/12 (2006.01)
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G21F 9/12 (2006.01)
C22B 3/26 (2006.01)
C22B 3/42 (2006.01)
C22B 26/20 (2006.01)
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A61M 60/806 (2021.01)
A61M 60/122 (2021.01)
A61M 60/237 (2021.01)
A61M 60/888 (2021.01)
F04D 29/30 (2006.01)
A61M 60/148 (2021.01)
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A01C 23/04 (2006.01)
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(51) Int. Cl.
A61K 39/00 (2006.01)
C07K 14/705 (2006.01)
C07K 14/725 (2006.01)
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A61K 39/00 (2006.01)
C07K 14/705 (2006.01)
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C11C 1/10 (2006.01)
C11C 3/00 (2006.01)
C10G 1/00 (2006.01)
C10L 1/02 (2006.01)
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C12N 5/079 (2010.01)
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 F16J 15/06 (2006.01)
 F16L 17/08 (2006.01)
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 A61P 35/00 (2006.01)
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 F24H 9/02 (2006.01)
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 B60L 53/14 (2019.01)
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 A61K 38/01 (2006.01)
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 A61B 34/30 (2016.01)
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 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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 G05D 1/00 (2024.01)
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 E21B 7/02 (2006.01)
 E02F 3/43 (2006.01)

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 F16J 15/3208 (2016.01)
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 (51) Int. Cl.
 C10L 3/08 (2006.01)
 C07C 1/12 (2006.01)
 C25B 1/04 (2021.01)
 F17C 9/02 (2006.01)
 F17C 9/04 (2006.01)
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 F01P 3/12 (2006.01)
 E21B 7/02 (2006.01)
 E21F 13/02 (2006.01)
 F01P 7/16 (2006.01)
 F15B 21/0423 (2019.01)
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 E21B 7/02 (2006.01)
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E21C 35/06 (2006.01)
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C22C 29/08 (2006.01)
B22F 3/15 (2006.01)
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C07K 16/28 (2006.01)
A61K 39/00 (2006.01)
A61P 29/00 (2006.01)
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(51) Int. Cl.
A61K 47/64 (2017.01)
A61K 39/00 (2006.01)
A61K 39/095 (2006.01)
A61P 31/04 (2006.01)
C07K 1/107 (2006.01)
G01N 24/08 (2006.01)

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A61K 47/64 (2017.01)
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A61K 39/095 (2006.01)
A61P 31/04 (2006.01)
C07K 1/107 (2006.01)
G01N 24/08 (2006.01)

G01R 33/46 (2006.01)
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C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
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(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

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B04B 15/02 (2006.01)
B04B 5/00 (2006.01)
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E21B 33/13 (2006.01)
E21B 47/10 (2012.01)
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E21B 19/16 (2006.01)

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C22B 3/22 (2006.01)
B01D 15/00 (2006.01)
B01D 15/18 (2006.01)
B01D 61/02 (2006.01)
C22B 3/24 (2006.01)
C22B 26/12 (2006.01)
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(54) EXTERIOR WALL STRUCTURE AND BUILDING INCLUDING EXTERIOR WALL STRUCTURE
(51) Int. Cl.
E04D 13/14 (2006.01)
E04B 7/02 (2006.01)
E04F 13/08 (2006.01)
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(72) UTSUNOMIYA Shinji; YAMAGUCHI Hiroki
(74) James & Wells Intellectual Property

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A61K 39/12 (2006.01)
C07K 14/005 (2006.01)
C12N 15/86 (2006.01)
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(72) SHALIGRAM, Umesh Sharadrao; NARWADE, Santosh Chandrakant
(74) FPA Patent Attorneys Pty Ltd

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(11) AU-A-2023260227

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C12N 5/10 (2006.01)
A61K 39/215 (2006.01)
A61P 11/00 (2006.01)
A61P 31/14 (2006.01)
C12N 15/40 (2006.01)
C12N 15/85 (2006.01)
 (87) WO2023/208118
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 (74) FB Rice Pty Ltd
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- (71) SHANGHAI SHEMAR POWER ENGINEERING CO., LTD.
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E04H 12/24 (2006.01)
E04H 12/08 (2006.01)
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 (43) 26.09.2024
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 (74) James & Wells Intellectual Property
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 (54) PROMOTER SWITCHES FOR TISSUE-SPECIFIC EXPRESSION
 (51) Int. Cl.
C07K 14/47 (2006.01)
A61K 38/00 (2006.01)
A61K 48/00 (2006.01)
A61P 25/00 (2006.01)
C12N 15/113 (2010.01)
C12N 15/63 (2006.01)
C12N 15/82 (2006.01)
C12N 15/85 (2006.01)
C12N 15/86 (2006.01)
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 (74) FB Rice Pty Ltd
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- (71) SHARKNINJA OPERATING LLC
 (11) AU-A-2022457789
 (21) 2022457789 (22) 13.05.2022
 (54) AGITATOR FOR A CARBONATION SYSTEM
 (51) Int. Cl.
A23L 2/54 (2006.01)
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 (43) 16.11.2023
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- (71) SHARKNINJA OPERATING LLC
 (11) AU-A-2023269133
 (21) 2023269133 (22) 09.05.2023
 (54) POST-MIX FLAVOURED CARBONATED BEVERAGE DISPENSER
 (51) Int. Cl.
B67D 1/00 (2006.01)
 (87) WO2023/220598
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- (71) SHARKNINJA OPERATING LLC
 (11) AU-A-2023271997
 (21) 2023271997 (22) 10.05.2023
 (54) METHODS AND SYSTEMS FOR OPEN-LOOP IGNITION OF A SMOKE GENERATOR FUEL SOURCE
 (51) Int. Cl.
A47J 37/07 (2006.01)
F23B 60/02 (2006.01)
F23Q 7/02 (2006.01)
 (87) WO2023/225450
 (31) 17/663,582 (32) 16.05.22 (33) US
 (43) 23.11.2023
 (72) CHOW, Nicholas; HISHMEH, Blake; MARTIN, Christopher, T.
 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.
 (11) AU-A-2023278919
 (21) 2023278919 (22) 31.05.2023
 (54) SYSTEM HAVING A PISTON FEEDSTOCK FEEDER SYSTEM FOR USE IN HYDROPROCESSING A SOLID FEEDSTOCK
 (51) Int. Cl.
C10G 1/08 (2006.01)
B01J 3/02 (2006.01)
B01J 8/00 (2006.01)
F04B 53/14 (2006.01)
F16J 15/32 (2016.01)
 (87) WO2023/235743
 (31) 63/347,629 (32) 01.06.22 (33) US
 (43) 07.12.2023
 (72) KOCH, Thomas; JANCKER, Steffen; VAN ELBURG, Gerhard Johan; CHEN, Zhong Xin
 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd
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 (11) AU-A-2023281040
 (21) 2023281040 (22) 31.05.2023
 (54) FEEDSTOCK FEEDER SYSTEM
 (51) Int. Cl.
B01J 4/00 (2006.01)
B01J 3/03 (2006.01)
B01J 8/00 (2006.01)
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 (31) 63/347,630 (32) 01.06.22 (33) US
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 (72) KOCH, Thomas; JANCKER, Steffen; VAN ELBURG, Gerhard Johan; CHEN, Zhong Xin
 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd
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- (71) SHENZHEN JISU TECHNOLOGY CO., LTD
 (11) AU-A-2023411862
 (21) 2023411862 (22) 19.12.2023
 (54) PORTABLE FAN, DRIVING CIRCUIT FOR PORTABLE FAN, AND HANDHELD FAN
 (51) Int. Cl.
F04D 25/08 (2006.01)
F04D 27/00 (2006.01)
F04D 29/26 (2006.01)
F04D 29/32 (2006.01)
F04D 29/40 (2006.01)
H02H 7/085 (2006.01)
H02J 7/00 (2006.01)
H02P 6/182 (2016.01)
 (87) WO2024/131739
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 (74) A.P.T. Patent and Trade Mark Attorneys
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- (71) SHIMOSE MICROBES LABORATORY CORPORATION
 (11) AU-A-2023298170
 (21) 2023298170 (22) 29.03.2023
 (54) PROCESSING SYSTEM FOR LIQUID WASTE CONTAINING ORGANIC MATTER
 (51) Int. Cl.
C02F 11/04 (2006.01)
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 (31) 2022-105700 (32) 30.06.22 (33) JP
 (43) 04.01.2024
 (72) SHIMOSE Shinichi
 (74) Griffith Hack
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 (11) AU-A-2023264110
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 (54) METHODS AND SYSTEMS FOR DYNAMIC UPDATE TO ACCESS CONTROL RULES IN A COMPUTING SYS-

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H04L 9/32 (2006.01)
G06Q 20/36 (2012.01)
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- (74) Murray Trento & Associates Pty Ltd
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- (21) 2023280065 (22) 05.04.2023
- (54) METHODS AND APPARATUSES FOR PROVIDING CONDENSABLE USER INTERFACE
- (51) Int. Cl.
G06F 3/0485 (2022.01)
G06F 3/04883 (2022.01)
- (87) WO2023/230700
- (31) 63/348,225 (32) 02.06.22 (33) US
17/873,336 26.07.22 US
- (43) 07.12.2023
- (72) MCCRACKEN, Louis; MAJEED, Sabrina; SCHLEGEL, Robert; HEBNER, Darren; BALARIN, Zanna; HENG, Louise
- (74) Murray Trento & Associates Pty Ltd
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- (11) AU-A-2023280631
- (21) 2023280631 (22) 04.04.2023
- (54) SYSTEMS AND METHODS FOR PROVIDING RESPONSIVE INTERACTIVE CHECKOUT USER INTERFACES
- (51) Int. Cl.
G06Q 30/0601 (2023.01)
G06F 3/0481 (2022.01)
G06F 16/95 (2019.01)
- (87) WO2023/230699
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- (71) SLINGSHOT BIOSCIENCES, INC.
- (11) AU-A-2023265684
- (21) 2023265684 (22) 05.05.2023
- (54) ENGINEERED PARTICLES AS RED BLOOD CELL MIMICS AND COMPOSITIONS CONTAINING SAME FOR HEMATOLOGY
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G01N 33/96 (2006.01)
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- (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) SMITH & NEPHEW, INC.; SMITH & NEPHEW ORTHOPAEDICS AG; SMITH & NEPHEW ASIA PACIFIC PTE. LIMITED
- (11) AU-A-2023286427
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- (54) SYSTEMS AND METHODS FOR NAVIGATED REAMING OF THE ACETABULUM
- (51) Int. Cl.
A61B 34/20 (2016.01)
A61B 17/00 (2006.01)
A61B 34/00 (2016.01)
A61B 34/30 (2016.01)
A61B 34/10 (2016.01)
A61B 90/00 (2016.01)
A61B 90/50 (2016.01)
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- (74) Patent Attorney Services
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- (21) 2023267637 (22) 06.04.2023
- (54) MEDICAL ULTRASONIC SCALPEL, MEDICAL ULTRASONIC SCALPEL SYSTEM, AND ROBOT-ASSISTED ULTRASONIC SCALPEL SYSTEM
- (51) Int. Cl.
A61B 17/32 (2006.01)
A61B 17/16 (2006.01)
A61B 34/00 (2016.01)
A61B 34/30 (2016.01)
- (87) WO2023/216778
- (31) 202210515289.5 (32) 11.05.22 (33) CN
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- (43) 16.11.2023
- (72) CAO, Qun; ZHAN, Songtao; DAI, Zhiling
- (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
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- (21) 2023288719 (22) 19.06.2023
- (54) USE OF A MICROBIOTA-MODULATING AGENT FOR ENHANCING BONE DEVELOPMENT AND/OR BONE STRENGTH
- (51) Int. Cl.
A61K 35/742 (2015.01)
A61K 31/702 (2006.01)
A61P 19/00 (2006.01)
A61P 19/10 (2006.01)
- (87) WO2023/247419
- (31) 22180317.4 (32) 22.06.22 (33) EP
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- (74) Spruson & Ferguson
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- (11) AU-A-2023273924
- (21) 2023273924 (22) 05.05.2023
- (54) METHOD FOR PROCESSING A LAYER ELEMENT
- (51) Int. Cl.
B32B 17/10 (2006.01)
B32B 43/00 (2006.01)
H01L 31/048 (2014.01)
H01L 31/18 (2006.01)
- (87) WO2023/222417
- (31) 10 2022 112 295.6 (32) 17.05.22 (33) DE
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- (74) Spruson & Ferguson
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- (21) 2023258039 (22) 21.04.2023
- (54) B-CELL LYMPHOMA 2-ASSOCIATED ANTHANOGENE 3 (BAG3) GENE THERAPY USING AAV VECTOR
- (51) Int. Cl.
A61K 35/761 (2015.01)
A61K 48/00 (2006.01)
C12N 15/63 (2006.01)
C12N 15/861 (2006.01)
A61P 9/00 (2006.01)
A61P 9/04 (2006.01)
A61P 21/00 (2006.01)
- (87) WO2023/205767
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- (74) RnB IP Pty Ltd
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- (11) AU-A-2023254088
- (21) 2023254088 (22) 10.04.2023
- (54) DISPOSABLE CONTROLS, RE-USABLE DEVICES, AND THEIR METHODS OF USE
- (51) Int. Cl.
A61M 16/04 (2006.01)
A61B 34/20 (2016.01)
A61B 34/30 (2016.01)
- (87) WO2023/201210
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- (72) SOKOLOV, Dimitri; NEKHENDZY, Vladimir; RUEGG, Thomas
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- (21) 2023255549 (22) 21.04.2023
- (54) PORTABLE ATMOSPHERIC WATER GENERATOR
- (51) Int. Cl.
B01D 5/00 (2006.01)
B01D 53/14 (2006.01)
B01D 53/26 (2006.01)
E03B 3/28 (2006.01)
F24F 3/14 (2006.01)

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F24F 3/12 (2006.01)
F24F 3/16 (2021.01)
F24F 8/22 (2021.01)
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(43) 26.10.2023
(72) VOLLMER II, Reuben Paul; BRETON, Tyler
(74) FB Rice Pty Ltd
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(11) AU-A-2023268326
(21) 2023268326 **(22)** 12.05.2023
(54) HIGH PRESSURE CARBAMATE CONDENSATION APPARATUS
(51) Int. Cl.
B01J 4/00 (2006.01)
B01J 19/00 (2006.01)
C07C 273/04 (2006.01)
F28F 21/08 (2006.01)
(87) WO2023/219506
(31) 22173284.5 **(32)** 13.05.22 **(33)** EP
(43) 16.11.2023
(72) PATIL, Rahul; GEVERS, Lambertus Wilhelmus; WAGEMANS, Markus Theodorus Marie Michaël
(74) Spruson & Ferguson
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- (71)** STERANKA, P.; SAPUPPO, M.S.
(11) AU-A-2023255609
(21) 2023255609 **(22)** 14.04.2023
(54) CENTRIFUGAL GYROSCOPIC DEVICES, AND ASSOCIATED SYSTEMS AND METHODS
(51) Int. Cl.
G01C 19/02 (2006.01)
G01V 7/02 (2006.01)
G01C 19/06 (2006.01)
G01P 15/14 (2013.01)
(87) WO2023/205593
(31) 63/332,196 **(32)** 18.04.22 **(33)** US
(43) 26.10.2023
(72) STERANKA, Paul; SAPUPPO, Michele, S.
(74) FB Rice Pty Ltd
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- (71)** STREAMLIGHT, INC.
(11) AU-A-2023268447
(21) 2023268447 **(22)** 10.05.2023
(54) HEADWEAR-MOUNTABLE ATTACHMENT DEVICE FOR SUPPORTING A LIGHTING DEVICE OR OTHER TOOL OR ACCESSORY, OR KIT INCLUDING SAME
(51) Int. Cl.
A42B 3/04 (2006.01)
A44B 11/00 (2006.01)
F21V 21/08 (2006.01)
(87) WO2023/220160
(31) 63/340,340 **(32)** 10.05.22 **(33)** US
(43) 16.11.2023
(72) SHARRAH, Raymond, L.; SHARRAH, Jonathan, R.; DALTON, Matthew, B.
(74) FPA Patent Attorneys Pty Ltd
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- (71)** STRONG FORCE VCN PORTFOLIO 2019, LLC
(11) AU-A-2024220200
(21) 2024220200 **(22)** 25.04.2024
(54) SYSTEMS, METHODS, KITS, AND APPARATUS FOR GENERATIVE ARTIFICIAL INTELLIGENCE, GRAPHICAL NEURAL NETWORKS, TRANSFORMER MODELS, AND CONVERGING TECHNOLOGY STACKS IN VALUE CHAIN NETWORKS.
(51) Int. Cl.
G06Q 30/00 (2023.01)
G06F 16/00 (2019.01)
(31) 63/461,805 **(32)** 25.04.23 **(33)** US
63/535,748 31.08.23 US
63/610,894 15.12.23 US
63/621,549 16.01.24 US
63/625,597 26.01.24 US
(43) 21.11.2024
(72) CELLA, Charles H.; BUNIN, Andrew; CARDNO, Andrew; DOBROWITSKY, Joshua; EL-TAHRY, Teymour S.; FORTIN JR., Leon; LOCKE, Andrew; MOHR, Henry; PARENTI, Jenna; ROGOSIN, Nicholas; STEIN, David; VETTER, Eric P.
(74) ET Intellectual Property
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- (71)** STRONG FORCE VCN PORTFOLIO 2019, LLC
(11) AU-A-2024220201
(21) 2024220201 **(22)** 08.05.2024
(54) SYSTEMS, METHODS, KITS, AND APPARATUS FOR DIGITAL PRODUCT NETWORKS IN VALUE CHAIN NETWORKS
(51) Int. Cl.
G06Q 10/06 (2023.01)
G06N 3/08 (2023.01)
G06N 20/20 (2019.01)
G06Q 10/04 (2023.01)
G06Q 10/0633 (2023.01)
G06Q 10/0635 (2023.01)
G06Q 10/08 (2023.01)
G06Q 10/0833 (2023.01)
G06Q 10/087 (2023.01)
G06Q 10/10 (2023.01)
G06Q 30/01 (2023.01)
G06Q 30/02 (2023.01)
G06Q 30/0202 (2023.01)
G06Q 30/06 (2023.01)
G06Q 30/0601 (2023.01)
G06Q 40/08 (2012.01)
G06Q 40/12 (2023.01)
G16Y 30/00 (2020.01)
G16Y 40/10 (2020.01)
G16Y 40/20 (2020.01)
G16Y 40/40 (2020.01)
G16Y 40/60 (2020.01)
H04L 9/00 (2022.01)
(31) 63/464,845 **(32)** 08.05.23 **(33)** US
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(72) CELLA, Charles H.; LOCKE, Andrew; EL-TAHRY, Teymour S.; PARENTI, Jenna; STEIN, David; FORTIN JR., Leon
(74) ET Intellectual Property
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- (71)** SUNFLOW, INC.
(11) AU-A-2023280880
(21) 2023280880 **(22)** 31.05.2023
(54) PILLOW
(51) Int. Cl.
A47C 7/38 (2006.01)
(87) WO2023/235367
(31) 17/830,749 **(32)** 02.06.22 **(33)** US
(43) 07.12.2023
(72) HSU BESNER, Leslie; SERVAITES, Jeffrey
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71)** SUNGROW POWER SUPPLY (NANJING) CO., LTD.
(11) AU-A-2022464702
(21) 2022464702 **(22)** 26.12.2022
(54) CONTROL METHOD AND APPARATUS OF ENERGY STORAGE SYSTEM, POWER SUPPLY SYSTEM AND ELECTRONIC DEVICE
(51) Int. Cl.
G06Q 10/06 (2023.01)
G06Q 30/06 (2023.01)
G06Q 50/06 (2012.01)
H02J 3/00 (2006.01)
H02J 3/28 (2006.01)
(87) WO2023/240994
(31) 202210679448.5 **(32)** 15.06.22 **(33)** CN
(43) 21.12.2023
(72) ZHANG, Quan; ZHANG, Xinjie; XIA, Yanhui
(74) FB Rice Pty Ltd
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- (71)** SUZHOU GENHOUSE BIO CO., LTD.
(11) AU-A-2023254010
(21) 2023254010 **(22)** 14.04.2023
(54) OXADIAZOLE COMPOUND, PHARMACEUTICAL COMPOSITION COMPRISING SAME, AND USE THEREOF
(51) Int. Cl.
C07D 417/04 (2006.01)
A61K 31/5415 (2006.01)
A61K 31/545 (2006.01)
A61P 25/28 (2006.01)
A61P 35/00 (2006.01)
(87) WO2023/198172
(31) 202210401425.8 **(32)** 15.04.22 **(33)** CN
(43) 19.10.2023
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(74) FB Rice Pty Ltd
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- (71)** SVITZER A/S
(11) AU-A-2023250010
(21) 2023250010 **(22)** 05.04.2023
(54) COUPLER
(51) Int. Cl.
B63B 21/04 (2006.01)
B63B 21/56 (2006.01)

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(72) BANGSLUND, Thomas
(74) Spruson & Ferguson

(71) SYNDAX PHARMACEUTICALS, INC.
(11) AU-A-2023269033
(21) 2023269033 **(22)** 09.05.2023
(54) MENIN-MLL INHIBITORS FOR THE TREATMENT OF CANCER
(51) Int. Cl.
A61K 31/506 (2006.01)
A61K 31/403 (2006.01)
A61K 31/427 (2006.01)
A61P 35/02 (2006.01)
A61P 35/04 (2006.01)
C07D 471/10 (2006.01)
C07D 519/00 (2006.01)
(87) WO2023/220098
(31) 63/339,635 **(32)** 09.05.22 **(33)** US
(43) 16.11.2023
(72) MORRISON, Briggs, W.; MCGEEHAN, Gerard, M.
(74) RnB IP

(71) SYNERGY MEDICAL BRG INC.
(11) AU-A-2023280066
(21) 2023280066 **(22)** 25.05.2023
(54) TRAY FOR SYSTEM FOR AUTOMATIC FILLING OF MEDICATION BLISTER CARDS
(51) Int. Cl.
A61J 7/00 (2006.01)
A61J 1/03 (2023.01)
B65B 5/08 (2006.01)
B65B 35/06 (2006.01)
B65B 35/38 (2006.01)
(87) WO2023/230705
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(43) 07.12.2023
(72) HÉBERT, Mathieu; CHALAH, Abderrahmane; BANVILLE, Stéphane
(74) RnB IP Pty Ltd

(71) T & R INTERIOR SYSTEMS LIMITED
(11) AU-A-2023278485
(21) 2023278485 **(22)** 30.05.2023
(54) SYSTEM AND PROCESS FOR PRODUCING A FLAME-RESISTANT MATERIAL
(51) Int. Cl.
D06M 11/71 (2006.01)
D04H 1/46 (2012.01)
D06B 1/02 (2006.01)
D06M 10/06 (2006.01)
D06M 10/08 (2006.01)
D06M 11/58 (2006.01)
D06M 11/84 (2006.01)
D06M 13/144 (2006.01)
D06M 13/192 (2006.01)
D06M 13/207 (2006.01)
D06M 13/525 (2006.01)
D06M 13/53 (2006.01)
D06M 23/06 (2006.01)
E04B 1/74 (2006.01)
E04B 1/80 (2006.01)
E04B 1/84 (2006.01)

E04B 1/86 (2006.01)
E04B 1/90 (2006.01)
E04B 1/94 (2006.01)
E04B 2/74 (2006.01)
E04B 9/00 (2006.01)
G10K 11/168 (2006.01)
D06M 101/12 (2006.01)
(87) WO2023/233272
(31) 788814 **(32)** 30.05.22 **(33)** NZ
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(43) 07.12.2023
(72) THWAITE, Stephen Anthony Karl; LANDRETH, Hedda Maria; WALKER, Kelvin Robert
(74) James & Wells Intellectual Property

(71) TALON ENGINEERING SDN. BHD.
(11) AU-A-2023274299
(21) 2023274299 **(22)** 25.05.2023
(54) ATTACHMENT OF A HEEL SHROUD
(51) Int. Cl.
E02F 9/28 (2006.01)
E02F 3/14 (2006.01)
E02F 3/40 (2006.01)
E02F 3/60 (2006.01)
(87) WO2023/225718
(31) 2022901416 **(32)** 25.05.22 **(33)** AU
(43) 30.11.2023
(72) YECK, Wai Hoong; TAN, Jia Hou; DENNIS, Neil Robert
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(54) A HANG-OFF SYSTEM FOR MEASURING A TOP TENSION IN A FLEXIBLE PIPE, ASSOCIATED ASSEMBLY AND ASSEMBLING METHOD
(51) Int. Cl.
F16L 1/19 (2006.01)
E21B 17/01 (2006.01)
E21B 17/08 (2006.01)
E21B 19/00 (2006.01)
E21B 47/007 (2012.01)
F16L 1/20 (2006.01)
F16L 33/01 (2006.01)
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(31) 22305669.8 **(32)** 05.05.22 **(33)** EP
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(51) Int. Cl.
A23L 33/10 (2016.01)
A23J 3/14 (2006.01)
A23J 3/16 (2006.01)

A23L 33/105 (2016.01)
A23L 33/185 (2016.01)
A23P 10/30 (2016.01)
A61K 31/52 (2006.01)
A61K 31/522 (2006.01)
A61K 31/706 (2006.01)
A61K 36/18 (2006.01)
A61K 36/185 (2006.01)
A61K 36/48 (2006.01)
A61P 3/02 (2006.01)
B82Y 40/00 (2011.01)
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A61N 1/05 (2006.01)
A61N 1/36 (2006.01)
A61N 1/365 (2006.01)
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(54) DEVICES, SYSTEMS, AND METHODS FOR PERFORMING THROMBECTOMY PROCEDURES
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A61B 17/22 (2006.01)
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(54) METHODS AND COMPOSITIONS FOR TREATING OBESITY, OBESITY-RELATED DISEASES, FATTY LIVER AND FATTY LIVER ASSOCIATED DISEASES WITH ANTI-CD24 AGENTS

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A61K 39/39 (2006.01)
A61P 3/04 (2006.01)
C07K 16/32 (2006.01)
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(51) Int. Cl.
A61K 31/395 (2006.01)
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A61K 31/4745 (2006.01)
A61K 31/33 (2006.01)
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A61F 2/07 (2013.01)
A61M 25/14 (2006.01)
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A61K 8/64 (2006.01)
A61Q 7/00 (2006.01)
C07K 14/47 (2006.01)
A61P 17/14 (2006.01)
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A61K 39/395 (2006.01)
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C07K 16/28 (2006.01)
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A61B 5/00 (2006.01)
A61B 5/352 (2021.01)
A61B 5/361 (2021.01)
A61B 5/363 (2021.01)
A61B 5/364 (2021.01)
A61B 5/366 (2021.01)
A61N 1/37 (2006.01)
G06N 3/045 (2023.01)
G06N 3/0464 (2023.01)
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H01L 31/0216 (2014.01)
H01L 31/06 (2012.01)
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C07D 311/78 (2006.01)
C08L 83/04 (2006.01)
G03C 1/73 (2006.01)
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B04C 5/22 (2006.01)
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B08B 1/00 (2006.01)
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B01D 71/76 (2006.01)
B01D 71/06 (2006.01)
C08F 265/06 (2006.01)
C08F 265/04 (2006.01)
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F01D 15/10 (2006.01)
B60P 3/00 (2006.01)
B62D 53/00 (2006.01)
E21B 41/00 (2006.01)
F01D 25/28 (2006.01)
F02B 63/04 (2006.01)
F02C 7/24 (2006.01)
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A61K 31/7088 (2006.01)
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(51) Int. Cl.
B08B 9/032 (2006.01)
B01J 38/10 (2006.01)
B01J 38/58 (2006.01)
B08B 9/08 (2006.01)
B01J 29/90 (2006.01)
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C08F 220/56 (2006.01)
C08F 2/22 (2006.01)
C08F 2/48 (2006.01)
C08F 212/06 (2006.01)
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A01K 67/027 (2006.01)
A61K 31/7105 (2006.01)
A61P 27/02 (2006.01)
C07H 21/02 (2006.01)
A61K 9/51 (2006.01)
C12N 5/00 (2006.01)
C12N 15/864 (2006.01)
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A61K 35/22 (2015.01)
A61K 9/00 (2006.01)
A61K 9/06 (2006.01)
A61K 9/51 (2006.01)
A61K 35/12 (2015.01)
A61K 35/36 (2015.01)
A61K 35/38 (2015.01)
A61L 27/36 (2006.01)
A61L 27/52 (2006.01)
A61P 1/04 (2006.01)
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C12P 21/02 (2006.01)
A61K 38/12 (2006.01)
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A61M 60/13 (2021.01)
A61M 60/237 (2021.01)
A61M 60/808 (2021.01)
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A47J 27/00 (2006.01)
A47J 36/00 (2006.01)
A47J 37/00 (2006.01)
F24C 7/08 (2006.01)
F24C 15/32 (2006.01)
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A47J 31/46 (2006.01)
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(51) Int. Cl.

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G05B 19/00 (2006.01)
G08G 1/09 (2006.01)
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(51) Int. Cl.
H04W 4/029 (2018.01)
G01C 21/20 (2006.01)
G01S 5/02 (2010.01)
G01S 19/34 (2010.01)
G01S 19/42 (2010.01)
H04W 24/02 (2009.01)
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B60T 7/10 (2006.01)
B60T 13/66 (2006.01)
B60T 15/04 (2006.01)
B60T 17/22 (2006.01)
B61H 13/02 (2006.01)
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B25B 27/02 (2006.01)
E03F 1/00 (2006.01)
E03F 3/06 (2006.01)
F16L 25/00 (2006.01)
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E01F 13/12 (2006.01)
E01F 9/692 (2016.01)
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F41H 5/00 (2006.01)
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C04B 20/04 (2006.01)
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(11) AU-A-2023270751
(21) 2023270751 (22) 19.05.2023
(54) AUTOMATIC PIVOTING MECHANISM, SIDE IMPACT PROTECTION DEVICE, AND CHILD SAFETY SEAT
(51) Int. Cl.
B60N 2/28 (2006.01)
B60N 2/005 (2006.01)
B60N 2/90 (2018.01)
(87) WO2023/222893
(31) 202210558285.5 (32) 20.05.22 **(33)** CN
(43) 23.11.2023
(72) LIU, Zujian
(74) Allens Patent & Trade Mark Attorneys
-
- (71)** XENCOR, INC.; INCYTE CORPORATION
(11) AU-A-2023264582
(21) 2023264582 (22) 10.04.2023
(54) METHODS FOR TREATING LYMPHOMA
(51) Int. Cl.
A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
(87) WO2023/215674
(31) 63/337,941 (32) 03.05.22 **(33)** US
 63/340,909 11.05.22 US
(43) 09.11.2023
(72) AINSWORTH, William; KYE, Steve;
 CHIARELLA, Michael; CLYNES, Raphael; LIEBOWITZ, David
(74) Houlihan Intellectual Property Pty Ltd
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- (71)** YALE UNIVERSITY
(11) AU-A-2023265523
(21) 2023265523 (22) 04.05.2023
(54) SUBSTITUTED IMIDAZOPYRIDINES AND IMIDAZOPYRIMIDINES, AND USE OF SAME FOR TREATING, AMELIORATING, AND/OR PREVENTING RETINAL DEGENERATION
(51) Int. Cl.
C07D 487/04 (2006.01)
C07D 403/12 (2006.01)
A61K 31/519 (2006.01)
C07D 471/04 (2006.01)
(87) WO2023/215465
(31) 63/338,264 (32) 04.05.22 **(33)** US
 63/411,405 29.09.22 US
(43) 09.11.2023
(72) FIELDS, Mark; HOYER, Denton; DELPRIORE, Lucian; CAI, Huey
(74) RnB IP

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(71) ZEAKAL, INC.
 (11) AU-A-2023264878
 (21) 2023264878 (22) 04.05.2023
 (54) METHODS AND COMPOSITIONS FOR MODIFYING SEED COMPOSITION
 (51) Int. Cl.
A01H 1/00 (2006.01)
A23J 1/14 (2006.01)
C07K 14/415 (2006.01)
C12N 9/10 (2006.01)
C12N 15/82 (2006.01)
 (87) WO2023/214341
 (31) 2022901207 (32) 06.05.22 (33) AU
 (43) 09.11.2023
 (72) CURRAN, Amy; BRYAN, Gregory; ROBERTS, Nicholas John; CHEN, Han
 (74) Foote Intellectual Property Limited

(71) ZHEJIANG HUAYOU COBALT CO., LTD.
 (11) AU-A-2023433482
 (21) 2023433482 (22) 30.08.2023
 (54) CONTROLLED OXIDATION HIGH PRESSURE ACID LEACHING PROCESS FOR LATERITE NICKEL ORE, LEACHATE, AND APPLICATION OF BIOMASS
 (51) Int. Cl.
C22B 1/00 (2006.01)
C22B 3/04 (2006.01)
C22B 23/00 (2006.01)
 (31) 202310513197.8 (32) 05.05.23 (33) CN
 (43) 21.11.2024
 (72) REN, Jialin; HUANG, Chuqi; ZHAO, Yixuan; FENG, Zhimin
 (74) Griffith Hack

(71) ZHENSHI GROUP HUAMEI NEW MATERIALS CO., LTD.
 (11) AU-A-2023267334
 (21) 2023267334 (22) 31.03.2023
 (54) FRAME STRUCTURE OF PHOTO-VOLTAIC ASSEMBLY AND PRODUCTION PROCESS FOR FRAME STRUCTURE
 (51) Int. Cl.
H02S 30/10 (2014.01)
 (87) WO2023/216759
 (31) 202210503396.6 (32) 10.05.22 (33) CN
 (43) 16.11.2023
 (72) ZHANG, Jiankan; QUAN, Lijun; ZHANG, Jiadong; JIANG, Dong; ZHOU, Shenglin; LI, Xuejian; LIU, Zhaojun; WANG, Yunming
 (74) PIPERS

(71) ZHU, X.
 (11) AU-A-2023273845
 (21) 2023273845 (22) 16.05.2023
 (54) CHONDROITIN SULFATE BIOLOGICAL POLYAMINE COMPOUND, PREPARATION METHOD THEREFOR AND USE THEREOF
 (51) Int. Cl.
A61K 31/737 (2006.01)

A61K 47/18 (2017.01)
A61P 3/06 (2006.01)
A61P 19/02 (2006.01)
A61P 29/00 (2006.01)
A61P 39/06 (2006.01)
A61P 43/00 (2006.01)
 (87) WO2023/221977
 (31) 202210551251.3 (32) 18.05.22 (33) CN
 (43) 23.11.2023
 (72) ZHU, Xiaofeng; ZHAO, Yuxiang; GAO, Fanbo; SONG, Fengjie; MA, Chenyang; ZHU, Xingyu
 (74) AJ PARK

(71) ZHUHAI YUFAN BIOTECHNOLOGIES CO., LTD
 (11) AU-A-2023255903
 (21) 2023255903 (22) 29.03.2023
 (54) USE OF HPK1 INHIBITOR IN PREVENTION AND/OR TREATMENT OF HUMAN PATHOGEN INFECTION
 (51) Int. Cl.
A61K 31/4545 (2006.01)
A61K 31/4439 (2006.01)
A61K 31/496 (2006.01)
A61K 31/551 (2006.01)
A61P 31/00 (2006.01)
A61P 31/04 (2006.01)
A61P 31/10 (2006.01)
A61P 31/12 (2006.01)
A61P 31/14 (2006.01)
A61P 31/20 (2006.01)
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A61P 35/00 (2006.01)
A61P 35/02 (2006.01)
C07D 401/04 (2006.01)
C07D 401/14 (2006.01)
C07D 417/04 (2006.01)
C07D 417/14 (2006.01)
C07D 421/14 (2006.01)
 (87) WO2023/202336
 (31) 202210427491.2 (32) 22.04.22 (33) CN
 (43) 26.10.2023
 (72) LIN, Xingyu
 (74) Madderns Pty Ltd

(71) ZOOMESSENCE, INC.
 (11) AU-A-2023265967
 (21) 2023265967 (22) 01.05.2023
 (54) DEGRADATION-RESISTANT ALDEHYDE-CONTAINING COMPOSITIONS
 (51) Int. Cl.
A23L 2/39 (2006.01)
A23L 2/52 (2006.01)
A23L 2/56 (2006.01)
A23L 2/66 (2006.01)
A23L 2/02 (2006.01)
A23L 33/10 (2016.01)
 (87) WO2023/215706
 (31) 63/337,310 (32) 02.05.22 (33) US
 (43) 09.11.2023
 (72) BEETZ, Charles, Pershing; CHO, Ki, Yul; TYSZKIEWICZ, Robert; HARDEK, Steven, Charles; SCHLIPF, Daniel, Michael
 (74) Northern Lights IP

(71) ZTE CORPORATION
 (11) AU-A-2022480071

(21) 2022480071 (22) 30.09.2022
 (54) A METHOD FOR SIGNAL PROCESSING
 (51) Int. Cl.
H04W 52/02 (2009.01)
H04W 68/00 (2009.01)
 (87) WO2024/065727
 (43) 04.04.2024
 (72) MA, Xuan; CHEN, Mengzhu; XU, Jun; DAI, Bo; GUO, Qiuji; MA, Xiaoying; HU, Youjun
 (74) Davies Collison Cave Pty Ltd

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2022464702	SUNGROW POWER SUPPLY (NANJING) CO., LTD.	2023251663	GLYCANOSTICS S.R.O.
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2022473994	DEERE & COMPANY	2023252879	ORCA BIOSYSTEMS, INC.
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2023250230	CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS (CSIC)	2023259740	JJ & D INNOVATIONS PTY LTD
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2023278601	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI	2023323858	F. HOFFMANN-LA ROCHE AG
2023278919	SHELL INTERNATIONALE RESEARCH MAATSCHAP- PIJ B.V.	2023327880	BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.
2023279718	DEEPX DIAGNOSTICS, INC.	2023329097	F. HOFFMANN-LA ROCHE AG
2023279821	CASALE SA	2023336377	RINNAI CORPORATION
2023279914	BÔME S.R.L.	2023411862	SHENZHEN JISU TECHNOLOGY CO., LTD
2023280065	SHOPIFY INC.	2023432026	IDEAL SANITARY WARE CO., LTD.
2023280066	SYNERGY MEDICAL BRG INC.	2023433482	ZHEJIANG HUAYOU COBALT CO., LTD.
2023280395	CAREDX, INC.	2023433486	24M TECHNOLOGIES, INC.
2023280631	SHOPIFY INC.	2023434805	HUANG, Z.
2023280880	SUNFLOW, INC.	2023442671	WILLIAM MARSH RICE UNIVERSITY
2023281040	SHELL INTERNATIONALE RESEARCH MAATSCHAP- PIJ B.V.	2023444280	ECLIPSE REGENESIS, INC.
2023281126	SANDVIK MINING AND CONSTRUCTION OY	2024205596	VERSUNI HOLDING B.V.
2023281284	KENVUE BRANDS LLC	2024219945	JGB INNOVATIONS PTY LTD
2023281954	MEDICAL MICROINSTRUMENTS, INC.	2024220187	FONTERRA CO-OPERATIVE GROUP LIMITED
2023282374	F. HOFFMANN-LA ROCHE AG	2024220200	STRONG FORCE VCN PORTFOLIO 2019, LLC
2023283372	ACADEMIA SINICA	2024220201	STRONG FORCE VCN PORTFOLIO 2019, LLC
2023283550	SANTA ANA BIO, INC.	2024227603	SHANGHAI SHEMAR POWER ENGINEERING CO., LTD.
2023285585	JOINT STOCK COMPANY "BIOCAD"	2024227650	VYPPEX PTY LTD
2023286341	RAYTHEON COMPANY	2024227778	BIOTECH, INC.
2023286427	SMITH & NEPHEW, INC.; SMITH & NEPHEW ORTHO- PAEDICS AG; SMITH & NEPHEW ASIA PACIFIC PTE. LIMITED	2024240605	ADVANTEK WASTE MANAGEMENT SERVICES, LLC
2023286748	METAMORPHOSIS GMBH	2024245383	VERSUNI HOLDING B.V.
2023287734	MAKO SURGICAL CORPORATION	2024255587	ROUSSELOT BV
2023287799	89BIO INC.	2024258045	BPW BERGISCHE ACHSEN KOMMANDITGESELL- SCHAFT
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<u>E21D 7 /-</u>	2023411862	2023249433	2023309459	2023266575	2023255609
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<u>F01P 7 /-</u>	2023286341	2023278601	2023434805	2023276757	2022459436
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 B66C 1/12 (2006.01)
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G16H 20/17 (2018.01)
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B65D 83/00 (2006.01)
B65B 3/00 (2006.01)
B65B 3/28 (2006.01)
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B65D 83/04 (2006.01)
G16H 40/63 (2018.01)
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 methods of making and using the same
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B60M 7/00 (2006.01)
H01R 24/38 (2011.01)
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H01M 4/36 (2006.01)
H01M 4/136 (2010.01)
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H04W 72/04 (2023.01)
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A61K 31/675 (2006.01)
A61K 47/18 (2017.01)
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 (54) ELECTRODE APPARATUS FOR BLOCKING OR CONTROLLING NERVES IN BODY
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A61N 1/05 (2006.01)
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A61M 16/08 (2006.01)
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A61M 16/20 (2006.01)
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 Samantha Dale; Evans, Alicia Jer-
 ram Hunter; Spence, Callum James
 Thomas; White, Craig Karl; Cheung,
 Dexter Chi Lun; Payton, Matthew Jon;
 Barraclough, Michael Robert; Smith,
 Daniel John; Powell, Kevin Blake
 (74) AJ PARK

(71) FISHER & PAYKEL HEALTHCARE
 LIMITED
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 (21) 2022215199 (22) 10.08.2022
 (54) HEADGEAR FOR PATIENT INTER-
 FACE
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A61M 16/06 (2006.01)
A62B 9/04 (2006.01)

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A62B 18/02 (2006.01)
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C02F 1/48 (2006.01)
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A61K 39/395 (2006.01)
A61K 48/00 (2006.01)
A61P 35/00 (2006.01)
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A01G 24/25 (2018.01)
B01J 20/28 (2006.01)
B32B 3/02 (2006.01)
B32B 5/06 (2006.01)
C08L 97/02 (2006.01)
D05C 17/02 (2006.01)
E01C 13/08 (2006.01)
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G16H 40/60 (2018.01)
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A63B 21/005 (2006.01)
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B05B 15/65 (2018.01)
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C12N 15/67 (2006.01)
C12P 21/00 (2006.01)
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H04R 1/10 (2006.01)
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H04B 7/024 (2017.01)
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G06N 10/20 (2022.01)
G06N 10/60 (2022.01)
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B05B 1/32 (2006.01)
B05B 3/02 (2006.01)
B05B 7/02 (2006.01)
B05B 15/52 (2018.01)
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A01D 17/10 (2006.01)
B65G 15/52 (2006.01)
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 (51) Int. Cl.
B25B 27/02 (2006.01)
B25B 27/14 (2006.01)
B25B 27/18 (2006.01)
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 (31) 62/733,507 (32) 19.09.18 (33) US
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F16G 11/10 (2006.01)
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 (51) Int. Cl.
F04D 15/00 (2006.01)
F04D 13/12 (2006.01)
F04D 13/14 (2006.01)
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G05B 23/02 (2006.01)
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 (54) INFORMATION PROCESSING METHOD AND APPARATUS, AND STORAGE MEDIUM
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H04N 21/41 (2011.01)
G06F 3/14 (2006.01)
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 (54) Electric potentially-driven shade with improved coil strength, methods of making the same and method of operating the same
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E06B 9/24 (2006.01)
G02B 26/08 (2006.01)
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 (54) Electric potentially-driven shade including shutter supporting surface-modified conductive coating, methods of making the same and method of operating the same
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E06B 9/24 (2006.01)
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 (54) METHOD FOR ALLOCATING ELECTRICAL ENERGY WITHIN AN ELECTROLYSIS PLANT
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H02J 3/14 (2006.01)
C25B 1/02 (2006.01)
H02J 11/00 (2006.01)
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A61K 31/4412 (2006.01)
A61P 25/28 (2006.01)
A61P 29/00 (2006.01)
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G06K 17/00 (2006.01)
B65G 1/04 (2006.01)
G06Q 10/08 (2023.01)
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 (54) Strain sensor based downhole fluid density measurement tool
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G01V 3/26 (2006.01)
E21B 47/00 (2012.01)
E21B 49/08 (2006.01)
G01N 9/36 (2006.01)
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 (54) Method and system to determine variations in a fluidic channel
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E21B 47/00 (2012.01)
F16L 55/26 (2006.01)
G01L 19/08 (2006.01)
F16L 101/30 (2006.01)
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E21B 7/06 (2006.01)
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G02B 6/44 (2006.01)
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E01C 11/22 (2006.01)
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C07J 9/00 (2006.01)
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 (54) System of Device Authentication
 (51) Int. Cl.
G06F 21/31 (2013.01)
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 C08L 3/02 (2006.01)
 C12N 1/21 (2006.01)
 C12N 15/52 (2006.01)
 C12P 1/00 (2006.01)
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C22C 38/00 (2006.01)
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A61P 35/00 (2006.01)
A61K 31/04 (2006.01)
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C08L 63/00 (2006.01)
C08L 33/12 (2006.01)
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 (51) Int. Cl.
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D04H 1/68 (2012.01)
D21F 11/00 (2006.01)
D21H 11/12 (2006.01)
D21H 13/08 (2006.01)

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 (54) Apparatus, method and computer pro-
 gram product for designing blasting or-
 der
 (51) Int. Cl.
E21D 9/00 (2006.01)
E21B 7/02 (2006.01)
F42D 1/055 (2006.01)
F42D 3/04 (2006.01)
G06F 30/00 (2020.01)
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 method for electric mining machine
 (51) Int. Cl.
B60L 50/60 (2019.01)
B60K 1/02 (2006.01)
B60K 1/04 (2019.01)
B60L 7/10 (2006.01)
B60L 58/18 (2019.01)
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 VOCHOSKA, Christopher
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(71) Sanofi
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A61M 5/24 (2006.01)
A61M 5/315 (2006.01)
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 MAN, Gavin; O'HARE, Aidan Michael;
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B65D 5/42 (2006.01)
B65D 77/04 (2006.01)
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(54) PUZZLE KITS
(51) Int. Cl.
A63F 9/08 (2006.01)
A63F 9/12 (2006.01)
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G06F 9/50 (2006.01)
G05B 19/418 (2006.01)
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C07K 14/495 (2006.01)
A61K 38/18 (2006.01)
C07K 16/00 (2006.01)
C12N 15/09 (2006.01)
G01N 33/53 (2006.01)
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A61M 25/09 (2006.01)
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F16J 15/02 (2006.01)
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A61P 13/00 (2006.01)
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A01H 6/82 (2018.01)
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A01H 6/82 (2018.01)
A01H 5/08 (2018.01)
A01H 5/10 (2018.01)
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C07K 16/30 (2006.01)
A61K 39/00 (2006.01)
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A61P 35/00 (2006.01)
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A61K 31/222 (2006.01)
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B27N 3/28 (2006.01)
B29B 9/00 (2006.01)
B29B 9/12 (2006.01)
B29C 48/00 (2019.01)
B29C 48/15 (2019.01)
B29C 48/16 (2019.01)
B32B 21/08 (2006.01)
B32B 27/30 (2006.01)
B27M 3/00 (2006.01)
E06B 3/10 (2006.01)
E06B 3/30 (2006.01)
B29K 27/06 (2006.01)
B29K 71/11/14 (2006.01)
B29L 7/00 (2006.01)
B29L 9/00 (2006.01)
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 (51) Int. Cl.
B65G 1/04 (2006.01)
B65G 1/137 (2006.01)
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 (72) Vrdoljak, Ognjen; Innes, Dan
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 (51) Int. Cl.
C07K 16/10 (2006.01)
A61K 39/395 (2006.01)
A61K 47/68 (2017.01)
A61P 31/14 (2006.01)
C12N 15/13 (2006.01)
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C12P 21/08 (2006.01)
G01N 33/569 (2006.01)
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 (54) METHOD FOR OPERATING A DC-DC CONVERTER FOR SUPPLYING AN ELECTROLYSIS DEVICE WITH ELECTRICAL OPERATING POWER
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H02M 3/156 (2006.01)
H02M 3/158 (2006.01)
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H02P 13/06 (2006.01)
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B29C 64/124 (2017.01)
B29C 64/241 (2017.01)
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B29C 64/321 (2017.01)
B33Y 30/00 (2015.01)
B33Y 40/00 (2020.01)
G01F 23/26 (2006.01)
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 (74) Patent Attorney Services

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 (54) Rope Grab Device For A Portable Power Driven System
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B66D 3/20 (2006.01)
A62B 1/06 (2006.01)
A62B 35/00 (2006.01)
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 (43) 02.02.2023
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A61M 5/142 (2006.01)
A61M 5/14 (2006.01)
F04B 43/00 (2006.01)
F04B 43/08 (2006.01)
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 (54) Pawl mechanism for ratchet tool
 (51) Int. Cl.
B25B 13/46 (2006.01)
B25B 23/00 (2006.01)
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 (72) ROSS, David T.
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 (54) CEMENTITIOUS COMPOSITION COMPRISING A POLYMERIC MICRO-GEL AS AN ANTI-GAS MIGRATION AGENT
 (51) Int. Cl.
C04B 28/02 (2006.01)
C04B 24/16 (2006.01)
C09K 8/467 (2006.01)
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A47J 31/44 (2006.01)
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 (51) Int. Cl.
E02F 3/06 (2006.01)
B62D 55/06 (2006.01)
E02F 5/04 (2006.01)
E21B 3/04 (2006.01)
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E04G 11/06 (2006.01)
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F26B 3/12 (2006.01)
B01J 2/02 (2006.01)
B05B 5/03 (2006.01)
B05B 7/06 (2006.01)
F26B 21/00 (2006.01)
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C07C 273/04 (2006.01)
B01D 53/00 (2006.01)
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C07C 273/14 (2006.01)
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 (54) Wear liner retention devices, and related assemblies and methods
 (51) Int. Cl.
B02C 17/00 (2006.01)
B02C 4/00 (2006.01)
B02C 17/22 (2006.01)
G01B 7/02 (2006.01)
G01N 3/56 (2006.01)
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 (74) AJ PARK

Stichting Katholieke Universiteit see Icahn School of Medicine at Mount Sinai
 (21) 2018370828

(71) Stowe Woodward Licensco LLC
 (11) AU-B-2021377602
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 (54) Seal strip wear and temperature monitoring systems and assemblies therefor
 (51) Int. Cl.
G01B 17/04 (2006.01)
D21F 3/10 (2006.01)
G01B 17/02 (2006.01)
G01J 5/00 (2022.01)
G01J 5/10 (2006.01)
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 (74) RnB IP Pty Ltd

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A61B 17/32 (2006.01)
A61B 18/12 (2006.01)
B06B 1/02 (2006.01)
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 (51) Int. Cl.
 A61B 17/14 (2006.01)
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 (51) Int. Cl.
 A61B 18/12 (2006.01)
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 (54) Cutting assembly for surgical instrument with clog-reducing hub
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 H02G 1/00 (2006.01)
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 A61K 8/64 (2006.01)
 A61K 8/73 (2006.01)
 A61K 8/891 (2006.01)
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 A61Q 17/04 (2006.01)
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A61M 16/00 (2006.01)
A61B 5/08 (2006.01)
A61B 5/087 (2006.01)
A61H 31/00 (2006.01)
A61M 16/06 (2006.01)
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G16H 40/63 (2018.01)
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C01B 3/30 (2006.01)
B01J 8/08 (2006.01)
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C11D 1/29 (2006.01)
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C08L 23/06 (2006.01)
C01B 32/192 (2017.01)
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B29C 67/00 (2017.01)
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F41C 27/00 (2006.01)
F41G 1/16 (2006.01)
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F41G 1/387 (2006.01)

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B66F 9/07 (2006.01)
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F16N 27/00 (2006.01)
B05C 11/10 (2006.01)
F16N 7/14 (2006.01)
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G06V 20/13 (2022.01)
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E21B 43/16 (2006.01)
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F03G 4/00 (2006.01)
F03G 7/04 (2006.01)
F24T 10/00 (2018.01)
F24V 40/00 (2018.01)
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F01K 25/10 (2006.01)
H05K 7/20 (2006.01)
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B60G 17/018 (2006.01)
B60G 17/015 (2006.01)
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A45C 3/10 (2006.01)
A45C 11/20 (2006.01)
A45C 11/22 (2006.01)
A45C 13/00 (2006.01)
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 A45C 5/14 (2006.01)
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 F25D 3/08 (2006.01)
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 H04B 7/06 (2006.01)
 H04L 5/00 (2006.01)
 H04W 72/04 (2023.01)
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 B01D 61/08 (2006.01)
 B01D 61/46 (2006.01)
 C02F 1/44 (2006.01)
 C02F 1/461 (2006.01)
 C02F 1/469 (2006.01)
 C02F 1/58 (2006.01)
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 (74) FB Rice Pty Ltd

(71) Zoetis Services LLC
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 B01L 3/00 (2006.01)
 B29C 65/14 (2006.01)
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2017356190	Translate Bio, Inc.		
2017356928	University of Central Florida Research Foundation, Inc.	2019210085	Soilmec S.p.A
2017364818	Chugai Seiyaku Kabushiki Kaisha	2019210705	Royal Melbourne Institute of Technology
2017371329	The UAB Research Foundation	2019210712	InQuik IP Holdings Pty Ltd
2017382367	Visterra, Inc.	2019211232	Dexcom, Inc.
2017382850	Cephalon LLC	2019214483	Gripple Limited
2018200745	Rheem Australia Pty Limited	2019215460	Ecolab USA Inc.
2018205484	The Regents of the University of California; Sixal, Inc.	2019216305	BeyondSpring Pharmaceuticals, Inc.
2018222905	Deere & Company	2019216427	Odin Sleep, LLC
2018230458	Thomas Jefferson University	2019221088	Integral Scopes Pty Ltd
2018250553	Arbutus Biopharma Corporation	2019222746	Wilcox Industries Corp.
2018253303	Regenxbio Inc.	2019223906	Les Laboratoires Servier
2018253959	Fondazione Telethon ETS; Ospedale San Raffaele S.r.l.	2019224138	Primo Medical Group, Inc.
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2018256925	AgroSpheres, Inc.	2019228200	NGI A/S
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2018298443	Medicover Public Co Ltd	2019230195	Lumiphore, Inc.
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2018302110	Nucleus Therapeutics Pty Ltd; Yale University		
2018309716	Regeneron Pharmaceuticals, Inc.	2019231700	Scientia Vascular, Inc.
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2018316436	Nunhems B.V.	2019235660	Fisher & Paykel Healthcare Limited
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2018346649	Freeflow Technologies Limited	2019246887	Caterpillar Global Mining Equipment LLC
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2018359528	Kimberly-Clark Worldwide, Inc.	2019248022	JD Sanmed Medical Technology Pty Ltd
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		2019250187	Prysmian S.p.A.
2018365001	Vinventions USA, LLC	2019250512	Grimme Landmaschinenfabrik GmbH & Co KG
2018366034	The University of North Carolina at Chapel Hill	2019250773	Colour Tone Masterbatch Ltd
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		2019253041	Panavision International, L.P.
2018371710	Dramm Corporation of Manitowoc	2019254245	Electrolux Appliances Aktiebolag
2018371846	Facegenics Inc.	2019256615	Becton, Dickinson and Company
2018375135	The Regents of the University of Michigan	2019256698	The Texas A & M University System
2018375398	Regeneron Pharmaceuticals, Inc.	2019257466	Samsonite IP Holdings S.à r.l.
2018375796	Regeneron Pharmaceuticals, Inc.	2019260816	Esoteric, LLC.
2018375969	Metso Outotec Finland Oy	2019261721	Fish Guidance Systems Ltd
2018378273	Fisher & Paykel Healthcare Limited	2019261767	Deere & Company
2018381241	Stryker Corporation	2019262142	Rigel Pharmaceuticals, Inc.
2018383609	California Institute of Technology; Foldax, Inc.	2019265730	Lanvira, LLC
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2018387831	Fundació Privada Institut d'Investigació Oncològica de Vall Hebron; AstraZeneca UK Limited; Xentech SAS	2019270277	MedImmune Limited; Innate Pharma
		2019274772	Klaria Pharma Holding AB
2018388965	Smiths Medical ASD, Inc.	2019276564	CareFusion 303, Inc.
2018390382	Jemella Limited	2019276572	Rakuten Medical, Inc.
2018392315	Sachs, D.; Soykan, O.	2019276855	DePuy Synthes Products, Inc.
2018400233	Billi Australia Pty Ltd	2019280073	Fugro N.V.
2018436515	Wisk Aero LLC	2019282031	Gjosa SA
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		2019288471	Cugene Inc.
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2019200331	Mercury Capture Intellectual Property, LLC	2019289064	Okta, Inc.
2019200700	Pandrol (Vortok) Limited	2019289200	BicycleTx Limited
2019201254	QIOPTIQ LIMITED	2019291452	Dometic Sweden AB
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2019301603	Torxx Kinetic Pulverizer Limited	2020226137	AKVA Group ASA
2019302423	Codexis, Inc.	2020229990	Sirona Dental Systems GmbH; Dentsply Sirona Inc.
2019304205	Bicocchi, E.	2020249679	Orion Corporation
2019306052	MAM Baby AG	2020254063	Härting Eckman, S.L.; Markovits Rojas, A.
2019306115	Extrakt Process Solutions, LLC	2020259426	A-Dec, Inc.
2019306490	ICU Medical, Inc.	2020269071	InsituGen Limited
2019308235	Hubbell Incorporated	2020282774	Murphy, S.
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2019316800	Mentor Worldwide LLC	2020289581	Regeneron Pharmaceuticals, Inc.
2019318450	Société Des Produits Nestlé SA	2020290892	Raytheon Company
2019320533	Kardion GmbH	2020303561	Pioneer Surgical Technology, Inc.
2019324739	Moharram Ventures Inc.	2020307966	Ethicon, Inc.
2019326535	Zoetis Services LLC	2020320867	Aurora Operations, Inc.
2019326622	China Petroleum & Chemical Corporation; Research Institute of Petroleum Processing, Sinopec	2020324183	Jiangsu Simcere Pharmaceutical Co., Ltd.; Simcere Bio-Pharmaceutical Technology, Ltd.
2019326915	dormakaba Schweiz AG	2020341085	Yokogawa Electric Corporation; De Nora Permelec Ltd
2019329130	Ultupharma AB	2020343713	Steed, D.; Poulsen, S.; Fairbourne, J.
2019330367	Unichem Laboratories Limited	2020343926	Novartis AG
2019330991	Blue Planet Systems Corporation	2020386840	Raytheon Company
2019332971	Edwards Lifesciences Corporation	2020391126	HOLOGIC, INC.
2019333310	Praxis Precision Medicines, Inc.	2020401400	Somero Enterprises, Inc.
2019336768	SANDVIK MINING AND CONSTRUCTION OY	2020402860	Egalon, C.
2019336793	The Regents of the University of California	2020415294	CNH Industrial America LLC
2019344488	4subsea AS	2020416082	Paul Hartmann AG
2019344595	Grip Holdings LLC	2020418337	Stamicarbon B.V.
2019349413	Valeda Company (d/b/a "Q'Straint")	2020430909	Hitachi, Ltd.
2019352645	Mastercard Technologies Canada ULC	2020439080	Liang, C.
2019353650	Janssen Pharmaceuticals, Inc.	2020447972	Ecolution KWH, LLC
2019360212	Bio Health Frontiers, Inc.	2020458578	Front Line Medical Technologies Inc.
2019362388	Thales	2020461178	Han, C.
2019363558	I4F Licensing NV	2021203071	UBI IP Holdings
2019364655	Thales	2021204047	ImmunoGen, Inc.
2019365232	Flow-Tech Systems, LLC.	2021204415	Scholar Rock, Inc.
2019370384	Spraying Systems Co.	2021204719	Astellas Institute for Regenerative Medicine
2019373263	Paegasus Médical SA	2021214534	LISCure Biosciences Co., Ltd.
2019375994	DSM IP Assets, B.V.; Kaleido Biosciences, Inc.	2021215788	Witron Logistik + Informatik GmbH
2019377269	Ethicon, Inc.	2021218181	AnGes, Inc.; OSAKA UNIVERSITY
2019377910	Elgi Equipment Ltd	2021220887	Shanghai Escugen Biotechnology Co., Ltd.
2019379542	Integrated Protein Technologies, Inc.	2021228098	Huahui Health Ltd.; National Institute of Biological Sciences, Beijing
2019382968	Avaxzipen Limited	2021240488	Shanghai Quicktron Intelligent Technology Co., Ltd
2019386235	Farmalider, S.A.	2021246368	ENEOS Corporation
2019389899	Ethicon, Inc.	2021261147	Duogenic StemCells Corporation
2019391031	Automatic Bar Controls, Inc.; Veloz, S.	2021261330	Axon Enterprise, Inc.
2019398893	RSD Holdings Limited	2021266391	Nokia Technologies Oy
2019399135	Orbis Mining Pty Ltd	2021268906	Nuovo Pignone Tecnologie - S.r.l.
2019403083	Avent, Inc.	2021280265	Eli Lilly and Company
2019406923	Sandvik Mining and Construction Oy; Sandvik Mining and Construction Tools AB	2021283905	Monosol, LLC
2019409014	Cosmetic Warriors Limited	2021285116	Ocado Innovation Limited
2019409284	Sanofi	2021285330	Shenzhen Immunotherapy Biotech Co., Ltd.
2019412710	CreativeQuantum GmbH	2021287460	VALE S.A.; Universidade Federal de Minas Gerais - UFMG
2019417030	Genesys Cloud Services, Inc.	2021300617	Reeves Wireline Technologies Limited
2019417446	Avent, Inc.	2021301369	Metso Outotec USA Inc.
2019419036	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	2021304772	Med Storm Innovation AS
2019420110	University of Kentucky Research Foundation	2021311780	TUNAP GmbH & Co. KG; OECOPAC GRUNERT VERPACKUNGEN GmbH
2019427466	Razer (Asia-Pacific) Pte. Ltd.	2021311976	CCTEG Beijing Tianma Intelligent Control Technology Co., Ltd.; Beijing CCRI-Tianma Automation Technology Co., Ltd.
2019436991	Panasonic Intellectual Property Corporation of America	2021312774	G2 Greenplay Organics, LLC; Menon, S.
2019464161	Breitkreuz, H.	2021326180	Chengdu Wending Technology Development Co., Ltd.
2019466267	Halliburton Energy Services, Inc.	2021330052	TCI Co., Ltd.
2019477996	Halliburton Energy Services, Inc.	2021336460	LG ELECTRONICS INC.
2019479685	Remegen Co., Ltd.	2021337478	LG ELECTRONICS INC.
2020204631	Peloton Interactive, Inc.	2021340635	June Life, Inc.
2020211565	Amgen Inc.	2021346808	Unilever Global IP Limited
2020213649	Sandvik Mining and Construction Oy	2021348956	INVENTIO AG
2020213833	Norsk Hydro ASA		
2020216061	Kinchington Holdings Pty Ltd		
2020218001	Dyno Nobel Asia Pacific Pty Limited		

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2021351505	TMRW LIFE SCIENCES, INC.	2022233702	RITTEC UMWELTECHNIK GMBH
2021358204	Komatsu Ltd.	2022233894	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI
2021358391	VERTIV S.R.L.	2022234837	KNORR-BREMSE GESELLSCHAFT MIT BESCHRÄNKTER HAFTUNG
2021360336	GOOGLE LLC	2022235629	WTI, Inc.
2021364314	Caribou Biosciences, Inc.	2022236332	THYSSENKRUPP UHDE GMBH; THYSSENKRUPP AG
2021370597	NIPPON STEEL CORPORATION	2022246414	Regeneron Pharmaceuticals, Inc.
2021376056	COLGATE-PALMOLIVE COMPANY	2022247140	THE UNIVERSITY OF SYDNEY; WESTERN SYDNEY LOCAL HEALTH DISTRICT
2021377533	ESPERA-WERKE GMBH	2022247620	DATANG MOBILE COMMUNICATIONS EQUIPMENT CO., LTD.
2021377602	Stowe Woodward Licensco LLC	2022249386	LIVEPERSON, INC.
2021382833	TOUCHSTONE INTERNATIONAL MEDICAL SCIENCE CO., LTD.	2022252708	Stryker European Holdings I, LLC
2021383888	TOUCHSTONE INTERNATIONAL MEDICAL SCIENCE CO., LTD.	2022252770	Abbott Diabetes Care Inc.
2021387608	DEKA PRODUCTS LIMITED PARTNERSHIP	2022253898	NETSCOUT SYSTEMS, INC.
2021387813	APPARO, LLC	2022255312	COLGATE-PALMOLIVE COMPANY
2021390673	COMPAGNIA COMMERCIALE SRL	2022256104	NUC Electronics Co., Ltd.
2021391392	INVENTIO AG	2022263489	Norton (Waterford) Limited
2021391403	GOOGLE LLC	2022263497	Promptu Systems Corporation
2021393225	Miwa Kankyo Co., Ltd.	2022263509	Ningbo Junhe Intelligent Technology Co., Ltd
2021393483	GUANGZHOU SHIYUAN ELECTRONIC TECHNO- LOGY COMPANY LIMITED; GUANGZHOU SHIRUI ELECTRONICS CO., LTD	2022264754	SIEMENS GAMESA RENEWABLE ENERGY INNOVA- TION & TECHNOLOGY S.L.
2021400142	ALPHA TAU MEDICAL LTD.	2022266599	ELI LILLY AND COMPANY; FUJIMORI KOGYO CO., LTD.
2021400722	TECHNISCHE UNIVERSITEIT DELFT	2022267952	CHIYODA CORPORATION
2021408337	GRUNDFOS HOLDING A/S	2022268281	Fisher & Paykel Healthcare Limited
2021409795	ELI LILLY AND COMPANY	2022268315	LANDA LABS (2012) LTD.
2021409979	BAKER HUGHES OILFIELD OPERATIONS LLC	2022270215	BAKER HUGHES OILFIELD OPERATIONS LLC
2021412505	INTERNATIONAL ADVANCED RESEARCH CENTRE FOR POWDER METALLURGY AND NEW MATERIALS (ARCI)	2022271432	Argenta Innovation Limited
2021413439	SHANGHAI HUILUN PHARMACEUTICAL CO., LTD.; SHANGHAI HUILUN JIANGSU PHARMACEUTICAL CO., LTD.	2022275509	MARA RENEWABLES CORPORATION
2021417216	AMERICAN STERILIZER COMPANY	2022278330	SIEMENS ENERGY GLOBAL GMBH & CO. KG
2021417771	QINGDAO HAIER REFRIGERATOR CO., LTD; HAIER SMART HOME CO., LTD.	2022279460	LG Electronics Inc.
2021421462	ASADA LADIES CLINIC	2022283295	HABASH, L.
2021424943	XINGZHONG (SHANDONG) ENERGY TECHNOLOGY CO., LTD.	2022291533	Burrell, A.I.
2021426776	DEEPCURE INC.	2022291535	ConMed Corporation
2021429543	OBI PHARMA, INC.	2022291551	Tongwei Solar (Meishan) Co., Ltd.
2021431870	HUAWEI TECHNOLOGIES CO., LTD.	2022292636	CONMED CORPORATION
2021438215	HITACHI INDUSTRIAL PRODUCTS, LTD.	2022295586	LG ELECTRONICS INC.
2021438406	DEEPCURE INC.	2022296361	YANSHAN UNIVERSITY
2021443191	TAIYUAN UNIVERSITY OF TECHNOLOGY	2022300181	MKS VISION, LLC
2021443970	VECTOR MAGNETICS LLC	2022300433	H2I GREENHYDROGEN GMBH
2021450034	NIPPON TELEGRAPH AND TELEPHONE CORPORA- TION	2022306374	X DEVELOPMENT LLC
2021456934	OAM PHOTONICS LLC	2022307657	F. HOFFMANN-LA ROCHE AG
2022200571	BioNTech SE; Genmab A/S	2022315275	Boston Scientific Neuromodulation Corporation
2022201346	Chugai Seiyaku Kabushiki Kaisha	2022343390	KSM TECHNOLOGY CO., LTD.
2022201546	Huntsman International LLC; Pursell Agri-Tech, LLC	2022371736	CONTEMPORARY AMPEREX TECHNOLOGY (HONG KONG) LIMITED
2022202170	TNBT Holdings Pty Ltd	2022396060	CATERPILLAR INC.
2022203836	Wing Aviation LLC	2022397385	CATERPILLAR INC.
2022204063	Fit Things NV	2022398252	BOSTON SCIENTIFIC MEDICAL DEVICE LIMITED; BOSTON SCIENTIFIC SCIMED, INC.
2022204710	SKYLOTEC GmbH	2022430007	3R LIFE SCIENCES CORPORATION
2022204880	Hunter Douglas Inc.	2022442098	TAIYUAN UNIVERSITY OF TECHNOLOGY
2022206215	QINGDAO HAIER REFRIGERATOR CO., LTD.; HAIER SMART HOME CO., LTD.	2022459563	ZTE CORPORATION
2022211886	Technip UK Ltd	2023200070	LG ELECTRONICS INC.
2022215199	FISHER & PAYKEL HEALTHCARE LIMITED	2023200088	Blue River Technology Inc.
2022224734	Hunter Douglas Inc.	2023200277	Architectural Window Systems Pty Ltd
2022224755	FISHER & PAYKEL HEALTHCARE LIMITED	2023200600	Sungrow Power Supply Co., Ltd.
2022224776	L & M Radiator, Inc.	2023200762	Dogtooth Technologies Limited
2022224780	Kite Pharma, Inc.; The United States of America, as represented by the Secretary, Department of Health and Human Services	2023201124	GIANT MANUFACTURING CO. LTD.
2022224864	Stryker Corporation	2023201221	Boston Scientific Neuromodulation Corporation
2022224869	Icahn School of Medicine at Mount Sinai	2023201365	FNV IP B.V.
2022228161	Dometic Sweden AB	2023201536	Canon Kabushiki Kaisha
2022231750	Hubei Yimu Electronic Technology Co., Ltd.	2023201583	Tata Consultancy Services Limited
2022231780	MAKO Surgical Corp.	2023201625	Invuity, Inc.
		2023201663	SharkNinja Operating LLC
		2023201726	Elanco US Inc.
		2023201738	Aarhus Universitet
		2023201804	ResMed Sensor Technologies Limited
		2023201838	Taiwan Resonant Waves Research Corp.
		2023202113	Snap-on Incorporated

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2023202733 Coulter Ventures, LLC
2023202861 LG Electronics Inc.
2023203250 Aluminium Specialties Group Pty Ltd
2023203415 Intuit Inc.
2023203479 Shanghai Kenda Industrial Co., Ltd.
2023204076 ARK HARDWARE PTY LTD
2023204114 Dolby Laboratories Licensing Corporation
2023204241 XGS Energy, Inc.
2023204371 Tencent America LLC
2023204386 Chia Tai Tianqing Pharmaceutical Group Co., Ltd.
2023204412 Halliburton Energy Services, Inc.
2023204658 MAKO Surgical Corp.
2023206304 SCHLAPIK, K.D.
2023214270 Schneider Electric Industries SAS
2023214294 YETI Coolers, LLC
2023214308 Hai Robotics Co., Ltd.
2023219920 Dropbox, Inc.
2023222907 KOREA ZINC CO., LTD.; KEMCO
2023222954 KOREA ZINC CO.,L TD.
2023226707 The Leisure Collective International Pty Ltd
2023237122 China University of Mining and Technology
2023237159 Vishal, R.
2023241283 Technetix B.V.
2023246248 MITSUBISHI MATERIALS CORPORATION
2023248083 Gambro Lundia AB
2023248108 Oso Technologies, LLC
2023258366 MOTOCADDY LIMITED
2023258393 BCAL DIAGNOSTICS LIMITED
2023258394 Lightcast Discovery Ltd
2023263724 SNF GROUP
2023268442 YETI COOLERS, LLC
2023289045 SULE, S.
2023330530 HOENIGSCHMID, A.
2024200529 I911 International, Inc.
2024202103 Bolton, W.M.
2024204629 Ayonz Pty Limited
2024204673 Owens-Brockway Glass Container Inc.
2024205234 PANAC CO., LTD.
2024205409 Haventec Pty Ltd
2024216390 Woolward, L.

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2019261767	2021387813	<u>A45D 7 /-</u>	2019309379	2019398893	2023204386
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2018222905	2021214534	2021376056	2020458578	2019202389	2017344453
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<u>A01D 69 /-</u>	<u>A23K 20 /-</u>	2020285471	2021383888	2019332971	2018253959
2023248108	2018387109	<u>A47B 3 /-</u>	2022252708	2020303561	2018255972
<u>A01F 12 /-</u>	2022275509	2020285471	2022292636	2022224869	2018360800
2019295571	<u>A23K 30 /-</u>	<u>A47B 85 /-</u>	202398252	<u>A61F 5 /-</u>	2021204719
<u>A01G 24 /-</u>	2018387109	2020285471	2023204658	2022291535	2021214534
2021312774	<u>A23K 50 /-</u>	<u>A47J 19 /-</u>	<u>A61B 18 /-</u>	<u>A61F 9 /-</u>	2022224780
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2018316436	<u>A23L 29 /-</u>	<u>A47L 13 /-</u>	2019221088	2018375398	
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2019203775	<u>A23L 33 /-</u>	2022295586	2020282774	2019288496	
<u>A01K 61 /-</u>	2019295133	<u>A47L 15 /-</u>	2022231780	2019289200	
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2020213833	2018365001	2022296361	<u>B60W 50 /-</u>	2019304205	<u>B66D 3 /-</u>
<u>B22D 46 /-</u>	<u>B29C 73 /-</u>	<u>B60H 1 /-</u>	2022233894	<u>B65B 59 /-</u>	2022204710
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Certified Innovation Patents**Name Index**

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

-
- (71) RAI Strategic Holdings, Inc.
(11) AU-B-2017101944
(21) 2017101944 (22) 15.11.2017
(54) Near field communication for a tobacco-based article or package therefor
(51) Int. Cl.
G06Q 10/08 (2023.01)
A24F 40/10 (2020.01)
A24F 40/65 (2020.01)
G06Q 30/02 (2023.01)
(31) 15/352,199 (32) 15.11.16 (33) US
(45) 21.11.2024
(72) Sur, Rajesh; Hunt, Eric T.; Sears, Stephen B.
(74) FB Rice Pty Ltd

Numerical Index

2017101944 RAI Strategic Holdings, Inc.

IPC Index

A24F 40 /-

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2017279352	2017281421	2017286676	2017296095
2017299858	2017302006	2017302282	2017313646
2017328896	2017344462	2017357813	2017384228
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2018205059	2018208710	2018212986	2018214082
2018219895	2018220078	2018220820	2018226571
2018229555	2018231421	2018236911	2018239186
2018239660	2018240515	2018243654	2018247206
2018248070	2018248651	2018253410	2018256649
2018266632	2018268859	2018271136	2018273014
2018276088	2018279857	2018281438	2018284983
2018285469	2018290809	2018296679	2018297348
2018301174	2018301804	2018302248	2018302481
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2018316511	2018318123	2018320728	2018321370
2018324359	2018325477	2018326474	2018327479
2018328827	2018331306	2018332520	2018332792
2018333861	2018338348	2018343847	2018344193
2018345462	2018345626	2018346088	2018346361
2018346963	2018347000	2018347007	2018348066
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2018370000	2018372528	2018373174	2018373279
2018374550	2018374866	2018376352	2018376657
2018376734	2018377024	2018377026	2018378078
2018382617	2018384065	2018385644	2018386002
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2019232760	2019233449	2019233734	2019235652
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2019297692	2019300504	2019301128	2019301580
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2021396892	2021403442	2021403827	2021405997
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2022202889	2022202951	2022203054	2022203167
2022203206	2022203468	2022203868	2022203990
2022204383	2022204808	2022204830	2022205660
2022206770	2022206803	2022206805	2022207654
2022209249	2022211813	2022212126	2022212275
2022217314	2022226579	2022227599	2022231698
2022231715	2022231776	2022232574	2022232792
2022241617	2022246444	2022246456	2022249400
2022252122	2022252745	2022256092	2022256172
2022256204	2022259760	2022263463	2022263568
2022268353	2022275463	2022276276	2022279542
2022283628	2022283638	2022283672	2022287604
2022287624	2022288984	2022291486	2022291648
2022291777	2022291922	2022298568	2022324666
2022328657	2022329170	2022359248	2022374463
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2022449894	2023200232	2023200236	2023200266
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2023200978	2023201119	2023201351	2023201456
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2023202429	2023202678	2023203128	2023203180
2023203229	2023203249	2023203801	2023203814
2023203871	2023203883	2023204172	2023204208
2023204421	2023211002	2023216776	2023219814
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Assignments Registered

2005258323 Tremco Incorporated The patent has been assigned to **Tremco CPG Inc.**

2005262309 FMC Corporation; FMC Agro Singapore Pte. Ltd. The patent has been assigned to **FMC Corporation; FMC IP Technology GmbH**

Assignments Registered

2005314155 FMC Agro Singapore Pte. Ltd.; FMC Corporation The patent has been assigned to **FMC Corporation; FMC IP Technology GmbH**

2005319651 FMC Corporation; FMC Agro Singapore Pte. Ltd. The patent has been assigned to **FMC Corporation; FMC IP Technology GmbH**

2006227484 FMC Corporation; FMC Agro Singapore Pte. Ltd. The patent has been assigned to **FMC Corporation; FMC IP Technology GmbH**

2006249754 Tremco Incorporated The patent has been assigned to **Tremco CPG Inc.**

2007200551 Wireless Innovations LLC The patent has been assigned to **Lepatent (Beijing) Consulting Corporation Limited**

2007202860 Wireless Innovations LLC The patent has been assigned to **Lepatent (Beijing) Consulting Corporation Limited**

2007275836 FMC Corporation; FMC Agro Singapore Pte. Ltd. The patent has been assigned to **FMC Corporation; FMC IP Technology GmbH**

2007313070 Tremco Incorporated The patent has been assigned to **Tremco CPG Inc.**

2007339307 FMC Corporation; FMC Agro Singapore Pte. Ltd. The patent has been assigned to **FMC Corporation; FMC IP Technology GmbH**

2008343227 FMC Corporation; FMC Agro Singapore Pte. Ltd. The patent has been assigned to **FMC Corporation; FMC IP Technology GmbH**

2009221864 FMC Corporation; FMC Agro Singapore Pte. Ltd. The patent has been assigned to **FMC Corporation; FMC IP Technology GmbH**

2009260760 Tremco Incorporated The patent has been assigned to **Tremco CPG Inc.**

2009286426 Novartis AG The patent has been assigned to **Seqirus UK Limited**

2009314203 FMC Corporation; FMC Agro Singapore Pte. Ltd. The patent has been assigned to **FMC Corporation; FMC IP Technology GmbH**

2010203326 FMC Corporation; FMC Agro Singapore Pte. Ltd. The patent has been assigned to **FMC Corporation; FMC IP Technology GmbH**

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2010279582 FMC Corporation; FMC Agro Singapore Pte. Ltd. The patent has been assigned to **FMC Corporation; FMC IP Technology GmbH**

2010289354 FMC Corporation; FMC Agro Singapore Pte. Ltd. The patent has been assigned to **FMC Corporation; FMC IP Technology GmbH**

2010325748 Novartis AG The patent has been assigned to **Seqirus UK Limited**

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Assignments Registered

2010325752 Novartis AG The patent has been assigned to **Seqirus UK Limited**

2011251706 Novartis AG The patent has been assigned to **Seqirus UK Limited**

2011343779 Novan, Inc. The patent has been assigned to **LNHC, Inc.**

2012203792 FMC Corporation; FMC Agro Singapore Pte. Ltd. The patent has been assigned to **FMC Corporation; FMC IP Technology GmbH**

2012264601 Mithra R&D SA The patent has been assigned to **Es-tetra SRL**

2012264602 Mithra R&D SA The patent has been assigned to **Es-tetra SRL**

2012265822 Laser Distance Spectrometry Ltd. The patent has been assigned to **LEGANT INVESTMENT LTD.**

2012320423 Mithra R&D SA The patent has been assigned to **Es-tetra SRL**

2013202690 Novartis AG The patent has been assigned to **Seqirus UK Limited**

2013202706 Novartis AG The patent has been assigned to **Seqirus UK Limited**

2013213678 Novartis AG The patent has been assigned to **Seqirus UK Limited**

2013232576 Novan, Inc. The patent has been assigned to **LNHC, Inc.**

2014223164 Novan, Inc. The patent has been assigned to **LNHC, Inc.**

2014305778 Novan, Inc. The patent has been assigned to **LNHC, Inc.**

2015201191 FMC Corporation; FMC Agro Singapore Pte. Ltd. The patent has been assigned to **FMC Corporation; FMC IP Technology GmbH**

2015266819 FMC Agro Singapore Pte. Ltd.; FMC Corporation The patent has been assigned to **FMC Corporation; FMC IP Technology GmbH**

2015287674 Novan, Inc. The patent has been assigned to **LNHC, Inc.**

2016243513 Maguire, Michael The patent has been assigned to **ThisCap Inc.**

2017261328 Genesys Cloud Services Holdings II, LLC The patent has been assigned to **Genesys Cloud Services, Inc.**

2017286888 Genesys Cloud Services Holdings II, LLC The patent has been assigned to **Genesys Cloud Services, Inc.**

2017313897 Foresee Pharmaceuticals Co., Ltd. The patent has been assigned to **Foresee Pharmaceuticals USA, Inc.**

2018102101 Schwartz, Astrid The patent has been assigned to **Bubnest Organics Pty Ltd**

2018211533 Appario Global Solutions (AGS) AG The patent has been assigned to **H2VR HoldCo, Inc.**

Assignments Registered

2018219273 Boehringer Ingelheim Animal Health USA Inc.; Thomas Jefferson University The patent has been assigned to **Thomas Jefferson University; Boehringer Ingelheim Vetmedica GmbH**

2018297182 Anderson, M.D., Christian The patent has been assigned to **INS Ortho, Inc.**

2018297195 Anderson, M.D., Christian The patent has been assigned to **INS Ortho, Inc.**

2018452059 EGI Tech (Shen Zhen) Co., Limited The patent has been assigned to **Qingdao MGI Tech Co., Ltd.**

2019270975 Foresee Pharmaceuticals Co., Ltd The patent has been assigned to **Foresee Pharmaceuticals USA, Inc.**

2020267904 Hilsun, Cyril The patent has been assigned to **Infi-Tex Ltd.**

2020285262 Huawei Technologies Co., Ltd. The patent has been assigned to **Shenzhen Yinwang Intelligent Technologies Co., Ltd.**

Licences Registered - Section 187, Reg. 19

(The name in the parentheses is that of the licensee)

2019390253 ICSIP Pty Ltd (LiChem IP Holdings LLC)

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.

2014220357 **Pfizer Inc.**

The earliest first regulatory approval date provided by the patentee 16 Apr 2024

For the goods CIBINQO abrocitinib

Extension of Term of patent pursuant to Section 77 expires on 11 Feb 2039

Corrigenda

In Vol 58 , No 42 , Page(s) 6116 under the heading **Applications Accepted - Name Index** Delete all reference to 2021410756.

In Vol 58 , No 45 , Page(s) 6456 under the heading **Amendments - Application for Amendments** Under the name Howard Hughes Medical Institute, Patent No. 2017293925 correct the date of the statements filed to read 08 Oct 2024 and 28 Oct 2024

Specifications Republished

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

2018333855 **Subsea 7 do Brasil Servicos Ltda.**

2020254100 **MedImmune, LLC**

2021390901 **LG CHEM, LTD.**

2022291641 **Schneider Electric Industries SAS**

2023222118 **LIPOTRUE, S.L.**

2023222118 **LIPOTRUE, S.L.**