



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

Contents

General Information & Notices

Amendments

Applications for Amendment	5041
Amendments Made	5042
Alteration of Name(s) of Applicant(s)/Patentee(s)	5043

Applications Accepted

Name Index	5108
Numerical Index	5142
IPC Index	5145

Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired	5038
---	------

Applications Open to Public Inspection

Name Index	5044
Numerical Index	5059
IPC Index	5061

Assignments before Grant, Section 113	5040
---	------

Assignments Registered	5154
------------------------------	------

Certified Innovation Patents

Name Index	5151
Numerical Index	5152
IPC Index	5153

Complete Applications Filed

Name Index	5027
Numerical Index	5034

Extensions of Term of Standard Patents	5155
--	------

Extensions of Time, Section 223	5041
---------------------------------------	------

Innovation Patent Applications Filed

Name Index	5036
Numerical Index	5037

PCT applications which have entered the National Phase

Name Index	5064
Numerical Index	5098
IPC Index	5102

Patents Granted	5154
------------------------------	-------------

Opposition Proceedings	5154
-------------------------------------	-------------

Provisional Applications Filed

Name Index	5023
Numerical Index	5026

Specifications Republished	5155
---	-------------

General Information

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

Editorial enquiries

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Country Codes

Trade Mark and Designs Hearing Sessions

INID (Internationally agreed Numbers for the Identification of Data)

GUIDE TO THE USE OF THIS JOURNAL

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

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

(i) FILING -

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

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

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

(iii) ACCEPTANCE –

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

(iv) OPPOSITION –

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

(v) GRANTING –

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

(vi) CERTIFICATION

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

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

How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

How Australian Patent Documents are Numbered

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

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

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

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

See Examples:

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

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

For each of the categories

(i) Provisional Applications Filed, (ii)

Complete Applications Filed, (iii)

Applications Open to Public Inspection

(iv) Applications Accepted, and (v)

Innovation Patent Certified.

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

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

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

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

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

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

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

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

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

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

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

The following Numerical Indices are available:

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

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

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

The indices to use are

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

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

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

'INID' NUMBERS in use on Australian Patent Documents

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

(10) Document identification

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

(20) Document filing data

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

(30) Priority data

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

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

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

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

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

(50) Technical Information

(51) International Patent Classification

(52) Domestic or national classification

(54) Title of invention

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

(57) Abstract or claim

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

(60) Related by cognate(s).

(61) Related by addition(s).

(62) Related by division(s).

(70) Identification of parties concerned with the document

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

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

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

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

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

(86) PCT Application Number

(87) PCT Publication Number

NOTE

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

AU-A = Pre-examination

AU-B = Post-examination

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

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

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

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

Proceedings under the Patents Act 1990

Provisional Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 20 Aug 2024 .

(71) AIS Water Pty Ltd (21) 2024902606 (22) 21.08.2024 (54) A chlorinator cell authentication system and methods for use thereof	(71) Chester, G. (21) 2024902674 (22) 27.08.2024 (54) A FREESTANDING MODULAR GANTRY CRANE ASSEMBLY AND METHOD OF USE THEREOF	(71) Coxair Cycle Pty Ltd (21) 2024902625 (22) 22.08.2024 (54) An engine
(71) Allegion (Australia) Pty Ltd (21) 2024902663 (22) 26.08.2024 (54) Key actuator for a lock	(71) Chevallerau, M. (21) 2024902624 (22) 22.08.2024 (54) Ladder Stabilisation Device	(71) Cribb, S. (21) 2024902667 (22) 26.08.2024 (54) A textile solution for Club Foot
(71) Allegion (Australia) Pty Ltd (21) 2024902664 (22) 26.08.2024 (54) Remote lock	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2024902631 (22) 23.08.2024 (54) Static CT imaging for ore sorting	(71) Crisp, A. (21) 2024902628 (22) 23.08.2024 (54) Foldable Structure and Associated Method
(71) Allegion (Australia) Pty Ltd (21) 2024902665 (22) 26.08.2024 (54) Lock body	Commonwealth Scientific and Industrial Research Organisation see NewSouth Innovations Pty Limited (21) 2024902638	Dancet, L. see Anderson, I. (21) 2024902670
(71) Allegion (Australia) Pty Ltd (21) 2024902666 (22) 26.08.2024 (54) Lock body and motor	(71) Commonwealth Scientific and Industrial Research Organisation; Queensland University of Technology (21) 2024902640 (22) 23.08.2024 (54) Sonography device	(71) Dempster, S. (21) 2024902629 (22) 23.08.2024 (54) Performance monitoring system
(71) ANCA Pty Ltd (21) 2024902656 (22) 26.08.2024 (54) A WORKPIECE SUPPORT	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2024902660 (22) 26.08.2024 (54) METHOD AND SYSTEM OF DIRECT WRITING A SUPERCONDUCTING NANOFUNCTION	(71) Food Secure P/L (21) 2024902653 (22) 26.08.2024 (54) Allergen Lockout System
(71) Anderson, I.; Dancet, L. (21) 2024902670 (22) 27.08.2024 (54) Improvements in Vehicle Suspension	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2024902675 (22) 27.08.2024 (54) Metalloxerogels for selective gas capture	(71) Gardner, A. (21) 2024902620 (22) 22.08.2024 (54) System and method for serving coffee in a reusable cup.
(71) Artrya Ltd (21) 2024902678 (22) 27.08.2024 (54) A SYSTEM FOR AND METHOD OF PLAQUE SCORING OF CORONARY ARTERIES	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2024902676 (22) 27.08.2024 (54) Methods for capturing sulfur dioxide	(71) Gardner, A. (21) 2024902646 (22) 24.08.2024 (54) Reuse system.
(71) Bend-tech Investments 1 Pty Ltd (21) 2024902603 (22) 21.08.2024 (54) Ladder storage rack		(71) GenAqua Pty Ltd (21) 2024902601 (22) 21.08.2024 (54) FLUID STERILISATION DEVICE

Provisional Applications Filed - Name Index cont'd

(71) Glencore Technology Pty Limited
(21) 2024902635 (22) 23.08.2024
(54) An electrolyte purification process for copper refineries

(71) GrapheneX Pty Ltd
(21) 2024902636 (22) 23.08.2024
(54) HYDROGEN STORAGE MEDIUM

(71) Griffith University
(21) 2024902641 (22) 23.08.2024
(54) Silicon Carbide transistor

(71) Hastings Deering (Australia) Limited
(21) 2024902613 (22) 22.08.2024
(54) Work platform for a road vehicle

(71) Heath, D.
(21) 2024902608 (22) 21.08.2024
(54) A Golf Putting Aid Device

(71) HOBBS, B.
(21) 2024902655 (22) 26.08.2024
(54) Planter box assembly

(71) Hyperion Systems Pty Ltd
(21) 2024902605 (22) 21.08.2024
(54) APPARATUS AND METHOD FOR MANUFACTURING THREE-DIMENSIONAL OBJECTS

(71) Hysata Pty Ltd
(21) 2024902604 (22) 21.08.2024
(54) PROCESSES

(71) Imtrade Australia Pty Ltd
(21) 2024902598 (22) 20.08.2024
(54) Bixafen formulation

(71) Imupak Pty Ltd
(21) 2024902633 (22) 23.08.2024
(54) Sulfate Derivatives of Isoflavonoid Inhibitors

(71) Imupak Pty Ltd
(21) 2024902634 (22) 23.08.2024
(54) Ester Derivatives of Isoflavonoid inhibitors

(71) Invested Health Pty Ltd
(21) 2024902661 (22) 26.08.2024
(54) A Composition

(71) Jambunathan, M.
(21) 2024902615 (22) 22.08.2024
(54) Implantable Health Marker Sensing Device with Mid-Infrared Laser and Photoacoustic Detection

(71) KWB Global Limited
(21) 2024902647 (22) 24.08.2024
(54) Vehicle registration verification system and method

(71) Letinic, J.
(21) 2024902639 (22) 23.08.2024
(54) BEE HIVE

(71) Logic Environmental Safe Solutions (Less) Pty Ltd
(21) 2024902668 (22) 27.08.2024
(54) Filter assembly

(71) Lovick Engineering Pty Ltd
(21) 2024902637 (22) 23.08.2024
(54) Oil Filter System for High-Performance Diesel Engines

(71) Matson, P.
(21) 2024902619 (22) 22.08.2024
(54) THE SELF PROPELLED - GRAVITY POWERED POWER PLANT & DESALINATION PLANT

(71) Mitra, A.
(21) 2024902650 (22) 25.08.2024
(54) COAXIAL COMBINATION BALLOON CATHETER

(71) Morgan, B.
(21) 2024902602 (22) 21.08.2024
(54) Fold-able Pyramid Trap/Net

(71) MORGAN TECHNICAL CERAMICS AUSTRALIA PTY LIMITED
(21) 2024902610 (22) 22.08.2024
(54) Ball Valve

(71) Morrison, M.
(21) 2024902654 (22) 26.08.2024
(54) Method for Producing Highly Customizable Carbon-Coated Glass Particles Through Wet Grinding Under Extreme Conditions and Their Multifunctional Applications

(71) NewSouth Innovations Pty Limited; Commonwealth Scientific and Industrial Research Organisation
(21) 2024902638 (22) 23.08.2024
(54) A siloxane-coated vertical graphene species and methods for preparation and use thereof

(71) Nextract Pty Ltd
(21) 2024902673 (22) 27.08.2024
(54) Carrier Composition

(71) OneRD Pty Ltd
(21) 2024902600 (22) 21.08.2024
(54) Unified Logistics and Transport Management Platform

(71) Orbilift Pty Ltd
(21) 2024902671 (22) 27.08.2024
(54) A STAIR CLIMBING CONVEYANCE

(71) OSINSKI, S.
(21) 2024902677 (22) 27.08.2024
(54) A COMBUSTIBLE ARTICLE FORMING DEVICE AND METHOD OF USING SAME

(71) Palanisami, S.
(21) 2024902632 (22) 23.08.2024
(54) BACTERIA AND MICROALGAE SOURCED NITROGEN AND STIMULANTS FOR PLANT GROWTH

(71) Palmaya Pty Ltd
(21) 2024902648 (22) 24.08.2024
(54) Device

(71) Pathfinder Australia Pty Ltd
(21) 2024902623 (22) 22.08.2024
(54) Automated Fabric Cutting System with Dynamic Adjustment of Operational Control Parameters

(71) ProSeek Bio Pty Ltd
(21) 2024902607 (22) 21.08.2024
(54) MULTI-BIOMARKER ASSAY SYSTEM AND METHOD

(71) Qingdao Hairun Longtai Power Technology Co Ltd
(21) 2024902652 (22) 26.08.2024
(54) A single disk torque-limiting magnetic coupler and its method of use

(71) Quality Assurance Engineers Australia Pty Ltd
(21) 2024902651 (22) 25.08.2024
(54) Intelligent tubular inspection system using 3D scanner and AI based software

Queensland University of Technology see Commonwealth Scientific and Industrial Research Organisation
(21) 2024902640

(71) Raftopoulos, O.
(21) 2024902669 (22) 27.08.2024
(54) A Personal Adornment

Provisional Applications Filed - Name Index cont'd

(71) ReIn Pty Ltd
(21) 2024902617 (22) 22.08.2024
(54) A Drain Channel and Inlay Assembly

(71) ResMed Pty Ltd
(21) 2024902627 (22) 23.08.2024
(54) POSITIONING, STABILISING, AND INTERFACING STRUCTURES AND SYSTEM INCORPORATING SAME

(71) Royal Melbourne Institute of Technology
(21) 2024902599 (22) 20.08.2024
(54) Predicting responders to cancer therapy

(71) rvgen
(21) 2024902645 (22) 23.08.2024
(54) Plastic insert for caravan electric magnets to prolong usage on corrugated roads, upgrade on-road magnets to the durable standard of an off-road magnet with minimal cost, designed to be replaced at service intervals.

(71) SCIENTERRA LIMITED
(21) 2024902659 (22) 26.08.2024
(54) IMPROVEMENTS TO UV DOSIMETRY

(71) Scolaro, A.
(21) 2024902642 (22) 23.08.2024
(54) A Power Drive

(71) Sheridan, D.
(21) 2024902626 (22) 22.08.2024
(54) Building System

(71) Shermac Australia Pty Ltd
(21) 2024902657 (22) 26.08.2024
(54) Fluid dispensing from service vehicle

(71) Sleeping Duck Pty Ltd
(21) 2024902672 (22) 27.08.2024
(54) Active bed frame

(71) Solar Sailor Pty Ltd
(21) 2024902616 (22) 22.08.2024
(54) Improved Underwater Appendage Assembly

(71) Solar Sailor Pty Ltd
(21) 2024902658 (22) 26.08.2024
(54) An Underwater Recovery Assembly

(71) Specialised Resource Products and Services Pty Ltd
(21) 2024902643 (22) 23.08.2024
(54) Replaceable Drill Bit Head

(71) Steel-Line Garage Doors Australia Pty Ltd
(21) 2024902662 (22) 26.08.2024
(54) Clamp

(71) Sunrise Envirotech Pty Ltd
(21) 2024902611 (22) 22.08.2024
(54) METHOD FOR CONVERTING SOFT PLASTICS TO HARD PLASTICS

(71) Tait, C.
(21) 2024902614 (22) 22.08.2024
(54) Mining rear dump truck - tray stand with safety clamp mechanism.

(71) Technological Resources Pty. Limited
(21) 2024902618 (22) 22.08.2024
(54) Carbon Dioxide Mineralisation

(71) The Better Collection Pty Ltd
(21) 2024902621 (22) 22.08.2024
(54) GARMENT WITH BRIEF SUPPORT AND BOXER BRIEF STRUCTURE

(71) The Siam Fertiliser Company Pty Ltd
(21) 2024902622 (22) 22.08.2024
(54) Soil Beneficiation Formulation for Enhanced Soil Quality and Sustainable Agriculture

(71) Tillack, A.
(21) 2024902630 (22) 23.08.2024
(54) A device for securing items within a garment pocket

(71) Tokmakov, A.
(21) 2024902649 (22) 25.08.2024
(54) Method of energy conversion from renewable natural sources to useable forms of energy (hereinafter Method)

(71) Valyr Pty Ltd
(21) 2024902612 (22) 22.08.2024
(54) Watch Series protection for Data Halls and Data Racks

(71) XEFCO PTY LTD
(21) 2024902644 (22) 23.08.2024
(54) METHOD AND DEVICE FOR COL-
OURATION OF SUBSTRATES

(71) Yesterday App Pty Ltd
(21) 2024902609 (22) 22.08.2024
(54) METHODS AND SYSTEMS FOR RE-
BATE PURCHASING BETWEEN SUP-
PLIERS AND A VENUE

Numerical Index

2024902598	Imtrade Australia Pty Ltd	2024902661	Invested Health Pty Ltd
2024902599	Royal Melbourne Institute of Technology	2024902662	Steel-Line Garage Doors Australia Pty Ltd
2024902600	OneRD Pty Ltd	2024902663	Allegion (Australia) Pty Ltd
2024902601	GenAqua Pty Ltd	2024902664	Allegion (Australia) Pty Ltd
2024902602	Morgan, B.	2024902665	Allegion (Australia) Pty Ltd
2024902603	Bend-tech Investments 1 Pty Ltd	2024902666	Allegion (Australia) Pty Ltd
2024902604	Hysata Pty Ltd	2024902667	Cribb, S.
2024902605	Hyperion Systems Pty Ltd	2024902668	Logic Environmental Safe Solutions (Less) Pty Ltd
2024902606	AIS Water Pty Ltd	2024902669	Raftopoulos, O.
2024902607	ProSeek Bio Pty Ltd	2024902670	Anderson, I.; Dancet, L.
2024902608	Heath, D.	2024902671	Orbilift Pty Ltd
2024902609	Yesterday App Pty Ltd	2024902672	Sleeping Duck Pty Ltd
2024902610	MORGAN TECHNICAL CERAMICS AUSTRALIA PTY LIMITED	2024902673	Nextract Pty Ltd
2024902611	Sunrise Envirotech Pty Ltd	2024902674	Chester, G.
2024902612	Valyr Pty Ltd	2024902675	Commonwealth Scientific and Industrial Research Organisation
2024902613	Hastings Deering (Australia) Limited	2024902676	Commonwealth Scientific and Industrial Research Organisation
2024902614	Tait, C.	2024902677	OSINSKI, S.
2024902615	Jambunathan, M.	2024902678	Artrya Ltd
2024902616	Solar Sailor Pty Ltd		
2024902617	Reln Pty Ltd		
2024902618	Technological Resources Pty. Limited		
2024902619	Matson, P.		
2024902620	Gardner, A.		
2024902621	The Better Collection Pty Ltd		
2024902622	The Siam Fertiliser Company Pty Ltd		
2024902623	Pathfinder Australia Pty Ltd		
2024902624	Chevallerau, M.		
2024902625	Coxair Cycle Pty Ltd		
2024902626	Sheridan, D.		
2024902627	ResMed Pty Ltd		
2024902628	Crisp, A.		
2024902629	Dempster, S.		
2024902630	Tillack, A.		
2024902631	Commonwealth Scientific and Industrial Research Organisation		
2024902632	Palanisami, S.		
2024902633	Imupak Pty Ltd		
2024902634	Imupak Pty Ltd		
2024902635	Glencore Technology Pty Limited		
2024902636	GrapheneX Pty Ltd		
2024902637	Lovick Engineering Pty Ltd		
2024902638	NewSouth Innovations Pty Limited; Commonwealth Scientific and Industrial Research Organisation		
2024902639	Letinic, J.		
2024902640	Commonwealth Scientific and Industrial Research Organisation; Queensland University of Technology		
2024902641	Griffith University		
2024902642	Scolaro, A.		
2024902643	Specialised Resource Products and Services Pty Ltd		
2024902644	XEFCO PTY LTD		
2024902645	rvgen		
2024902646	Gardner, A.		
2024902647	KWB Global Limited		
2024902648	Palmaya Pty Ltd		
2024902649	Tokmakov, A.		
2024902650	Mitra, A.		
2024902651	Quality Assurance Engineers Australia Pty Ltd		
2024902652	Qingdao Hairun Longtai Power Technology Co Ltd		
2024902653	Food Secure P/L		
2024902654	Morrison, M.		
2024902655	HOBBS, B.		
2024902656	ANCA Pty Ltd		
2024902657	Shermac Australia Pty Ltd		
2024902658	Solar Sailor Pty Ltd		
2024902659	SCIENTERRA LIMITED		
2024902660	Commonwealth Scientific and Industrial Research Organisation		

Complete Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 20 Aug 2024 .

. (*) Title not in Roman characters

. (**) Title not given

(71) Abbott Diabetes Care Inc.
 (21) 2024216338 (22) 26.08.2024
 (54) Methods, devices, and systems for physiological parameter analysis

(71) ABB Schweiz AG
 (21) 2024216281 (22) 23.08.2024
 (54) Training machine learning model for fault classification based on synthetic data

(71) Accenture Global Solutions Limited
 (21) 2024213120 (22) 21.08.2024
 (54) Switchboard platform for foundation models

(71) Accenture Global Solutions Limited
 (21) 2024213170 (22) 22.08.2024
 (54) AUTOMATED ACCOUNT MAINTENANCE AND FRAUD MITIGATION TOOL

(71) Acerus Biopharma Inc.
 (21) 2024216312 (22) 23.08.2024
 (54) INTRANASAL TESTOSTERONE GEL FORMULATIONS AND USE THEREOF FOR TREATING MALE HYPOGONADISM

(71) Adaptive Sensory Technology, Inc.
 (21) 2024216380 (22) 27.08.2024
 (54) Systems and methods for testing and analysis of visual acuity and its changes

(71) Adobe Inc.
 (21) 2024216296 (22) 23.08.2024
 (54) SEAMLESS IMAGE EDITS USING CROSS-FRAME ATTENTION

(71) AEON BioPharma, Inc.
 (21) 2024216355 (22) 26.08.2024
 (54) NEUROTOXIN COMPOSITIONS FOR USE IN TREATING HEADACHE

(71) Air Products and Chemicals, Inc.
 (21) 2024213138 (22) 22.08.2024
 (54) APPARATUS AND PROCESS FOR GAS TURBINE AIR FILTRATION AND FUEL VAPORIZATION

(71) Alpha Tau Medical Ltd.
 (21) 2024213162 (22) 22.08.2024
 (54) Radiotherapy seeds and applicators

(71) Andersen, J.
 (21) 2024216292 (22) 23.08.2024
 (54) Blending Particulate Material

(71) Anderson, E.
 (21) 2024216330 (22) 23.08.2024
 (54) A makeup protection veil

(71) Apple Inc.
 (21) 2024213126 (22) 21.08.2024
 (54) User interface for camera effects

(71) Aristocrat Technologies, Inc.
 (21) 2024213130 (22) 21.08.2024
 (54) MULTIPLE TICKET SET SYSTEMS AND METHODS IN ELECTRONIC GAMING

(71) Aristocrat Technologies, Inc.
 (21) 2024213131 (22) 21.08.2024
 (54) HOLD AND SPIN WITH OVERLAPPING FEATURES AND EXPANDING REELS GAMING SYSTEMS AND METHODS

(71) Aristocrat Technologies Australia Pty Limited
 (21) 2024213134 (22) 21.08.2024
 (54) A GAMING MACHINE AND A METHOD OF OPERATING A GAMING MACHINE

(71) ATW Technology Inc.
 (21) 2024216279 (22) 23.08.2024
 (54) MAGNESIUM-BASED COMPOSITE MATERIAL AND METHOD OF FORMING THE SAME

(71) Aurigene Oncology Limited
 (21) 2024213135 (22) 21.08.2024
 (54) 1,2,4-oxadiazole derivatives as immunomodulators

(71) Aussie Balustrading & Stairs Pty Ltd
 (21) 2024216377 (22) 27.08.2024
 (54) Floating Stair Assembly

(71) Aussie Balustrading & Stairs Pty Ltd
 (21) 2024216378 (22) 27.08.2024
 (54) Floating Stair Assembly

(71) B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.
 (21) 2024213157 (22) 22.08.2024
 (54) Image data encoding/decoding method and apparatus

(71) Bambino Prezioso Switzerland AG
 (21) 2024216384 (22) 27.08.2024
 (54) Child safety seat and detachable side impact protection block

(71) Bay Trusses & Frames Pty Ltd
 (21) 2024216289 (22) 23.08.2024
 (54) Floor Arrangement, System and Method

(71) Blackburn, M.
 (21) 2024216300 (22) 23.08.2024
 (54) A spacer for a medicament dispenser

(71) Blue River Technology Inc.; Deere & Company
 (21) 2024213147 (22) 22.08.2024
 (54) USER PRIORITIES FOR PERFORMING FARMING ACTIONS

(71) Board of Regents of the University of Nebraska
 (21) 2024213169 (22) 22.08.2024
 (54) Antiviral prodrugs and nanoformulations thereof

(71) BOE Technology Group Co., Ltd.; Chengdu BOE Optoelectronics Technology Co., Ltd.
 (21) 2024216317 (22) 23.08.2024
 (54) ARRAY SUBSTRATE AND DISPLAY DEVICE

(71) Bosch Corporation
 (21) 2024216319 (22) 23.08.2024
 (54) Event data processing device and vehicle assessment system

Complete Applications Filed - Name Index cont'd

(71) Boston Scientific Neuromodulation Corporation
 (21) 2024213179 (22) 22.08.2024
 (54) Selection of sensing electrodes in a spinal cord stimulator system using sensed stimulation artifacts

(71) Boston Scientific Neuromodulation Corporation
 (21) 2024213180 (22) 22.08.2024
 (54) Determination and use of a wellness factor in an implantable medical device system using qualitative and quantitative measurements

(71) Brook & Whittle Limited
 (21) 2024216345 (22) 26.08.2024
 (54) Recyclable heat shrink film for recyclable container

(71) BT Manufacturing LLC
 (21) 2024213164 (22) 22.08.2024
 (54) Deployable, remotely-controlled, pure hypochlorous acid manufacturing system and method

(71) BT Manufacturing LLC
 (21) 2024213166 (22) 22.08.2024
 (54) Deployable, remotely-controlled, pure hypochlorous acid manufacturing system and method

(71) Bullfrog International, LC.
 (21) 2024211015 (22) 21.08.2024
 (54) FLAT FILTER MEDIA

(71) Burton, D.
 (21) 2024213183 (22) 22.08.2024
 (54) Mobile Wearable Monitoring Systems

(71) Cancer Research Technology Limited
 (21) 2024213175 (22) 22.08.2024
 (54) Compounds useful as RET inhibitors

(71) Canon Kabushiki Kaisha
 (21) 2024213119 (22) 21.08.2024
 (54) Method, apparatus and system for encoding and decoding a block of video samples

(71) CEMENT AUSTRALIA PTY LTD
 (21) 2024216283 (22) 23.08.2024
 (54) ENHANCED PERFORMANCE OF SUPPLEMENTARY CEMENTITIOUS MATERIALS

(71) Chen, L.; Shi, Y.; Cui, I.
 (21) 2024216327 (22) 23.08.2024
 (54) VERTICALLY OBSERVABLE BLAST-RESISTANT TESTING PIT FOR STRUCTURAL COLUMNS

Chengdu BOE Optoelectronics Technology Co., Ltd. see BOE Technology Group Co., Ltd.
 (21) 2024216317

(71) Chugai Seiyaku Kabushiki Kaisha; F. Hoffmann-La Roche AG
 (21) 2024216280 (22) 23.08.2024
 (54) A pharmaceutical composition for use in the treatment or prevention of a C5-related disease and a method for treating or preventing a C5-related disease

(71) CleanSpace IP Pty Ltd
 (21) 2024213116 (22) 21.08.2024
 (54) Portable personal respirator and use thereof

(71) CnPharm Co., Ltd.; Webiotree Co., Ltd
 (21) 2024213118 (22) 21.08.2024
 (54) Metal (hydr)oxide composite comprising poorly soluble drug, method for manufacturing same, and pharmaceutical composition comprising same

Cui, I. see Chen, L.
 (21) 2024216327

Dai, F. see Yue, H.
 (21) 2024216329

(71) Data Integrity Advisors, LLC
 (21) 2024216379 (22) 27.08.2024
 (54) System and method for lung-volume-gated x-ray imaging

Deere & Company see Blue River Technology Inc.
 (21) 2024213147

(71) Deere & Company
 (21) 2024216286 (22) 23.08.2024
 (54) Sensor assembly, agricultural machine and associated method

(71) Deere & Company
 (21) 2024216294 (22) 23.08.2024
 (54) Basecutter assembly control for a sugarcane harvester

(71) DEKA Products Limited Partnership
 (21) 2024216347 (22) 26.08.2024
 (54) System, method, and apparatus for monitoring, regulating, or controlling fluid flow

(71) DePuy Synthes Products, Inc.
 (21) 2024216374 (22) 27.08.2024

(54) Hybrid fixation features for three-dimensional porous structures for bone ingrowth and methods for producing

(71) Designrex Group Pty Ltd
 (21) 2024213111 (22) 21.08.2024
 (54) AN IMPROVED DESIGNER CLOTHING DISTRIBUTION SYSTEM

(71) Dexcom, Inc.
 (21) 2024216282 (22) 23.08.2024
 (54) Pre-connected analyte sensors

(71) Dolby International AB
 (21) 2024216344 (22) 26.08.2024
 (54) Method and device for applying dynamic range compression to a higher order ambisonics signal

(71) Duffus, C.
 (21) 2024213115 (22) 21.08.2024
 (54) Stud Desk

(71) Ecolab USA Inc.
 (21) 2024216295 (22) 23.08.2024
 (54) Foaming mixed alcohol/water compositions comprising a structured alkoxyated siloxane

(71) Ecolab USA Inc.
 (21) 2024216320 (22) 23.08.2024
 (54) Foaming mixed alcohol/water compositions comprising a combination of alkyl siloxane and a hydrotrope/solubilizer

(71) Edwards Lifesciences Corporation
 (21) 2024216303 (22) 23.08.2024
 (54) Telescoping prosthetic valve with retention element

(71) Elam, K.
 (21) 2024216334 (22) 24.08.2024
 (54) A TEMPERATURE HYDROTHERAPY MUMMY BAG, HYDROTHERAPY BAG, HYDROTHERAPY BED, OR HYDROTHERAPY BLANKET FOR DRY-HYDROTHERAPY BODY MASSAGE

(71) EXEL INDUSTRIES
 (21) 2024216285 (22) 23.08.2024
 (54) Closing device and extracting device of phytosanitary product

(71) Experian Information Solutions, Inc.
 (21) 2024216290 (22) 23.08.2024
 (54) Massive scale heterogeneous data ingestion and user resolution

F. Hoffmann-La Roche AG see Chugai Seiyaku Kabushiki Kaisha

Complete Applications Filed - Name Index cont'd

(21) 2024216280

(71) Finch Therapeutics Holdings LLC
(21) 2024216375 (22) 27.08.2024
(54) Compositions for fecal floral transplantation and methods for making and using them and devices for delivering them

(71) Fine, K.D.
(21) 2024213174 (22) 22.08.2024
(54) REDUCTION ON OXALATE ABSORPTION IN INDIVIDUALS

(71) Fisher & Paykel Healthcare Limited
(21) 2024216354 (22) 26.08.2024
(54) BREATHING ASSISTANCE APPARATUS

(71) FISHER & PAYKEL HEALTHCARE LIMITED
(21) 2024216340 (22) 26.08.2024
(54) INTERFACE COMPRISING A NASAL SEALING PORTION

(71) FLSmidth A/S
(21) 2024216305 (22) 23.08.2024
(54) Gyrotory crusher with self-aligning features

(71) Ford Global Technologies, LLC; The University of Western Australia; The University of Melbourne
(21) 2024216356 (22) 26.08.2024
(54) Liquid phase sintered aluminum alloy for binder jet printing

(71) Fresenius Medical Care Holdings, Inc.
(21) 2024216371 (22) 27.08.2024
(54) Techniques for image-based examination of dialysis access sites

(71) Fujian Yifa Healthcare Products Co.,Ltd.
(21) 2024216387 (22) 27.08.2024
(54) TISSUE INCLUDING HANGING-TYPE PACKAGING BAG

(71) Gambro Lundia AB
(21) 2024216342 (22) 26.08.2024
(54) Calculation of the patient fluid removal rate to compensate for the volume of fluid not removed because of machine down times

(71) Gentex Corporation
(21) 2024216299 (22) 23.08.2024
(54) Headset communication system

(71) Genzyme Corporation
(21) 2024213121 (22) 21.08.2024
(54) Continuous purification of therapeutic proteins

(71) Getac Technology Corporation
(21) 2024216331 (22) 24.08.2024
(54) Docking Station

(71) GLASSWALL (IP) LIMITED
(21) 2024213159 (22) 22.08.2024
(54) Machine Learning Methods And Systems For Determining File Risk Using Content Disarm And Reconstruction Analysis

(71) Great Plains Manufacturing, Inc.
(21) 2024216382 (22) 27.08.2024
(54) Vehicle steering assembly

(71) Halliburton Energy Services, Inc.
(21) 2024216324 (22) 23.08.2024
(54) Variable density element retainer for use downhole

(71) Hangzhou DAC Biotech Co., Ltd
(21) 2024216291 (22) 23.08.2024
(54) Hydrophilic Linkers for Conjugate

(71) Hanshow Technology Co., Ltd.
(21) 2024213129 (22) 21.08.2024
(54) Display content updating method and apparatus, device, and medium

(71) Hendrickson USA, L.L.C.
(21) 2024216362 (22) 26.08.2024
(54) Axle for heavy-duty vehicles

(71) Hunt Perovskite Technologies, L.L.C.
(21) 2024216353 (22) 26.08.2024
(54) BI- AND TRI-LAYER INTERFACIAL LAYERS IN PEROVSKITE MATERIAL DEVICES

(71) Hysential Pty Ltd
(21) 2024213151 (22) 22.08.2024
(54) Tissue Dispenser Comprising Mounting Slot

(71) Iconic Therapeutics LLC
(21) 2024216328 (22) 23.08.2024
(54) Anti-tissue factor antibodies, antibody-drug conjugates, and related methods

(71) Ideal Brain Co., Ltd
(21) 2024213155 (22) 22.08.2024
(54) Vacuum heat insulating panel

(71) I EATING LIGHT LTD.
(21) 2024216309 (22) 23.08.2024
(54) METHOD FOR ALLEVIATING PARTICULATE MATTER-INDUCED LUNG INJURY CAUSED BY PARTICULATE MATTER WITH DIAMETER OF NOT GREATER THAN 2.5 µm (PM2.5) USING ISOLATED STRAIN OF LACTOBACILLUS ACIDOPHILUS TW01

(71) Inari Medical, Inc.
(21) 2024216367 (22) 27.08.2024
(54) INTRAVASCULAR TREATMENT OF VASCULAR OCCLUSION AND ASSOCIATED DEVICES, SYSTEMS, AND METHODS

(71) Intellia Therapeutics, Inc.
(21) 2024211012 (22) 20.08.2024
(54) Lipid nanoparticle formulations for CRISPR/Cas components

(71) IRP Health Pty Ltd
(21) 2024213117 (22) 21.08.2024
(54) Berberine alkaloid formulations in the prevention and/or treatment of infectious disease

(71) i-SENS, Inc.
(21) 2024213143 (22) 22.08.2024
(54) METHOD FOR CALIBRATING SENSITIVITY FOR GLUCOSE MEASUREMENT

(71) Iviva Medical, Inc.
(21) 2024216369 (22) 27.08.2024
(54) Thin film interposition for basement membrane scaffolds

(71) J. Ray McDermott, S.A.
(21) 2024213152 (22) 22.08.2024
(54) A stinger for a pipe laying operation

(71) Jmax Engineering Pty Ltd
(21) 2024213185 (22) 22.08.2024
(54) Noise Attenuating Snorkel Body

(71) Kennedy, J.P.; Truetiva Inc.
(21) 2024216315 (22) 23.08.2024
(54) Compositions for treating dermatological diseases

(71) L.E.A.F. Holdings Group LLC
(21) 2024205501 (22) 02.08.2024
(54) Liposome encapsulated affinity drug

(71) LG Electronics Inc.
(21) 2024211002 (22) 20.08.2024
(54) IMAGE CODING DEVICE AND METHOD

Complete Applications Filed - Name Index cont'd

(71) LG ELECTRONICS INC.
(21) 2024213187 (22) 22.08.2024
(54) Cleaning apparatus

(71) Lithium Bicycle Pty Ltd
(21) 2024216335 (22) 25.08.2024
(54) GROOVED TUBE FOR CONCEALED LIGHTING IN E-BIKE FRAMES

(71) Lithium Bicycle Pty Ltd
(21) 2024216336 (22) 25.08.2024
(54) EBIKE ENGINE CAP WITH INTEGRATED GREASE NOZZLE

(71) Liu, S.
(21) 2024213188 (22) 23.08.2024
(54) METHOD FOR MANUFACTURING VANILLA PRODUCT

(71) LOCKHEED MARTIN CORPORATION
(21) 2024213106 (22) 21.08.2024
(54) SYSTEMS AND METHODS FOR A BATTERY PACK OF A WIRELESS HARNESS AUTOMATED MEASUREMENT SYSTEM

(71) Lone Gull Holdings, Ltd.
(21) 2024216313 (22) 23.08.2024
(54) WIND-POWERED COMPUTING BUOY

(71) Longi Green Energy Technology Co., Ltd.
(21) 2024213186 (22) 22.08.2024
(54) BACK CONTACT SOLAR CELL AND PRODUCTION METHOD, AND BACK CONTACT BATTERY ASSEMBLY

(71) LumanLab Inc.
(21) 2024213132 (22) 21.08.2024
(54) APPARATUS AND METHOD FOR MONITORING CHILD BEHAVIOR

(71) Lumenis Be Ltd
(21) 2024216304 (22) 23.08.2024
(54) Method And System For Determining An Optimal Set Of Operating Parameters For An Aesthetic Skin Treatment Unit

(71) MacDon Industries Ltd
(21) 2024213114 (22) 21.08.2024
(54) WEAR-INHIBITING CLIP FOR DRAPER CLEAT OR SLAT OF A CROP HARVESTING HEADER

(71) Marjanovic, V.
(21) 2024213127 (22) 21.08.2024
(54) Hair Serum

(71) Marjanovic, V.
(21) 2024213160 (22) 22.08.2024
(54) Hair Serum Boost

(71) Maxwells Grocery Trust
(21) 2024216287 (22) 23.08.2024
(54) Processes and ingredients to manufacture the Peanut Butter Parfait Cup

(71) Merck Patent GmbH
(21) 2024216368 (22) 27.08.2024
(54) Consumable tissue-like structure generated with muscle cells grown on edible hollow fibers

(71) Midwest Innovative Products, LLC
(21) 2024216346 (22) 26.08.2024
(54) Tool holder

(71) MOORE, W.
(21) 2024216359 (22) 26.08.2024
(54) Buffering agent cartridge

(71) Moriarty, J.
(21) 2024213112 (22) 21.08.2024
(54) METHOD AND SYSTEM FOR PRODUCING ENHANCED FERTILIZER FROM POULTRY WASTE

(71) MSP Mine Support Products
(21) 2024216323 (22) 23.08.2024
(54) SUPPORT PROP

(71) NanoCytomics, LLC; Northwestern University
(21) 2024213142 (22) 22.08.2024
(54) Automated sample deposition and staining systems and associated methods

(71) Natera, Inc.
(21) 2024213184 (22) 22.08.2024
(54) Compositions and methods for identifying nucleic acid molecules

(71) Neuwborne The Label; Qaqish, M.; Qaqish, R.
(21) 2024216333 (22) 24.08.2024
(54) A safety thermos bottle with a smart lid that provides an LED Temperature display and safety light system. Designed specifically for the safe serving of formula to infants.

(71) Nextracker LLC
(21) 2024216350 (22) 26.08.2024
(54) Variable radius under module bearing

(71) Nextracker LLC
(21) 2024216357 (22) 26.08.2024
(54) Distributed locking tracker

(71) Nicoventures Trading Limited
(21) 2024216310 (22) 23.08.2024
(54) Aerosol provision system

(71) NINGBO LIYANG NEW MATERIAL COMPANY LIMITED
(21) 2024216298 (22) 23.08.2024
(54) ELECTRIC DRILLING-FREE MOUNTING DEVICE FOR MOUNTING CURTAIN AND TOP BEAM MOUNTING ASSEMBLY THEREOF

(71) NINGBO LIYANG NEW MATERIAL COMPANY LIMITED
(21) 2024216302 (22) 23.08.2024
(54) CURTAIN DRILLING-FREE ELECTRIC MOUNTING DEVICE AND TOP BEAM MOUNTING ASSEMBLY THEREOF

(71) Nippon Telegraph and Telephone Corporation
(21) 2024216361 (22) 26.08.2024
(54) Detection device, learning device, detection method, learning method, detection program, and learning program

(71) Northeast Petroleum University
(21) 2024213105 (22) 21.08.2024
(54) HIGH-PRECISION VOLUMETRIC GAS ADSORPTION AND DIFFUSION EXPERIMENTAL METHOD

(71) NORTH INNOVATION AS
(21) 2024213176 (22) 22.08.2024
(54) A SYSTEM FOR MOTION DAMPING OF A FLOATING MARINE STRUCTURE, AN ARRANGEMENT, A METHOD AND USE OF SUCH SYSTEM

Northwestern University see NanoCytomics, LLC
(21) 2024213142

(71) Novartis AG
(21) 2024213158 (22) 22.08.2024
(54) Methods for radiolabelling GRPR antagonists and their kits

(71) Nozomi Networks Sagl
(21) 2024216365 (22) 27.08.2024
(54) NETWORK MONITORING SYSTEM AND METHOD INCLUDING SOFTWARE AGENTS

(71) NUC Electronics Co., Ltd.
(21) 2024213178 (22) 22.08.2024
(54) Food processor and/or cooker

Complete Applications Filed - Name Index cont'd

(71) Nunhems B.V.
(21) 2024213172 (22) 22.08.2024
(54) LETTUCE VARIETY NUN 06361 LTL

(71) Nuritas Limited
(21) 2024211009 (22) 20.08.2024
(54) GROWTH PROMOTING PEPTIDES, AND USES THEREOF

(71) Ocado Innovation Limited
(21) 2024216348 (22) 26.08.2024
(54) AUTOMATED STORAGE SYSTEMS, AND DEVICES

(71) Pietras, A.
(21) 2024216337 (22) 25.08.2024
(54) Control Means for a Vehicle

(71) Potty Plant Pty Ltd
(21) 2024216322 (22) 23.08.2024
(54) APPARATUS, SYSTEM AND METHOD FOR DELIVERY AND PRESENTATION OF TURF FOR PET TOILETRY

(71) Proxene Tools Co., Ltd.
(21) 2024216385 (22) 27.08.2024
(54) Pipe wrench

Qaqish, M. see Neuwborne The Label
(21) 2024216333

Qaqish, R. see Neuwborne The Label
(21) 2024216333

(71) Qualcomm Incorporated
(21) 2024211011 (22) 20.08.2024
(54) UPLINK SIGNALING OF DIRECT CURRENT (DC) TONE LOCATION IN NEW RADIO (NR)

(71) Ramanayaka, V.
(21) 2024216343 (22) 26.08.2024
(54) Real-time communication video compilation

(71) Regeneron Pharmaceuticals, Inc.
(21) 2024216321 (22) 23.08.2024
(54) CRISPR/CAS SCREENING PLATFORM TO IDENTIFY GENETIC MODIFIERS OF TAU SEEDING OR AGGREGATION

(71) Regeneron Pharmaceuticals, Inc.
(21) 2024216363 (22) 27.08.2024
(54) Methods and systems for determining responders to treatment

(71) Rooster, LLC
(21) 2024213122 (22) 21.08.2024
(54) Asset tracking system and methods

(71) Route 92 Medical, Inc.
(21) 2024216366 (22) 27.08.2024
(54) RAPID ASPIRATION THROMBECTOMY SYSTEM AND METHOD

(71) Royal Bank of Canada
(21) 2024216332 (22) 24.08.2024
(54) SYSTEM AND METHOD FOR SECURE ELECTRONIC TRANSACTION PLATFORM

(71) Rust-Oleum Corporation
(21) 2024216376 (22) 27.08.2024
(54) Wide mouth spray actuator

(71) S&A Group Holdings Limited
(21) 2024213109 (22) 21.08.2024
(54) Ultraviolet lighting

(71) Sabert Corporation
(21) 2024213125 (22) 21.08.2024
(54) Hybrid Container

(71) SABIC Global Technologies B.V.
(21) 2024216351 (22) 26.08.2024
(54) Pipe with high abrasion resistance

(71) Sage Therapeutics, Inc.
(21) 2024213161 (22) 22.08.2024
(54) Compositions and methods for treating CNS disorders

(71) Seinda Pharmaceutical Guangzhou Corporation
(21) 2024216339 (22) 26.08.2024
(54) OPHTHALMIC PHARMACEUTICAL COMPOSITION, PREPARATION METHOD THEREFOR AND APPLICATION THEREOF

(71) Selecta Biosciences, Inc.
(21) 2024213104 (22) 21.08.2024
(54) METHODS AND COMPOSITIONS FOR ENHANCING CD4+ REGULATORY T CELLS

(71) SENSE2 PTY LTD
(21) 2024211013 (22) 20.08.2024
(54) Comprehensive Advanced Boron-Doped Diamond Structures for Semiconductor, AI, Quantum Computing, and Memory Applications

(71) Shaheen Innovations Holding Limited
(21) 2024213108 (22) 21.08.2024
(54) A HOOKAH DEVICE

Shi, Y. see Chen, L.
(21) 2024216327

(71) Ship and Ocean Industries R&D Center
(21) 2024213110 (22) 21.08.2024
(54) FLOATING OBJECT INFORMATION FUSION SYSTEM AND OPERATING METHOD THEREOF

(71) Siemens Mobility GmbH
(21) 2024213171 (22) 22.08.2024
(54) Method for performing a technical process in regular operation and repair operation

(71) SightGlass Vision, Inc.
(21) 2024216341 (22) 26.08.2024
(54) OPHTHALMIC LENSES, METHODS OF MANUFACTURING THE OPHTHALMIC LENSES, AND METHODS OF DISPENSING EYE CARE PRODUCTS INCLUDING THE SAME

(71) Smith, D.
(21) 2024213177 (22) 22.08.2024
(54) Fishing Rod Holder Assembly

(71) Société des Produits Nestlé S.A.
(21) 2024213181 (22) 22.08.2024
(54) Container, preparation machine and system using a binary code for encoding preparation information

(71) Société des Produits Nestlé S.A.
(21) 2024213182 (22) 22.08.2024
(54) HMOs blends for use in infants or young children for health purposes

(71) Spellman High-Voltage Electronics Corporation
(21) 2024211014 (22) 21.08.2024
(54) PRE-HEATING OF THE FILAMENT OF AN XRAY TUBE

(71) SPEX SamplePrep, LLC
(21) 2024216284 (22) 23.08.2024
(54) Improved sample grinder

(71) Stats LLC
(21) 2024213173 (22) 22.08.2024
(54) Video Processing For Embedded Information Card Localization And Content Extraction

(71) STRYKER AUSTRALIA PTY LTD
(21) 2024213128 (22) 21.08.2024
(54) SYSTEMS FOR ASSISTING SURGERY

Complete Applications Filed - Name Index cont'd

(71) Stryker Corporation
 (21) 2024216372 (22) 27.08.2024
 (54) Techniques for anatomical segmentation of medical images

(71) Syros Pharmaceuticals, Inc.
 (21) 2024216311 (22) 23.08.2024
 (54) Methods of stratifying patients for treatment with retinoic acid receptor-alpha agonists

(71) Takeda Pharmaceutical Company Limited
 (21) 2024216301 (22) 23.08.2024
 (54) POOLING DEVICE FOR SINGLE OR MULTIPLE CONTAINERS

(71) Techtronic Cordless GP
 (21) 2024213156 (22) 22.08.2024
 (54) Battery cap and battery including the battery cap

(71) Techtronic Cordless GP
 (21) 2024216314 (22) 23.08.2024
 (54) Hard surface cleaning device

(71) The Binding Site Group Limited
 (21) 2024213167 (22) 22.08.2024
 (54) ASSAY FOR PLASMA CELL ASSOCIATED DISEASE

(71) The Boeing Company
 (21) 2024213124 (22) 21.08.2024
 (54) Device, system and method for tacking layers of material

(71) The Boeing Company
 (21) 2024213163 (22) 22.08.2024
 (54) Multilayer electrostatic pad

(71) The Boeing Company
 (21) 2024213165 (22) 22.08.2024
 (54) System and method for managing electrostatic adhesion between a sheet of material and an electrostatic pad

(71) The Chamberlain Group LLC
 (21) 2024213144 (22) 22.08.2024
 (54) Security system for a moveable barrier operator

(71) The Government of the United States of America as represented by the Department of Veterans Affairs
 (21) 2024213133 (22) 21.08.2024
 (54) Microfluidic diffusion devices and systems, and methods of manufacturing and using same

(71) The Mosaic Company
 (21) 2024216373 (22) 27.08.2024
 (54) Granulated feed phosphate composition including feed enzymes

(71) The Regents of the University of Colorado, a body corporate
 (21) 2024216318 (22) 23.08.2024
 (54) Bacterial cellulose gels, process for producing and methods of use

(71) The Trustees of The University of Pennsylvania
 (21) 2024216307 (22) 23.08.2024
 (54) Compositions For Treatment Of Wet Age-Related Macular Degeneration

(71) The United States of America, as represented by the Secretary, Department of Health and Human Services
 (21) 2024216293 (22) 23.08.2024
 (54) Chimeric antigen receptors targeting B-cell maturation antigen

(71) The University of Akron
 (21) 2024213107 (22) 21.08.2024
 (54) SMART SENSOR NETWORK FOR POWER GRID HEALTH MONITORING

The University of Melbourne see Ford Global Technologies, LLC
 (21) 2024216356

The University of Western Australia see Ford Global Technologies, LLC
 (21) 2024216356

(71) Tianjin Meiteng Technology Co., Ltd.
 (21) 2024213137 (22) 22.08.2024
 (54) FLOW-THROUGH SORTING DEVICE

(71) Trina Solar Co., Ltd
 (21) 2024216360 (22) 26.08.2024
 (54) Silicon-based heterojunction solar cell and manufacturing method thereof

(71) Trina Solar Co., Ltd.
 (21) 2024216358 (22) 26.08.2024
 (54) An interdigitated back contact cell and manufacturing method thereof

(71) TRINA SOLAR CO., LTD.
 (21) 2024216352 (22) 26.08.2024
 (54) Transfer printing assembly, solar cell, and preparation method thereof

Truetiva Inc. see Kennedy, J.P.
 (21) 2024216315

(71) Ulthera, Inc.
 (21) 2024213113 (22) 21.08.2024
 (54) SYSTEMS AND METHODS FOR COSMETIC ULTRASOUND TREATMENT OF SKIN

(71) University of Pittsburgh - of the Commonwealth System of Higher Education
 (21) 2024216364 (22) 27.08.2024
 (54) ONCOLYTIC VIRUSES TARGETING STAT3

(71) Vaccinex, Inc.
 (21) 2024216306 (22) 23.08.2024
 (54) Anti-CCR8 antibodies and uses thereof

(71) Valent BioSciences LLC
 (21) 2024216326 (22) 23.08.2024
 (54) 1-amino-1-cyclopropanecarboxylic acid solid compositions

(71) Valmont Australia Pty Limited
 (21) 2024216349 (22) 26.08.2024
 (54) ADJUSTABLE FRAMEWORK AND COMPONENTS THEREFOR

(71) Vedanta Biosciences, Inc.
 (21) 2024213141 (22) 22.08.2024
 (54) Methods and compositions for preserving bacteria

(71) Verrica Pharmaceuticals Inc.
 (21) 2024213140 (22) 22.08.2024
 (54) Devices and methods for the treatment of body surface disorders

(71) Vinventions USA, LLC
 (21) 2024213139 (22) 22.08.2024
 (54) Method for manufacturing a closure for a product-retaining container

(71) Virtual X Sdn. Bhd
 (21) 2024216316 (22) 23.08.2024
 (54) MULTI-TENANCY VIRTUAL REALITY (VR) SYSTEM WITH REAL-TIME DATA TRACKING FOR TRAINING PERFORMANCE EVALUATION, USER ACCESS AUTHENTICATION AND BACK OFFICE MANAGEMENT, AND METHOD THEREOF

(71) Vista Outdoor Operations LLC
 (21) 2024216288 (22) 23.08.2024
 (54) THUMB-ACTUATED LOCKING HOLSTER

(71) Vista Outdoor Operations LLC
 (21) 2024216297 (22) 23.08.2024

Complete Applications Filed - Name Index cont'd

(54) THUMB-ACTUATED LOCKING HOL-
STER

Webiotree Co., Ltd see CnPharm Co., Ltd.
(21) 2024213118

(71) Whirlpool Corporation
(21) 2024213136 (22) 21.08.2024
(54) Digitally Controlled Mixer Head Lock

(71) WIREMAN PTY LIMITED
(21) 2024216370 (22) 27.08.2024
(54) A Chain Restraint

(71) WU, S.
(21) 2024213146 (22) 22.08.2024
(54) Poultry manure conversion agent

(71) X Development LLC
(21) 2024213145 (22) 22.08.2024
(54) Training machine learning models
to predict characteristics of adverse
events using intermittent data

(71) Yoda Therapeutics Inc.
(21) 2024216325 (22) 23.08.2024
(54) Benzimidazole derivatives for treatment
and/or prevention of diseases and dis-
orders mediated by NLRP3

(71) Ypsomed AG
(21) 2024216308 (22) 23.08.2024
(54) Insulin and pramlintide delivery sys-
tems, methods, and devices

(71) Yue, H.; Dai, F.
(21) 2024216329 (22) 23.08.2024
(54) TATTOOING DEVICE

(71) ZAJDMAN, A.
(21) 2024213123 (22) 21.08.2024
(54) A LASER SYSTEM

Numerical Index

2024205501	L.E.A.F. Holdings Group LLC	2024213169	Board of Regents of the University of Nebraska
2024211002	LG Electronics Inc.	2024213170	Accenture Global Solutions Limited
2024211009	Nuritas Limited	2024213171	Siemens Mobility GmbH
2024211011	Qualcomm Incorporated	2024213172	Nunhems B.V.
2024211012	Intellia Therapeutics, Inc.	2024213173	Stats LLC
2024211013	SENSE2 PTY LTD	2024213174	Fine, K.D.
2024211014	Spellman High-Voltage Electronics Corporation	2024213175	Cancer Research Technology Limited
2024211015	Bullfrog International, LC.	2024213176	NORTH INNOVATION AS
2024213104	Selecta Biosciences, Inc.	2024213177	Smith, D.
2024213105	Northeast Petroleum University	2024213178	NUC Electronics Co., Ltd.
2024213106	LOCKHEED MARTIN CORPORATION	2024213179	Boston Scientific Neuromodulation Corporation
2024213107	The University of Akron	2024213180	Boston Scientific Neuromodulation Corporation
2024213108	Shaheen Innovations Holding Limited	2024213181	Société des Produits Nestlé S.A.
2024213109	S&A Group Holdings Limited	2024213182	Société des Produits Nestlé S.A.
2024213110	Ship and Ocean Industries R&D Center	2024213183	Burton, D.
2024213111	Designrex Group Pty Ltd	2024213184	Natera, Inc.
2024213112	Moriarty, J.	2024213185	Jmax Engineering Pty Ltd
2024213113	Ulthera, Inc.	2024213186	Longi Green Energy Technology Co., Ltd.
2024213114	MacDon Industries Ltd	2024213187	LG ELECTRONICS INC.
2024213115	Duffus, C.	2024213188	Liu, S.
2024213116	CleanSpace IP Pty Ltd	2024216279	ATW Technology Inc.
2024213117	IRP Health Pty Ltd	2024216280	Chugai Seiyaku Kabushiki Kaisha; F. Hoffmann-La Roche AG
2024213118	CnPharm Co., Ltd.; Webiotree Co., Ltd	2024216281	ABB Schweiz AG
2024213119	Canon Kabushiki Kaisha	2024216282	Dexcom, Inc.
2024213120	Accenture Global Solutions Limited	2024216283	CEMENT AUSTRALIA PTY LTD
2024213121	Genzyme Corporation	2024216284	SPEX SamplePrep, LLC
2024213122	Rooster, LLC	2024216285	EXEL INDUSTRIES
2024213123	ZAJDMAN, A.	2024216286	Deere & Company
2024213124	The Boeing Company	2024216287	Maxwells Grocery Trust
2024213125	Sabert Corporation	2024216288	Vista Outdoor Operations LLC
2024213126	Apple Inc.	2024216289	Bay Trusses & Frames Pty Ltd
2024213127	Marjanovic, V.	2024216290	Experian Information Solutions, Inc.
2024213128	STRYKER AUSTRALIA PTY LTD	2024216291	Hangzhou DAC Biotech Co., Ltd
2024213129	Hanshow Technology Co., Ltd.	2024216292	Andersen, J.
2024213130	Aristocrat Technologies, Inc.	2024216293	The United States of America, as represented by the Secretary, Department of Health and Human Services
2024213131	Aristocrat Technologies, Inc.	2024216294	Deere & Company
2024213132	LumanLab Inc.	2024216295	Ecolab USA Inc.
2024213133	The Government of the United States of America as represented by the Department of Veterans Affairs	2024216296	Adobe Inc.
2024213134	Aristocrat Technologies Australia Pty Limited	2024216297	Vista Outdoor Operations LLC
2024213135	Aurigene Oncology Limited	2024216298	NINGBO LIYANG NEW MATERIAL COMPANY LIMITED
2024213136	Whirlpool Corporation	2024216299	Gentex Corporation
2024213137	Tianjin Meiteng Technology Co., Ltd.	2024216300	Blackburn, M.
2024213138	Air Products and Chemicals, Inc.	2024216301	Takeda Pharmaceutical Company Limited
2024213139	Vinventions USA, LLC	2024216302	NINGBO LIYANG NEW MATERIAL COMPANY LIMITED
2024213140	Verrica Pharmaceuticals Inc.	2024216303	Edwards Lifesciences Corporation
2024213141	Vedanta Biosciences, Inc.	2024216304	Lumenis Be Ltd
2024213142	NanoCytomics, LLC; Northwestern University	2024216305	FLSmith A/S
2024213143	i-SENS, Inc.	2024216306	Vaccinex, Inc.
2024213144	The Chamberlain Group LLC	2024216307	The Trustees of The University of Pennsylvania
2024213145	X Development LLC	2024216308	Ypsomed AG
2024213146	WU, S.	2024216309	I EATING LIGHT LTD.
2024213147	Blue River Technology Inc.; Deere & Company	2024216310	Nicoventures Trading Limited
2024213151	Hysential Pty Ltd	2024216311	Syros Pharmaceuticals, Inc.
2024213152	J. Ray McDermott, S.A.	2024216312	Acerus Biopharma Inc.
2024213155	Ideal Brain Co., Ltd	2024216313	Lone Gull Holdings, Ltd.
2024213156	Techtronic Cordless GP	2024216314	Techtronic Cordless GP
2024213157	B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.	2024216315	Kennedy, J.P.; Truetiva Inc.
2024213158	Novartis AG	2024216316	Virtual X Sdn. Bhd
2024213159	GLASSWALL (IP) LIMITED	2024216317	BOE Technology Group Co., Ltd.; Chengdu BOE Optoelectronics Technology Co., Ltd.
2024213160	Marjanovic, V.	2024216318	The Regents of the University of Colorado, a body corporate
2024213161	Sage Therapeutics, Inc.	2024216319	Bosch Corporation
2024213162	Alpha Tau Medical Ltd.	2024216320	Ecolab USA Inc.
2024213163	The Boeing Company		
2024213164	BT Manufacturing LLC		
2024213165	The Boeing Company		
2024213166	BT Manufacturing LLC		
2024213167	The Binding Site Group Limited		

Complete Applications Filed - Numerical Index cont'd

2024216321	Regeneron Pharmaceuticals, Inc.
2024216322	Potty Plant Pty Ltd
2024216323	MSP Mine Support Products
2024216324	Halliburton Energy Services, Inc.
2024216325	Yoda Therapeutics Inc.
2024216326	Valent BioSciences LLC
2024216327	Chen, L.; Shi, Y.; Cui, I.
2024216328	Iconic Therapeutics LLC
2024216329	Yue, H.; Dai, F.
2024216330	Anderson, E.
2024216331	Getac Technology Corporation
2024216332	Royal Bank of Canada
2024216333	Neuwborne The Label; Qaqish, M.; Qaqish, R.
2024216334	Elam, K.
2024216335	Lithium Bicycle Pty Ltd
2024216336	Lithium Bicycle Pty Ltd
2024216337	Pietras, A.
2024216338	Abbott Diabetes Care Inc.
2024216339	Seinda Pharmaceutical Guangzhou Corporation
2024216340	FISHER & PAYKEL HEALTHCARE LIMITED
2024216341	SightGlass Vision, Inc.
2024216342	Gambro Lundia AB
2024216343	Ramanayaka, V.
2024216344	Dolby International AB
2024216345	Brook & Whittle Limited
2024216346	Midwest Innovative Products, LLC
2024216347	DEKA Products Limited Partnership
2024216348	Ocado Innovation Limited
2024216349	Valmont Australia Pty Limited
2024216350	Nextracker LLC
2024216351	SABIC Global Technologies B.V.
2024216352	TRINA SOLAR CO., LTD.
2024216353	Hunt Perovskite Technologies, L.L.C.
2024216354	Fisher & Paykel Healthcare Limited
2024216355	AEON BioPharma, Inc.
2024216356	Ford Global Technologies, LLC; The University of Western Australia; The University of Melbourne
2024216357	Nextracker LLC
2024216358	Trina Solar Co., Ltd.
2024216359	MOORE, W.
2024216360	Trina Solar Co., Ltd
2024216361	Nippon Telegraph and Telephone Corporation
2024216362	Hendrickson USA, L.L.C.
2024216363	Regeneron Pharmaceuticals, Inc.
2024216364	University of Pittsburgh - of the Commonwealth System of Higher Education
2024216365	Nozomi Networks Sagl
2024216366	Route 92 Medical, Inc.
2024216367	Inari Medical, Inc.
2024216368	Merck Patent GmbH
2024216369	Iviva Medical, Inc.
2024216370	WIREMAN PTY LIMITED
2024216371	Fresenius Medical Care Holdings, Inc.
2024216372	Stryker Corporation
2024216373	The Mosaic Company
2024216374	DePuy Synthes Products, Inc.
2024216375	Finch Therapeutics Holdings LLC
2024216376	Rust-Oleum Corporation
2024216377	Aussie Balustrading & Stairs Pty Ltd
2024216378	Aussie Balustrading & Stairs Pty Ltd
2024216379	Data Integrity Advisors, LLC
2024216380	Adaptive Sensory Technology, Inc.
2024216382	Great Plains Manufacturing, Inc.
2024216384	Bambino Prezioso Switzerland AG
2024216385	Proxene Tools Co., Ltd.
2024216387	Fujian Yifa Healthcare Products Co.,Ltd.

Innovation Patent Applications Filed**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 20 Aug 2024 .
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

(71) Industrial Adhesives Australasia Pty Ltd
(21) 2024100031 **(22)** 21.08.2024
(54) IMPROVED PAPER BASED WIPE
 PRODUCT
(62) 2018203431

Numerical Index

2024100031 Industrial Adhesives Australasia Pty 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
8	Application Lapsed Reg. 3.4(6)
9	Application Lapsed Section 142(3)
11	Application Lapsed Section 148(1)(c)
12	Application Withdrawn Section 141(1)
13	Application Withdrawn Section 141(2)/Reg 13.1C\Section 141(3)/See Reg 8.3(2)
14	Patent Ceased Section 143(a), or Expired
15	Patent Ceased Section 143(b)
16	Application Refused
17	Application Lapsed Reg. 22.2B(2)
18	Application Lapsed Reg. 3.2B(3),(5) or (6)
20	Patent Ceased Section 143A(b)/Reg. 22.2D(2) or (4)
21	Patent Ceased Section 101C(b)/Section 143A(c)/Reg. 9A.4
22	Patent Ceased Section 143A(d), or Expired
23	Patent Ceased Section 143A(e)
24	Application Lapsed Reg. 22.2E(2)
25	Application Lapsed Reg. 22.2I(2)
26	Application Lapsed Reg. 3.5AC(11)
27	Application Lapsed Reg. 3.5AF(2F)
28	Application Lapsed Reg. 22.15A(3)
A	Applications on which examination has not been requested or directed
B	Applications on which a direction to request examination has been given
C	Applications on which examination has been requested or on which an examination report has been issued
D	Applications which have been accepted or advertised accepted
E	Patents on which an examination has not been requested
F	Patents on which an examination has been requested or report issued
G	Patents Certified
N	Applications not Open to Public Inspection

2004

2004203877 (14)	2004203883 (14)	2004205079 (14)
2004205092 (14)	2004205141 (14)	2004205146 (14)
2004264372 (14)	2004264436 (14)	2004264448 (14)
2004264450 (14)	2004264560 (14)	2004264626 (14)
2004264628 (14)	2004264635 (14)	2004264714 (14)
2004264757 (14)	2004264994 (14)	2004264997 (14)
2004265161 (14)	2004265844 (14)	2004265989 (14)
2004266017 (14)	2004266019 (14)	2004266402 (14)
2004266684 (14)	2004266698 (14)	2004266854 (14)
2004267062 (14)	2004267304 (14)	2004267444 (14)
2004267445 (14)	2004267844 (14)	2004267850 (14)
2004268945 (14)	2004268946 (14)	2004269349 (14)
2004270163 (14)	2004270656 (14)	2004271558 (14)
2004272177 (14)	2004277317 (14)	2004286833 (14)
2004288136 (14)	2004288137 (14)	2004288139 (14)
2004293502 (14)	2004300915 (14)	2004301057 (14)
2004301059 (14)	2004301168 (14)	2004302541 (14)
2004305266 (14)	2004322452 (14)	2004322758 (14)

2005

2005209773 (14)	2005211791 (14)	2005212326 (14)
2005212334 (14)	2005212335 (14)	2005212352 (14)
2005213987 (14)	2005215376 (14)	2005220616 (14)
2005267595 (14)	2005267597 (14)	2005269244 (14)
2005323771 (14)	2005327056 (14)	

2006

2006209809 (14)	2006210757 (14)	2006212811 (14)
2006213692 (14)	2006213730 (14)	2006213800 (14)
2006213803 (14)	2006213804 (14)	2006213805 (14)
2006213806 (14)	2006214582 (14)	2006217007 (14)
2006237605 (14)	2006312941 (14)	

2007

2007200558 (14)	2007200612 (14)	2007212246 (14)
2007212255 (14)	2007212265 (14)	2007213470 (14)
2007213507 (14)	2007213591 (14)	2007213767 (14)
2007214227 (14)	2007215062 (14)	2007215242 (14)
2007215977 (14)	2007215978 (14)	2007217879 (14)

2008

2008212526 (14)	2008213158 (14)	2008213626 (14)
2008215193 (14)	2008215532 (14)	2008215714 (14)
2008216698 (14)	2008216749 (14)	2008217459 (14)
2008219483 (14)		

2009

2009200517 (14)	2009201293 (14)	2009212135 (14)
2009214028 (14)	2009214686 (14)	2009215014 (14)
2009215188 (14)	2009220858 (14)	2009220859 (14)
2009244877 (14)	2009321578 (14)	

2010

2010200552 (14)	2010202159 (14)	2010202161 (14)
2010202162 (14)	2010212651 (14)	2010213790 (14)
2010213840 (14)	2010213892 (14)	2010215634 (14)
2010215636 (14)	2010215639 (14)	2010224614 (14)
2010224615 (14)	2010235951 (14)	2010345321 (14)
2010345737 (14)	2010345902 (14)	

2011

2011200486 (14)	2011200588 (14)	2011200590 (14)
2011200592 (14)	2011200617 (14)	2011203089 (14)
2011205093 (14)	2011214298 (14)	2011214423 (14)
2011215557 (14D)	2011215742 (14)	2011215822 (14)
2011215898 (14)	2011218339 (14)	2011218391 (14)
2011227712 (14)	2011257942 (14)	2011264675 (14)
2011265399 (14)	2011265401 (14)	

2012

2012200732 (14)	2012214132 (14)	2012214225 (14)
2012214420 (14)	2012214596 (14)	2012214827 (14)
2012215435 (14)	2012215436 (14)	2012217219 (14)
2012217916 (14)	2012218285 (14)	2012220457 (14)
2012221827 (14)	2012241193 (14)	2012369067 (14)

2013

2013201171 (14)	2013202073 (14)	2013216753 (14)
2013216821 (14)	2013217467 (14)	2013218001 (14)
2013218072 (14)	2013218343 (14)	2013218402 (14)
2013219399 (14)	2013220074 (14)	2013220405 (14)
2013220438 (14)	2013220522 (14)	2013221604 (14)
2013221673 (14)	2013221877 (14)	2013221945 (14)
2013227680 (14)	2013275161 (14)	

2014

2014200687 (14)	2014203165 (14)	2014204443 (14)
2014206219 (14)	2014213897 (14)	2014214249 (14)
2014215299 (14)	2014215300 (14)	2014216300 (14)
2014216341 (14)	2014216415 (14)	2014216456 (14)
2014221364 (14)	2014224904 (14)	2014228663 (14)

2014262282 (14)	2014295747 (14)		2020201025 (4A)	2020201026 (4A)	2020201027 (4A)
			2020201029 (4A)	2020202817 (14)	2020204384 (14)
2015			2020217385 (1B)	2020218353 (14)	2020221054 (4C)
2015200640 (14)	2015200644 (14)	2015202077 (14)	2020221273 (14)	2020222044 (4C)	2020222345 (14)
2015203078 (14)	2015203464 (14)	2015213569 (14)	2020222346 (14)	2020222948 (14)	2020223028 (4C)
2015213583 (14)	2015213593 (14)	2015213721 (14)	2020223058 (4C)	2020223465 (14)	2020227032 (1B)
2015216546 (14)	2015216958 (14)	2015217271 (14)	2020227041 (1B)	2020227071 (1B)	2020227079 (1B)
2015218172 (14)	2015218201 (14)	2015218227 (14)	2020227096 (1B)	2020227099 (1B)	2020227108 (1B)
2015218295 (14)	2015218302 (14)	2015218336 (14)	2020227650 (4B)	2020229289 (4B)	2020230315 (1B)
2015219339 (14)	2015222384 (14)	2015225652 (14)	2020230493 (4B)	2020232876 (4B)	2020233751 (5C)
2015230786 (14)	2015248172 (14)	2015249085 (14)	2020234614 (4B)	2020264339 (14)	2020314733 (12D)
2015382417 (14)			2020319816 (4B)	2020328208 (4B)	2020340463 (1B)
			2020340464 (1B)	2020340666 (1B)	2020340852 (1B)
			2020340961 (1B)	2020341111 (1B)	2020341168 (1B)
2016			2020341184 (1B)	2020341464 (1B)	2020341482 (1B)
2016101455 (22)	2016101457 (22)	2016101458 (22)	2020341552 (1B)	2020341577 (1B)	2020341679 (1B)
2016101459 (22)	2016101460 (22)	2016101464 (22)	2020341711 (1B)	2020341808 (1B)	2020341824 (1B)
2016101465 (22)	2016101468 (22)	2016101479 (22)	2020342391 (1B)	2020342458 (1B)	2020342570 (1B)
2016101480 (22)	2016102420 (22)	2016200035 (14)	2020342628 (1B)	2020342691 (1B)	2020342706 (1B)
2016200806 (14)	2016200819 (14)	2016200919 (14)	2020342991 (1B)	2020343063 (1B)	2020343416 (1B)
2016202375 (14)	2016215058 (14)	2016216782 (14)	2020343464 (1B)	2020343516 (1B)	2020343657 (1B)
2016216986 (14)	2016217402 (14)	2016217507 (14)	2020343680 (1B)	2020343829 (1B)	2020344241 (1B)
2016217617 (14)	2016217830 (14)	2016217873 (14)	2020344477 (1B)	2020344517 (1B)	2020344540 (1B)
2016219052 (14)	2016219362 (14)	2016219650 (14)	2020344551 (1B)	2020344573 (1B)	2020344792 (1B)
2016220348 (14)	2016220373 (14)	2016220398 (14)	2020344799 (1B)	2020344921 (1B)	2020344932 (1B)
2016221620 (14)	2016225447 (14)	2016250481 (14)	2020345004 (1B)	2020345332 (1B)	2020345648 (1B)
2016252354 (14)	2016392456 (14)		2020345656 (1B)	2020345766 (1B)	2020345841 (1B)
			2020345847 (1B)	2020345850 (1B)	2020345937 (1B)
2017			2020346186 (1B)	2020346463 (1B)	2020346614 (1B)
2017100947 (22)	2017200906 (4C)	2017204510 (5C)	2020346704 (1B)	2020347098 (1B)	2020347165 (1B)
2017217209 (14)	2017217337 (14)	2017217607 (14)	2020347405 (1B)	2020350493 (1B)	2020356804 (14)
2017217781 (14)	2017217783 (14)	2017218143 (14)	2020395428 (5C)	2020414701 (5C)	2020427285 (4A)
2017218300 (14)	2017218516 (14)	2017218601 (14)	2020428402 (4A)	2020429186 (4C)	2020468917 (5C)
2017218649 (14)	2017219695 (14)	2017221661 (14)	2020469336 (25D)		
2017227351 (14)	2017228554 (5C)	2017233674 (14)			
2017245435 (5C)	2017250797 (5C)	2017268248 (5C)	2021		
2017279550 (5C)			2021100757 (22E)	2021100779 (22E)	2021100782 (22E)
			2021100813 (22E)	2021100814 (22E)	2021100815 (22E)
2018			2021100818 (22E)	2021100829 (22E)	2021100832 (22E)
2018102190 (22)	2018200916 (4C)	2018200962 (14)	2021100836 (22E)	2021100850 (22E)	2021100862 (22E)
2018201009 (4C)	2018201173 (14)	2018201610 (14)	2021100871 (22E)	2021214324 (5C)	2021218019 (5C)
2018202596 (25D)	2018203722 (14)	2018217489 (4C)	2021218108 (5C)	2021231435 (5C)	2021237636 (5C)
2018217495 (14)	2018217710 (14)	2018217834 (4C)	2021240311 (5C)	2021266183 (14)	2021269446 (5C)
2018217877 (14)	2018218324 (4C)	2018218522 (14)	2021270888 (5C)	2021278579 (5C)	2021298570 (25D)
2018218656 (14)	2018218696 (14)	2018219255 (14)	2021310520 (5C)	2021310689 (5C)	2021315124 (5C)
2018219278 (4D)	2018219282 (14)	2018219283 (14)	2021336683 (25D)	2021426144 (5C)	2021449023 (12C)
2018219770 (14)	2018219854 (4C)	2018221885 (14)			
2018224380 (5C)	2018224534 (4C)	2018227345 (14)	2022		
2018247241 (5C)	2018259214 (4C)	2018264125 (14)	2022200446 (4C)	2022200894 (25D)	2022201926 (5C)
2018267645 (14)	2018271994 (5C)	2018276175 (5C)	2022202304 (4C)	2022202420 (5C)	2022202520 (4C)
2018282424 (14)	2018294650 (5C)	2018313094 (5C)	2022202537 (25D)	2022202771 (5C)	2022203009 (4C)
2018314837 (5C)	2018321866 (5C)	2018322279 (5C)	2022203090 (4C)	2022203207 (25D)	2022203327 (5C)
2018333282 (5C)	2018334214 (5C)	2018336632 (25D)	2022203361 (4C)	2022203594 (5C)	2022203847 (5C)
2018338646 (5C)	2018345609 (5C)	2018346501 (5C)	2022203919 (5C)	2022203977 (5C)	2022204147 (5C)
2018346576 (5C)	2018359624 (5C)	2018363687 (5C)	2022204163 (25D)	2022204241 (5C)	2022204248 (5C)
2018365287 (5C)	2018379396 (5C)	2018408521 (4C)	2022204352 (4C)	2022204546 (5C)	2022204598 (5C)
			2022204607 (5C)	2022204845 (5C)	2022204885 (5C)
2019			2022204931 (5C)	2022206742 (5C)	2022206804 (5C)
2019100132 (22E)	2019100145 (22E)	2019100146 (22E)	2022211881 (5C)	2022215210 (5C)	2022215213 (5C)
2019101431 (22)	2019101735 (22E)	2019200450 (14)	2022215214 (5C)	2022215237 (25D)	2022215302 (5C)
2019204113 (14)	2019216615 (14)	2019216793 (14)	2022215329 (5C)	2022218485 (4C)	2022218497 (5C)
2019217187 (14)	2019217983 (4C)	2019218118 (4C)	2022218513 (5C)	2022218545 (5C)	2022224814 (5C)
2019218249 (4C)	2019218517 (14)	2019218550 (4C)	2022228165 (5C)	2022235538 (5C)	2022283678 (5C)
2019218557 (4C)	2019218647 (4C)	2019219322 (4C)			
2019219678 (4C)	2019220015 (14)	2019220303 (4C)	2023		
2019220633 (4C)	2019221504 (4C)	2019222685 (14)	2023100020 (22E)	2023200127 (5C)	2023200799 (4C)
2019222839 (14)	2019225468 (4C)	2019228239 (4C)	2023200933 (5C)	2023200948 (4C)	2023201795 (4C)
2019229368 (14)	2019247766 (12C)	2019328766 (5C)	2023202114 (4C)	2023202842 (5CN)	2023206155 (5C)
2019364866 (25D)	2019429311 (4C)	2019464395 (1B)	2023272140 (1B)	2023902648 (12AN)	2023902662 (12AN)
2019464494 (1B)	2019464659 (1B)		2023902742 (12AN)	2023902744 (12AN)	2023902747 (12AN)
2020			2024		
2020200910 (4B)	2020200987 (4B)	2020201015 (4A)			
2020201018 (4A)	2020201021 (4A)	2020201024 (4A)			

2024203702 (1B) 2024203703 (1B) 2024203729 (1B)
 2024203831 (1B) 2024203881 (1B) 2024204104 (7CN)
 2024204156 (7AN) 2024901991 (12AN) 2024901992 (12AN)

Assignments before Grant, Section 113

2018

2018217201 Blackburn, Raymond The application has been assigned to **Keg and Cask Technologies Ltd**

2018303789 Rezatec Limited The application has been assigned to **Hexcuity Limited**

2019

2019208245 Eger, Horst The application has been assigned to **MAJA-Maschinenfabrik Hermann Schill GmbH**

2019218391 Boost Biomes, Inc. The application has been assigned to **Nihon Nohyaku Co., Ltd**

2019227632 Artisan Vehicle Systems, Inc. The application has been assigned to **SANDVIK MINING AND CONSTRUCTION OY**

2019227638 Artisan Vehicle Systems, Inc. The application has been assigned to **SANDVIK MINING AND CONSTRUCTION OY**

2019227644 Artisan Vehicle Systems, Inc. The application has been assigned to **SANDVIK MINING AND CONSTRUCTION OY**

2019227647 Artisan Vehicle Systems, Inc. The application has been assigned to **SANDVIK MINING AND CONSTRUCTION OY**

2019335037 Artisan Vehicle Systems, Inc. The application has been assigned to **SANDVIK MINING AND CONSTRUCTION OY**

2019336768 Artisan Vehicle Systems, Inc. The application has been assigned to **SANDVIK MINING AND CONSTRUCTION OY**

2019379234 Lactobio A/S The application has been assigned to **L'Oréal S.A.**

2019387174 Röhm GmbH The application has been assigned to **POLYVANTIS GmbH**

2020

2020253547 Artisan Vehicle Systems, Inc. The application has been assigned to **SANDVIK MINING AND CONSTRUCTION OY**

2020274150 eGenesis, Inc.; Hangzhou Qihan Biotechnology Co., Ltd. The application has been assigned to **eGenesis, Inc.**

2020279533 Lactobio A/S The application has been assigned to **L'Oréal S.A.**

2020286440 Artisan Vehicle Systems, Inc. The application has been assigned to **SANDVIK MINING AND CONSTRUCTION OY**

2020287625 Artisan Vehicle Systems, Inc. The application has been assigned to **SANDVIK MINING AND CONSTRUCTION OY**

Assignments before Grant, Section 113

2020291622 Lactobio A/S The application has been assigned to **L'Oréal S.A.**

2020328033 Boost Biomes, Inc. The application has been assigned to **Nihon Nohyaku Co., Ltd**

2020331293 Boost Biomes, Inc. The application has been assigned to **Nihon Nohyaku Co., Ltd**

2020398917 CommScope Technologies LLC The application has been assigned to **Outdoor Wireless Networks LLC**

2021

2021222958 Röhm GmbH The application has been assigned to **POLYVANTIS GmbH**

2021224981 Röhm GmbH The application has been assigned to **POLYVANTIS GmbH**

2021299904 Wageningen Universiteit The application has been assigned to **Advanced Microbiome Interventions B.V.**

2021299972 Lactobio A/S The application has been assigned to **L'Oréal S.A.**

2021350122 ARTISAN VEHICLE SYSTEMS, INC. The application has been assigned to **SANDVIK MINING AND CONSTRUCTION OY**

2021350840 ARTISAN VEHICLE SYSTEMS, INC. The application has been assigned to **SANDVIK MINING AND CONSTRUCTION OY**

2021375485 LACTOBIO A/S The application has been assigned to **L'Oréal S.A.**

2021416723 LACTOBIO A/S The application has been assigned to **L'Oréal S.A.**

2021417032 LACTOBIO A/S The application has been assigned to **L'Oréal S.A.**

2022

2022333261 LACTOBIO A/S The application has been assigned to **L'Oréal S.A.**

2022371736 CONTEMPORARY AMPEREX TECHNOLOGY CO., LIMITED The application has been assigned to **CONTEMPORARY AMPEREX TECHNOLOGY (HONG KONG) LIMITED**

2022383965 CONTEMPORARY AMPEREX TECHNOLOGY CO., LIMITED The application has been assigned to **CONTEMPORARY AMPEREX TECHNOLOGY (HONG KONG) LIMITED**

2022413830 NANOTECH SECURITY CORP. The application has been assigned to **AUTHENTIX, INC.**

2024

2024201252 Noble Drilling A/S The application has been assigned to **WattsUp Power A/S**

Assignments before Grant, Section 113

2024902027 **Parklink Limited**; Senior, Regan; Robertson, Nathan
The application has been assigned to **Parklink Limited**

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.

2015

2015200374 **MARSHALL, P.** An application to extend the time from 28 Jan 2024 to 28 Aug 2024 in which to pay a renewal fee has been filed . Address for service - PERRY CARNE MARSHALL 15 MURCHISON ST. WHITFIELD QLD 4870 AU

2022

2022200416 **Hahn-Schickard-Gesellschaft für angewandte Forschung e.V.; GS Elektromedizinische Geräte G. Stemple GmbH** An application to extend the time from 07 Jan 2024 to 07 Aug 2024 in which to pay a renewal fee has been filed . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2022343400 **PERFORMANCE PLANTS INC.** An application to extend the time from 15 Feb 2024 to 15 Jun 2024 in which to enter the National Phase has been filed . Address for service - RnB IP Pty Ltd PO Box 9530 DEAKIN ACT 2600 AU

Applications Allowed - Section 223(2)

2009

2009295253 **Gyder Surgical Pty Ltd** The time in which to pay a renewal fee has been extended to 15 Jun 2024 . Address for service - Gilbert + Tobin Lawyers Level 35, Tower Two, International Towers Sydney 200 Barangaroo Avenue Barangaroo NSW 2001 AU

2010

2010301199 **Gallagher Group Limited** The time in which to pay a renewal fee has been extended to 04 Jun 2024 . Address for service - James & Wells Intellectual Property GPO Box 1301 CANBERRA ACT 2601 AU

2015

2015221444 **Ticbar Pty Ltd** The time in which to pay a renewal fee has been extended to 31 Mar 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2019

2019273038 **Ortho Solutions Inc.** The time in which to pay a continuation fee has been extended to 28 Mar 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2019310122 **With Great Power, LLC** The time in which to request examination has been extended to 02 Dec 2023 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2019357982 **WM & DG, Inc.** The time in which to pay a continuation fee has been extended to 08 May 2024 . Address for service - FPA Patent

Extensions of Time, Section 223

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

2019378732 **APTARION BIOTECH AG** The time in which to pay a continuation fee has been extended to 12 Jun 2024 . Address for service - Pizzey's Patent and Trade Mark Attorneys Pty Ltd Brisbane Club Tower L 15 241 Adelaide St Brisbane City QLD 4000 AU

2020

2020288407 **Biocon Biologics Limited** The time in which to request examination has been extended to 13 Jun 2024 . Address for service - AJ Pietras IP Limited Level 1, 29 Kings Crescent Lower Hutt Wellington 5010 NZ

2020334357 **Lee, D.; Lee, R.** The time in which to request examination has been extended to 29 Aug 2024 . Address for service - KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD PO Box 128 Aspley QLD 4034 AU

2020345819 **North American Power Products, Inc.** The time in which to request examination has been extended to 12 Sep 2024 . Address for service - Armour IP Pty Ltd PO Box 3099 Broadway Nedlands WA 6009 AU

2021

2021221438 **Process Interface Design Pty Ltd** The time in which to gain acceptance has been extended to 23 Nov 2024 . Address for service - Process Interface Design Pty Ltd PO Box 589 Burnie TAS 7320 AU

2022

2022413830 **NANOTECH SECURITY CORP.** The time in which to enter the National Phase has been extended to 13 Aug 2024 . Address for service - Pizzey's Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2023

2023200048 **Lensar, Inc.** The time in which to pay a continuation fee has been extended to 12 Apr 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2023361986 **Steel, M.** The time in which to comply with a direction under Reg 3.2A has been extended to 30 Jul 2024 . Address for service - Radwan Saati 37 Sirius Way Kurunjang VIC 3337 AU

2024

2024200533 **Kerry Group Services International Limited** The time in which to request examination has been extended to 06 Jun 2024 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2024203696 **Kim, E.; kim, e.** The time in which to comply with a direction under Reg 3.2A has been extended to 06 Sep 2024 . Address for service - eun bee kim Australia Fair Post Shop 42 Marine Pde Southport QLD 4215 AU

Amendments

Applications for Amendment

A person interested in opposing the allowance of amendments under Section 104 may at any time within two months from the date of this

Amendments

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.

2018

2018424192 Systems and methods for detecting and reporting recording status **Axon Enterprise, Inc.** The nature of the amendment is as shown in the statement(s) filed 16 Aug 2024 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2019

2019227917 Microencapsulated products, clear solutions thereof, and methods of making **463IP partners, LLC** The nature of the amendment is as shown in the statement(s) filed 20 Aug 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2020

2020220135 Use of cannabinoids in the treatment of epilepsy **GW Research Limited** The nature of the amendment is as shown in the statement(s) filed 05 Jul 2024 . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

2020378596 Method and device for producing a carbonated beverage **Freezio AG** The nature of the amendment is as shown in the statement(s) filed 16 Jul 2024 . Address for service - Davies Collision Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2022

2022241582 Methods of treating uterine fibroids and endometriosis **Sumitomo Pharma Switzerland GmbH ; Takeda Pharmaceutical Company Limited** The nature of the amendment is as shown in the statement(s) filed 02 Aug 2024 . Address for service - FPA Patent Attorneys Pty Ltd Suite 2, Level 9 275 George Street Sydney NSW 2000 AU

Amendments Made

2018

2018266784 **Scholar Rock, Inc.** The nature of the amendment is as shown in the statement(s) filed 20 May 2024

2018318087 **The Regents of the University of California; Yara International ASA; Construction Research & Technology GmbH** The nature of the amendment is as shown in the statement(s) filed 25 Jul 2024

2019

2019274772 **Klaria Pharma Holding AB** The nature of the amendment is: Amend the name of the inventor to read BOYER, Scott; CAI, Shengzhen; HÜBINETTE, Fredrik and INGEMARSSON, Leif

2019292332 **Council of Scientific and Industrial Research** The nature of the amendment is as shown in the statement(s) filed 31 May 2024

Amendments

2020

2020355027 **Twist Bioscience Corporation** The nature of the amendment is: Amend the invention title to read Antibodies that bind CD3 Epsilon

2020391549 **WILUS INSTITUTE OF STANDARDS AND TECHNOLOGY INC.** The nature of the amendment is as shown in the statement(s) filed 22 May 2024

2021

2021252180 **Shaheen Innovations Holding Limited** The nature of the amendment is: Amend the name of the inventor to read MACHOVEC, Jeff; ALSHAIBA SALEH GHANNAM ALMAZROUEI, Mohammed and LAMOUREUX, Clement

2021285405 **Shaheen Innovations Holding Limited** The nature of the amendment is: Amend the name of the inventor to read MACHOVEC, Jeff; ALSHAIBA SALEH GHANNAM ALMAZROUEI, Mohammed and LAMOUREUX, Clement

2021285406 **Shaheen Innovations Holding Limited** The nature of the amendment is: Amend the name of the inventor to read MACHOVEC, Jeff; ALSHAIBA SALEH GHANNAM ALMAZROUEI, Mohammed and LAMOUREUX, Clement

2021304124 **HAI Robotics Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 23 May 2024

2021321833 **Kangstem Biotech Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 28 May 2024

2021423958 **ECO TECHNOLOGY CO., LTD.** The nature of the amendment is: Amend the invention title to read Rotary blade, rotating device, and power generation device

2022

2022204012 **Evolva SA** The nature of the amendment is as shown in the statement(s) filed 10 Jul 2024

2022223569 **SPECTRE MATERIALS SCIENCES, INC.** The nature of the amendment is as shown in the statement(s) filed 27 Apr 2024

2022442704 **HUAWEI TECHNOLOGIES CO., LTD.** The nature of the amendment is: Amend the invention title to read SPATIAL REUSE METHOD AND FIRST DEVICE

2022449770 **HOYA LENS THAILAND LTD.** The nature of the amendment is: Amend the invention title to read EYEGLASS LENS AND EYEGLASS LENS DESIGN METHOD

2023

2023201866 **Zhejiang Jinko Solar Co., Ltd.; Jinko Solar Co., Ltd.** The nature of the amendment is: Amend the name of the inventor to read Wang, Zhao; Yang, Jie; Zheng, Peiting; Chen, Jinjin and Fang, Lingxin

2023201899 **Systems IP Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 29 May 2024

Amendments

2023214969 **NIPPON STEEL CORPORATION** The nature of the amendment is: Amend the invention title to read Wound Core Producing Apparatus and Wound Core Producing Method

2023216067 **NIPPON STEEL CORPORATION** The nature of the amendment is: Amend the invention title to read Wound Core Producing Apparatus and Wound Core Producing Method

2023219962 **Whoop, Inc.** The nature of the amendment is: Amend the name of the inventor to read CAPODILUPO, Emily Rachel; JASINSKI, Summer Rose and HOLMES, Kristen Erika

2023220699 **KANAPH THERAPEUTICS INC.; KOREA RESEARCH INSTITUTE OF CHEMICAL TECHNOLOGY** The nature of the amendment is: Amend the invention title to read PHARMACEUTICAL COMPOSITION FOR TREATING CANCER COMPRISING NOVEL COMPOUNDS FOR INHIBITING PROSTAGLANDIN E2 RECEPTOR AND ANTICANCER DRUG

2023221847 **PTC THERAPEUTICS, INC.** The nature of the amendment is: Amend the name of the inventor to read ZHANG, Xiaoyan; ALAM, Raiful; BEJCEK, Lauren; GILBERT, Bradley B.; HOSSEYNI, Seyedmorteza; HUARTE, Eduardo; LI, Jing; LIU, Yao; NIEDERER, Kyle; PARKER, Erica N.; PILLAI, Meenu; RASTELLI, Ettore; SYDORENKO, Nadiya; ZHANG, Nanjing; ZHENG, Tianyi; WOLL, Matthew G. and -, Handoko

2023241697 **HOYA LENS THAILAND LTD.** The nature of the amendment is: Amend the invention title to read SPECTACLE LENS AND DESIGN METHOD OF SPECTACLE LENS

2023902637 **Dolman, P.** The nature of the amendment is: Application is to proceed under the number 2023428627

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

2009

2009201271 Whitehead Sistemi Subacquei S.p.A. The name of the patentee has been altered to **FINMECCANICA – SOCIETÀ PER AZIONI**

2010

2010202960 Mystery Ranch, Ltd. The name of the patentee has been altered to **Mystery Ranch, LLC**

2013

2013339881 Evolva SA; University of Copenhagen The name of the patentee has been altered to **Danstar Ferment AG; University of Copenhagen**

2015

2015201222 Mystery Ranch, Ltd. The name of the patentee has been altered to **Mystery Ranch, LLC**

2016

2016323425 Savage Medical, Inc. The name of the patentee has been altered to **Averto Medical, Inc.**

Amendments

2017

2017265117 Evolva SA; University of Copenhagen The name of the patentee has been altered to **University of Copenhagen; Danstar Ferment AG**

2018

2018313122 1. Envision Scientific Private Limited The name of the applicant has been altered to **Envision Scientific Private Limited**

2019

2019306628 Surface Oncology, Inc. The name of the applicant has been altered to **SURFACE ONCOLOGY, LLC**

2021

2021200030 Savage Medical, Inc. The name of the patentee has been altered to **Averto Medical, Inc.**

2021286307 Friedrich-Alexander-Universität Erlangen-Nürnberg ; Fraunhofer Gesellschaft zur Förderung der Angewandten Forschung e.V. The name of the patentee has been altered to **Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.**

2021286309 Fraunhofer Gesellschaft zur Förderung der Angewandten Forschung e.V.; Friedrich-Alexander-Universität Erlangen-Nürnberg The name of the patentee has been altered to **Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.**

2021323304 Shanghai Leadingtac Pharmaceutical Co., Ltd. The name of the applicant has been altered to **Leadingtac Pharmaceutical (Shaoxing) Co., Ltd.**

2022

2022202828 Savage Medical, Inc. The name of the patentee has been altered to **Averto Medical, Inc.**

2023

2023201462 Borg Manufacturing Pty Limited The name of the applicant has been altered to **Australian Panels Pty Limited**

2023204340 Shuyang County Shanshan Distillery The name of the applicant has been altered to **Shuyang County Sanshan Distillery**

2023257246 SAVAGE MEDICAL, INC. The name of the applicant has been altered to **Averto Medical, Inc.**

2024

2024204137 Savage Medical, Inc. The name of the applicant has been altered to **Averto Medical, Inc.**

2024204460 Borg Manufacturing Pty Limited The name of the applicant has been altered to **Australian Panels Pty Limited**

2024902534 McNicol, Terence; Felk, Vaughn The name of the applicant has been altered to **McNicol, T.; FELK, V.**

Applications Open to Public Inspection

Name Index

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

(71) 7-ELEVEN, INC.
 (11) AU-A-2024200905
 (21) 2024200905 (22) 13.02.2024
 (54) SYSTEM AND METHOD FOR DETERMINING PRODUCT COUNT INFORMATION USING MAGNETIC SENSORS
 (51) Int. Cl.
G06M 9/00 (2006.01)
A24F 15/00 (2020.01)
A47F 1/04 (2006.01)
G01B 7/15 (2006.01)
G06Q 10/087 (2023.01)
 (31) 18/171,606 (32) 20.02.23 (33) US
 (43) 05.09.2024
 (72) REDMOND, MATTHEW O'DANIEL
 (74) RnB IP Pty Ltd

(71) 7-ELEVEN, INC.
 (11) AU-A-2024200906
 (21) 2024200906 (22) 13.02.2024
 (54) SYSTEM AND METHOD FOR DETERMINING PRODUCT THEFT INFORMATION USING MAGNETIC SENSORS
 (51) Int. Cl.
G08B 13/22 (2006.01)
G06Q 10/08 (2023.01)
 (31) 18/171,624 (32) 20.02.23 (33) US
 (43) 05.09.2024
 (72) REDMOND, MATTHEW O'DANIEL;
 MIRZA, SHAHMEER ALI
 (74) RnB IP Pty Ltd

(71) 7-ELEVEN, INC.
 (11) AU-A-2024200907
 (21) 2024200907 (22) 13.02.2024
 (54) SYSTEM AND METHOD FOR ELECTRONICALLY ASSOCIATING AN ITEM TO A RACK THAT STORES THE ITEM
 (51) Int. Cl.
G06K 19/00 (2006.01)
 (31) 18/170,727 (32) 17.02.23 (33) US
 (43) 05.09.2024
 (72) REDMOND, MATTHEW O'DANIEL;
 MIRZA, SHAHMEER ALI
 (74) RnB IP Pty Ltd

(71) 7-ELEVEN, INC.
 (11) AU-A-2024200908
 (21) 2024200908 (22) 13.02.2024
 (54) SYSTEM AND METHOD FOR ELECTRONICALLY CHECKING PLANOGRAM CONFORMANCE OF AN ITEM
 (51) Int. Cl.
G06K 7/00 (2006.01)
G06F 3/0481 (2022.01)
G06Q 10/08 (2023.01)
 (31) 18/170,745 (32) 17.02.23 (33) US

(43) 05.09.2024
 (72) REDMOND, MATTHEW O'DANIEL;
 MIRZA, SHAHMEER ALI
 (74) RnB IP Pty Ltd

(71) 7-ELEVEN, INC.
 (11) AU-A-2024200919
 (21) 2024200919 (22) 13.02.2024
 (54) SYSTEM AND METHOD FOR ELECTRONICALLY DETERMINING CORRECT PRODUCT PLACEMENT OF ITEMS
 (51) Int. Cl.
G06K 19/00 (2006.01)
 (31) 18/170,772 (32) 17.02.23 (33) US
 (43) 05.09.2024
 (72) REDMOND, MATTHEW O'DANIEL;
 MIRZA, SHAHMEER ALI
 (74) RnB IP Pty Ltd

(71) 7-ELEVEN, INC.
 (11) AU-A-2024200920
 (21) 2024200920 (22) 13.02.2024
 (54) SYSTEM AND METHOD FOR DETERMINING AN ITEM COUNT IN A RACK USING MAGNETIC SENSORS
 (51) Int. Cl.
G01R 31/01 (2020.01)
 (31) 18/171,629 (32) 20.02.23 (33) US
 (43) 05.09.2024
 (72) REDMOND, MATTHEW O'DANIEL;
 MIRZA, SHAHMEER ALI
 (74) RnB IP Pty Ltd

(71) Abbott Diabetes Care Inc.
 (11) AU-A-2024205796
 (21) 2024205796 (22) 15.08.2024
 (54) Analyte sensors and sensing methods featuring low-potential detection
 (51) Int. Cl.
G01N 27/327 (2006.01)
A61B 5/145 (2006.01)
G01N 33/66 (2006.01)
 (43) 05.09.2024
 (62) 2020414719
 (72) LATOUR, John V.; MCCANLESS,
 Jonathan D.; OJA, Stephen; OUYANG,
 Tianmei; WALLIS, Kevin Paul; FELDMAN,
 Benjamin J.; HOSS, Udo; QIAN,
 Suyue
 (74) FPA Patent Attorneys Pty Ltd

(71) Adgero UK Ltd
 (11) AU-A-2024201026
 (21) 2024201026 (22) 16.02.2024
 (54) HYBRIDIZATION DEVICE INTEGRATED INTO A VEHICLE
 (51) Int. Cl.
B60W 20/40 (2016.01)
B60L 7/10 (2006.01)

B60W 20/14 (2016.01)
B60W 20/16 (2016.01)
B60W 20/20 (2016.01)
 (31) 2301588 (32) 21.02.23 (33) FR
 (43) 05.09.2024
 (72) MURRAY, Mack; ANNAMALAI, Lee;
 RAMSINGH, Kamal
 (74) Halfords IP

(71) Adobe Inc.
 (11) AU-A-2023285707
 (21) 2023285707 (22) 18.12.2023
 (54) SUPER-RESOLUTION ON TEXT-TO-IMAGE SYNTHESIS WITH GANS
 (51) Int. Cl.
G06V 10/86 (2022.01)
G06T 11/00 (2006.01)
G06V 10/424 (2022.01)
G06V 10/46 (2022.01)
G06V 10/764 (2022.01)
G06V 10/82 (2022.01)
G06V 10/94 (2022.01)
G06V 20/60 (2022.01)
 (31) 18/171,046 (32) 17.02.23 (33) US
 (43) 05.09.2024
 (72) Park, Taesung; Paris, Sylvain; Zhang,
 Richard; Kang, Minguk; Shechtman,
 Elya
 (74) RnB IP Pty Ltd

(71) Agios Pharmaceuticals, Inc.
 (11) AU-A-2024205818
 (21) 2024205818 (22) 16.08.2024
 (54) Pyruvate kinase activators for use in treating blood disorders
 (51) Int. Cl.
C07D 513/14 (2006.01)
A61K 31/5025 (2006.01)
A61P 3/10 (2006.01)
A61P 7/06 (2006.01)
A61P 7/08 (2006.01)
A61P 35/00 (2006.01)
 (43) 05.09.2024
 (62) 2023202772
 (72) CIANCHETTA, Giovanni; LIU, Tao;
 PADYANA, Anil; SUI, Zhihua; CAI,
 Zhenwei; CUI, Dawei; JI, Jingjing
 (74) Spruson & Ferguson

(71) AHS Hospital Corp.; TScan Therapeutics, Inc.
 (11) AU-A-2024205749
 (21) 2024205749 (22) 14.08.2024
 (54) SARS-CoV-2 immunodominant peptide constructs and uses thereof
 (51) Int. Cl.
C07K 14/165 (2006.01)
A61K 39/215 (2006.01)

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 (62) 2022204350
 (72) KULA, Tomasz; MACBEATH, Gavin; FERRETTI, Andrew P.
 (74) RnB IP Pty Ltd
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- (71) Air Products and Chemicals, Inc.
 (11) AU-A-2024201046
 (21) 2024201046 (22) 19.02.2024
 (54) APPARATUS AND PROCESS FOR ABSORPTION CHILLER UTILIZATION FOR ENVIRONMENTALLY FRIENDLY HYDROGEN PRODUCTION
 (51) Int. Cl.
F25B 27/02 (2006.01)
C01B 3/02 (2006.01)
F25B 15/00 (2006.01)
 (31) 18/111,932 (32) 21.02.23 (33) US
 (43) 05.09.2024
 (72) Krishnamurthy, Gowri; Dobek, Frank J.; Wilson, Graeme Richard; Chen, Fei; Morgenstern, Michael T.
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) Angel Group Co., Ltd.
 (11) AU-A-2024208793
 (21) 2024208793 (22) 19.08.2024
 (54) Game token tray, table game management system, game token tray system, and game token management method
 (51) Int. Cl.
A63F 9/00 (2006.01)
A63F 11/00 (2006.01)
G06K 7/10 (2006.01)
G06K 7/12 (2006.01)
G06K 7/14 (2006.01)
G06K 19/00 (2006.01)
G06K 19/04 (2006.01)
G06K 19/06 (2006.01)
G06K 19/07 (2006.01)
G06Q 50/10 (2012.01)
G07D 9/00 (2006.01)
 (43) 05.09.2024
 (62) 2022221379
 (72) SHIGETA, Yasushi
 (74) FB Rice Pty Ltd
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- (71) Angel Group Co., Ltd.
 (11) AU-A-2024208802
 (21) 2024208802 (22) 19.08.2024
 (54) Game management system
 (51) Int. Cl.
A63F 1/18 (2006.01)
A63F 9/24 (2006.01)
 (43) 05.09.2024
 (62) 2022224728
 (72) Shigeta, Yasushi
 (74) Davies Collison Cave Pty Ltd
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- (71) Apple Inc.
 (11) AU-A-2024205797
 (21) 2024205797 (22) 15.08.2024
 (54) Wearable computer with fitness machine connectivity for improved activity monitoring using caloric expenditure models

- (51) Int. Cl.
G16H 20/30 (2018.01)
 (43) 05.09.2024
 (62) 2022263609
 (72) RAO, Bharath Narasimha; STRASSER, Jennifer; SRINIVAS, Umamahesh; SHERIDAN, Kevin; OCHS, James; MAJJIGI, Vinay R.; RAGHURAM, Karthik Jayaraman; HUMBLET, Olivier; BLAHNIK, Jay
 (74) FPA Patent Attorneys Pty Ltd
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- (71) Aqua Yield Operations, Inc.
 (11) AU-A-2024200647
 (21) 2024200647 (22) 02.02.2024
 (54) Incorporation of nanoparticles with granular fertilizers
 (51) Int. Cl.
C05G 3/40 (2020.01)
C05G 5/12 (2020.01)
 (31) 18/171,996 (32) 21.02.23 (33) US
 (43) 05.09.2024
 (72) OLSEN, Garrett; SLAVENS, Mark
 (74) Spruson & Ferguson
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- (71) Aristocrat Technologies, Inc.
 (11) AU-A-2024200161
 (21) 2024200161 (22) 10.01.2024
 (54) AUTOMATED GROUPING SYSTEM AND METHOD FOR A MERGE AND MATCH GAME MECHANIC
 (51) Int. Cl.
A63F 13/52 (2014.01)
A63F 3/02 (2006.01)
A63F 3/04 (2006.01)
A63F 9/24 (2006.01)
A63F 13/50 (2014.01)
 (31) 18/337,386 (32) 19.06.23 (33) US
 63/486,428 22.02.23 US
 (43) 05.09.2024
 (72) Williams, Zoe; Drake, Colin; Ostashewski, Michael; Smith, David; Moteji, Suguru
 (74) James & Wells Intellectual Property
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- (71) Aristocrat Technologies Australia Pty Limited
 (11) AU-A-2024205770
 (21) 2024205770 (22) 14.08.2024
 (54) A GAMING SYSTEM AND METHOD OF GAMING
 (51) Int. Cl.
G07F 17/32 (2006.01)
 (43) 05.09.2024
 (62) 2022203771
 (72) SHAI-HEE, Michael Allan
 (74) Griffith Hack
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- (71) Aristocrat Technologies Australia Pty Limited
 (11) AU-A-2024205771
 (21) 2024205771 (22) 14.08.2024
 (54) A METHOD OF GAMING, A GAME CONTROLLER, AND A GAMING SYSTEM
 (51) Int. Cl.
G07F 17/32 (2006.01)

- (43) 05.09.2024
 (62) 2022204033
 (72) HWAN JOUNG, SEK
 (74) Griffith Hack
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- (71) Asahi Group Foods, Ltd.; Asahi Group Holdings, Ltd.
 (11) AU-A-2024208807
 (21) 2024208807 (22) 19.08.2024
 (54) Yeast cell wall-derived decomposition-containing composition, production method therefor, and usage therefor
 (51) Int. Cl.
C12P 1/00 (2006.01)
A23K 10/14 (2016.01)
A23K 10/16 (2016.01)
A23K 10/38 (2016.01)
A23K 20/121 (2016.01)
A23K 20/137 (2016.01)
A23K 20/142 (2016.01)
A23K 20/158 (2016.01)
A23K 20/163 (2016.01)
A23K 50/40 (2016.01)
A23L 5/40 (2016.01)
A23L 27/00 (2016.01)
A23L 27/10 (2016.01)
A23L 27/20 (2016.01)
C12N 1/16 (2006.01)
 (43) 05.09.2024
 (62) 2020345386
 (72) OTSUSHI, Noboru
 (74) Spruson & Ferguson
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- Asahi Group Holdings, Ltd. see Asahi Group Foods, Ltd.**
 (21) 2024208807
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- (71) Atriva Therapeutics GmbH
 (11) AU-A-2024205853
 (21) 2024205853 (22) 16.08.2024
 (54) Novel MEK-inhibitor for the treatment of viral and bacterial infections
 (51) Int. Cl.
A61K 31/196 (2006.01)
A61K 31/7012 (2006.01)
A61P 31/00 (2006.01)
A61P 31/04 (2006.01)
A61P 31/16 (2006.01)
 (43) 05.09.2024
 (62) 2018351475
 (72) LUDWIG, Stephan; PLANZ, Oliver
 (74) Spruson & Ferguson
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- (71) Avent, Inc.
 (11) AU-A-2024205779
 (21) 2024205779 (22) 15.08.2024
 (54) SYSTEM AND METHOD FOR AN IMPROVED GRAPHICAL USER INTERFACE THAT PROVIDES INDEPENDENT CONTROL OF MULTIPLE RADIOFREQUENCY PROBES DURING AN ABLATION PROCEDURE
 (51) Int. Cl.
A61B 18/12 (2006.01)
A61B 18/14 (2006.01)
A61B 34/00 (2016.01)
G06F 3/0488 (2022.01)

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 (62) 2020279046
 (72) CESA, Joseph A.; MCGREGOR, Lisa M.; BARRETT, Jennifer J.; CRONE, Tyler W.; RHEIN, Lee W.; THURROTT, Christopher W.; RUDOLPH, Morgan; WOODRUFF, Scott
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
-
- (71) Axsome Therapeutics, Inc.
 (11) AU-A-2024205858
 (21) 2024205858 (22) 17.08.2024
 (54) DOSAGE FORMS AND METHODS FOR ENANTIOMERICALLY ENRICHED OR PURE BUPROPION
 (51) Int. Cl.
A61K 31/137 (2006.01)
A61K 31/485 (2006.01)
A61P 25/00 (2006.01)
A61P 25/18 (2006.01)
A61P 25/24 (2006.01)
A61P 25/28 (2006.01)
A61P 25/30 (2006.01)
 (43) 05.09.2024
 (62) 2022204521
 (72) TABUTEAU, Herriot
 (74) Blue Penguin IP Ltd
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- (71) AXSOME THERAPEUTICS, INC.
 (11) AU-A-2024205772
 (21) 2024205772 (22) 14.08.2024
 (54) Pharmaceutical compositions comprising meloxicam
 (51) Int. Cl.
A61K 31/4045 (2006.01)
A61K 31/5415 (2006.01)
A61K 47/02 (2006.01)
A61P 29/00 (2006.01)
 (43) 05.09.2024
 (62) 2022200590
 (72) Tabuteau, Herriot
 (74) RnB IP
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- (71) Beijing Baidu Netcom Science Technology Co., Ltd.
 (11) AU-A-2023274250
 (21) 2023274250 (22) 05.12.2023
 (54) Method and apparatus for processing quantum computing task, device, and storage medium
 (51) Int. Cl.
G06N 10/80 (2022.01)
 (31) 202310188834.9 (32) 21.02.23 (33) CN
 (43) 05.09.2024
 (72) MENG, Zelin; GUO, Xueyi; YAN, Zixian
 (74) FB Rice Pty Ltd
-
- (71) BEIJING EACON TECHNOLOGY CO., LTD.
 (11) AU-A-2023263491
 (21) 2023263491 (22) 24.02.2023
 (54) METHOD AND APPARATUS FOR CONTROLLING DRIVERLESS VEHICLE, ELECTRONIC DEVICE, STORAGE MEDIUM AND COMPUTER PROGRAM PRODUCT
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- (51) Int. Cl.
B60W 30/14 (2006.01)
B60W 50/00 (2006.01)
B60W 60/00 (2020.01)
G05D 1/02 (2020.01)
 (31) 202310145528.7 (32) 22.02.23 (33) CN
 (43) 05.09.2024
 (72) ZHOU, Liyan; HUANG, Jiayong
 (74) Wynnes Patent and Trade Mark Attorneys Pty Ltd
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- Berg, K. see Berstad, M.
 (21) 2024211003
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- (71) Berstad, M.; Berg, K.; Engebråten, O.; Weyergang, A.
 (11) AU-A-2024211003
 (21) 2024211003 (22) 20.08.2024
 (54) DIAGNOSIS AND TREATMENT OF CANCER
 (51) Int. Cl.
G01N 33/574 (2006.01)
A61K 39/395 (2006.01)
 (43) 05.09.2024
 (62) 2018287514
 (72) WEYERGANG, Anette; BERSTAD, Maria Eb; BERG, Kristian; ENGEBRATEN, Olav
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) Beyond 700 Pty Ltd
 (11) AU-A-2024205847
 (21) 2024205847 (22) 16.08.2024
 (54) METHODS BASED ON TEAR FILM BEHAVIOUR
 (51) Int. Cl.
A61B 3/10 (2006.01)
A61B 3/14 (2006.01)
 (43) 05.09.2024
 (62) 2017442332
 (72) MILLAR, Thomas James; SCHUETT, Burkhardt Siegfried
 (74) S&A Law
-
- (71) Beyonda Pty Ltd
 (11) AU-A-2024201305
 (21) 2024201305 (22) 27.02.2024
 (54) Collapsible trolley
 (51) Int. Cl.
B62B 3/02 (2006.01)
B62B 3/00 (2006.01)
B62B 5/06 (2006.01)
 (31) 2023900462 (32) 22.02.23 (33) AU
 (43) 05.09.2024
 (72) JORDAN, Eliza; JORDAN, Tom; DUNN, Mitchell
 (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD
-
- (71) BLANCO GmbH + Co KG
 (11) AU-A-2024201044
 (21) 2024201044 (22) 16.02.2024
 (54) Device For Providing Prepared Fluid As Well As Sanitary Fittings
 (51) Int. Cl.
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- B67D 1/08* (2006.01)
A47J 31/44 (2006.01)
A47J 31/46 (2006.01)
B01F 23/236 (2022.01)
C02F 1/68 (2023.01)
 (31) 10 2023 201 390.8 (32) 17.02.23 (33) DE
 (43) 05.09.2024
 (72) ZÖLLNER, Thomas; SCHMIDT, Kay
 (74) WRAYS PTY LTD
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- (71) Boldan Oy
 (11) AU-A-2024200900
 (21) 2024200900 (22) 13.02.2024
 (54) A guide for guiding an inflatable bladder within a pipeline and a bladder assembly
 (51) Int. Cl.
F16L 55/1645 (2006.01)
F16L 55/16 (2006.01)
 (31) 23156975.7 (32) 16.02.23 (33) EP
 (43) 05.09.2024
 (72) Tukiainen, Joni
 (74) IP SOLVED (ANZ) PTY. LTD.
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- (71) CarryGenes Bioengineering
 (11) AU-A-2024206914
 (21) 2024206914 (22) 19.08.2024
 (54) Methods for creating synthetic chromosomes expressing biosynthetic pathways and uses thereof
 (51) Int. Cl.
A61K 48/00 (2006.01)
C12N 1/19 (2006.01)
C12N 5/10 (2006.01)
C12N 15/09 (2006.01)
C12N 15/81 (2006.01)
C12N 15/85 (2006.01)
 (43) 05.09.2024
 (62) 2017249321
 (72) PERKINS, Edward; GREENE, Amy
 (74) FB Rice Pty Ltd
-
- (71) CFPH, LLC
 (11) AU-A-2024205866
 (21) 2024205866 (22) 19.08.2024
 (54) AGGREGATE GAMING FUNDS
 (51) Int. Cl.
G06Q 40/00 (2023.01)
 (43) 05.09.2024
 (62) 2022275428
 (72) Amaitis, Lee; Loveless, Jacob; Williams, Paul; Singleton, Quinton
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) Chase, W.
 (11) AU-A-2023210564
 (21) 2023210564 (22) 01.08.2023
 (54) Bleeding control device
 (51) Int. Cl.
A61B 17/135 (2006.01)
A61F 13/36 (2006.01)
A61F 15/00 (2006.01)
 (31) 18/170,112 (32) 16.02.23 (33) US
 (43) 05.09.2024
 (72) Chase, William
 (74) Davies Collison Cave Pty Ltd

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(71) Cherry Constructions Pty. Ltd.
 (11) AU-A-2024208812
 (21) 2024208812 (22) 19.08.2024
 (54) MODULE FOR TRUSS WEB AND TRUSS ASSEMBLY
 (51) Int. Cl.
E04C 3/02 (2006.01)
 (43) 05.09.2024
 (62) 2022202523
 (72) Morgan, Terry George
 (74) Sandercock & Cowie

(71) CleanSpace IP Pty Ltd
 (11) AU-A-2024213116
 (21) 2024213116 (22) 21.08.2024
 (54) Portable personal respirator and use thereof
 (51) Int. Cl.
A62B 18/02 (2006.01)
A62B 7/10 (2006.01)
A62B 9/00 (2006.01)
A62B 27/00 (2006.01)
 (43) 05.09.2024
 (62) 2018340666
 (72) VIRR, Alexander; KAO, Dan; SNOW, John Michael; JOHNSON, Damian Charles; ORAPINPATIPAT, Chayut; RATH-MAY, Millen James
 (74) IP SOLVED (ANZ) PTY. LTD.

(71) CNBM RESEARCH INSTITUTE FOR ADVANCED GLASS MATERIALS GROUP CO., LTD.; TRIUMPH SCIENCE & TECHNOLOGY GROUP CO., LTD.
 (11) AU-A-2023387749
 (21) 2023387749 (22) 21.02.2023
 (54) THIN-FILM PHOTOVOLTAIC MODULE WITH SILVER SULFIDE COATING AND PREPARATION METHOD THEREOF
 (51) Int. Cl.
H01L 31/0749 (2012.01)
H01L 31/032 (2006.01)
H01L 31/0392 (2006.01)
H01L 31/0445 (2014.01)
 (43) 05.09.2024
 (72) KALIO, Rene; KOERBL, Michael
 (74) Madderns Pty Ltd

(71) CNC Components Pty Ltd
 (11) AU-A-2024205799
 (21) 2024205799 (22) 15.08.2024
 (54) STEERING TRANSFER ASSEMBLY
 (51) Int. Cl.
B62D 1/22 (2006.01)
B62D 1/20 (2006.01)
 (43) 05.09.2024
 (72) Young, Thomas; Irving, Michael
 (74) Michael Buck IP

Commonwealth Scientific and Industrial Research Organisation see Two Blades Foundation
 (21) 2024205703

(71) CUTSFORTH, INC.
 (11) AU-A-2024208801
 (21) 2024208801 (22) 19.08.2024
 (54) Brush holder assembly
 (51) Int. Cl.
H01R 39/42 (2006.01)
H01R 39/415 (2006.01)
H01R 43/14 (2006.01)
H01R 39/58 (2006.01)
 (43) 05.09.2024
 (62) 2021374593
 (72) CUTSFORTH, Robert S.
 (74) Griffith Hack

(71) Dana-Farber Cancer Institute, Inc.
 (11) AU-A-2024205851
 (21) 2024205851 (22) 16.08.2024
 (54) XBP1, CD138, and CS1 peptides, pharmaceutical compositions that include the peptides, and methods of using such peptides and compositions
 (51) Int. Cl.
A61K 38/17 (2006.01)
A61K 39/00 (2006.01)
A61P 35/00 (2006.01)
A61P 35/02 (2006.01)
 (43) 05.09.2024
 (62) 2021201265
 (72) BAE, Joeeun; MUNSHI, Nikhil; ANDERSON, Kenneth
 (74) Spruson & Ferguson

(71) Danstar Ferment AG
 (11) AU-A-2024208814
 (21) 2024208814 (22) 20.08.2024
 (54) Production of steviol glycosides in recombinant hosts
 (51) Int. Cl.
C12N 9/10 (2006.01)
C12N 1/18 (2006.01)
C12P 15/00 (2006.01)
C12P 19/56 (2006.01)
 (43) 05.09.2024
 (62) 2022205176
 (72) OLSSON, Kim; SIMON, Ernesto; DALGAARD MIKKELSEN, Michael; CARLSEN, Simon; DOUCHIN, Veronique; LIM, Swee Chuang; DURING, Louis
 (74) FPA Patent Attorneys Pty Ltd

(71) Deere & Company
 (11) AU-A-2024200205
 (21) 2024200205 (22) 12.01.2024
 (54) Skid steer loader power boost
 (51) Int. Cl.
E02F 3/34 (2006.01)
E02F 3/342 (2006.01)
E02F 9/20 (2006.01)
 (31) 18/170,081 (32) 16.02.23 (33) US
 (43) 05.09.2024
 (72) Henn, Grant R.; Elgin, Michael R.; Graham, Brett S.; Heine, Karl G.; Bennett, Jason
 (74) Davies Collison Cave Pty Ltd

(71) Deere & Company
 (11) AU-A-2024200290
 (21) 2024200290 (22) 17.01.2024
 (54) Agricultural equipment with acoustic/vibration sensor and signal processing system
 (51) Int. Cl.
A01C 7/06 (2006.01)
A01C 7/08 (2006.01)
A01C 7/20 (2006.01)
G01F 1/05 (2006.01)
G01F 1/66 (2022.01)
G01F 3/00 (2006.01)
G01V 9/00 (2006.01)
G06Q 50/02 (2012.01)
 (31) 18/171555 (32) 20.02.23 (33) US
 (43) 05.09.2024
 (72) RAINS, Gerald Eric; McCartney, Scott C.; HUBNER, Cary S.; Lichtenwalner, Jr., Houstin Lee; Ferren, Bran
 (74) Davies Collison Cave Pty Ltd

(71) Deere & Company
 (11) AU-A-2024200292
 (21) 2024200292 (22) 17.01.2024
 (54) Agricultural equipment with acoustic/vibration sensor and signal processing system
 (51) Int. Cl.
A01C 7/20 (2006.01)
A01C 7/08 (2006.01)
G01H 1/00 (2006.01)
G01V 9/00 (2006.01)
G06N 20/00 (2019.01)
 (31) 18/171562 (32) 20.02.23 (33) US
 (43) 05.09.2024
 (72) RAINS, Gerald Eric; McCartney, Scott C.; HUBNER, Cary S.; Lichtenwalner, Jr., Houstin Lee; Ferren, Bran
 (74) Davies Collison Cave Pty Ltd

(71) Deere & Company
 (11) AU-A-2024200294
 (21) 2024200294 (22) 17.01.2024
 (54) Automatically detecting or estimating material delivery delays and machine control
 (51) Int. Cl.
A01C 7/08 (2006.01)
A01C 7/20 (2006.01)
G05B 13/02 (2006.01)
 (31) 18/171770 (32) 21.02.23 (33) US
 (43) 05.09.2024
 (72) KALE, MANDAR MHALSAKANT; GRAHAM, William D.; JOSHI, Omkar P.; Nerellakunta, Venkata Nagendra Pavan Kumar
 (74) Davies Collison Cave Pty Ltd

(71) Designerex Group Pty Ltd
 (11) AU-A-2024213111
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 (54) AN IMPROVED DESIGNER CLOTHING DISTRIBUTION SYSTEM
 (51) Int. Cl.
G06Q 30/08 (2012.01)
G06Q 30/06 (2023.01)

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 (72) Koulis, Costa; Kore, Kirsten
 (74) Alder IP Pty Ltd

(71) Disney Enterprises, Inc.; ETH Zürich
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 (11) AU-A-2024201102
 (21) 2024201102 (22) 20.02.2024
 (54) Reducing domain shift in neural motion controllers
 (51) Int. Cl.
G06N 3/02 (2006.01)
A63F 13/428 (2014.01)
G06N 20/00 (2019.01)
G06T 13/40 (2011.01)
G06T 19/00 (2011.01)
 (31) 18/172239 (32) 21.02.23 (33) US
 (43) 05.09.2024

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 BORER, Dominik Tobias; BUHMANN,
 Jakob Joachim; RYFFEL, Mattia Gust-
 avo Bruno Paolo; SUMNER, Robert
 Walker
 (74) FPA Patent Attorneys Pty Ltd

(71) Duracell U.S. Operations, Inc.
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 (21) 2024208806 (22) 19.08.2024
 (54) BATTERY WITH SAFETY MECHAN-
 ISM
 (51) Int. Cl.
H01M 50/548 (2021.01)
H01M 50/109 (2021.01)
H01M 50/574 (2021.01)
 (43) 05.09.2024
 (62) 2018366222
 (72) Bae, In Tae
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Eaton Intelligent Power Limited
 (11) AU-A-2024200843
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 (54) Diagnostic tool for an electrical system
 (51) Int. Cl.
G01R 19/25 (2006.01)
G01R 13/02 (2006.01)
G01R 31/40 (2020.01)
G05F 1/10 (2006.01)
H02J 13/00 (2006.01)
 (31) 63/446,466 (32) 17.02.23 (33) US
 (43) 05.09.2024
 (72) DALEY, Daniel Joseph
 (74) PHILLIPS ORMONDE FITZPATRICK

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 (11) AU-A-2024205204
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 (54) Synthetic guide molecules, composi-
 tions and methods relating thereto
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C12N 15/113 (2010.01)
C07H 21/02 (2006.01)

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 (72) Heil, Jim; King, Stephanie; Saccomano,
 Sam; Capehart, Stacy; Fernandez,
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 (74) Davies Collison Cave Pty Ltd

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 (21) 2024201043 (22) 16.02.2024
 (54) Improvements in Connections Between
 Spouting and a Downpipe
 (51) Int. Cl.
E04D 13/064 (2006.01)
 (31) 797314 (32) 16.02.23 (33) NZ
 (43) 05.09.2024
 (72) Watson, Roy McKay
 (74) Donald Rivers Ensor

(71) eggXYt Ltd
 (11) AU-A-2024204892
 (21) 2024204892 (22) 16.07.2024
 (54) METHODS FOR GENDER DETERM-
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 UNHATCHED EGGS AND MEANS
 THEREOF
 (51) Int. Cl.
A01K 67/027 (2006.01)
C12N 9/02 (2006.01)
C12N 15/10 (2006.01)
C12N 15/90 (2006.01)
 (43) 05.09.2024
 (62) 2018274769
 (72) Offen, Daniel
 (74) Collison & Co

(71) Eli Lilly and Company
 (11) AU-A-2024205812
 (21) 2024205812 (22) 16.08.2024
 (54) Process for preparing a GIP/GLP1 dual
 agonist
 (51) Int. Cl.
C07K 14/605 (2006.01)
 (43) 05.09.2024
 (62) 2024201004
 (72) COFFIN, Stephanie Ruth; FREDER-
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(71) Elson, P.
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 (21) 2024205834 (22) 16.08.2024
 (54) Retaining wall
 (51) Int. Cl.
E02D 29/02 (2006.01)
 (43) 05.09.2024
 (62) 2022203831
 (72) Elson, Paul
 (74) Wrays Pty Ltd

Engebråten, O. see Berstad, M.

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(71) Entera Bio Ltd.
 (11) AU-A-2024211004
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 (54) Formulations for oral administration of
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 (51) Int. Cl.
A61K 38/29 (2006.01)
A61K 9/20 (2006.01)
A61K 31/195 (2006.01)
A61P 19/08 (2006.01)
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 Schwartz, Phillip M.; Galitzer, Hillel
 (74) Davies Collison Cave Pty Ltd

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 Hochschule Zürich) see Disney Enter-
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 (21) 2024201102

(71) Eyepoint Pharmaceuticals, Inc.
 (11) AU-A-2024205789
 (21) 2024205789 (22) 15.08.2024
 (54) Humanized monoclonal antibodies that
 target VE-PTP (HPTP-β)
 (51) Int. Cl.
C07K 16/24 (2006.01)
A61K 38/02 (2006.01)
A61K 39/395 (2006.01)
A61K 51/10 (2006.01)
C07K 16/28 (2006.01)
C07K 16/32 (2006.01)
C07K 16/46 (2006.01)
C12N 9/96 (2006.01)
C12N 15/13 (2006.01)
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 (62) 2017299581
 (72) Peters, Kevin; Flynn, Michael Allen
 (74) Pizzey Patent and Trade Mark Attor-
 neys Pty Ltd

(71) F. Hoffmann-La Roche AG; GEN-
 ENTECH, INC.
 (11) AU-A-2024205845
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 (54) Processes for the preparation of
 pyrimidinylcyclopentane compounds
 (51) Int. Cl.
C07D 239/70 (2006.01)
A61K 31/517 (2006.01)

(43) 05.09.2024
 (62) 2022275477
 (72) IDING, Hans; REENTS, Reinhard;
 SCALONE, Michelangelo; GOSSELIN,
 Francis
 (74) Griffith Hack

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 LIMITED
 (11) AU-A-2024208798
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 (51) Int. Cl.
A61M 16/16 (2006.01)
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 (62) 2021286331
 (72) LETTON, Andrew Martin
 (74) AJ PARK

(71) FOLLEA INTERNATIONAL
 (11) AU-A-2023229536
 (21) 2023229536 (22) 04.04.2023
 (54) Compositions and Methods for The Treatment Of Alopecia

(51) Int. Cl.
A61K 38/45 (2006.01)
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 (72) GOREN, Ofer A.
 (74) Spruson & Ferguson

(71) FU, L.
 (11) AU-A-2023201006
 (21) 2023201006 (22) 21.02.2023
 (54) CUTTABLE AND MAGNETICALLY-ADSORBABLE ANCHOR ROD ASSEMBLY

(51) Int. Cl.
E21D 21/00 (2006.01)
H01B 1/02 (2006.01)
H01B 7/28 (2006.01)
H01B 7/29 (2006.01)
H01B 1/06 (2006.01)

(43) 05.09.2024
 (72) FU, Likai
 (74) Remarkable IP

(71) FUJIFILM Corporation; FUJIFILM Medical Systems USA, Inc.

(11) AU-A-2024205829
 (21) 2024205829 (22) 16.08.2024
 (54) Medical care assistance device, and operation method and operation program therefor

(51) Int. Cl.
G16H 15/00 (2018.01)
G16H 30/40 (2018.01)

(43) 05.09.2024
 (62) 2022231758
 (72) SUGIHARA, Keiji; ISHIGAKI, Junichi; NENOKI, Yasuyo
 (74) Griffith Hack

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 (21) 2024205829

(71) GEA MECHANICAL EQUIPMENT ITALIA S.P.A.
 (11) AU-A-2023361982
 (21) 2023361982 (22) 24.03.2023

(54) AN ULTRASONIC MEASURING APPARATUS FOR INLINE MEASURING THE HOMOGENIZING DEGREE OF A FLUID PRODUCT IN A DISPERSING UNIT
 (51) Int. Cl.
G01F 1/66 (2022.01)
G01F 15/18 (2006.01)
G01N 29/02 (2006.01)

(31) 102023000003195 (32) 23.02.23 (33) IT
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 (72) MAGGI, Leonardo; TONELLI, Anna-chiara; BENASSI, Massimiliano
 (74) Michael Buck IP

(71) GE Aviation Systems LLC
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 (21) 2024205822 (22) 16.08.2024
 (54) EVAPORATIVE THERMAL MANAGEMENT SYSTEMS AND METHODS

(51) Int. Cl.
F25B 19/00 (2006.01)
F25D 1/02 (2006.01)
F25D 7/00 (2006.01)
H01M 10/613 (2014.01)
H05K 7/20 (2006.01)

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 (72) Lassinì, Stefano A.
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GENENTECH, INC. see F. Hoffmann-La Roche AG
 (21) 2024205845

(71) Genomatica, Inc.
 (11) AU-A-2024205695
 (21) 2024205695 (22) 12.08.2024
 (54) Aldehyde dehydrogenase variants and methods of use

(51) Int. Cl.
C12N 9/02 (2006.01)

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 (62) 2018244459
 (72) HOFF, Kevin; TRACEWELL, Cara Ann; CHAN, Kui; SHAH, Amit; WARNER, Joseph; NOBLE, Michael
 (74) Spruson & Ferguson

(71) Geron Corporation
 (11) AU-A-2024208794
 (21) 2024208794 (22) 19.08.2024
 (54) Methods of treating myelodysplastic syndrome

(51) Int. Cl.
C12Q 1/48 (2006.01)
A61K 31/454 (2006.01)
A61K 47/54 (2017.01)
B82Y 5/00 (2011.01)

(43) 05.09.2024
 (62) 2019389005
 (72) RIZO, Aleksandra; BUSSOLARI, Jacqueline Cirillo; HUANG, Fei
 (74) FB Rice Pty Ltd

(71) GILEAD SCIENCES, INC.
 (11) AU-A-2024205850
 (21) 2024205850 (22) 16.08.2024
 (54) Processes and intermediates for preparing macrocyclic MCL1 inhibitors

(51) Int. Cl.
C07C 255/59 (2006.01)
C07C 205/37 (2006.01)
C07C 217/86 (2006.01)
C07C 255/54 (2006.01)
C07D 267/12 (2006.01)
C07D 317/22 (2006.01)

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 (74) FPA Patent Attorneys Pty Ltd

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(71) Gort-Barten, A.; Gort-Barten, L.
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 (21) 2023200938 (22) 17.02.2023
 (54) Beverage Capsule Recycler
 (51) Int. Cl.

A47J 31/44 (2006.01)
B29B 17/02 (2006.01)
B30B 1/00 (2006.01)
B30B 9/00 (2006.01)
B30B 15/02 (2006.01)
B30B 15/32 (2006.01)
B65D 85/804 (2006.01)
B30B 15/00 (2006.01)
B29L 31/00 (2006.01)

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 (74) DAVIS IP PTY LTD

(71) Guangdong Oppo Mobile Telecommunications Corp., Ltd.

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 (54) Method for encoding/decoding image signal, and apparatus therefor

(51) Int. Cl.
H04N 19/503 (2014.01)
H04N 19/105 (2014.01)
H04N 19/109 (2014.01)
H04N 19/11 (2014.01)
H04N 19/119 (2014.01)
H04N 19/122 (2014.01)
H04N 19/139 (2014.01)
H04N 19/176 (2014.01)

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 (62) 2019375315
 (72) LEE, Bae Keun
 (74) Spruson & Ferguson

(71) Halliburton Energy Services, Inc.
 (11) AU-A-2024205790
 (21) 2024205790 (22) 15.08.2024
 (54) SALTING OUT INHIBITORS FOR USE IN TREATMENT FLUIDS

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C09K 8/04 (2006.01)
C09K 8/20 (2006.01)
C09K 8/575 (2006.01)
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(72) Eluru, Sairam; Meher, Pratiksha Shivaji; Prakash, Chetan; Borra, Sandeep Kumar
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71) HANSHOW TECHNOLOGY CO., LTD.
(11) AU-A-2023336074
(21) 2023336074 (22) 21.02.2023
(54) PRODUCT RECOGNITION APPARATUS AND METHOD
- (51) Int. Cl.
G06V 10/82 (2022.01)
G06N 20/00 (2019.01)
G06Q 20/20 (2012.01)
- (43) 05.09.2024
(72) HUANG, Sheng; ZHUANG, Yitang; HOU, Shiguo; SHEN, Ming
(74) Griffith Hack
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- (71) HEINE Optotechnik GmbH & Co. KG
(11) AU-A-2024200849
(21) 2024200849 (22) 09.02.2024
(54) OPTICAL MEDICAL EXAMINATION DEVICE
- (51) Int. Cl.
A61B 5/00 (2006.01)
A61B 5/103 (2006.01)
G02F 1/01 (2006.01)
- (31) 10 2023 103 906.7 (32) 16.02.23 (33) DE
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(72) Raab, Roman; Michel, Felix
(74) Maxwells Patent & Trade Mark Attorneys Pty Ltd
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- (71) HONEYWELL INTERNATIONAL INC.
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(54) AIR QUALITY MONITORING DEVICE AND ASSOCIATED METHOD OF MONITORING AIR QUALITY
- (51) Int. Cl.
A61M 16/06 (2006.01)
A61B 5/00 (2006.01)
A62B 9/00 (2006.01)
G01N 33/00 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd
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(11) AU-A-2024205781
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(54) COMBINED PLANT COMPOUNDS FOR USE IN THE TREATMENT OF VIRAL INFECTIONS INCLUDING COVID-19
- (51) Int. Cl.
A61K 36/18 (2006.01)
A61P 31/14 (2006.01)
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(72) HUANG, Guoxin
(74) Baxter Patent Attorneys Pty Ltd
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- (71) Huawei Technologies Co., Ltd.
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(21) 2024205784 (22) 15.08.2024
(54) CHANNEL ACCESS METHOD FOR MULTI-LINK DEVICE, AND RELATED APPARATUS
- (51) Int. Cl.
H04W 74/08 (2009.01)
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(72) Guo, Yuchen; Li, Yunbo; Li, Yiqing; Gan, Ming
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(54) DATA TRANSMISSION METHOD AND APPARATUS
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H04W 24/02 (2009.01)
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(54) METHOD AND APPARATUS FOR TRANSMITTING/RECEIVING PHYSICAL LAYER PROTOCOL DATA UNIT
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H04W 8/08 (2009.01)
H04L 5/00 (2006.01)
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(72) Liang, Dandan; Gan, Ming; Yang, Yang; Lei, Xianfu; Liu, Chenchen; Zhou, Zhengchun; Lin, Wei; Tang, Xiaohu
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- (71) Hysential Pty Ltd
(11) AU-A-2024200967
(21) 2024200967 (22) 14.02.2024
(54) A Carousel Tissue Dispenser
- (51) Int. Cl.
A47K 10/36 (2006.01)
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A47K 10/32 (2006.01)
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(72) Ugrinovski, Steven
(74) Steven Ugrinovski
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- (71) ICSIP Pty Ltd
(11) AU-A-2024208796
(21) 2024208796 (22) 19.08.2024
(54) PRODUCTION OF LITHIUM CHEMICALS AND METALLIC LITHIUM
- (51) Int. Cl.
C01D 15/02 (2006.01)
C22B 3/22 (2006.01)
C22B 26/12 (2006.01)
H01M 4/04 (2006.01)
H01M 4/131 (2010.01)
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(72) HUNWICK, Richard
(74) Griffith Hack
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(11) AU-A-2024208813
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(54) SYSTEM AND METHOD FOR PROVIDING AWARDS FOR UTILIZING A MOBILE DEVICE IN ASSOCIATION WITH A GAMING ESTABLISHMENT RETAIL ACCOUNT
- (51) Int. Cl.
G07F 17/32 (2006.01)
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(72) Higgins, Kevin; Shepherd, Jeffery; Davis, Dwayne A.; Miri, Sina
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(54) Wiper blade packaging
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B65D 85/00 (2006.01)
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(72) Wagner, Sarah Edwards
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- (71) Illinois Tool Works Inc.
(11) AU-A-2024200976
(21) 2024200976 (22) 15.02.2024
(54) Vehicle shampoo composition containing graphene
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C11D 3/60 (2006.01)
C08K 3/04 (2006.01)
C09D 5/08 (2006.01)
C09D 7/61 (2018.01)
C11D 1/75 (2006.01)
C11D 1/82 (2006.01)
C11D 3/12 (2006.01)
C11D 3/18 (2006.01)
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C11D 3/43 (2006.01)
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- (71) Illinois Tool Works Inc.
(11) AU-A-2024200980
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(51) Int. Cl.
C11D 1/72 (2006.01)
C11D 1/75 (2006.01)
C11D 3/02 (2006.01)
C11D 3/26 (2006.01)
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- (43) 05.09.2024
(72) Yang, Guozhen
(74) Davies Collison Cave Pty Ltd
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- (71) Implantica Patent Ltd
(11) AU-A-2024205830
(21) 2024205830 (22) 16.08.2024
(54) System and method for embryo control
(51) Int. Cl.
A61B 17/12 (2006.01)
A61B 17/425 (2006.01)
A61F 6/22 (2006.01)
A61N 1/36 (2006.01)
- (43) 05.09.2024
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(72) Forsell, Peter
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- (71) INOSYSTEMS
(11) AU-A-2024200374
(21) 2024200374 (22) 19.01.2024
(54) APPARATUS FOR SUPPLYING GAS, SUCH AS NO. TO A PATIENT, WITH COUNTING OF THE TOTAL ACTUAL TREATMENT TIME
(51) Int. Cl.
A61M 16/00 (2006.01)
A61M 16/12 (2006.01)
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- (31) 2301524 (32) 20.02.23 (33) FR
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(72) Blandin, Yann; Schmitt, Mary; Marchal, Frederic
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71) Jaan Biotherapeutics, LLC
(11) AU-A-2024205803
(21) 2024205803 (22) 15.08.2024
(54) COMPOSITIONS AND METHODS FOR TREATMENT OF CARDIAC DISEASES
(51) Int. Cl.
A61K 48/00 (2006.01)
C12N 15/113 (2010.01)
C12N 15/84 (2006.01)
- (43) 05.09.2024
(62) 2017300272
(72) Brar, Bhawanjit Kaur
(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
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- (71) JETT GLOBAL HOLDINGS PTY LTD
(11) AU-A-2024200403
(21) 2024200403 (22) 23.01.2024
(54) Modular Interlocking Expandable Plant Trellis
(51) Int. Cl.
A01G 9/12 (2006.01)
- (31) 2023904117 (32) 19.12.23 (33) AU
18110753 16.02.23 US
- (43) 05.09.2024
(72) Littlejohn-Mifsud, Brett; Noonan, Jessica
(74) JETT GLOBAL HOLDINGS PTY LTD
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- (71) JIANGSU TRUST CROP PROTECTION TECHNOLOGY CO., LTD.; NANJING YOUJU ENVIRONMENTAL PROTECTION MATERIAL CO., LTD.; JIANGSU XINSHENGQI PLASTICS INDUSTRY TECHNOLOGY CO., LTD.
(11) AU-A-2023387770
(21) 2023387770 (22) 03.04.2023
(54) DEGRADABLE PLASTIC BOTTLE, AND PREPARATION METHOD THEREFOR AND DEGRADATION PROCESS THEREOF
(51) Int. Cl.
B65D 65/46 (2006.01)
B65D 1/02 (2006.01)
C08G 63/08 (2006.01)
C08G 63/183 (2006.01)
C08G 64/02 (2006.01)
- (31) 202310150872.5 (32) 22.02.23 (33) CN
(43) 05.09.2024
(72) CHE, Hong; JIANG, Wei
(74) Wrays Pty Ltd
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- (71) Jinhua Shengxiang Tools Co., Ltd
(11) AU-A-2023254969
(21) 2023254969 (22) 26.10.2023
(54) MULTI-FUNCTIONAL SAW
(51) Int. Cl.
B23D 49/12 (2006.01)
B23D 51/01 (2006.01)
B23D 51/10 (2006.01)
- (31) 202320334308.4 (32) 16.02.23 (33) CN
(43) 05.09.2024
(72) Feng, Yisheng
(74) Madderns Pty Ltd
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- (71) Johnson & Johnson Consumer Inc.
(11) AU-A-2024205846
(21) 2024205846 (22) 16.08.2024
(54) Tamper evident carton
(51) Int. Cl.
B65D 55/02 (2006.01)
B31B 50/14 (2017.01)
B31B 50/25 (2017.01)
- (43) 05.09.2024
(62) 2019203332
(72) HAIDACHER, Victor Steven; SCHENCK, Dustin R.; BANI, Edward A.; GALLAGHER, Megan; IANNELLI, Greg
(74) Spruson & Ferguson
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- (71) Johnson & Johnson GmbH
(11) AU-A-2024205804
(21) 2024205804 (22) 15.08.2024
(54) Method of winding up tampon material
(51) Int. Cl.
A61F 13/20 (2006.01)
A61F 13/34 (2006.01)
B65H 65/00 (2006.01)
B65H 69/04 (2006.01)
- (43) 05.09.2024
(62) 2022202564
(72) CANKAR, Thomas; KLAR, Markus; ANGER, Markus; BERGERMANN, Martin; ARNESEN, Jens-Petter
(74) Spruson & Ferguson
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- (71) Jost International Corp.
(11) AU-A-2023201131
(21) 2023201131 (22) 24.02.2023
(54) Trailer landing gear
(51) Int. Cl.
B60S 9/08 (2006.01)
B60D 1/66 (2006.01)
B60S 9/22 (2006.01)
- (31) 18/111,732 (32) 20.02.23 (33) US
(43) 05.09.2024
(72) De Boer, Jay; Hildebrandt, Israel T.; Oestreich, Brian E.
(74) Davies Collison Cave Pty Ltd
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- (71) Kabushiki Kaisha Toshiba
(11) AU-A-2023266221
(21) 2023266221 (22) 13.11.2023
(54) Carbon dioxide adsorbent and carbon dioxide adsorption-desorption device
(51) Int. Cl.
B01J 20/22 (2006.01)
B01D 53/04 (2006.01)
B01D 53/14 (2006.01)
B01J 20/28 (2006.01)
B01J 20/34 (2006.01)
C01B 32/50 (2017.01)
C07B 63/00 (2006.01)
- (31) 2023-025440 (32) 21.02.23 (33) JP
(43) 05.09.2024
(72) Hitomi Saito; Reiko Yoshimura; Yasushi Shinjo
(74) Griffith Hack
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- (71) Kegspeed, LLC
(11) AU-A-2024205856
(21) 2024205856 (22) 16.08.2024
(54) A DISTRIBUTION NETWORK FOR MONITORING, CONTROLLING AND OPTIMIZING FLOW OF LIQUID BEVERAGE PRODUCTS DELIVERED TO CUSTOMERS VIA CONTAINERS
(51) Int. Cl.
G06Q 10/00 (2023.01)
G06K 7/10 (2006.01)
G06K 17/00 (2006.01)
G06Q 10/08 (2023.01)
- (43) 05.09.2024
(62) 2022202783
(72) JONES, Timothy L.
(74) WRAYS PTY LTD

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(71) Koch Technology Solutions UK Limited
 (11) AU-A-2024200807
 (21) 2024200807 (22) 09.02.2024
 (54) PROCESS FOR SELECTIVE PURIFICATION OF LITHIUM FROM AN AQUEOUS LITHIUM SALT-CONTAINING SOLUTION
 (51) Int. Cl.
C22B 26/12 (2006.01)
B01D 15/08 (2006.01)
B01D 15/18 (2006.01)
B01D 15/20 (2006.01)
C22B 3/24 (2006.01)
 (31) 63/446,364 (32) 17.02.23 (33) US
 (43) 05.09.2024
 (72) Collias, Constantine; Bootsma, Jason Alan; Shay, Daniel Travis
 (74) PHILLIPS ORMONDE FITZPATRICK

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 (21) 2024200931

(71) L.E.A.F. Holdings Group LLC
 (11) AU-A-2024205501
 (21) 2024205501 (22) 02.08.2024
 (54) Liposome encapsulated affinity drug
 (51) Int. Cl.
A61K 31/195 (2006.01)
 (43) 05.09.2024
 (62) 2022202046
 (72) NIYIKIZA, Clet; VARGHESE, Jose
 (74) Spruson & Ferguson

(71) Lastek Pty Ltd
 (11) AU-A-2024201145
 (21) 2024201145 (22) 21.02.2024
 (54) SIMPLE ZERO-Q-TRANSFORMING (ZQT) MULTI-PASS CELLS FOR OPTICAL APPLICATIONS
 (51) Int. Cl.
G02B 17/00 (2006.01)
G01N 21/03 (2006.01)
H04B 10/2513 (2013.01)
H04B 10/70 (2013.01)
 (31) 2023900460 (32) 22.02.23 (33) AU
 (43) 05.09.2024
 (72) Luther-Davies, Barry
 (74) Wrays Pty Ltd

(71) LG Electronics Inc.
 (11) AU-A-2024210999
 (21) 2024210999 (22) 20.08.2024
 (54) METHOD AND DEVICE FOR WEIGHTED PREDICTION FOR IMAGE/VIDEO CODING
 (51) Int. Cl.
H04N 19/70 (2014.01)
H04N 19/105 (2014.01)
H04N 19/132 (2014.01)
H04N 19/137 (2014.01)
H04N 19/184 (2014.01)

(43) 05.09.2024
 (62) 2021207559
 (72) PALURI, Seethal; HENDRY, Hendry; ZHAO, Jie; KIM, Seunghwan
 (74) Dentons Patent Attorneys Australasia Limited

(71) LG Electronics Inc.
 (11) AU-A-2024211002
 (21) 2024211002 (22) 20.08.2024
 (54) IMAGE CODING DEVICE AND METHOD
 (51) Int. Cl.
H04N 19/82 (2014.01)
H04N 19/117 (2014.01)
H04N 19/132 (2014.01)
H04N 19/14 (2014.01)
H04N 19/70 (2014.01)

(43) 05.09.2024
 (62) 2020387317
 (72) HENDRY, Hendry; PALURI, Seethal; KIM, Seunghwan
 (74) Dentons Patent Attorneys Australasia Limited

(71) LG ELECTRONICS INC.
 (11) AU-A-2024205805
 (21) 2024205805 (22) 15.08.2024
 (54) REFRIGERATOR
 (51) Int. Cl.
F25D 17/06 (2006.01)
F25C 1/04 (2018.01)

(43) 05.09.2024
 (62) 2022203947
 (72) HONG, Jinil; KIM, Nayoung; CHOO, Ayoung
 (74) Dentons Patent Attorneys Australasia Limited

(71) Linhai Guokang Leisure Products Co., Ltd.
 (11) AU-A-2023208116
 (21) 2023208116 (22) 26.07.2023
 (54) Sun umbrella rod
 (51) Int. Cl.
F21V 17/10 (2006.01)
 (31) 2023214093877 (32) 21.02.23 (33) CN
 (43) 05.09.2024
 (72) LIU, Defu
 (74) A.P.T. Patent and Trade Mark Attorneys

(71) Macdonald, J.
 (11) AU-A-2023278121
 (21) 2023278121 (22) 08.12.2023
 (54) A tethered, self steering wing that optimises marine biomass growth by raising and lowering using ocean currents.
 (51) Int. Cl.
A01G 33/00 (2006.01)
A01D 44/00 (2006.01)
A01K 61/54 (2017.01)
B63B 1/28 (2006.01)
B63G 8/18 (2006.01)
 (31) 2022903759 (32) 09.12.22 (33) AU

(43) 05.09.2024
 (72) Macdonald, John
 (74) John Andrew Macdonald

(71) MacDon Industries Ltd
 (11) AU-A-2024213114
 (21) 2024213114 (22) 21.08.2024
 (54) WEAR-INHIBITING CLIP FOR DRAPER CLEAT OR SLAT OF A CROP HARVESTING HEADER
 (51) Int. Cl.
A01D 41/14 (2006.01)
A01D 43/00 (2006.01)
A01D 57/20 (2006.01)

(43) 05.09.2024
 (62) 2018204353
 (72) MARTENS, Kris; GEORGINSON, Ryan; ROGALSKY, Doug
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) MANSELL, J.
 (11) AU-A-2024205808
 (21) 2024205808 (22) 16.08.2024
 (54) Sterilizing surgical instrument table
 (51) Int. Cl.
A61B 50/15 (2016.01)
A61B 50/13 (2016.01)
A61B 50/24 (2016.01)
A61L 2/10 (2006.01)

(43) 05.09.2024
 (62) 2018335399
 (72) MANSELL, John
 (74) Davies Collison Cave Pty Ltd

(71) Match Group, LLC
 (11) AU-A-2024211001
 (21) 2024211001 (22) 20.08.2024
 (54) SYSTEM AND METHOD FOR MATCHING USING LOCATION INFORMATION
 (51) Int. Cl.
H04W 64/00 (2009.01)
G08B 1/08 (2006.01)
H04W 4/02 (2018.01)
H04W 4/021 (2018.01)
H04W 4/029 (2018.01)
H04W 4/21 (2018.01)

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 (72) BURRELL, Robinne; SCHNEIDER, Anna M.; DUBEY, Sharmistha; DORSETT, Deryl; MILLER, Kyle; STEVENS, Samantha J.; ROSS, David A.; GAFNI, Joshua D.; HENDERSON, Shane
 (74) RnB IP Pty Ltd

(71) MATTHEWS, A.
 (11) AU-A-2022263493
 (21) 2022263493 (22) 09.02.2023
 (54) self sustaining power system
 (51) Int. Cl.
F21S 2/00 (2016.01)
F21S 9/04 (2006.01)
H02K 99/00 (2014.01)
H02S 20/00 (2014.01)
H02S 30/10 (2014.01)

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(72) MATTHEWS, ALLAN
(74) ALLAN MATTHEWS

(71) Memorial Sloan-Kettering Cancer Center

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(21) 2024205819 (22) 16.08.2024
(54) Effective generation of tumor-targeted T-cells derived from pluripotent stem cells
(51) Int. Cl.
A61K 35/00 (2006.01)
C12N 5/074 (2010.01)
C12N 5/0783 (2010.01)

(43) 05.09.2024
(62) 2021201731
(72) THEMELI, Maria; SADELAIN, Michel; LOSS, Christopher C.
(74) Spruson & Ferguson

(71) Mor Designs Ltd.
(11) AU-A-2023201969
(21) 2023201969 (22) 30.03.2023
(54) Grill
(51) Int. Cl.
A47J 37/07 (2006.01)
(31) 202320355739.9 (32) 21.02.23 (33) CN
(43) 05.09.2024
(72) LIEN, Hung-Mei
(74) LAMINAR IP PTY LTD

(71) MORSE MICRO PTY. LTD.
(11) AU-A-2024200378
(21) 2024200378 (22) 19.01.2024
(54) METHODS AND DEVICES OF CLEAR MEDIUM CALIBRATION COORDINATION
(51) Int. Cl.
H04W 74/00 (2009.01)
H04B 7/24 (2006.01)
H04L 12/00 (2006.01)
H04W 24/02 (2009.01)
H04W 52/02 (2009.01)
H04W 72/0446 (2023.01)
H04W 88/08 (2009.01)
(31) 2023900387 (32) 16.02.23 (33) AU
(43) 05.09.2024
(72) Dransfield, Thomas; Dransfield, Thomas
(74) MORSE MICRO PTY. LTD.

(71) Mumble By Design Pty Ltd
(11) AU-A-2024205836
(21) 2024205836 (22) 16.08.2024
(54) Panel Stand Assembly
(51) Int. Cl.
E04B 2/74 (2006.01)
A47B 96/04 (2006.01)
B25B 5/04 (2006.01)
(43) 05.09.2024
(62) 2018299416
(72) FINE, Nadine; HAWKSWORTH, Jacqui
(74) IP SOLVED (ANZ) PTY. LTD.

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(21) 2023387770

(71) NEURACLE SCIENCE CO., LTD.
(11) AU-A-2024204092
(21) 2024204092 (22) 21.02.2024
(54) USE OF ANTI-FAM19A5 ANTAGONISTS FOR TREATING HEARING DISORDERS
(51) Int. Cl.
C07K 16/24 (2006.01)
A61K 31/055 (2006.01)
A61K 31/085 (2006.01)
A61K 31/09 (2006.01)
A61K 31/12 (2006.01)
A61K 31/136 (2006.01)
A61K 38/08 (2019.01)
A61K 38/10 (2006.01)
A61K 38/17 (2006.01)
A61K 39/395 (2006.01)
A61P 27/16 (2006.01)
(31) 63/486,187 (32) 21.02.23 (33) US
63/595,942 03.11.23 US
(43) 05.09.2024
(72) SEONG, Jae Young; PARK, Yosub; BOK, Jinwoong; MIN, Hyehyun; KIM, Han Byul
(74) PHILLIPS ORMONDE FITZPATRICK

(71) NEUTRON HOLDINGS, INC.
(11) AU-A-2024201158
(21) 2024201158 (22) 22.02.2024
(54) INTEGRATED SEAT AND STORAGE ATTACHMENT FOR A SCOOTER
(51) Int. Cl.
B62K 19/46 (2006.01)
B62J 9/00 (2020.01)
(31) 63/447,602 (32) 22.02.23 (33) US
(43) 05.09.2024
(72) LENTZ, Daniel; LISLE, Jarron; OXFORD, Jon; MITURA, Hubert; DROZD, Bartlomiej
(74) Dentons Patent Attorneys Australasia Limited

(71) niumeitolu, v.
(11) AU-A-2024201045
(21) 2024201045 (22) 17.02.2024
(54) Hydropower plant
(51) Int. Cl.
F03B 13/10 (2006.01)
F03B 17/00 (2006.01)
F03B 17/04 (2006.01)
(31) 2023900394 (32) 17.02.23 (33) AU
(43) 05.09.2024
(72) niumeitolu, vilo
(74) vilo niumeitolu

(71) Nokia Technologies Oy
(11) AU-A-2024205786
(21) 2024205786 (22) 15.08.2024
(54) Power headroom report for a serving cell
(51) Int. Cl.

H04W 24/10 (2009.01)
(43) 05.09.2024
(62) 2020449037
(72) KOSKELA, Jarkko; TURTIMEN, Samuli; WU, Chunli; HENTTONEN, Tero
(74) Spruson & Ferguson

(71) NOVOLUTO GmbH
(11) AU-A-2024208803
(21) 2024208803 (22) 19.08.2024
(54) Stimulation device
(51) Int. Cl.
A61H 19/00 (2006.01)
A61H 9/00 (2006.01)
(43) 05.09.2024
(62) 2022203319
(72) Lenke, Michael
(74) James & Wells Intellectual Property

(71) NRW Holdings Limited
(11) AU-A-2024201000
(21) 2024201000 (22) 15.02.2024
(54) A Method and an Apparatus for Installing a Track on a Tracked Machine
(51) Int. Cl.
B62D 55/32 (2006.01)
B25B 27/22 (2006.01)
B62D 55/205 (2006.01)
B66D 1/60 (2006.01)
(31) 2023900447 (32) 21.02.23 (33) AU
(43) 05.09.2024
(72) Cooper, Alexander
(74) Griffith Hack

(71) Nuritas Limited
(11) AU-A-2024211009
(21) 2024211009 (22) 20.08.2024
(54) GROWTH PROMOTING PEPTIDES, AND USES THEREOF
(51) Int. Cl.
C07K 14/415 (2006.01)
A61K 38/01 (2006.01)
(43) 05.09.2024
(62) 2021202478
(72) Khaldi, Nora; Lopez, Cyril; Adleffio, Alessandro
(74) Madderns Pty Ltd

(71) Omnicell, Inc.
(11) AU-A-2024205806
(21) 2024205806 (22) 15.08.2024
(54) Multi-camera imaging for IV compound-ing
(51) Int. Cl.
G06T 7/00 (2017.01)
G01F 17/00 (2006.01)
(43) 05.09.2024
(62) 2018370976
(72) TROVATO, Giuseppe; SCHIAVINATO, Andrea; AMATO, Luca
(74) FB Rice Pty Ltd

(71) PayPal, Inc.
(11) AU-A-2024205791
(21) 2024205791 (22) 15.08.2024

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- (54) Versatile point-of-sale systems and methods
 (51) Int. Cl.
G07G 1/14 (2006.01)
G06Q 20/00 (2012.01)
- (43) 05.09.2024
 (62) 2021325639
 (72) SANCHEZ DE LA ROSA, Mario
 Fernando; RISTNER, Ida
 (74) FPA Patent Attorneys Pty Ltd
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- (71) Pearl Therapeutics, Inc.
 (11) AU-A-2024205820
 (21) 2024205820 (22) 16.08.2024
 (54) DRUG DELIVERY SYSTEMS AND RELATED METHODS
 (51) Int. Cl.
A61M 15/00 (2006.01)
A61K 9/00 (2006.01)
A61K 9/12 (2006.01)
A61M 11/00 (2006.01)
A61M 11/06 (2006.01)
A61M 11/08 (2006.01)
- (43) 05.09.2024
 (62) 2018347970
 (72) Sherwood, Jill; Deaton, Dan; Himel, Denny; Foster, Brian; Ferriter, Matthew; Dwivedi, Sarvajna Kumar; King, Michael L.; Hamlin, Fred; Sheehy, Jr., Robert V.; Libby, Gerard; Negi, Vipul; Woodard, Kyle
 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) Pentland Firth Software GmbH
 (11) AU-A-2024201094
 (21) 2024201094 (22) 20.02.2024
 (54) Mobile charging unit for shopping carts and System
 (51) Int. Cl.
B60L 53/57 (2019.01)
B60L 53/16 (2019.01)
B60L 53/18 (2019.01)
B60L 53/53 (2019.01)
B62B 3/14 (2006.01)
B62B 5/00 (2006.01)
H02J 7/00 (2006.01)
- (31) 10 2023 104 363.3 (32) 22.02.23 (33) DE
 (43) 05.09.2024
 (72) Heinrich, Frank
 (74) Allens Patent & Trade Mark Attorneys
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- (71) PLUG POWER INC.
 (11) AU-A-2024200808
 (21) 2024200808 (22) 09.02.2024
 (54) ELECTROLYZER STACK END PLATE ASSEMBLY WITH FLUID-ISOLATING INSERT(S)
 (51) Int. Cl.
H01M 8/2485 (2016.01)
C25B 1/04 (2021.01)
C25B 9/23 (2021.01)
C25B 9/75 (2021.01)
H01M 8/0202 (2016.01)
H01M 8/04 (2016.01)
H01M 8/2404 (2016.01)
H01M 8/248 (2016.01)
- (31) 18/170,006 (32) 16.02.23 (33) US
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- (43) 05.09.2024
 (72) SWEETLAND, Matthew;
 MITTLESTEADT, Cortney
 (74) Zone Patents Limited
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- (71) Pratt Retail Specialties, LLC
 (11) AU-A-2024205762
 (21) 2024205762 (22) 14.08.2024
 (54) Insulated Bag
 (51) Int. Cl.
B65D 81/38 (2006.01)
B65D 5/36 (2006.01)
B65D 5/56 (2006.01)
- (43) 05.09.2024
 (62) 2018260911
 (72) Waltermire, Jamie; Ott, Paul
 (74) Golja Haines & Friend
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- (71) Pratt Retail Specialties, LLC
 (11) AU-A-2024205763
 (21) 2024205763 (22) 14.08.2024
 (54) Insulated Bag
 (51) Int. Cl.
B65D 81/38 (2006.01)
B65D 5/36 (2006.01)
B65D 5/56 (2006.01)
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 (62) 2018260911
 (72) Waltermire, Jamie; Ott, Paul
 (74) Golja Haines & Friend
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- (71) Pratt Retail Specialties, LLC
 (11) AU-A-2024208808
 (21) 2024208808 (22) 19.08.2024
 (54) Insulated Bag with Handles
 (51) Int. Cl.
B65D 81/38 (2006.01)
B65D 5/00 (2006.01)
B65D 5/42 (2006.01)
B65D 5/46 (2006.01)
B65D 5/56 (2006.01)
- (43) 05.09.2024
 (62) 2018260914
 (72) Waltermire, Jamie; Ott, Paul; Sollie, Greg
 (74) Golja Haines & Friend
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- (71) Precigen, Inc.
 (11) AU-A-2024205827
 (21) 2024205827 (22) 16.08.2024
 (54) Expression of novel cell tags
 (51) Int. Cl.
C12Q 1/68 (2018.01)
A61K 35/17 (2015.01)
A61K 39/395 (2006.01)
C07K 14/435 (2006.01)
C07K 14/705 (2006.01)
C07K 14/71 (2006.01)
C07K 16/28 (2006.01)
C07K 16/46 (2006.01)
- (43) 05.09.2024
 (62) 2018281316
 (72) SHAH, Rutul; EMTAGE, Peter; YARLAGADDA, Ramya
 (74) Spruson & Ferguson
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- (71) Qingdao KingAgroot Chemical Compound Co., Ltd.
 (11) AU-A-2024205607
 (21) 2024205607 (22) 08.08.2024
 (54) Mutant p-hydroxyphenylpyruvate dioxygenase, and coding nucleic acid and use thereof
 (51) Int. Cl.
C12N 9/02 (2006.01)
C12N 5/10 (2006.01)
C12N 15/53 (2006.01)
C12N 15/82 (2006.01)
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 (62) 2019280480
 (72) LIAN, Lei; MO, Sudong; LI, Huarong; YUAN, Guangdi; LI, Zhenguo; ZHANG, Junjie; DING, Dehui; CHEN, Bo; LIU, Guizhi; SONG, Chao; WANG, Lei
 (74) Davies Collison Cave Pty Ltd
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- (71) QINGDAO YOU MENG HOME FURNISHING TECHNOLOGY CO. LTD.
 (11) AU-A-2023387759
 (21) 2023387759 (22) 23.02.2023
 (54) COMPOSITE CUSHIONING SYSTEM
 (51) Int. Cl.
A47C 27/15 (2006.01)
A47C 23/04 (2006.01)
A47C 27/04 (2006.01)
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 (54) UPLINK SIGNALING OF DIRECT CURRENT (DC) TONE LOCATION IN NEW RADIO (NR)
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H04L 5/00 (2006.01)
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A01N 63/10 (2020.01)
A61K 35/76 (2015.01)
A61K 38/03 (2006.01)
A61K 38/16 (2006.01)
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 (72) Wang, Li-hsien; Xue, Yingzi; Murphy, Andrew J.; Stevens, Sean
 (74) PHILLIPS ORMONDE FITZPATRICK

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C07K 16/22 (2006.01)
A61K 39/395 (2006.01)
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A61P 27/02 (2006.01)
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B32B 1/08 (2006.01)
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F16M 11/04 (2006.01)
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H01R 13/00 (2006.01)
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 (72) KO, Yiu Fai
 (74) A.P.T. Patent and Trade Mark Attorneys

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A61M 11/00 (2006.01)

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B05B 17/06 (2006.01)
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(71) Shenzhen Aiper Intelligent Co., Ltd.
 (11) AU-A-2023203970
 (21) 2023203970 (22) 23.06.2023
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E04H 4/16 (2006.01)
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 (74) LAMINAR IP PTY LTD

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 (54) IMPROVEMENTS IN STRUCTURAL CELLS, MATRICES AND METHODS OF ASSEMBLY
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(54) Surgical navigation systems and methods
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A61B 34/10 (2016.01)
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B25G 1/04 (2006.01)
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(54) METHOD AND APPARATUS FOR VIDEO CODING
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H04N 19/122 (2014.01)
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C07K 16/28 (2006.01)
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(74) FB Rice Pty Ltd
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E05B 63/18 (2006.01)
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E05C 1/00 (2006.01)
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B01D 53/26 (2006.01)
B65D 81/00 (2006.01)

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C01D 3/06 (2006.01)
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C07C 273/00 (2006.01)
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Dennis Earl; HAWES, Charles L.;
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thew Michael
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Frank
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ing mechanism, backrest unlocking
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B62B 7/06 (2006.01)
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(72) YUAN, Jialiang; GUO, Zhengwen
(74) Allens Patent & Trade Mark Attorneys

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B09B 3/30 (2022.01)
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B23P 19/04 (2006.01)
B65G 49/06 (2006.01)
H01L 31/20 (2006.01)
H02S 40/00 (2014.01)
B09B 101/15 (2022.01)

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 B63B 32/66 (2020.01) GUTTERMAN, Donna; CLAUW, Daniel;
 A63B 69/00 (2006.01) GRIESSER, James; SMITH, Ted
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 (72) Wright, Gavin
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 (54) SOLAR CELL AND MANUFACTURING
 METHOD THEREOF, AND PHOTO-
 VOLTAIC MODULE
 (51) Int. Cl.
 H01L 31/042 (2014.01)
 H01L 31/0224 (2006.01)
 H01L 31/0248 (2006.01)
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 A61K 31/337 (2006.01)
 A61K 9/08 (2006.01)
 A61K 47/10 (2017.01)
 A61K 47/12 (2006.01)
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 (74) Davies Collison Cave Pty Ltd

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 (54) METHODS, DEVICES, AND SYSTEMS
 FOR WIRELESS TRANSMISSION
 WITH LIMITED CHANNEL BAND-
 WIDTH
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 H04W 72/20 (2023.01)
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2022263493	MATTHEWS, A.	2024201043	EEZZ RAINWATER SYSTEMS LIMITED
2023200938	Gort-Barten, A.; Gort-Barten, L.	2024201044	BLANCO GmbH + Co KG
2023200962	Richlyn Developments Ltd.	2024201045	niumeitolu, v.
2023200966	Rudd, C.	2024201046	Air Products and Chemicals, Inc.
2023200967	Wright, G.	2024201094	Pentland Firth Software GmbH
2023201006	FU, L.	2024201102	Disney Enterprises, Inc.; ETH Zürich (Eidgenössische Technische Hochschule Zürich)
2023201131	Jost International Corp.	2024201145	Lastek Pty Ltd
2023201191	Won Kwang S&T Co., Ltd.	2024201158	NEUTRON HOLDINGS, INC.
2023201969	Mor Designs Ltd.	2024201305	Beyonda Pty Ltd
2023203765	Sterlite Technologies Limited	2024204092	NEURACLE SCIENCE CO., LTD.
2023203970	Shenzhen Aiper Intelligent Co., Ltd.	2024204694	Regeneron Pharmaceuticals, Inc.
2023208116	Linhai Guokang Leisure Products Co., Ltd.	2024204892	eggXYt Ltd
2023210564	Chase, W.	2024205204	Editas Medicine, Inc.
2023210662	ZHEJIANG JINKO SOLAR CO., LTD.	2024205230	ReAlta Holdings, LLC
2023229536	FOLLEA INTERNATIONAL	2024205501	L.E.A.F. Holdings Group LLC
2023254969	Jinhua Shengxiang Tools Co., Ltd	2024205607	Qingdao KingAgroot Chemical Compound Co., Ltd.
2023263491	BEIJING EACON TECHNOLOGY CO., LTD.	2024205641	Regenxbio Inc.
2023266221	Kabushiki Kaisha Toshiba	2024205695	Genomatica, Inc.
2023270276	Sungrow Energy Storage Technology Co., Ltd.	2024205703	Two Blades Foundation; Commonwealth Scientific and Industrial Research Organisation
2023274250	Beijing Baidu Netcom Science Technology Co., Ltd.	2024205749	AHS Hospital Corp.; TScan Therapeutics, Inc.
2023278121	Macdonald, J.	2024205762	Pratt Retail Specialties, LLC
2023285707	Adobe Inc.	2024205763	Pratt Retail Specialties, LLC
2023336074	HANSHOW TECHNOLOGY CO., LTD.	2024205764	Tencent America LLC
2023361982	GEA MECHANICAL EQUIPMENT ITALIA S.P.A.	2024205769	Wonderland Switzerland AG
2023361987	ZTE CORPORATION	2024205770	Aristocrat Technologies Australia Pty Limited
2023387749	CNBM RESEARCH INSTITUTE FOR ADVANCED GLASS MATERIALS GROUP CO., LTD.; TRIUMPH SCIENCE & TECHNOLOGY GROUP CO., LTD.	2024205771	Aristocrat Technologies Australia Pty Limited
2023387759	QINGDAO YOU MENG HOME FURNISHING TECHNOLOGY CO. LTD.	2024205772	AXSOME THERAPEUTICS, INC.
2023387770	JIANGSU TRUST CROP PROTECTION TECHNOLOGY CO., LTD.; NANJING YOUJU ENVIRONMENTAL PROTECTION MATERIAL CO., LTD.; JIANGSU XINSHENGQI PLASTICS INDUSTRY TECHNOLOGY CO., LTD.	2024205776	UPL Limited
2024200161	Aristocrat Technologies, Inc.	2024205778	Zynerba Pharmaceuticals, Inc.
2024200205	Deere & Company	2024205779	Avent, Inc.
2024200290	Deere & Company	2024205781	Huang, G.
2024200292	Deere & Company	2024205782	STRYKER EUROPEAN OPERATIONS HOLDINGS LLC
2024200294	Deere & Company	2024205784	Huawei Technologies Co., Ltd.
2024200374	INOSYSTEMS	2024205785	Stryker Corporation
2024200378	MORSE MICRO PTY. LTD.	2024205786	Nokia Technologies Oy
2024200389	SAERTEX multiCom GmbH	2024205787	Guangdong Oppo Mobile Telecommunications Corp., Ltd.
2024200403	JETT GLOBAL HOLDINGS PTY LTD	2024205789	Eyepoint Pharmaceuticals, Inc.
2024200597	Illinois Tool Works Inc.	2024205790	Halliburton Energy Services, Inc.
2024200647	Aqua Yield Operations, Inc.	2024205791	PayPal, Inc.
2024200764	HONEYWELL INTERNATIONAL INC.	2024205795	Huawei Technologies Co., Ltd.
2024200772	SU, C.	2024205796	Abbott Diabetes Care Inc.
2024200807	Koch Technology Solutions UK Limited	2024205797	Apple Inc.
2024200808	PLUG POWER INC.	2024205799	CNC Components Pty Ltd
2024200843	Eaton Intelligent Power Limited	2024205802	W.M. Barr & Company, Inc.
2024200849	HEINE Optotechnik GmbH & Co. KG	2024205803	Jaan Biotherapeutics, LLC
2024200900	Boldan Oy	2024205804	Johnson & Johnson GmbH
2024200905	7-ELEVEN, INC.	2024205805	LG ELECTRONICS INC.
2024200906	7-ELEVEN, INC.	2024205806	Omnicell, Inc.
2024200907	7-ELEVEN, INC.	2024205807	Twilio Inc.
2024200908	7-ELEVEN, INC.	2024205808	MANSELL, J.
2024200919	7-ELEVEN, INC.	2024205810	Tranz Products Limited
2024200920	7-ELEVEN, INC.	2024205812	Eli Lilly and Company
2024200931	Toyota Jidosha Kabushiki Kaisha; Komatsu Ltd.	2024205816	Stryker Corporation
2024200955	Techtronic Cordless GP	2024205818	Agios Pharmaceuticals, Inc.
2024200967	Hysential Pty Ltd	2024205819	Memorial Sloan-Kettering Cancer Center
2024200976	Illinois Tool Works Inc.	2024205820	Pearl Therapeutics, Inc.
2024200980	Illinois Tool Works Inc.	2024205822	GE Aviation Systems LLC
2024201000	NRW Holdings Limited	2024205823	VID SCALE, Inc.
2024201020	Sap Products Limited	2024205827	Precigen, Inc.
2024201023	Surestyle Group Limited	2024205829	FUJIFILM Corporation; FUJIFILM Medical Systems USA, Inc.
2024201026	Adgero UK Ltd	2024205830	Implantica Patent Ltd
		2024205834	Elson, P.
		2024205836	Mumble By Design Pty Ltd

Applications Open to Public Inspection - Numerical Index cont'd

2024205837	Zhuhai Beihai Biotech Co., Ltd.
2024205838	Unilever Global IP Limited
2024205844	Huawei Technologies Co., Ltd.
2024205845	F. Hoffmann-La Roche AG; GENENTECH, INC.
2024205846	Johnson & Johnson Consumer Inc.
2024205847	Beyond 700 Pty Ltd
2024205849	Tencent America LLC
2024205850	GILEAD SCIENCES, INC.
2024205851	Dana-Farber Cancer Institute, Inc.
2024205852	TNBT Holdings Pty Limited
2024205853	Atriva Therapeutics GmbH
2024205854	Senecio Ltd.
2024205856	Kegspeed, LLC
2024205858	Axsome Therapeutics, Inc.
2024205866	CFPH, LLC
2024206914	CarryGenes Bioengineering
2024208793	Angel Group Co., Ltd.
2024208794	Geron Corporation
2024208796	ICSIP Pty Ltd
2024208798	FISHER & PAYKEL HEALTHCARE LIMITED
2024208801	CUTSFORTH, INC.
2024208802	Angel Group Co., Ltd.
2024208803	NOVOLUTO GmbH
2024208804	Weatherford Technology Holdings, LLC
2024208806	Duracell U.S. Operations, Inc.
2024208807	Asahi Group Foods, Ltd.; Asahi Group Holdings, Ltd.
2024208808	Pratt Retail Specialties, LLC
2024208811	Tau Motors, Inc.
2024208812	Cherry Constructions Pty. Ltd.
2024208813	IGT
2024208814	Danstar Ferment AG
2024210995	Valmont Industries, Inc.
2024210996	The Board of Trustees of the Leland Stanford Junior University
2024210998	Shaheen Innovations Holding Limited
2024210999	LG Electronics Inc.
2024211000	Strata Innovations Pty Limited
2024211001	Match Group, LLC
2024211002	LG Electronics Inc.
2024211003	Berstad, M.; Berg, K.; Engebråten, O.; Weyergang, A.
2024211004	Entera Bio Ltd.
2024211009	Nuritas Limited
2024211011	Qualcomm Incorporated
2024213104	Selecta Biosciences, Inc.
2024213107	The University of Akron
2024213108	Shaheen Innovations Holding Limited
2024213111	Designrex Group Pty Ltd
2024213114	MacDon Industries Ltd
2024213116	CleanSpace IP Pty Ltd

IPC Index

A01C 7 /- 2024200290 2024200292 2024200294	A47B 96 /- 2024205836	2024205772 2024205778 2024205818 2024205837 2024205845 2024205853 2024205858 2024208794 2024211004 2024213104	A61M 15 /- 2024205820 2024210998	A63F 5 /- 2023200966	B32B 15 /- 2024200389
A01D 34 /- 2024200955	A47C 23 /- 2023387759		A61M 16 /- 2024200374 2024200764 2024208798	A63F 9 /- 2024200161 2024208793 2024208802	B32B 27 /- 2024200389
A01D 41 /- 2024213114	A47C 27 /- 2023387759		A61N 1 /- 2024205830	B01D 15 /- 2024200807	B32B 5 /- 2024200389
A01D 43 /- 2024213114	A47F 1 /- 2024200905	A61K 33 /- 2023229536	A61P 19 /- 2024211004	B01D 53 /- 2023266221 2024205802	B60D 1 /- 2023201131
A01D 44 /- 2023278121	A47J 31 /- 2023200938 2024201044	A61K 35 /- 2024205230 2024205819 2024205827	A61P 25 /- 2024205858	B01F 23 /- 2024201044	B60L 53 /- 2024201094
A01D 57 /- 2024213114	A47J 37 /- 2023201969		A61P 27 /- 2024204092 2024205641	B01J 20 /- 2023266221	B60L 7 /- 2024201026
A01G 33 /- 2023278121	A47K 10 /- 2024200967	A61K 36 /- 2024205781	A61P 29 /- 2024205772	B05B 17 /- 2024210998	B60S 9 /- 2023201131
A01G 9 /- 2024200403	A61B 17 /- 2023210564 2024205782 2024205785 2024205816 2024205830	A61K 38 /- 2023229536 2024204092 2024205230 2024205789 2024205851 2024211004 2024211009	A61P 3 /- 2024205818	B05B 3 /- 2024210995	B60W 20 /- 2024201026
A01K 61 /- 2023278121	A61B 18 /- 2024205779	A61K 39 /- 2024204092 2024205230 2024205641 2024205749 2024205789 2024205827 2024205851 2024211003	A61P 31 /- 2024205781 2024205853	B09B 101 /- 2023201191	B60W 30 /- 2023263491
A01K 67 /- 2024204694 2024204892 2024205854	A61B 3 /- 2024205847		A61P 35 /- 2024205818 2024205851	B09B 3 /- 2023201191	B60W 40 /- 2024200931
A01N 25 /- 2024205776	A61B 34 /- 2024205779 2024205785	A61K 47 /- 2024205772 2024205837 2024208794	A61P 7 /- 2024205818	B23D 49 /- 2023254969	B60W 50 /- 2023263491
A01N 41 /- 2024205776	A61B 5 /- 2024200764 2024200849 2024205796		A61Q 15 /- 2024205838	B23D 51 /- 2023254969	B60W 60 /- 2023263491
A01N 43 /- 2024205776	A61B 30 /- 2024205808	A61K 48 /- 2024205641 2024205803 2024206914 2024213104	A62B 18 /- 2024213116	B23P 19 /- 2023201191	B62B 3 /- 2024201094 2024201305
A01N 63 /- 2024205230	A61B 90 /- 2024205785		A62B 27 /- 2024213116	B25B 27 /- 2024201000	B62B 5 /- 2024201094 2024201305
A23K 10 /- 2024208807	A61F 13 /- 2023210564 2024205804	A61K 51 /- 2024205789	A62B 7 /- 2024213116	B25B 5 /- 2024205836	B62B 7 /- 2024205769
A23K 20 /- 2024208807	A61F 15 /- 2023210564	A61K 8 /- 2024205838	A62B 9 /- 2024200764 2024213116	B25G 1 /- 2024200955	B62D 1 /- 2024205799
A23K 50 /- 2024208807	A61F 6 /- 2024205830	A61K 9 /- 2024205820 2024205837 2024211004 2024213104	A63B 69 /- 2023200967	B29B 17 /- 2023200938	B62D 55 /- 2024201000
A23L 27 /- 2024208807	A61H 19 /- 2024208803		A63F 1 /- 2024208802	B29L 31 /- 2023200938	B62J 9 /- 2024201158
A23L 5 /- 2024208807	A61H 9 /- 2024208803	A61L 2 /- 2024205808	A63F 11 /- 2024208793	B30B 1 /- 2023200938	B62K 19 /- 2024201158
A24B 15 /- 2024210998	A61J 15 /- 2024200772	A61M 11 /- 2024205820 2024205820 2024210998	A63F 13 /- 2024200161 2024201102	B30B 15 /- 2023200938	B63B 1 /- 2023278121
A24F 15 /- 2024200905	A61K 31 /- 2024204092 2024205501		A63F 3 /- 2024200161	B30B 9 /- 2023200938	B63B 32 /- 2023200967
A24F 40 /- 2024210998 2024213108			A63F 1 /- 2024200161	B31B 50 /- 2024205846	B63G 8 /- 2023278121
				B32B 1 /- 2024200389	B64D 1 /- 2024205854

Applications Open to Public Inspection - IPC Index cont'd

B65D 1/- 2023387770	C07C 273/- 2024205802	C12N 5/- 2024205607 2024205819 2024206914	E04D 13/- 2024201043	F25C 1/- 2024205805	G02F 1/- 2024200849
B65D 5/- 2024205762 2024205763 2024208808	C07D 239/- 2024205845	C12N 9/- 2024204892 2024205607 2024205695 2024205789 2024208814	E04H 4/- 2023203970	F25D 1/- 2024205822	G05B 13/- 2024200294
B65D 55/- 2024205846	C07D 267/- 2024205850	C12P 1/- 2024208807	E05B 1/- 2024205852	F25D 17/- 2024205805	G05D 1/- 2023263491
B65D 65/- 2023387770	C07D 317/- 2024205850	C12P 15/- 2024208814	E05B 15/- 2024205852	F25D 7/- 2024205822	G05F 1/- 2024200843
B65D 81/- 2024205762 2024205763 2024205802 2024208808	C07D 513/- 2024205818	C12P 19/- 2024208814	E05B 17/- 2024205852	G01B 11/- 2024205810	G06F 3/- 2024200908 2024205779
B65D 85/- 2023200938 2024200597	C07H 21/- 2024205204	C12Q 1/- 2024205827 2024208794	E05B 55/- 2024205852	G01B 7/- 2024200905	G06K 17/- 2024205856
B65G 49/- 2023201191	C07K 14/- 2024204694 2024205703 2024205749 2024205812 2024205827 2024211009	C22B 26/- 2024200807 2024208796	E05B 63/- 2024205852	G01C 21/- 2024200931	G06K 19/- 2024200907 2024200919 2024208793
B65H 65/- 2024205804	C07K 16/- 2024204092 2024205641 2024205789 2024205827 2024210996	C22B 3/- 2024200807 2024208796	E05B 9/- 2024205852	G01F 1/- 2023361982 2024200290	G06K 7/- 2024200908 2024205856 2024208793
B65H 69/- 2024205804	C08G 63/- 2023387770	C25B 1/- 2024200808	E21B 19/- 2024208804	G01F 15/- 2023361982	G06M 9/- 2024200905
B66D 1/- 2024201000	C08G 64/- 2023387770	C25B 9/- 2024200808	E21B 47/- 2024208804	G01F 17/- 2024205806	G06N 10/- 2023274250
B67D 1/- 2024201044	C08K 3/- 2024200976	E01C 23/- 2024200931	E21D 21/- 2023201006	G01H 1/- 2024200292	G06N 20/- 2023336074 2024200292 2024201102
B82Y 5/- 2024208794	C09D 5/- 2024200976	E01C 3/- 2024211000	F03B 13/- 2024201045	G01N 21/- 2024201145	G06N 3/- 2024201102
C01B 3/- 2024201046	C09D 7/- 2024200976	E01C 5/- 2024211000	F03B 17/- 2024201045	G01N 27/- 2024205796	G06Q 10/- 2024200905 2024200906 2024200908 2024205856
C01B 32/- 2023266221	C09K 8/- 2024205790	E02D 29/- 2023200962 2024205834	F16B 12/- 2024201023	G01N 29/- 2023361982	G06Q 20/- 2023336074 2024205791
C01D 15/- 2024208796	C11D 1/- 2024200976	E02D 5/- 2023200962	F16B 5/- 2024201023	G01N 3/- 2024205810	G06Q 30/- 2024213111
C01D 3/- 2024205802	C11D 3/- 2024200976	E02D 7/- 2023200962	F16L 55/- 2024200900	G01N 33/- 2024200764 2024205796 2024211003	G06Q 40/- 2024205866
C02F 1/- 2024201044	C12N 1/- 2024206914 2024208807 2024208814	E02F 3/- 2024200205	F16M 11/- 2024201020	G01R 13/- 2024200843	G06Q 50/- 2024200290 2024208793
C05G 3/- 2024200647	C12N 15/- 2024204892 2024205204 2024205607 2024205641 2024205703 2024205789 2024205803 2024206914	E04B 2/- 2024205836	F16M 13/- 2024201020	G01R 19/- 2024200843	G06T 11/- 2023285707
C05G 5/- 2024200647		E04C 3/- 2024208812	F21S 2/- 2022263493	G01R 31/- 2024200843 2024200920 2024213107	G06T 13/- 2024201102
C07B 63/- 2023266221			F21S 9/- 2022263493	G01V 9/- 2024200290 2024200292	G06T 17/- 2024205823
C07C 205/- 2024205850			F21V 17/- 2023208116	G02B 17/- 2024201145	
C07C 217/- 2024205850			F25B 15/- 2024201046	G02B 6/- 2023203765	
C07C 255/- 2024205850			F25B 19/- 2024205822		
			F25B 27/- 2024201046		

Applications Open to Public Inspection - IPC Index cont'd

<u>G06T 19 /-</u> 2024201102	<u>H02J 7 /-</u> 2023270276 2024201094	<u>H05K 7 /-</u> 2024205822
<u>G06T 7 /-</u> 2024205806	<u>H02K 1 /-</u> 2024208811	No IPC Mark
<u>G06V 10 /-</u> 2023285707 2023336074	<u>H02K 99 /-</u> 2022263493	
<u>G06V 20 /-</u> 2023285707	<u>H02S 20 /-</u> 2022263493	
<u>G07D 9 /-</u> 2024208793	<u>H02S 30 /-</u> 2022263493	
<u>G07F 17 /-</u> 2024205770 2024205771 2024208813	<u>H02S 40 /-</u> 2023201191	
<u>G07G 1 /-</u> 2024205791	<u>H04B 10 /-</u> 2024201145	
<u>G08B 1 /-</u> 2024211001	<u>H04B 7 /-</u> 2024200378	
<u>G08B 13 /-</u> 2024200906	<u>H04L 12 /-</u> 2024200378	
<u>G16H 15 /-</u> 2024205829	<u>H04L 45 /-</u> 2024205807	
<u>G16H 20 /-</u> 2024205797	<u>H04L 5 /-</u> 2023361987 2024205844 2024211011	
<u>G16H 30 /-</u> 2024205829	<u>H04N 19 /-</u> 2024205764 2024205787 2024205849 2024210999 2024211002	
<u>H01B 1 /-</u> 2023201006	<u>H04W 24 /-</u> 2024200378 2024205786 2024205795	
<u>H01B 7 /-</u> 2023201006	<u>H04W 4 /-</u> 2024211001	
<u>H01L 31 /-</u> 2023201191 2023210662 2023387749	<u>H04W 52 /-</u> 2024200378	
<u>H01M 10 /-</u> 2024205822	<u>H04W 56 /-</u> 2023361987	
<u>H01M 4 /-</u> 2024208796	<u>H04W 64 /-</u> 2024211001	
<u>H01M 50 /-</u> 2024208806	<u>H04W 72 /-</u> 2023361987 2024200378	
<u>H01M 8 /-</u> 2024200808	<u>H04W 74 /-</u> 2024200378 2024205784	
<u>H01R 13 /-</u> 2024201020	<u>H04W 8 /-</u> 2024205844	
<u>H01R 39 /-</u> 2024208801	<u>H04W 88 /-</u> 2024200378	
<u>H01R 43 /-</u> 2024208801		
<u>H02J 13 /-</u> 2024200843		

PCT applications which have entered the National Phase

Name Index

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

<p>(71) "BARLINEK" SPÓŁKA AKCYJNA (11) AU-A-2023422810 (21) 2023422810 (22) 28.08.2023 (54) SET OF FLOOR PANELS (51) Int. Cl. E04F 15/02 (2006.01) E04F 15/04 (2006.01) E04F 15/10 (2006.01) (87) WO2024/150042 (31) PL443457 (32) 11.01.23 (33) PL (43) 18.07.2024 (72) GUTKOWSKI, Paweł; KONSTAŃCZAK, Marek; ŁASAK, Grzegorz (74) Madderns Pty Ltd</p>	<p>AMOUNT OF UBIQUITIN CARBOXY-TERMINAL HYDROLASE L1 AND/OR GLIAL FIBRILLARY ACIDIC PROTEIN IN A SAMPLE (51) Int. Cl. G01N 33/543 (2006.01) G01N 33/68 (2006.01) (87) WO2023/150652 (31) 63/306,788 (32) 04.02.22 (33) US 63/435,834 29.12.22 US 63/482,808 02.02.23 US (43) 10.08.2023 (72) BECNEL, Jamie; DATWYLER, Saul; HUTH, Stacey Pazar; MCQUISTON, Beth; GARRITY, Jackie; MCCORMICK, Evan (74) FPA Patent Attorneys Pty Ltd</p>	<p>(21) 2023293953 (22) 14.06.2023 (54) AERONAUTIC GROUND LIGHT FIXTURE WITH RF ANTENNA (51) Int. Cl. H01Q 1/22 (2006.01) B64F 1/20 (2006.01) H01Q 1/44 (2006.01) H01Q 9/04 (2006.01) H05B 47/19 (2020.01) (87) WO2023/242294 (31) 22179305.2 (32) 15.06.22 (33) EP (43) 21.12.2023 (72) DE VOS, Chris; JELU, André; LE ROUX, Martin (74) Spruson & Ferguson</p>
<p>(71) 2508 BIOSCIENCES LLC (11) AU-A-2023227803 (21) 2023227803 (22) 02.03.2023 (54) COMPOSITIONS AND METHODS TO PROMOTE BRAIN HEALTH (51) Int. Cl. A61K 31/194 (2006.01) A61K 31/185 (2006.01) A61K 47/10 (2017.01) A23L 33/17 (2016.01) (87) WO2023/167989 (31) 63/316,845 (32) 04.03.22 (33) US (43) 07.09.2023 (72) OLIVER, Emily (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd</p>	<p>(71) ABIOMED EUROPE GMBH (11) AU-A-2023235390 (21) 2023235390 (22) 15.03.2023 (54) SYSTEM FOR TRACKING REAL-TIME POSITIONS OF A MOVABLE SENSOR WITHIN A PATIENT'S BODY (51) Int. Cl. A61B 34/20 (2016.01) A61B 5/06 (2006.01) A61M 60/13 (2021.01) A61M 60/237 (2021.01) A61M 60/816 (2021.01) A61M 60/867 (2021.01) A61B 34/10 (2016.01) (87) WO2023/174967 (31) 22162195.6 (32) 15.03.22 (33) EP (43) 21.09.2023 (72) LUNZE, Katrin (74) Davies Collison Cave Pty Ltd</p>	<p>(71) AFT PHARMACEUTICALS LTD (11) AU-A-2023230563 (21) 2023230563 (22) 23.02.2023 (54) MEDICATION (51) Int. Cl. A61K 31/4174 (2006.01) A61K 31/167 (2006.01) A61K 31/192 (2006.01) A61P 29/00 (2006.01) A61P 43/00 (2006.01) (87) WO2023/172148 (31) 2022201576 (32) 08.03.22 (33) AU (43) 14.09.2023 (72) ATKINSON, Hartley (74) AJ Pietras IP Limited</p>
<p>(71) A2 BIOTHERAPEUTICS, INC. (11) AU-A-2023213691 (21) 2023213691 (22) 27.01.2023 (54) COMPOSITIONS AND METHODS FOR TREATING MESOTHELIN POSITIVE CANCERS (51) Int. Cl. C12N 5/00 (2006.01) A61K 35/17 (2015.01) A61P 35/00 (2006.01) C07K 16/28 (2006.01) C07K 16/30 (2006.01) (87) WO2023/147019 (31) 63/304,409 (32) 28.01.22 (33) US (43) 03.08.2023 (72) KAMB, Carl, Alexander; HAMBURGER, Agnes, E.; TOKATLIAN, Talar; ASUE-LIME, Grace, E.; WARSHAVIAK, Dora, Toledo (74) Davies Collison Cave Pty Ltd</p>	<p>(71) ABSCI CORPORATION (11) AU-A-2023219177 (21) 2023219177 (22) 09.02.2023 (54) UNLOCKING DE NOVO ANTIBODY DESIGN WITH GENERATIVE ARTIFICIAL INTELLIGENCE (51) Int. Cl. G16B 20/30 (2019.01) G06F 16/2457 (2019.01) G06K 19/06 (2006.01) G06N 3/045 (2023.01) G06N 20/00 (2019.01) G16B 15/20 (2019.01) (87) WO2023/154829 (31) 63/308,495 (32) 09.02.22 (33) US 63/478,933 07.01.23 US (43) 17.08.2023 (72) MEIER, Joshua; HANNUM, Gregory; MCCLAIN, Sean (74) WRAYS PTY LTD</p>	<p>(71) AI21 LABS (11) AU-A-2023252814 (21) 2023252814 (22) 11.04.2023 (54) MODULAR REASONING, KNOWLEDGE, AND LANGUAGE SYSTEMS (51) Int. Cl. G06F 40/20 (2020.01) G06F 40/30 (2020.01) (87) WO2023/200762 (31) 63/330,015 (32) 12.04.22 (33) US (43) 19.10.2023 (72) RATNER, Nir; DALMEDIGOS, Itay; ZELDES, Yoel; SHACHAF, Gal; JANNAI-EPSTEIN, Daniel; MUHLGAY, Dor; ROZEN, Noam; KARPAS, Ehud; SHALEV-SHWARTZ, Shai; LEVINE, Yoav; LENZ, Barak; SHOHAM, Yoav; LIEBER, Opher; SHASHUA, Amnon; LEYTON-BROWN, Kevin; SCHWARTZ, Erez; BATA, Hofit; RAM, Ori (74) RnB IP Pty Ltd</p>
<p>(71) ABBOTT LABORATORIES (11) AU-A-2023216317 (21) 2023216317 (22) 03.02.2023 (54) LATERAL FLOW METHODS, ASSAYS, AND DEVICES FOR DETECTING THE PRESENCE OR MEASURING THE</p>	<p>(71) ADB SAFEGATE BV (11) AU-A-2023293953</p>	<p>(71) AIHOL CORPORATION (11) AU-A-2023320526 (21) 2023320526 (22) 04.08.2023 (54) HYALURONAN-NIMESULIDE CONJUGATE FOR TREATING LOCALLY ADVANCED OR METASTATIC TUMORS</p>

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A61K 31/63 (2006.01)
A61K 31/635 (2006.01)
A61P 35/00 (2006.01)
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(74) LAMINAR IP PTY LTD
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A61K 9/00 (2006.01)
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A61K 31/00 (2006.01)
A61K 47/44 (2017.01)
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(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
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- (51) Int. Cl.
C01D 15/02 (2006.01)
C01D 15/04 (2006.01)
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A61F 9/008 (2006.01)
A61B 3/10 (2006.01)
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F04B 43/12 (2006.01)
A61M 5/14 (2006.01)
F04B 53/22 (2006.01)
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C07K 14/495 (2006.01)
A61P 35/00 (2006.01)
C07K 14/705 (2006.01)
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(54) OPTIMIZED TRANSFECTION PROTOCOL
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C07K 16/00 (2006.01)
C12N 5/071 (2010.01)
C12N 5/10 (2006.01)
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C07K 16/28 (2006.01)
A61P 35/00 (2006.01)
C07K 16/30 (2006.01)
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F24H 1/20 (2022.01)
F24H 9/1818 (2022.01)
F24H 9/20 (2022.01)
H02M 3/137 (2006.01)
H02M 3/156 (2006.01)
H02S 10/20 (2014.01)
H02S 40/32 (2014.01)
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(72) MATAN, Stefan
(74) FPA Patent Attorneys Pty Ltd
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(54) METHODS FOR TREATING MYOSITIS USING FCRN ANTAGONISTS
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A61P 21/00 (2006.01)
A61K 39/395 (2006.01)
C07K 16/28 (2006.01)
A61K 39/00 (2006.01)
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(21) 2023210692 (22) 25.01.2023
(54) SYSTEM AND METHOD FOR DISABILITY ASSESSMENT AND MANAGEMENT
- (51) Int. Cl.
G06Q 10/105 (2023.01)
G06Q 10/0637 (2023.01)
- (87) WO2023/141704
(31) 63/302,708 (32) 25.01.22 (33) US
(43) 03.08.2023
(72) CHAN-NICHOLSON, Yvonne
(74) PHILLIPS ORMONDE FITZPATRICK
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(11) AU-A-2022440631
(21) 2022440631 (22) 15.02.2022
(54) BICYCLE PLATFORM
- (51) Int. Cl.
B62M 3/08 (2006.01)
A43B 5/14 (2006.01)
- (87) WO2023/154974

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 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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 (21) 2023229018 (22) 02.03.2023
 (54) METHOD OF EXTRACTING 5-CHLOROMETHYLFURFURAL WITH AN ORGANIC SOLVENT FROM CELLULOSIC FIBERS AND MAN-MADE NON-CELLULOSIC FIBERS HYDROLYSED TOGETHER WITH HYDROCHLORIC ACID
 (51) Int. Cl.
D06M 13/00 (2006.01)
B29B 17/02 (2006.01)
C07D 307/48 (2006.01)
C07D 307/50 (2006.01)
C08J 11/06 (2006.01)
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 (21) 2023223647 (22) 22.02.2023
 (54) WELL INTERVENTION TOOL AND METHOD FOR CLEARING TUBES AND LINES
 (51) Int. Cl.
E21B 29/04 (2006.01)
E21B 31/18 (2006.01)
 (87) WO2023/161820
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 (74) AUSTRALASIA IP PTY LTD
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- (71) BAKER HUGHES ENERGY TECHNOLOGY UK LIMITED
 (11) AU-A-2023217822
 (21) 2023217822 (22) 03.02.2023
 (54) SUBSEA HEAT BANK WITH PCM HEAT STORING MEMBER
 (51) Int. Cl.
E21B 36/00 (2006.01)
F16L 59/14 (2006.01)
F28D 20/02 (2006.01)
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 (72) ANTEL, William, Joseph; GHARAIBAH, Emad
 (74) Patent Attorney Services
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- (71) BAKER HUGHES OILFIELD OPERATIONS LLC
 (11) AU-A-2023219521
- (21) 2023219521 (22) 08.02.2023
 (54) OBJECT CARRIER, TOOL, METHOD, AND SYSTEM
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E21B 34/14 (2006.01)
E21B 23/04 (2006.01)
E21B 29/08 (2006.01)
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 (72) ALEXANDER, David; DAHLBERG, Knut Inge; HAGEN, Eivind
 (74) Patent Attorney Services
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- (71) BARIATEK MEDICAL
 (11) AU-A-2023230271
 (21) 2023230271 (22) 10.03.2023
 (54) DELIVERY SYSTEM FOR GASTRO-INTESTINAL IMPLANT
 (51) Int. Cl.
A61F 5/00 (2006.01)
A61F 2/95 (2013.01)
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 (74) Davies Collision Cave Pty Ltd
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- (71) BARNET PRODUCTS LLC
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 (21) 2023219519 (22) 08.02.2023
 (54) HAIR PROTECTION AND REPAIR COMPOSITION
 (51) Int. Cl.
A61K 8/92 (2006.01)
A61Q 5/00 (2006.01)
A61Q 19/10 (2006.01)
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 (72) SMITH, Walter
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 (11) AU-A-2023228341
 (21) 2023228341 (22) 02.03.2023
 (54) NEW COMPOUNDS AND TREATMENT OF RENAL CELL CARCINOMA
 (51) Int. Cl.
A61K 31/506 (2006.01)
A61K 31/4045 (2006.01)
A61K 31/505 (2006.01)
A61K 31/5377 (2006.01)
A61K 31/585 (2006.01)
A61K 45/06 (2006.01)
A61P 35/00 (2006.01)
C07D 239/48 (2006.01)
C07D 401/12 (2006.01)
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C07D 417/14 (2006.01)
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 (54) WEARABLE HEADS-UP DISPLAY ("HUD") FOR A PHARMACY WORKFLOW MANAGEMENT SYSTEM
 (51) Int. Cl.
G16H 20/10 (2018.01)
G05B 19/418 (2006.01)
G06Q 10/06 (2023.01)
G06Q 10/0633 (2023.01)
G06Q 10/08 (2023.01)
G06Q 10/087 (2023.01)
G06Q 10/101 (2023.01)
G09B 5/02 (2006.01)
G09B 19/00 (2006.01)
G16H 40/63 (2018.01)
G16H 80/00 (2018.01)
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 (74) K&L Gates
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 (54) VIOLET EXCITABLE TANDEM DYES, AND METHODS FOR MAKING AND USING THE SAME
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C09B 69/10 (2006.01)
G01N 33/58 (2006.01)
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 (74) FB Rice Pty Ltd
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 (54) AUTOMATIC INJECTION DEVICE
 (51) Int. Cl.
A61M 5/20 (2006.01)
A61M 5/315 (2006.01)
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B65G 1/04 (2006.01)
B65G 47/90 (2006.01)
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 (21) 2022443619 (22) 08.11.2022
 (54) OBJECT CARRYING DEVICE, TRANSPORT ROBOT, WAREHOUSING SYSTEM AND GOODS SHELF
 (51) Int. Cl.
B65G 1/00 (2006.01)
A47F 5/00 (2006.01)
B25J 5/00 (2006.01)
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 (74) LexGeneris Pty Ltd
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G06F 3/04883 (2022.01)
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G07C 5/00 (2006.01)
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H04L 67/12 (2022.01)
H04L 67/125 (2022.01)
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 (72) TANGEN, Åge; MYHRER, Christoffer; SUNDVOLL, Henning
 (74) Madderns Pty Ltd
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A61M 11/00 (2006.01)
A61M 15/00 (2006.01)
A61M 15/08 (2006.01)
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B65G 65/00 (2006.01)
B65G 47/96 (2006.01)
B65G 69/16 (2006.01)
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 (54) CONSTRUCTION METHOD FOR MODEL FOR ANALYZING VARIATION DETECTION RESULT
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G16B 20/20 (2019.01)
C12Q 1/6858 (2018.01)
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 (54) CANCER TREATMENT WITH A CONDITIONALLY ACTIVE ANTI-ROR2 ANTIBODY-DRUG CONJUGATE
 (51) Int. Cl.
C07K 16/28 (2006.01)
A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
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 (51) Int. Cl.
A01N 25/12 (2006.01)
A01G 13/02 (2006.01)
A01N 35/02 (2006.01)
A01N 43/90 (2006.01)
A01N 65/28 (2009.01)
A01P 3/00 (2006.01)
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 A61J 1/05 (2006.01)
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 A61K 9/08 (2006.01)
 A61K 31/496 (2006.01)
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A01N 43/90 (2006.01)
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 A61K 47/68 (2017.01)
 A61P 35/00 (2006.01)
 C07D 223/16 (2006.01)
 C07D 401/12 (2006.01)
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 C07H 15/203 (2006.01)
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 A61F 2/26 (2006.01)
 A61M 5/142 (2006.01)
 A61M 5/145 (2006.01)
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 A01K 67/033 (2006.01)
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 D07B 1/18 (2006.01)
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 A61F 2/95 (2013.01)
 A61F 2/24 (2006.01)
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 A01H 1/00 (2006.01)
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 E02F 9/20 (2006.01)
 G05B 17/02 (2006.01)
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 B60M 1/28 (2006.01)
 B60L 5/22 (2006.01)
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 G01R 31/327 (2006.01)
 H01H 1/00 (2006.01)
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A61N 1/39 (2006.01)
A61B 5/00 (2006.01)
A61B 5/0531 (2021.01)
A61B 5/346 (2021.01)
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(51) Int. Cl.
B01D 53/02 (2006.01)
B01D 53/047 (2006.01)
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C07D 405/14 (2006.01)
A61K 31/4439 (2006.01)
A61K 31/444 (2006.01)
A61K 31/4545 (2006.01)
A61K 31/496 (2006.01)
A61K 31/497 (2006.01)
A61P 3/10 (2006.01)
C07D 413/14 (2006.01)
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C10M 121/04 (2006.01)
C10N 20/06 (2006.01)
C10N 30/00 (2006.01)
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C10N 70/00 (2006.01)
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A61K 31/4545 (2006.01)
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A61P 1/14 (2006.01)
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A61K 39/395 (2006.01)
A61P 1/00 (2006.01)
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B01D 69/08 (2006.01)
B01D 71/00 (2006.01)
C01B 23/00 (2006.01)
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C10G 1/00 (2006.01)
B01J 27/051 (2006.01)
B01J 35/27 (2024.01)
C10G 1/06 (2006.01)
C10G 1/08 (2006.01)
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A61K 31/135 (2006.01)
A61K 31/164 (2006.01)
A61P 25/30 (2006.01)
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H01L 31/0749 (2012.01)
H01L 31/032 (2006.01)
H01L 31/0392 (2006.01)
H01L 31/0445 (2014.01)
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A61K 48/00 (2006.01)
C07K 14/47 (2006.01)
C12N 15/86 (2006.01)
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A23L 29/20 (2016.01)
A23L 9/00 (2016.01)
A23L 29/206 (2016.01)
A23L 29/212 (2016.01)
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(54) SYSTEMS AND METHODS FOR OBJECT DETECTION
(51) Int. Cl.
G01S 13/86 (2006.01)
B66F 9/00 (2006.01)
G01S 13/931 (2020.01)
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G05D 1/243 (2024.01)
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C07K 14/715 (2006.01)
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C07K 16/28 (2006.01)
C12N 5/0789 (2010.01)
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G06T 7/12 (2017.01)
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F42C 11/00 (2006.01)
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C09K 23/42 (2022.01)
A61K 8/06 (2006.01)
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A61Q 19/00 (2006.01)
B01F 23/41 (2022.01)
C07C 9/22 (2006.01)
C09K 23/38 (2022.01)
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G06F 40/20 (2020.01)
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G06N 3/042 (2023.01)
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A61K 31/713 (2006.01)
A61P 37/02 (2006.01)
A61K 35/12 (2015.01)
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G06Q 20/38 (2012.01)
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C12N 5/076 (2010.01)
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A61K 9/127 (2006.01)
A61K 31/47 (2006.01)
A61K 47/02 (2006.01)
A61K 47/12 (2006.01)
A61K 47/14 (2017.01)
A61K 47/24 (2006.01)
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A61P 35/00 (2006.01)
C07D 215/48 (2006.01)
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H04W 4/50 (2018.01)
H04L 12/28 (2006.01)
H04W 4/80 (2018.01)
H04W 12/50 (2021.01)
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C12N 9/12 (2006.01)
C12Q 1/6806 (2018.01)
C12Q 1/6834 (2018.01)
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G06N 3/02 (2006.01)
H04W 4/02 (2018.01)
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THEREFOR
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A61M 5/142 (2006.01)
A61M 5/168 (2006.01)
B65B 3/04 (2006.01)
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C07K 16/36 (2006.01)
A61K 47/68 (2017.01)
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LLC; SHAFER, T.W.; RHYS-DAVIES,
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(21) 2023246859 (22) 30.03.2023
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C07K 16/22 (2006.01)
A61K 39/395 (2006.01)
A61P 21/06 (2006.01)
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(54) A CONNECTOR
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A61M 16/08 (2006.01)
A61M 16/04 (2006.01)
A61M 16/06 (2006.01)
A61M 16/10 (2006.01)
A61M 16/16 (2006.01)
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(43) 10.08.2023
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Katie-Ann Jane; POWELL, Kevin Blake
- (74) Catalyst Intellectual Property
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(54) PPARG INVERSE AGONISTS AND
USES THEREOF
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C07D 215/233 (2006.01)
A61K 31/47 (2006.01)
A61K 31/4709 (2006.01)
A61P 35/00 (2006.01)
C07D 403/12 (2006.01)
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(51) Int. Cl.
A61P 35/00 (2006.01)
A61K 31/16 (2006.01)
C07C 317/44 (2006.01)
C07C 323/62 (2006.01)
C07D 209/46 (2006.01)
C07D 213/40 (2006.01)
C07D 213/75 (2006.01)
C07D 213/84 (2006.01)
C07D 217/22 (2006.01)
C07D 231/12 (2006.01)
C07D 471/04 (2006.01)
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(72) WILSON, Jonathan, E.
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(21) 2023216182 (22) 06.02.2023
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C02F 1/44 (2023.01)
B01D 61/06 (2006.01)
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A61K 38/45 (2006.01)
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A01K 1/015 (2006.01)
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B32B 3/02 (2006.01)
- B32B 5/00 (2006.01)
A01K 1/035 (2006.01)
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A43B 7/1463 (2022.01)
A43B 13/14 (2006.01)
A43B 17/00 (2006.01)
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(74) Michael Buck IP
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G06Q 10/0631 (2023.01)
G06Q 50/12 (2012.01)
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(21) 2022443573 (22) 23.02.2022
(54) (POLY)ESTER AND (POLY)AMIDE COMPOSITIONS, METHOD FOR MODIFYING (POLY)ESTERS OR (POLY)AMIDES AND CATALYST THEREFOR
(51) Int. Cl.
C08J 11/28 (2006.01)
B01J 31/06 (2006.01)
C08F 120/34 (2006.01)
C08F 220/34 (2006.01)
C08G 63/91 (2006.01)
C08G 69/48 (2006.01)
C08L 67/00 (2006.01)
C08L 77/00 (2006.01)
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E05D 7/04 (2006.01)
E05D 7/081 (2006.01)
E05D 7/10 (2006.01)
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(74) PHILLIPS ORMONDE FITZPATRICK
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(54) AIR CONDITIONER
(51) Int. Cl.
F25B 1/00 (2006.01)
F25B 1/10 (2006.01)
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(72) HIRANO, Hirofumi; HIROSAKI, Yu
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(21) 2023242980 (22) 24.03.2023
(54) INDOOR UNIT FOR AIR CONDITIONER
(51) Int. Cl.
F24F 1/0063 (2019.01)
F24F 1/0059 (2019.01)
F24F 13/08 (2006.01)
F25B 39/00 (2006.01)
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(51) Int. Cl.
G01F 1/66 (2022.01)
G01F 15/18 (2006.01)
G01N 29/02 (2006.01)
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 chiara; BENASSI, Massimiliano
 (74) Michael Buck IP

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 (51) Int. Cl.
A61K 31/517 (2006.01)
A61K 31/553 (2006.01)
A61P 35/00 (2006.01)
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 (43) 12.10.2023
 (72) MERCHANT, Mark Andrew; SCHUTZ-
 MAN, Jennifer Lee; SHI, Zhen; SONG,
 Chunyan; DHARIA, Neekesh Vijay;
 JOO, Stephanie Royer
 (74) Griffith Hack

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 (21) 2022439083 (22) 02.02.2022
 (54) CONDOM HOLDER
 (51) Int. Cl.
A61F 6/04 (2006.01)
 (87) WO2023/149813
 (43) 10.08.2023
 (72) GERASIMENKO, Vadim Mihajlovich
 (74) Remarkable IP

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 (54) CONDOM PACKAGE
 (51) Int. Cl.
A61F 6/04 (2006.01)
B65D 65/24 (2006.01)
B65D 65/28 (2006.01)
B65D 67/02 (2006.01)
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 (54) A PROCESS FOR THE PREPARA-
 TION OF CARTAP HYDROCHLORIDE
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C07C 333/04 (2006.01)
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 (72) SHENOY, Diwakar K; SHET, Laxmin-
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 KALASAPUR, Vinay V
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 (54) A PROCESS FOR THE PREPAR-
 ATION OF NITRILE HERBICIDES,
 THEIR ESTERS AND SALTS
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C07C 255/53 (2006.01)
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 Pragnesh Dalpatram; A, KALIRAJAN;
 KHAMKAR, Rahul Harishchandra;
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 MUKH, Prashant Arun
 (74) Adams Pluck

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 (21) 2023229265 (22) 02.03.2023
 (54) FLARE GAS CAPTURE AND PRO-
 CESSING
 (51) Int. Cl.
B01D 53/22 (2006.01)
C10L 3/10 (2006.01)
 (87) WO2023/167992
 (31) 22159991.3 (32) 03.03.22 (33) EP
 (43) 07.09.2023
 (72) SAIDANI, Nizar; VINGELVEN, Geir
 (74) Griffith Hack

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 TIONAL, LLC
 (11) AU-A-2023236010
 (21) 2023236010 (22) 14.03.2023
 (54) TRAYS FOR FOOD PRODUCTS AND
 RELATED SYSTEMS AND METHODS
 (51) Int. Cl.
B65D 1/26 (2006.01)
B31B 70/02 (2017.01)
B31B 70/26 (2017.01)
B65D 6/34 (2006.01)
B65D 21/02 (2006.01)
B31B 170/20 (2017.01)
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 (72) JACKSON, Kate; SKIPPER, Jamie;
 HITHERSAY, Elliot
 (74) PHILLIPS ORMONDE FITZPATRICK

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 TIONAL, LLC
 (11) AU-A-2023241611
 (21) 2023241611 (22) 28.03.2023
 (54) CARTON WITH OPENING FEATURES
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B65D 5/72 (2006.01)
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 (72) WADDINGTON, Paul
 (74) PHILLIPS ORMONDE FITZPATRICK

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 TIONAL, LLC
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 (54) CARRIER FOR CONTAINERS
 (51) Int. Cl.
B65D 71/44 (2006.01)
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 (72) SPIVEY, SR., Raymond, R.; FORD,
 Colin, P.; THOMPSON, Jon
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 (21) 2023220801 (22) 16.02.2023
 (54) METHOD OF ELECTRIC CURRENT
 MEASUREMENT IN ELECTROLYSER
 STACK AND ELECTROLYSER
 (51) Int. Cl.
C25B 1/04 (2021.01)
C25B 9/75 (2021.01)
C25B 9/77 (2021.01)
C25B 15/025 (2021.01)
G01N 27/74 (2006.01)
G01R 15/14 (2006.01)
G01R 19/00 (2006.01)
 (87) WO2023/156551
 (31) PA202200133 (32) 17.02.22 (33) DK
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 (72) SØRENSEN, Christian Buhl;
 FÜCHTBAUER, Henrik Gøbel;
 SCHULTZ-FALK, Vickie; RASMUSSEN,
 Anders Rønne
 (74) Spruson & Ferguson

(71) GREENWICH LIFESCIENCES, INC.
 (11) AU-A-2023231568
 (21) 2023231568 (22) 08.03.2023
 (54) METHODS FOR REVERSING A SUP-
 PRESSED IMMUNE STATE TO IN-
 CREASE SURVIVAL IN A SUBJECT
 (51) Int. Cl.
A61K 38/08 (2019.01)
A61K 38/19 (2006.01)
A61P 35/00 (2006.01)
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 (31) 63/317,601 (32) 08.03.22 (33) US
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 (43) 14.09.2023
 (72) PATEL, Snehal S.; THOMPSON, Jaye
 (74) RNB IP PTY LTD

(71) GTS DEUTSCHLAND GMBH
 (11) AU-A-2023224332
 (21) 2023224332 (22) 21.02.2023
 (54) AXLE COUNTING METHOD AND
 AXLE COUNTING SYSTEM
 (51) Int. Cl.
G01V 3/10 (2006.01)
B61L 1/08 (2006.01)
B61L 1/10 (2006.01)
B61L 1/16 (2006.01)

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(74) Davies Collison Cave Pty Ltd

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(54) RESETTABLE TELESCOPING PLUG RETRIEVING TOOL

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E21B 34/14 (2006.01)
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(54) DOWNHOLE DEVICE EMPLOYING A RADIAL AND AXIAL RETENTION MECHANISM

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E21B 33/08 (2006.01)
E21B 17/00 (2006.01)
E21B 17/02 (2006.01)
E21B 17/10 (2006.01)
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(43) 09.11.2023
(72) MCLEARY, Gordon; KUO, Nicholas A.; MCCARTHY, Finn
(74) PHILLIPS ORMONDE FITZPATRICK

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(54) METHOD TO TAILOR CEMENT COMPOSITION TO WITHSTAND CARBON DIOXIDE INJECTION LOADS

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E21B 43/16 (2006.01)
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(54) MRNA CAP ANALOG AND USES THEREOF

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C07H 21/04 (2006.01)
A61K 31/7105 (2006.01)
C07H 1/00 (2006.01)
C07H 21/02 (2006.01)
C12N 15/11 (2006.01)
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(31) 10-2022-0040464 **(32)** 31.03.22 **(33)** KR
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(72) KIM, Na Ri; CHOI, Bo Sung; NOH, Jin Mi; MIN, Su Hyeon; JUNG, Yong Gyu
(74) Griffith Hack

(71) HANSHOW TECHNOLOGY CO., LTD.
(11) AU-A-2023336074
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(54) PRODUCT RECOGNITION APPARATUS AND METHOD
(51) Int. Cl.
G06V 10/82 (2022.01)
G06N 20/00 (2019.01)
G06Q 20/20 (2012.01)
(43) 05.09.2024
(72) HUANG, Sheng; ZHUANG, Yitang; HOU, Shiguo; SHEN, Ming
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(71) HARIHARAN, N.; COOK, I.; TATE, M.J.; GRAYMONT (NZ) LIMITED
(11) AU-A-2023221731
(21) 2023221731 **(22)** 15.02.2023
(54) PRILLED LIME COMPOSITIONS, AND ASSOCIATED SYSTEMS AND METHODS
(51) Int. Cl.
C09K 17/06 (2006.01)
A01G 24/10 (2018.01)
C09K 17/40 (2006.01)
C09K 101/00 (2006.01)
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(72) HARIHARAN, Narain; COOK, Ian; TATE, Michael John
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(21) 2022444278 **(22)** 01.03.2022
(54) A METHOD OF DETECTION OF A LANDMARK IN A VOLUME OF MEDICAL IMAGES
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G06T 7/70 (2017.01)
(87) WO2023/166330
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(72) KONOPCZYŃSKI, Tomasz; RYGIEL, Patryk; GAJOWCZYK, Miłosz; GRÓDEK, Piotr; MOROZ, Łukasz; CUPIAŁ, Bartłomiej
(74) Adams Pluck

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(11) AU-A-2023220861

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(54) SMART COMPOSITE PRESSURE VESSEL
(51) Int. Cl.
G01F 23/263 (2022.01)
F17C 1/00 (2006.01)
F17C 13/02 (2006.01)
G01F 23/80 (2022.01)
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(72) JENSRUD, Vegard; ANMARKRUD, Thomas; BJØRNERUD, Rune André; BRATENG, Marius
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(11) AU-A-2023219691
(21) 2023219691 **(22)** 07.02.2023
(54) CATHETER DEVICE WITH SENSOR
(51) Int. Cl.
A61B 5/20 (2006.01)
A61B 5/00 (2006.01)
A61M 25/00 (2006.01)
(87) WO2023/154700
(31) 63/308,594 **(32)** 10.02.22 **(33)** US
(43) 17.08.2023
(72) FARRELL, David, J.; PANESAR, Satwinder, S.; HORKAN, Carlos; SILEIKA, Tadas, S.; DEAN, Nicole, L.; MURNAGHAN, Kevin; STASIAK, Sandra; KEYES, Niamh
(74) Spruson & Ferguson

(71) HOLLISTER INCORPORATED
(11) AU-A-2023221395
(21) 2023221395 **(22)** 16.02.2023
(54) CUSTOMIZED URINARY CATHETERS AND METHODS OF MAKING
(51) Int. Cl.
B33Y 50/00 (2015.01)
A61M 25/00 (2006.01)
B33Y 80/00 (2015.01)
(87) WO2023/159130
(31) 63/311,297 **(32)** 17.02.22 **(33)** US
(43) 24.08.2023
(72) MURRAY, Michael, G.; FARRELL, David, J.; NAUGHTON, Vincent; MURNAGHAN, Kevin
(74) Spruson & Ferguson

(71) HOMER, V.M.
(11) AU-A-2022441295
(21) 2022441295 **(22)** 18.02.2022
(54) MEANS AND METHOD FOR REDUCING LOWER BODY EXTREMITY INJURIES
(51) Int. Cl.
G16H 50/20 (2018.01)
G16H 20/30 (2018.01)
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(71) HORTON, INC.
(11) AU-A-2023240883

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F16D 121/20 (2012.01)
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G02C 7/06 (2006.01)
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G02C 7/06 (2006.01)
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F02C 7/224 (2006.01)
F01K 9/00 (2006.01)
F02C 6/00 (2006.01)
F23K 5/00 (2006.01)
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B65D 90/00 (2006.01)
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A23C 9/12 (2006.01)
C07K 14/315 (2006.01)
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F16H 57/02 (2012.01)
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B65D 65/46 (2006.01)
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C08G 63/08 (2006.01)
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A61K 39/395 (2006.01)
A61K 47/02 (2006.01)
A61K 47/10 (2017.01)
A61K 47/12 (2006.01)
A61K 47/18 (2017.01)
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B60R 25/09 (2013.01)
B60T 1/04 (2006.01)
B60P 3/077 (2006.01)
B62H 5/14 (2006.01)
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A61K 39/395 (2006.01)
A61K 31/17 (2006.01)
A61K 31/519 (2006.01)
A61K 38/21 (2006.01)
A61K 45/00 (2006.01)
A61P 35/00 (2006.01)
A61P 35/02 (2006.01)
A61P 43/00 (2006.01)
C07K 16/46 (2006.01)
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C07K 16/24 (2006.01)
A61K 39/00 (2006.01)
A61K 39/395 (2006.01)
A61P 9/00 (2006.01)
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B62M 11/06 (2006.01)
B62M 9/06 (2006.01)
B62M 11/14 (2006.01)
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- (51) Int. Cl.
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- (71) H04L 67/61 (2022.01)
H04L 49/55 (2022.01)
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F04D 29/28 (2006.01)
F01D 5/28 (2006.01)
F02B 39/00 (2006.01)
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H01Q 3/12 (2006.01)
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(51) Int. Cl.
A61K 31/015 (2006.01)
A61K 31/025 (2006.01)
A61K 31/03 (2006.01)
A61K 31/343 (2006.01)
A61K 31/33 (2006.01)
A61K 31/7064 (2006.01)
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F16D 3/18 (2006.01)
F16D 3/78 (2006.01)
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A61K 31/198 (2006.01)
A23L 33/175 (2016.01)
A61K 8/44 (2006.01)
A61K 31/375 (2006.01)
A61P 17/00 (2006.01)
A61Q 19/08 (2006.01)
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(54) REFRIGERATION DEVICE AND METHOD
(51) Int. Cl.
F25B 9/00 (2006.01)
F25B 1/053 (2006.01)
F25B 9/06 (2006.01)
F25B 25/00 (2006.01)
F25B 40/00 (2006.01)
F25B 49/02 (2006.01)
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(74) Maxwells Patent & Trade Mark Attorneys Pty Ltd
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A63B 60/20 (2015.01)
A63B 59/50 (2015.01)
A63B 59/55 (2015.01)
A63B 69/00 (2006.01)
A63B 102/20 (2015.01)
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B60J 7/14 (2006.01)
B60J 7/16 (2006.01)
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H04W 24/02 (2009.01)
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(74) FPA Patent Attorneys Pty Ltd
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(51) Int. Cl.
H01M 8/1004 (2016.01)
H01M 4/88 (2006.01)
H01M 8/023 (2016.01)
H01M 8/0273 (2016.01)
H01M 8/0284 (2016.01)
H01M 8/0286 (2016.01)
H01M 8/242 (2016.01)
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A61B 18/22 (2006.01)
A61B 5/00 (2006.01)
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 (21) 2023211879 (22) 27.01.2023
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F24H 15/156 (2022.01)
F24H 1/22 (2022.01)
F24H 15/16 (2022.01)
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 (11) AU-A-2023217078
 (21) 2023217078 (22) 10.02.2023
 (54) THR BETA ANALOGS AND USES THEREOF
 (51) Int. Cl.
C07D 401/12 (2006.01)
A61K 31/506 (2006.01)
A61P 5/14 (2006.01)
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A23K 10/26 (2016.01)
A23K 20/147 (2016.01)
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 (74) FB Rice Pty Ltd
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 (54) FOOD PRODUCTS FROM ROOT VEGETABLES
 (51) Int. Cl.
A23C 20/00 (2006.01)
A23L 19/12 (2016.01)
A23L 27/12 (2016.01)
A23P 30/10 (2016.01)
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 (54) RISER ASSEMBLY
 (51) Int. Cl.
E04B 1/41 (2006.01)
E04B 5/32 (2006.01)
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 (72) HILL, Timothy
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 (21) 2023210897 (22) 17.01.2023
 (54) ANTIBODY AGAINST HER3, CONJUGATE AND USE THEREOF
 (51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C12N 5/00 (2006.01)
C12N 15/13 (2006.01)
C12N 15/63 (2006.01)
- (87) WO2023/143263
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 (72) CAI, Jiaqiang
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 (54) METHODS AND ASSEMBLIES FOR PACKAGING CONTAINERS FOR COMPOSITIONS CONTAINING ACTIVE INGREDIENTS
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B65D 1/24 (2006.01)
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B65D 25/34 (2006.01)
B65D 43/02 (2006.01)
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A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
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 (74) Spruson & Ferguson
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- (71) MERSANA THERAPEUTICS, INC.
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 (21) 2023232820 (22) 07.03.2023
 (54) ANTIBODY DRUG CONJUGATES COMPRISING STING AGONISTS, COMBINATIONS AND METHODS OF USE
 (51) Int. Cl.
A61K 47/68 (2017.01)
A61K 39/00 (2006.01)
A61P 35/00 (2006.01)
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 (54) METHODS AND DEVICES FOR INCREASING DYNAMIC RANGE OF OPTICAL SENSOR BASED SYSTEMS
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G01N 21/25 (2006.01)
G01N 21/69 (2006.01)
G01N 21/76 (2006.01)
G01N 21/64 (2006.01)
- (87) WO2023/164501
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 (72) KOCHAR, Manish
 (74) Spruson & Ferguson

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 (54) SYSTEMS AND METHODS FOR TRANSPOSING CARGO NUCLEOTIDE SEQUENCES
 (51) Int. Cl.
 C12N 15/90 (2006.01)
 C12N 9/22 (2006.01)
 C12N 15/11 (2006.01)
 (87) WO2023/164591
 (31) 63/313,122 (32) 23.02.22 (33) US
 (43) 31.08.2023
 (72) THOMAS, Brian C.; BROWN, Christopher; GOLTSMAN, Daniela S.A.; BUTTERFIELD, Cristina Noel; ALEXANDER, Lisa; LIU, Jason; COST, Gregory J.; ROMANO, Christine
 (74) FB Rice Pty Ltd

(71) METAGENOMI, INC.
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 (21) 2023226059 (22) 23.02.2023
 (54) FUSION PROTEINS
 (51) Int. Cl.
 C12N 15/62 (2006.01)
 C12N 9/12 (2006.01)
 C12N 9/22 (2006.01)
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 (31) 63/313,151 (32) 23.02.22 (33) US
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 (43) 31.08.2023
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 (74) FB Rice Pty Ltd

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 (21) 2023222168 (22) 16.02.2023
 (54) A CARTON
 (51) Int. Cl.
 A61M 5/00 (2006.01)
 B31B 50/00 (2017.01)
 B65B 11/00 (2006.01)
 B65D 5/00 (2006.01)
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 (31) 17/674,294 (32) 17.02.22 (33) US
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 (72) ARCHAMBAULT, Steven Gerard
 (74) Davies Collison Cave Pty Ltd

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 D21H 19/82 (2006.01)
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 (31) 2250128-2 (32) 10.02.22 (33) SE
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 (72) MOHAMMADI, Max; MOHAMMADI, Ali
 (74) FPA Patent Attorneys Pty Ltd

(71) MONOGRAM ORTHOPAEDICS INC.
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 (74) PHILLIPS ORMONDE FITZPATRICK

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 (54) ROBOTIC SYSTEMS WITH VIBRATION COMPENSATION, AND RELATED METHODS
 (51) Int. Cl.
 A61B 34/30 (2016.01)
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 (43) 27.07.2023
 (72) GONZALEZ CHAPA, Gerardo Angel; HUDSON, Scott
 (74) PHILLIPS ORMONDE FITZPATRICK

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 (54) OPTIMIZED CUTTING TOOL PATHS FOR ROBOTIC TOTAL KNEE ARTHROPLASTY RESECTION SYSTEMS AND METHODS
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 A61B 34/32 (2016.01)
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 (74) PHILLIPS ORMONDE FITZPATRICK

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 (54) ACTIVE ROBOTIC SYSTEMS WITH USER CONTROLLER
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 A61B 34/32 (2016.01)
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 A61B 34/30 (2016.01)
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 (43) 27.07.2023
 (72) SHAMAEI, Kamran; VURELLI, Sanath
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) MUSHLABS GMBH
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 (21) 2023226179 (22) 24.02.2023
 (54) PRODUCTION OF COLOURED FUNGAL MYCELIUM
 (51) Int. Cl.
 C12N 1/14 (2006.01)
 A01G 18/00 (2018.01)
 A01H 15/00 (2006.01)
 (87) WO2023/161398
 (31) 22158658.9 (32) 24.02.22 (33) EP
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 (74) Spruson & Ferguson

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 (21) 2023227527 (22) 01.03.2023
 (54) PHOSPHORUS DOPED CARBON-BASED NANOMATERIAL AND METHODS OF FORMING THE SAME
 (51) Int. Cl.
 C01B 32/15 (2017.01)
 (87) WO2023/168228
 (31) 63/268,887 (32) 04.03.22 (33) US
 (43) 07.09.2023
 (72) JOHNSON, Evan; YOLLIN, Paul; COOK, Dylan
 (74) James & Wells Intellectual Property

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 (11) AU-A-2023227856
 (21) 2023227856 (22) 01.03.2023
 (54) NITROGEN DOPED CARBON-BASED NANOMATERIAL AND METHODS OF FORMING THE SAME
 (51) Int. Cl.
 C01B 32/15 (2017.01)
 (87) WO2023/168224
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 (72) JOHNSON, Evan; YOLLIN, Paul; COOK, Dylan
 (74) James & Wells Intellectual Property

(71) NABORS ENERGY TRANSITION SOLUTIONS LLC
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 (54) SILICON DIOXIDE DOPED CARBON-BASED NANOMATERIAL AND METHODS OF FORMING THE SAME
 (51) Int. Cl.
 C01B 32/15 (2017.01)
 (87) WO2023/168229
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 (43) 07.09.2023
 (72) JOHNSON, Evan; YOLLIN, Paul; COOK, Dylan
 (74) James & Wells Intellectual Property

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 (51) Int. Cl.
C01B 32/15 (2017.01)
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 (72) JOHNSON, Evan; YOLLIN, Paul; COOK, Dylan
 (74) James & Wells Intellectual Property
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 (54) SILICON DOPED CARBON-BASED NANOMATERIAL AND METHODS OF FORMING THE SAME
 (51) Int. Cl.
C01B 32/15 (2017.01)
 (87) WO2023/168230
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 (72) JOHNSON, Evan; YOLLIN, Paul; COOK, Dylan
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- (71) NANTONG JIANGSHAN AGROCHEMICAL & CHEMICALS CO., LTD.
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 (21) 2023359030 (22) 28.09.2023
 (54) HERBICIDAL COMPOSITION CONTAINING 3-(2-CHLORO-4-FLUORO-5-(3-METHYL-2,6-DIOXO-4-TRIFLUORO-METHYL-3,6-DIHYDROPYRIMIDIN-1(2H-YL)PHENYL)-5-METHYL-4,5-DI-HYDROISOXAZOLE-5-CARBOXYLIC ACID ETHYL ESTER AND GLUFOSIN-ATE-P AND USE THEREOF
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A01N 43/80 (2006.01)
A01N 57/20 (2006.01)
A01P 13/00 (2006.01)
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 (54) MULTI PIPE CONNECTOR
 (51) Int. Cl.
F16L 25/00 (2006.01)
F16L 25/14 (2006.01)
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 (31) 17/709,285 (32) 30.03.22 (33) US
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 (54) TERAHERTZ TRANSCIEVER AND METHOD OF FABRICATING THE SAME
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H04B 1/38 (2015.01)
H01L 29/66 (2006.01)
H01L 29/88 (2006.01)
H01Q 9/04 (2006.01)
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 (74) Spruson & Ferguson
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- (71) NAVIDEA BIOPHARMACEUTICALS, INC.
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 (21) 2023215335 (22) 03.02.2023
 (54) ALTERING NET CHARGE ON MAN-NOSYLATED DEXTRANS TO MAXIMIZE TARGET TISSUE UPTAKE AND OFF TARGET COMPETITIVE BLOCKING
 (51) Int. Cl.
A61K 31/721 (2006.01)
A61K 47/61 (2017.01)
A61K 49/00 (2006.01)
A61K 51/06 (2006.01)
A61P 35/00 (2006.01)
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 (72) RALPH, David A.; ARNOLD, Jeffrey Scott
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- (71) NEURACLE SCIENCE CO., LTD.
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 (54) USE OF ANTI-FAM19A5 ANTAGONISTS FOR TREATING HEARING DISORDERS
 (51) Int. Cl.
C07K 16/24 (2006.01)
A61K 31/055 (2006.01)
A61K 31/085 (2006.01)
A61K 31/09 (2006.01)
A61K 31/12 (2006.01)
A61K 31/136 (2006.01)
A61K 38/08 (2019.01)
A61K 38/10 (2006.01)
A61K 38/17 (2006.01)
A61K 39/395 (2006.01)
A61P 27/16 (2006.01)
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 (72) WONG, Wai Keong Bryce; RUSCH, David; LARSEN, Ryan; NOURIAN, Daniel; SCHREIBER, Michael
 (74) Pearce IP Pty Ltd
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 (72) SEONG, Jae Young; PARK, Yosub; BOK, Jinwoong; MIN, Hyehyun; KIM, Han Byul
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 (54) MIXED GAS SEPARATION DEVICE, MIXED GAS SEPARATION METHOD, AND MEMBRANE REACTOR DEVICE
 (51) Int. Cl.
B01D 53/22 (2006.01)
B01D 69/10 (2006.01)
B01D 71/02 (2006.01)
C01B 39/48 (2006.01)
 (87) WO2023/153057
 (31) 2022-017639 (32) 08.02.22 (33) JP
 (43) 17.08.2023
 (72) NODA, Kenichi
 (74) FPA Patent Attorneys Pty Ltd
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- (71) NGK INSULATORS, LTD.
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 (21) 2023258835 (22) 28.04.2023
 (54) MEMBRANE ASSEMBLY AND SEPARATION MEMBRANE MODULE
 (51) Int. Cl.
B01D 63/06 (2006.01)
B01D 53/22 (2006.01)
B01D 65/00 (2006.01)
B01J 19/24 (2006.01)
C01B 3/50 (2006.01)
 (87) WO2023/210802
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 (43) 02.11.2023
 (72) IIDA, Kazuki; SHIBAGAKI, Yukinari; NAKAGAWA, Kosuke; MAEHARA, Sota; KAN, Hirofumi
 (74) FPA Patent Attorneys Pty Ltd
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 (11) AU-A-2022444558
 (21) 2022444558 (22) 28.09.2022
 (54) SURFACE-TREATED STEEL SHEET
 (51) Int. Cl.
C23C 22/36 (2006.01)
C23C 2/06 (2006.01)
C23C 2/26 (2006.01)
C23C 22/78 (2006.01)
C23C 28/00 (2006.01)
 (87) WO2023/166772
 (31) 2022-032606 (32) 03.03.22 (33) JP
 (43) 07.09.2023
 (72) SHIMIZU Atsuo; NISHIDA Yoshikatsu; UENO Shin; SHOJI Hiromasa
 (74) Spruson & Ferguson
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- (71) NIPPON TELEGRAPH AND TELEPHONE CORPORATION
 (11) AU-A-2022443675
 (21) 2022443675 (22) 22.02.2022
 (54) AUTHENTICATION SYSTEM, GENERATION DEVICE, GENERATION METHOD, AND GENERATION PROGRAM
 (51) Int. Cl.

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(74) Davies Collison Cave Pty Ltd
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- (71)** NOKIA TECHNOLOGIES OY
(11) AU-A-2022440272
(21) 2022440272 **(22)** 14.02.2022
(54) APPARATUS, METHODS, AND COMPUTER PROGRAMS RELATED TO POSITIONING REFERENCE SIGNALS
(51) Int. Cl.
G01S 13/48 (2006.01)
(87) WO2023/151073
(43) 17.08.2023
(72) KEATING, Ryan; TAO, Tao
(74) Spruson & Ferguson
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- (71)** NORTHWESTERN UNIVERSITY
(11) AU-A-2023223243
(21) 2023223243 **(22)** 22.02.2023
(54) UNIVERSAL METHOD FOR SYNTHESIS OF METALLIC NANOPARTICLES VIA SCANNING PROBE LITHOGRAPHY
(51) Int. Cl.
B22F 1/054 (2022.01)
B82B 3/00 (2006.01)
B82Y 30/00 (2011.01)
B82Y 40/00 (2011.01)
C08K 3/22 (2006.01)
B05D 1/02 (2006.01)
(87) WO2023/163972
(31) 63/312,711 **(32)** 22.02.22 **(33)** US
(43) 31.08.2023
(72) MIRKIN, Chad, A.; DRAVID, Vinayak, P.; WAHL, Carolin, B.
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71)** NOUSCOM AG
(11) AU-A-2023207821
(21) 2023207821 **(22)** 17.01.2023
(54) RECOMBINANT ORTHOPOX VIRAL VECTOR ENCODING IMMUNOSTIMULATORY PROTEINS FOR CANCER TREATMENT
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 38/20 (2006.01)
A61P 35/00 (2006.01)
C07K 14/52 (2006.01)
C07K 14/54 (2006.01)
C07K 16/24 (2006.01)
C12N 7/00 (2006.01)
G01N 33/569 (2006.01)
(87) WO2023/135313
(31) 22151830.1 **(32)** 17.01.22 **(33)** EP
(43) 20.07.2023
(72) COTUGNO, Gabriella; SCARSELLI, Elisa; MORENA D'ALISE, Anna; LAHM, Armin; LEONI, Guido
(74) Spruson & Ferguson
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- (71)** NOVATEX ITALIA S.P.A.
(11) AU-A-2023233922
(21) 2023233922 **(22)** 14.03.2023
(54) ROUND BALER NET WRAP
(51) Int. Cl.
A01F 15/07 (2006.01)
B65B 11/04 (2006.01)
B65B 27/12 (2006.01)
D04B 21/12 (2006.01)
(87) WO2023/175500
(31) 102022000005006 **(32)** 15.03.22 **(33)** IT
(43) 21.09.2023
(72) CASTAGNA, Natale; CASATI, Marco
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71)** NOVO NORDISK HEALTH CARE AG
(11) AU-A-2023227127
(21) 2023227127 **(22)** 01.03.2023
(54) METHODS OF ADMINISTERING FVIII MIMETIC BISPECIFIC ANTIBODIES ONCE WEEKLY
(51) Int. Cl.
C07K 16/36 (2006.01)
A61K 39/395 (2006.01)
A61P 7/04 (2006.01)
(87) WO2023/166094
(31) 22159642.2 **(32)** 02.03.22 **(33)** EP
 22159646.3 02.03.22 EP
 22212144.4 08.12.22 EP
(43) 07.09.2023
(72) MATYTSINA, Irina Alekseyevna; KREILGÄRD, Mads
(74) Pearce IP Pty Ltd
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- (71)** NOVO NORDISK HEALTH CARE AG
(11) AU-A-2023228049
(21) 2023228049 **(22)** 01.03.2023
(54) METHODS OF ADMINISTERING FVIII MIMETIC BISPECIFIC ANTIBODIES ONCE MONTHLY
(51) Int. Cl.
C07K 16/36 (2006.01)
A61K 39/395 (2006.01)
A61P 7/04 (2006.01)
(87) WO2023/166096
(31) 22159642.2 **(32)** 02.03.22 **(33)** EP
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(72) MATYTSINA, Irina Alekseyevna; KREILGÄRD, Mads
(74) Pearce IP Pty Ltd
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(11) AU-A-2023229013
(21) 2023229013 **(22)** 01.03.2023
(54) METHODS OF ADMINISTERING FVIII MIMETIC BISPECIFIC ANTIBODIES EVERY SECOND WEEK
(51) Int. Cl.
C07K 16/36 (2006.01)
A61K 39/395 (2006.01)
A61P 7/04 (2006.01)
(87) WO2023/166097
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 22159644.8 02.03.22 EP
 22212144.4 08.12.22 EP
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(74) Pearce IP Pty Ltd
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(54) PRODUCTION OF FATTY ACID ALKYL ESTERS
(51) Int. Cl.
C12P 7/649 (2022.01)
C07K 14/39 (2006.01)
C07K 14/40 (2006.01)
C12R 1/72 (2006.01)
(87) WO2023/209070
(31) 22170819.1 **(32)** 29.04.22 **(33)** EP
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(72) HANSEN, Rasmus Boeg; NIELSEN, Per Munk
(74) Spruson & Ferguson
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- (71)** NUTRITION21, LLC
(11) AU-A-2023224125
(21) 2023224125 **(22)** 28.02.2023
(54) COMPOSITIONS COMPRISING AN ACTIVE INGREDIENT MIXTURE COMPRISING SILICON AND BIOTIN AND METHODS OF USE
(51) Int. Cl.
A61K 31/4188 (2006.01)
A61P 17/00 (2006.01)
A61P 17/14 (2006.01)
A61P 17/18 (2006.01)
A61Q 5/00 (2006.01)
A61Q 19/00 (2006.01)
(87) WO2023/164272
(31) 63/314,794 **(32)** 28.02.22 **(33)** US
(43) 31.08.2023
(72) KOMOROWSKI, James R.; OJALVO, Sara Perez
(74) Spruson & Ferguson
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- (71)** OKAFOR, C.
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(21) 2022440229 **(22)** 21.12.2022
(54) MODULAR DOCKING AND ENERGY MANAGEMENT SYSTEM FOR A SCOOTER OR BICYCLE
(51) Int. Cl.
B60L 53/14 (2019.01)
(87) WO2023/152460
(31) 17/669,996 **(32)** 11.02.22 **(33)** US
(43) 17.08.2023
(72) OKAFOR, Chukwudi; PLAKHOTNIUK, Vasyi; COSTACURTA, Francesco; TONINI, Alberto
(74) Alex Rowley
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(21) 2022440230 **(22)** 21.12.2022
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(51) Int. Cl.
B62H 3/08 (2006.01)
B60L 53/14 (2019.01)

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B62H 3/04 (2006.01)
B62H 3/12 (2006.01)
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(43) 17.08.2023
(72) OKAFOR, Chukwudi; PLAKHOTNI-UK, Vasyi; COSTACURTA, Francesco; TONINI, Alberto
(74) Alex Rowley
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(21) 2023225164 **(22)** 28.02.2023
(54) HUMANIZED CD1a TARGETING MOIETY FOR THE TREATMENT OF CD1A-POSITIVE CANCER
(51) Int. Cl.
C07K 16/30 (2006.01)
A61K 39/00 (2006.01)
A61P 35/02 (2006.01)
C07K 14/705 (2006.01)
C07K 14/725 (2006.01)
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(21) 2023225590 **(22)** 21.02.2023
(54) COMPOSITION INCLUDING PAFOLACIANINE FOR THE IDENTIFICATION OF MALIGNANT LESIONS
(51) Int. Cl.
A61K 31/33 (2006.01)
A61K 31/395 (2006.01)
A61K 31/50 (2006.01)
A61K 31/506 (2006.01)
(87) WO2023/163926
(31) 63/312,965 **(32)** 23.02.22 **(33)** US
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(43) 31.08.2023
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(74) Blue Penguin IP Ltd
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(11) AU-A-2023257708
(21) 2023257708 **(22)** 21.03.2023
(54) METHOD AND APPARATUS FOR FILLING AN OPEN CONTAINER
(51) Int. Cl.
B65B 1/16 (2006.01)
B65B 1/28 (2006.01)
B65B 31/02 (2006.01)
B65B 39/04 (2006.01)
B65B 39/12 (2006.01)
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B65B 25/00 (2006.01)
(87) WO2023/202832
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(43) 26.10.2023
(72) FREIBERGER, Tobias
(74) Davies Collison Cave Pty Ltd
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(21) 2023225180 **(22)** 21.02.2023
(54) A BIOREACTOR SYSTEM
(51) Int. Cl.
C12M 3/00 (2006.01)
C12M 1/00 (2006.01)
(87) WO2023/161615
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(72) VERAITCH, Farlan
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(21) 2023208428 **(22)** 23.01.2023
(54) NOVEL SULFATE SALT FORMS OF ISOCHROMAN-IMIDAZOLE STRUCTURED ALPHA-2A ADRENOCEPTOR AGONIST
(51) Int. Cl.
C07D 405/04 (2006.01)
A61K 31/4178 (2006.01)
A61P 25/00 (2006.01)
A61P 25/22 (2006.01)
(87) WO2023/139313
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(43) 27.07.2023
(72) HAAPALINNA, Anna; HEIKKILÄ, Teemu; POP, Mihaela
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71)** OSAKA UNIVERSITY; IDEMITSU KOSAN CO.,LTD.
(11) AU-A-2023225464
(21) 2023225464 **(22)** 22.02.2023
(54) CATALYST AND PRODUCTION METHOD FOR SAME, CATHODE, ION EXCHANGE MEMBRANE ELECTRODE ASSEMBLY, AND SOLID ELECTROLYTE ELECTROLYSIS DEVICE
(51) Int. Cl.
C25B 11/085 (2021.01)
B01J 27/24 (2006.01)
C01B 32/40 (2017.01)
C25B 1/23 (2021.01)
C25B 9/23 (2021.01)
C25B 11/02 (2021.01)
C25B 11/054 (2021.01)
C25B 11/065 (2021.01)
C25B 13/04 (2021.01)
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(21) 2023237601 **(22)** 22.03.2023
(54) MRNA VACCINE COMPOSITIONS AND THEIR USE
(51) Int. Cl.
A61K 31/7105 (2006.01)
C07K 14/025 (2006.01)
C07K 14/11 (2006.01)
C07K 14/165 (2006.01)
C07K 14/47 (2006.01)
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(11) AU-A-2023232990
(21) 2023232990 **(22)** 10.03.2023
(54) SEQUENTIAL DEPOSITION OF PEROVSKITES
(51) Int. Cl.
C23C 14/06 (2006.01)
C23C 14/58 (2006.01)
(87) WO2023/170429
(31) 2203452.4 **(32)** 11.03.22 **(33)** GB
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(74) Spruson & Ferguson
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- (71)** PATHIOS THERAPEUTICS LIMITED
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(21) 2023244579 **(22)** 30.03.2023
(54) 3,4,6,7-TETRAHYDRO-2,7-NAPHTHYRIDINE-2(1H)-CARBOXAMIDE DERIVATIVES AS GPR65 INHIBITORS FOR THE TREATMENT OF CANCER AND AUTOIMMUNE DISEASES
(51) Int. Cl.
C07D 471/04 (2006.01)
A61K 31/4375 (2006.01)
A61K 31/472 (2006.01)
A61K 31/4725 (2006.01)
A61K 31/5025 (2006.01)
A61K 31/53 (2006.01)
A61P 35/00 (2006.01)
A61P 35/02 (2006.01)
A61P 35/04 (2006.01)
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C07D 217/26 (2006.01)
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 (21) 2023234546 (22) 15.03.2023
 (54) NOVEL MICROBIAL COMPOSITION AND METHODS OF USE THEREOF
 (51) Int. Cl.
 C12Q 1/689 (2018.01)
 A61K 35/74 (2015.01)
 A23L 33/135 (2016.01)
 C12N 1/20 (2006.01)
 (87) WO2023/178194
 (31) 63/320,000 (32) 15.03.22 (33) US
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 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) PFIZER INC.
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 (21) 2023233663 (22) 08.03.2023
 (54) METHODS, DOSAGE REGIMENS, AND COMPOSITIONS FOR TREATING HIDRADENITIS
 (51) Int. Cl.
 A61K 31/4985 (2006.01)
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 A61P 17/00 (2006.01)
 (87) WO2023/178001
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 (43) 21.09.2023
 (72) GERSTENBERGER, Brian Stephen; FENSOME, Andrew; OWEN, Dafydd Rhys
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- (71) PHIEX TECHNOLOGIES, INC.
 (11) AU-A-2022443429
 (21) 2022443429 (22) 18.04.2022
 (54) LIGHT-ACTIVATED CHLORINE DIOXIDE-RELEASING POWDER AND METHOD OF MANUFACTURE
 (51) Int. Cl.
 C01B 11/02 (2006.01)
 A01N 25/08 (2006.01)
 A01N 25/12 (2006.01)
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 A61L 2/20 (2006.01)
 B01J 19/12 (2006.01)
 (87) WO2023/163729
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- (71) PINNACLE FURNITURE LIMITED
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 (54) MEDIA SUPPLY DEVICE
 (51) Int. Cl.
 H02G 3/04 (2006.01)
 F16L 3/127 (2006.01)
 F16L 3/18 (2006.01)
 F16L 3/26 (2006.01)
 H02G 3/18 (2006.01)
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 (54) METHODS OF OPTIMIZING GENE EXPRESSION IN PLANT
 (51) Int. Cl.
 A01H 1/04 (2006.01)
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 C12N 15/10 (2006.01)
 C12N 15/82 (2006.01)
 C12Q 1/6897 (2018.01)
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 (21) 2023226606 (22) 24.02.2023
 (54) A METHOD FOR THE STORAGE OR TRANSPORT OF PYROLYSIS OIL
 (51) Int. Cl.
 C10G 1/00 (2006.01)
 C10G 1/10 (2006.01)
 C10G 31/08 (2006.01)
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 (31) 2202646.2 (32) 25.02.22 (33) GB
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 (21) 2023227218 (22) 02.03.2023
 (54) RADIOPHARMACEUTICAL AND METHODS
 (51) Int. Cl.
 A61K 51/08 (2006.01)
 A61K 47/22 (2006.01)
 A61P 35/00 (2006.01)
 C07B 59/00 (2006.01)
 C07K 1/13 (2006.01)
 C07K 7/06 (2006.01)
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- (54) COMPOSITIONS AND METHODS FOR DELIVERY OF NUCLEIC ACIDS
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 A61K 9/00 (2006.01)
 A61K 9/107 (2006.01)
 A61K 9/127 (2006.01)
 A61K 9/51 (2006.01)
 A61K 31/7088 (2006.01)
 A61K 31/7105 (2006.01)
 A61K 31/7111 (2006.01)
 A61K 31/7115 (2006.01)
 A61K 31/713 (2006.01)
 A61K 35/66 (2015.01)
 A61K 48/00 (2006.01)
 A61P 7/00 (2006.01)
 C12N 1/36 (2006.01)
 C12N 15/90 (2006.01)
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 (74) FPA Patent Attorneys Pty Ltd
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- (71) PROPELLA THERAPEUTICS, INC.
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 (54) ABIRATERONE DECANOATE PRODRUGS AND USE IN THERAPY
 (51) Int. Cl.
 A61K 31/58 (2006.01)
 A61P 35/00 (2006.01)
 A61P 35/04 (2006.01)
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 (72) SHARP, Matthew J.; MOORE, JR., William R.
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 (21) 2023239751 (22) 24.03.2023
 (54) RADIOLABELED COMPOUNDS FOR IN VIVO IMAGING OF GASTRIN-RELEASING PEPTIDE RECEPTOR (GRPR) AND TREATMENT OF GRPR-RELATED DISORDERS
 (51) Int. Cl.
 C07K 7/06 (2006.01)
 A61K 51/08 (2006.01)
 A61P 35/00 (2006.01)
 C07K 1/13 (2006.01)
 C07K 14/595 (2006.01)
 C07K 14/72 (2006.01)
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 (54) INHIBITORS OF NLRP3
 (51) Int. Cl.
 A61K 31/407 (2006.01)
 A61K 31/4162 (2006.01)
 A61K 31/53 (2006.01)
 C07D 487/04 (2006.01)
 (87) WO2023/159148
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 JCEK, Lauren; GILBERT, Bradley B.;
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 Meenu; RASTELLI, Ettore; SYDOREN-
 KO, Nadiya; ZHANG, Nanjing; ZHENG,
 Tianyi; WOLL, Matthew G.; -, Handoko
 (74) FB Rice Pty Ltd

(71) PURAFFINITY LTD
 (11) AU-A-2023220810
 (21) 2023220810 (22) 16.02.2023
 (54) FUNCTIONALISED ALUMINA AD-
 SORBENT MATERIALS FOR REMOV-
 AL OF CONTAMINANTS FROM WA-
 TER
 (51) Int. Cl.
 B01J 20/08 (2006.01)
 B01J 20/26 (2006.01)
 B01J 20/28 (2006.01)
 B01J 20/30 (2006.01)
 B01J 20/32 (2006.01)
 C02F 1/28 (2023.01)
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 (31) 2202072.1 (32) 16.02.22 (33) GB
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 (72) BLACKBURN, Octavia Ann; NGUY-
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 Liberty Jocasta; MCGUIRK, Aiden Sin-
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 Nathan; FOXON, Simon Paul
 (74) Allens Patent & Trade Mark Attorneys

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 (11) AU-A-2023224020
 (21) 2023224020 (22) 15.02.2023
 (54) METHOD AND APPARATUS FOR
 MOLDING OF CNF-CMC ONTO MOL-
 DED PULP
 (51) Int. Cl.
 D21J 3/00 (2006.01)
 B65D 1/00 (2006.01)
 C08L 1/02 (2006.01)
 D21H 19/52 (2006.01)
 D21H 27/10 (2006.01)
 D21J 1/08 (2006.01)
 D21H 19/34 (2006.01)
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 (11) AU-A-2023208439
 (21) 2023208439 (22) 19.01.2023
 (54) INFLATABLE CAMPING ASSEMBLY
 (51) Int. Cl.
 E04H 15/20 (2006.01)
 (87) WO2023/139378
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 (43) 27.07.2023
 (72) HARRISON, Jonathan; WHITMORE,
 Toby; PAYNE, James
 (74) Murray Trento & Associates Pty Ltd

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 (11) AU-A-2023208933
 (21) 2023208933 (22) 19.01.2023
 (54) CAMPING ACCESSORY INFLATION
 SYSTEM
 (51) Int. Cl.
 E04H 15/18 (2006.01)
 E04H 15/20 (2006.01)
 E04H 15/58 (2006.01)
 (87) WO2023/139377
 (31) 2200672.0 (32) 19.01.22 (33) GB
 (43) 27.07.2023
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 Toby; PAYNE, James
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(71) PYROTEK, INC.
 (11) AU-A-2023221966
 (21) 2023221966 (22) 16.02.2023
 (54) METHOD AND APPARATUS FOR IM-
 PROVING ALUMINUM DEGASSING
 EFFICIENCY
 (51) Int. Cl.
 B22D 21/04 (2006.01)
 C22C 1/02 (2006.01)
 C22F 1/02 (2006.01)
 (87) WO2023/158747
 (31) 63/311,309 (32) 17.02.22 (33) US
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 SIOTIS, Stam
 (74) Griffith Hack

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 (11) AU-A-2023219999
 (21) 2023219999 (22) 17.02.2023
 (54) COMBINATION THERAPIES
 (51) Int. Cl.
 A61K 31/336 (2006.01)
 A61K 9/00 (2006.01)
 A61K 31/513 (2006.01)
 A61K 33/243 (2019.01)
 A61N 5/10 (2006.01)
 A61P 35/00 (2006.01)
 (87) WO2023/154984
 (31) 2022900340 (32) 17.02.22 (33) AU
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 Peter Gordon; BOYLE, Glen Mathew;
 CULLEN, Jason Kingsley
 (74) Griffith Hack

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 CHINE CO., LTD.; HAIER SMART
 HOME CO., LTD.
 (11) AU-A-2023209965
 (21) 2023209965 (22) 12.01.2023
 (54) FOAM LOCAL CLEANING DEVICE
 AND WASHING MACHINE
 (51) Int. Cl.
 D06F 35/00 (2006.01)
 (87) WO2023/138462
 (31) 202210084080.8 (32) 20.01.22 (33) CN
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 (43) 27.07.2023
 (72) LV, Yanfen; XU, Sheng; SUN, Guangbin
 (74) Allens Patent & Trade Mark Attorneys

(71) QINGDAO JIAONAN HAIER WASH-
 ING MACHINE CO., LTD.; QINGDAO
 HAIER WASHING MACHINE CO.,
 LTD.; HAIER SMART HOME CO., LTD.
 (11) AU-A-2023222205
 (21) 2023222205 (22) 29.01.2023
 (54) WATER HEATING DEVICE
 (51) Int. Cl.
 D06F 39/04 (2006.01)
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 A47C 27/15 (2006.01)
 A47C 23/04 (2006.01)
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A61P 21/00 (2006.01)
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(51) Int. Cl.
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A61J 3/07 (2006.01)
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C12M 1/00 (2006.01)
C12Q 1/6809 (2018.01)
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C25C 1/00 (2006.01)
C25C 3/12 (2006.01)
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G06N 10/40 (2022.01)
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H10N 60/01 (2023.01)
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B82Y 10/00 (2011.01)
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G06N 3/0464 (2023.01)
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A61K 31/137 (2006.01)
A61K 31/343 (2006.01)
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A61K 45/06 (2006.01)
A61P 25/22 (2006.01)
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A61F 5/44 (2006.01)
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H04W 76/15 (2018.01)
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H04W 28/02 (2009.01)
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A61B 17/00 (2006.01)
A61B 17/11 (2006.01)
A61F 2/82 (2013.01)
A61F 2/04 (2013.01)
A61M 25/10 (2013.01)
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C07D 405/14 (2006.01)
A61P 35/00 (2006.01)
C07D 213/73 (2006.01)
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A61K 35/74 (2015.01)
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F25D 3/10 (2006.01)
F17C 13/08 (2006.01)
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A61P 35/00 (2006.01)
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C07D 401/12 (2006.01)
A61K 31/444 (2006.01)
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C25B 1/04 (2021.01)
C25B 9/23 (2021.01)
C25B 15/00 (2006.01)
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H01M 8/00 (2016.01)
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G06N 10/40 (2022.01)
B82Y 10/00 (2011.01)
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G06N 10/00 (2022.01)
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E04B 1/26 (2006.01)
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C07K 14/705 (2006.01)
A61K 35/17 (2015.01)
A61K 38/17 (2006.01)
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A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
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C12N 15/09 (2006.01)
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G01N 33/574 (2006.01)
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A61K 9/06 (2006.01)
A23L 33/12 (2016.01)
A61P 7/02 (2006.01)
A61P 9/10 (2006.01)
A61P 11/06 (2006.01)
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A61P 25/28 (2006.01)
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A61G 7/057 (2006.01)
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C07K 14/005 (2006.01)
A61P 27/02 (2006.01)
C12N 15/86 (2006.01)
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H05G 1/08 (2006.01)
H05G 1/46 (2006.01)
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B65D 85/804 (2006.01)
A47J 31/44 (2006.01)
G01D 5/249 (2006.01)
G06K 19/06 (2006.01)
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A23C 9/12 (2006.01)
A23C 9/152 (2006.01)
A23C 9/154 (2006.01)
A23C 11/04 (2006.01)
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A47J 31/22 (2006.01)
A47J 31/36 (2006.01)
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(54) SYSTEM AND METHOD OF AUTOMATED MOVEMENT CONTROL FOR INTUBATION SYSTEM
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A61B 1/267 (2006.01)
A61M 16/04 (2006.01)
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A61B 1/05 (2006.01)
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B21C 47/04 (2006.01)
B21C 47/00 (2006.01)
B21C 47/02 (2006.01)
E04C 5/08 (2006.01)
B21C 47/24 (2006.01)
B21C 47/28 (2006.01)
B21F 11/00 (2006.01)
B21F 23/00 (2006.01)
B23Q 39/00 (2006.01)
B23Q 39/04 (2006.01)
B26D 7/08 (2006.01)
B65H 35/06 (2006.01)
E04C 5/01 (2006.01)
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B01D 5/00 (2006.01)
F24F 3/14 (2006.01)
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C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
G01N 33/68 (2006.01)
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C25B 15/02 (2021.01)
C25B 9/65 (2021.01)
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H01R 4/66 (2006.01)
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A23L 2/38 (2021.01)
A23C 11/10 (2021.01)
A23F 5/24 (2006.01)
A23L 2/00 (2006.01)
A23L 11/60 (2021.01)
A23L 11/65 (2021.01)
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C12C 5/02 (2006.01)
C12C 11/00 (2006.01)
C12G 3/04 (2019.01)
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 (54) SUBSTITUTED FUSED RING COMPOUND, PHARMACEUTICAL COMPOSITION THEREOF, PREPARATION METHOD THEREFOR AND USES THEREOF
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C07D 471/04 (2006.01)
A61K 31/437 (2006.01)
A61P 25/16 (2006.01)
A61P 25/28 (2006.01)
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A61K 38/17 (2006.01)
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C07D 213/24 (2006.01)
A01N 43/40 (2006.01)
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 (54) SYSTEMS FOR CELL PROGRAMMING AND METHODS THEREOF
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C12N 15/63 (2006.01)
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C12N 15/113 (2010.01)
G06N 3/12 (2023.01)
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C07K 14/705 (2006.01)
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C12N 15/06 (2006.01)
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 (54) MOBILE DEVICE CASE POWER DETECTION CIRCUITRY
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G01R 22/06 (2006.01)
G01R 1/04 (2006.01)
G01R 11/04 (2006.01)
H02J 50/10 (2016.01)
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A47L 9/28 (2006.01)
A47L 5/26 (2006.01)
A47L 9/00 (2006.01)
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H04L 27/36 (2006.01)
H04L 27/38 (2006.01)
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 (54) SYSTEMS AND METHODS FOR VAGUS NERVE MONITORING AND STIMULATION
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A61B 5/00 (2006.01)
A61B 5/369 (2021.01)
A61B 5/389 (2021.01)
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C12Q 1/6825 (2018.01)
A61K 48/00 (2006.01)
C12N 15/113 (2010.01)
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A61K 47/69 (2017.01)
A61K 33/242 (2019.01)
A61K 47/50 (2017.01)
A61P 31/04 (2006.01)
C12P 19/32 (2006.01)
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(51) Int. Cl.
A61K 47/64 (2017.01)
A61K 38/16 (2006.01)
A61K 38/44 (2006.01)
A61P 35/00 (2006.01)
C07K 14/00 (2006.01)
C07K 16/00 (2006.01)
C12N 1/12 (2006.01)
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E05C 3/16 (2006.01)
E05B 47/00 (2006.01)
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A61K 31/451 (2006.01)
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A61K 47/26 (2006.01)
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A61P 25/28 (2006.01)
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A61L 9/02 (2006.01)
A01M 1/20 (2006.01)
A61L 9/03 (2006.01)
A61L 9/04 (2006.01)
A61L 9/12 (2006.01)
F24F 8/50 (2021.01)
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(54) COFFEE WASTE PRODUCTS AND USES THEREOF
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B09B 3/40 (2022.01)
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B60W 10/20 (2006.01)
A01B 69/00 (2006.01)
B62D 15/02 (2006.01)
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A61K 31/352 (2006.01)
A23L 29/00 (2016.01)
A61K 9/14 (2006.01)
A61K 9/24 (2006.01)
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E05D 11/00 (2006.01)
B27F 5/12 (2006.01)
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B61D 3/16 (2006.01)
B61D 3/18 (2006.01)
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H01L 21/225 (2006.01)
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G01N 33/58 (2006.01)
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C07K 14/705 (2006.01)
A61K 38/39 (2006.01)
A61P 21/00 (2006.01)
C07K 14/78 (2006.01)
C12N 15/86 (2006.01)
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C12Q 1/6825 (2018.01)
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D01F 2/02 (2006.01)
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C07D 519/00 (2006.01)
A61K 31/439 (2006.01)
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A61P 35/00 (2006.01)
C07D 487/08 (2006.01)
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C22B 1/14 (2006.01)
C22B 1/245 (2006.01)
C21B 3/02 (2006.01)
C21B 15/00 (2006.01)
C22B 5/10 (2006.01)
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H04B 7/0452 (2017.01)
H04B 7/06 (2006.01)
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H04W 56/00 (2009.01)
H04W 72/0446 (2023.01)
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A61Q 11/00 (2006.01)
C01F 11/18 (2006.01)
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C12N 15/10 (2006.01)
C12Q 1/6818 (2018.01)
C12Q 1/6837 (2018.01)
C12Q 1/6841 (2018.01)
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B65D 47/34 (2006.01)
B05B 11/00 (2023.01)
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B60L 53/16 (2019.01)
H01R 13/05 (2006.01)
H01R 13/405 (2006.01)
H01R 13/52 (2006.01)
H01R 13/66 (2006.01)
H01R 24/30 (2011.01)
H01R 103/00 (2006.01)
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B60P 1/34 (2006.01)
B60P 3/40 (2006.01)
B60P 7/06 (2006.01)
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F16K 1/44 (2006.01)
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F16K 1/46 (2006.01)
F16K 1/54 (2006.01)
F16K 47/02 (2006.01)
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F16K 31/06 (2006.01)
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E02D 5/80 (2006.01)
E02D 5/54 (2006.01)
E02D 5/76 (2006.01)
E21D 20/02 (2006.01)
E21D 21/00 (2006.01)
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B65D 71/46 (2006.01)
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D06F 58/22 (2006.01)
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A61K 35/745 (2015.01)
A61K 35/747 (2015.01)
A61P 43/00 (2006.01)
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C04B 41/65 (2006.01)
C04B 41/00 (2006.01)
C04B 41/45 (2006.01)
C04B 41/50 (2006.01)
C12N 9/88 (2006.01)
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 (54) UNIVERSAL CELL AND METHOD FOR PREPARING SAME
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C12N 5/10 (2006.01)
A61K 35/545 (2015.01)
A61P 9/00 (2006.01)
A61P 25/00 (2006.01)
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C07K 19/00 (2006.01)
C12N 15/12 (2006.01)
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 (54) DIIMIDE DERIVATIVE, PREPARATION METHOD THEREFOR AND USE THEREOF
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C07D 221/14 (2006.01)
A61K 31/496 (2006.01)
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C07D 401/12 (2006.01)
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A61K 31/438 (2006.01)
A61P 35/00 (2006.01)
C07D 401/02 (2006.01)
C07D 401/14 (2006.01)
C07D 471/02 (2006.01)
C07D 471/04 (2006.01)
C07D 471/12 (2006.01)
C07D 471/22 (2006.01)
C07D 487/04 (2006.01)
C07D 487/12 (2006.01)
C07D 487/22 (2006.01)
 (87) WO2023/155866
 (31) 202210137155.4 (32) 18.02.22 (33) CN
 202210284775.0 25.03.22 CN
 202211396761.4 09.11.22 CN
 (43) 24.08.2023
 (72) ZHANG, Chen; WANG, Jianmin; QIAN, Guofei; YU, Yan; TANG, Pingming; CHEN, Tengfei; LI, Yao; YAN, Pangke
 (74) PHILLIPS ORMONDE FITZPATRICK
-
- (71) YELLOWBIRD DIAGNOSTICS INC.
 (11) AU-A-2023208234
 (21) 2023208234 (22) 18.01.2023
 (54) COMPOSITIONS WITH METAL NANOPARTICLES, THEIR METHODS OF MANUFACTURE AND THEIR USES
 (51) Int. Cl.
A61K 49/00 (2006.01)
A61K 9/14 (2006.01)
A61K 9/51 (2006.01)
A61K 47/69 (2017.01)
B82Y 5/00 (2011.01)
B82Y 30/00 (2011.01)
 (87) WO2023/137542
 (31) 63/300,732 (32) 19.01.22 (33) US
 (43) 27.07.2023
 (72) SHUHENDLER, Adam Jason; CALVERT, Nicholas David
 (74) FB Rice Pty Ltd
-
- (71) ZHONG, W.
 (11) AU-A-2022452885
 (21) 2022452885 (22) 11.04.2022

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

- (54) SUBSTITUTED 1-(3,3-DI-FLUOROPIPERIDIN-4-YL)-IMIDAZO[4,5-C] QUINOLIN-2-ONE DERIVATIVE CRYSTAL FORM, SALT CRYSTAL FORM, PREPARATION METHOD AND APPLICATION
- (51) Int. Cl.
A61K 31/4745 (2006.01)
A61K 45/06 (2006.01)
A61P 35/00 (2006.01)
- (87) WO2023/200427
(43) 19.10.2023
(72) ZHONG, Wei
(74) Davies Collison Cave Pty Ltd
-
- (71) ZHUHAI BEIHAI BIOTECH CO., LTD.
(11) AU-A-2022443487
(21) 2022443487 (22) 25.02.2022
- (54) TAXOTERE COMPOSITION AND METHOD
- (51) Int. Cl.
A61K 31/337 (2006.01)
A61K 9/08 (2006.01)
A61K 47/42 (2017.01)
A61P 35/00 (2006.01)
- (87) WO2023/159491
(43) 31.08.2023
(72) SUN, Qun; JIANG, Haihua; WEI, Xiaohua; LIU, Jie
(74) Remarkable IP
-
- (71) ZODIAC POOL CARE EUROPE
(11) AU-A-2023244610
(21) 2023244610 (22) 24.03.2023
- (54) AUTOMATIC SWIMMING POOL CLEANER CHARGING SYSTEMS WITH CORROSION MITIGATION
- (51) Int. Cl.
E04H 4/16 (2006.01)
B60L 53/10 (2019.01)
- (87) WO2023/187594
(31) 63/324,973 (32) 29.03.22 (33) US
(43) 05.10.2023
(72) LANCRY, Arnaud; FAVIÉ, Louis
(74) FB Rice Pty Ltd
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- (71) ZTE CORPORATION
(11) AU-A-2023361987
(21) 2023361987 (22) 16.02.2023
- (54) METHODS, DEVICES, AND SYSTEMS FOR WIRELESS TRANSMISSION WITH LIMITED CHANNEL BANDWIDTH
- (51) Int. Cl.
H04W 72/20 (2023.01)
H04L 5/00 (2006.01)
H04W 56/00 (2009.01)
H04W 72/23 (2023.01)
- (87) WO2024/098574
(43) 05.09.2024
(72) ZHOU, Shuai; LIU, Xing; HAN, Xianghui
(74) Spruson & Ferguson
-
- (71) ZYMEWORKS BC INC.
(11) AU-A-2023212483
(21) 2023212483 (22) 26.01.2023
- (54) IMMUNOMODULATORY TRISPECIFIC T CELL ENGAGER FUSION PROTEINS
- (51) Int. Cl.
C07K 19/00 (2006.01)
A61K 38/17 (2006.01)
A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
A61P 37/02 (2006.01)
C07K 14/705 (2006.01)
C07K 16/28 (2006.01)
C07K 16/30 (2006.01)
C07K 16/46 (2006.01)
C12N 15/62 (2006.01)
C12P 21/00 (2006.01)
- (87) WO2023/141713
(31) 63/303,481 (32) 26.01.22 (33) US
63/417,655 19.10.22 US
(43) 03.08.2023
(72) DIXIT, Surjit Bhimarao; ESCOBAR-CABRERA, Eric; HEINKEL, Florian; VON ROSSUM, Anna; PRATAP, Harsh; POFFENBERGER, Maya; PISCITELLI, Chayne L.; VERSTRAETE, Meghan Marie
(74) FB Rice Pty Ltd

Numerical Index

2022434711	SIEMENS ENERGY GLOBAL GMBH & CO. KG	2023209965	QINGDAO HAIER WASHING MACHINE CO., LTD.; HAIER SMART HOME CO., LTD.
2022439083	GERASIMENKO, V.M.	2023209973	RACTIGEN THERAPEUTICS
2022439144	SEED HEALTH INC.; KATZ, A.; DHIR, R.; TIERNEY, B.	2023210005	USYNOVA PHARMACEUTICALS LTD.
2022439313	GERASIMENKO, V.M.	2023210022	PINNACLE FURNITURE LIMITED
2022440229	OKAFOR, C.	2023210193	SADEGHI-NAINI, A.; TALEGHAMAR, H.; SUNNYBROOK RESEARCH INSTITUTE
2022440230	OKAFOR, C.	2023210287	POSEIDA THERAPEUTICS, INC.; UNIVERSITY OF SAN DIEGO
2022440272	NOKIA TECHNOLOGIES OY	2023210692	ASPYR DIGITAL INC.
2022440506	RHEINMETALL LANDSYSTEME GMBH	2023210897	MEDILINK THERAPEUTICS (SUZHOU) CO., LTD.
2022440526	NGK INSULATORS, LTD.	2023211553	DIEBOLD NIXDORF INCORPORATED
2022440631	AUSTRALIAN SPORTS COMMISSION; TRIATHLON AUSTRALIA LTD	2023211717	VISIONATUROLAB INC.
2022441158	VIASAT, INC.	2023211879	LUTHMORE LTD
2022441295	HOMER, V.M.	2023211971	DBSORB LIMITED
2022441416	L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE	2023212035	DIEBOLD NIXDORF INCORPORATED
2022441670	WHIRLPOOL (CHINA) CO., LTD.	2023212483	ZYMEWORKS BC INC.
2022442257	NATIONAL TSING HUA UNIVERSITY	2023212660	JOINT STOCK COMPANY «BIOCAD»
2022442354	KONE CORPORATION	2023213140	DYNEVAL LIMITED
2022442529	DECIEM BEAUTY GROUP INC.	2023213334	CHIOME BIOSCIENCE INC.; UNIVERSITY PUBLIC CORPORATION OSAKA
2022442704	HUAWEI TECHNOLOGIES CO., LTD.	2023213691	A2 BIOTHERAPEUTICS, INC.
2022443429	PHIEX TECHNOLOGIES, INC.	2023213860	THERMACELL REPELLENTS, INC.
2022443487	ZHUHAI BEIHAI BIOTECH CO., LTD.	2023213987	IDEXX LABORATORIES, INC.
2022443573	FRIEDRICH-SCHILLER-UNIVERSITÄT JENA; CENTRO DE INVESTIGACION EN QUIMICA AP- LICADA	2023214502	SEXTON BIOTECHNOLOGIES, INC.
2022443583	KONE CORPORATION	2023214805	FRITSJURGENS HOLDING B.V.
2022443619	BEIJING GEEKPLUS TECHNOLOGY CO., LTD.	2023215308	CORNELL UNIVERSITY; LEXEO THERAPEUTICS, INC.
2022443634	CHINA PETROLEUM & CHEMICAL CORPORATION; SINOPEC (BEIJING) RESEARCH INSTITUTE OF CHEMICAL INDUSTRY CO., LTD.	2023215335	NAVIDEA BIOPHARMACEUTICALS, INC.
2022443675	NIPPON TELEGRAPH AND TELEPHONE CORPORA- TION	2023215383	SCHRÖDINGER, INC.
2022444142	BÜHLER AG	2023215466	WESTROCK PACKAGING SYSTEMS, LLC
2022444278	HEMOLENS DIAGNOSTIC SPÓŁKA Z OGRAN- ICZONĄ ODPOWIEDZIALNOŚCIĄ	2023215515	XIZANG HAISCO PHARMACEUTICAL CO., LTD.
2022444558	NIPPON STEEL CORPORATION	2023215673	BIRTHGLIDE LIMITED
2022444675	SOMEONE IS ME, LLC; CHAUHAN, S.S.; DAS, A.N.	2023215676	UPL CORPORATION LIMITED; UPL EUROPE LTD
2022444963	SOMEONE IS ME, LLC; CHAUHAN, S.S.; DAS, A.N.	2023215819	GHARDA CHEMICALS LIMITED
2022445508	THE EASTERN COMPANY	2023216156	FISHER & PAYKEL HEALTHCARE LIMITED
2022446043	VOLEX INTERCONNECT SYSTEMS (SUZHOU) CO., LTD.; VOLEX PLC	2023216182	FLUID EQUIPMENT DEVELOPMENT COMPANY, LLC
2022446523	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI	2023216317	ABBOTT LABORATORIES
2022446945	IHI CORPORATION	2023216956	BOLT BIOTHERAPEUTICS, INC.
2022449770	HOYA LENS THAILAND LTD.	2023217030	CATERPILLAR INC.
2022452569	ELECTROLUX APPLIANCES AKTIEBOLAG	2023217078	MADRIGAL PHARMACEUTICALS, INC.
2022452574	ELECTROLUX APPLIANCES AKTIEBOLAG	2023217093	DANTARI, INC.
2022452885	ZHONG, W.	2023217639	SORKIN, F.
2022455534	SUNGROW HYDROGEN SCI.&TECH.CO., LTD	2023217658	FRESH TECHNOLOGY, INC.
2022463976	HALLIBURTON ENERGY SERVICES, INC.	2023217798	SIRIO PHARMA CO., LTD.
2022469340	LENOVO (BEIJING) LIMITED	2023217822	BAKER HUGHES ENERGY TECHNOLOGY UK LIM- ITED
2023207821	NOUSCOM AG	2023218228	MOHAMMADI, M.; MOHAMMADI, A.
2023208234	YELLOWBIRD DIAGNOSTICS INC.	2023218632	CELLAED LIFE SAVER PTY LTD
2023208372	CHIARUGI, A.	2023218930	AKOS BIOSCIENCES, INC.
2023208428	ORION CORPORATION	2023219048	KWD KUPPLUNGSWERK DRESDEN GMBH
2023208439	PURPLE LINE LIMITED	2023219085	VIASAT, INC.
2023208684	MAZE THERAPEUTICS, INC.	2023219106	TARGUS INTERNATIONAL LLC
2023208827	LEARY, S.F.	2023219133	IMMUTEP S.A.S.
2023208926	DILAN, V.	2023219177	ABSCI CORPORATION
2023208933	PURPLE LINE LIMITED	2023219183	WEBB, L.
2023209012	SHANGHAI JUNSHI BIOSCIENCES CO., LTD.	2023219298	CHEVRON U.S.A. INC.
2023209087	MONOGRAM ORTHOPAEDICS INC.	2023219519	BARNET PRODUCTS LLC
2023209223	CHIARUGI, A.	2023219521	BAKER HUGHES OILFIELD OPERATIONS LLC
2023209799	TSG CANADA HOLDINGS INC.	2023219674	CATERPILLAR INC.
2023209896	MONOGRAM ORTHOPAEDICS INC.	2023219691	HOLLISTER INCORPORATED
2023209897	MONOGRAM ORTHOPAEDICS INC.	2023219702	BEYONDSRING PHARMACEUTICALS, INC.
2023209942	MONOGRAM ORTHOPAEDICS INC.	2023219999	QBIOTICS PTY LTD
		2023220079	RANI THERAPEUTICS, LLC
		2023220080	RANI THERAPEUTICS, LLC
		2023220084	KEENAN, J.F.
		2023220093	EXTRACT MANAGEMENT COMPANY, LLC; SHAFER, T.W.; RHYS-DAVIES, J.O.

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

2023220095	TRANSPORT AUTHORITY, INC.		
2023220100	GHARDA CHEMICALS LIMITED		
2023220122	VIZGEN, INC.		
2023220136	TECHTRONIC FLOOR CARE TECHNOLOGY LIMITED	2023225179	LEUCÈMIA JOSEP CARRERAS; INSTITUCIÓ CATALANA DE RECERCA I ESTUDIS AVANÇATS; FUNDACIÓ INSTITUT D'INVESTIGACIÓ EN CIÈNCIES DE LA SALUT GERMANS TRIAS I PUJOL CERES INTELLECTUAL PROPERTY COMPANY LIMITED
2023220155	CATERPILLAR INC.	2023225180	ORIBIOTECH LTD
2023220219	SKYLINE THERAPEUTICS LIMITED	2023225209	CHAIRMAN, DEFENCE RESEARCH AND DEVELOPMENT ORGANIZATION
2023220639	DEMATIC GMBH	2023225240	EVOPOINT BIOSCIENCES CO., LTD.
2023220676	KYUNGPOOK NATIONAL UNIVERSITY INDUSTRY-ACADEMIC COOPERATION FOUNDATION	2023225261	BEUMER GROUP GMBH & CO. KG
2023220801	GREEN HYDROGEN SYSTEMS A/S	2023225298	SALTS HEALTHCARE LIMITED
2023220810	PURAFFINITY LTD	2023225464	OSAKA UNIVERSITY; IDEMITSU KOSAN CO.,LTD.
2023220861	HEXAGON RAGASCO AS	2023225590	ON TARGET LABORATORIES, LLC.
2023220921	BELRON INTERNATIONAL LIMITED	2023225780	SIMPSON STRONG-TIE COMPANY INC
2023220976	SAGE THERAPEUTICS, INC.	2023225791	REVVITY HEALTH SCIENCES, INC.
2023221014	MCCAIN FOODS LIMITED	2023225812	APPARENT LABS, LLC
2023221267	SYNTAX BIO, INC.	2023225858	SUZHOU YABAO PHARMACEUTICAL R & D CO., LTD.
2023221316	THE ALFRED E. MANN FOUNDATION FOR SCIENTIFIC RESEARCH	2023225918	WUHAN CREATERNA SCIENCE AND TECHNOLOGY CO., LTD.
2023221395	HOLLISTER INCORPORATED	2023225954	DEKA BIOSCIENCES, INC.
2023221438	SIZewise RENTALS, L.L.C.	2023226059	METAGENOMI, INC.
2023221552	ARGENX BV	2023226066	CARDIAC DIMENSIONS PTY. LTD.
2023221731	HARIHARAN, N.; COOK, I.; TATE, M.J.; GRAYMONT (NZ) LIMITED	2023226070	BIOATLA, INC.
2023221765	TAGWORKS PHARMACEUTICALS B.V.	2023226130	UNIVERSITE CATHOLIQUE DE LOUVAIN
2023221819	BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.	2023226179	MUSHLABS GMBH
2023221827	CATERPILLAR INC.	2023226251	SALTS HEALTHCARE LIMITED
2023221847	PTC THERAPEUTICS, INC.	2023226293	JUNTENDO EDUCATIONAL FOUNDATION; MEIJI SEIKA PHARMA CO., LTD.
2023221861	RAKUTEN MEDICAL, INC.	2023226294	DUOGENIC STEMCELLS CORPORATION
2023221935	ELEMENT BIOSCIENCES, INC.	2023226400	BORDO INTERNATIONAL PTY. LTD.
2023221944	THE BOARD OF TRUSTEES OF THE UNIVERSITIES OF ILLINOIS	2023226582	T-RIG LIMITED
2023221958	WORCESTER POLYTECHNIC INSTITUTE	2023226606	PLASTIC ENERGY LIMITED
2023221966	PYROTEK, INC.	2023227034	SUZHOU YABAO PHARMACEUTICAL R & D CO., LTD.
2023221984	RANI THERAPEUTICS, LLC	2023227092	UNIVERSITÄT BASEL
2023221992	UNIVERSITY OF CINCINNATI	2023227127	NOVO NORDISK HEALTH CARE AG
2023222045	DIALIGHT CORPORATION	2023227191	ALBEMARLE CORPORATION
2023222086	DANA-FARBER CANCER INSTITUTE, INC.; THE CHILDREN'S MEDICAL CENTER CORPORATION	2023227204	JUNGLE JIM'S ACCESSORY PRODUCTS, INC.
2023222168	MM NEWPORT LTD.	2023227218	POINT BIOPHARMA, INC.
2023222205	QINGDAO JIAONAN HAIER WASHING MACHINE CO., LTD.; QINGDAO HAIER WASHING MACHINE CO., LTD.; HAIER SMART HOME CO., LTD.	2023227387	INTERNATIONAL N&H DENMARK APS
2023222283	XIZANG HAISCO PHARMACEUTICAL CO., LTD.	2023227492	CROWN EQUIPMENT CORPORATION
2023222394	BIOBAB R&D, S.L.	2023227527	NABORS ENERGY TRANSITION SOLUTIONS LLC
2023223243	NORTHWESTERN UNIVERSITY	2023227552	TERAWAVE, LLC
2023223297	MARS, INCORPORATED	2023227555	BONAFIDE HEALTH, LLC
2023223479	THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY	2023227561	SUNTORY HOLDINGS LIMITED
2023223647	AXTER AS	2023227803	2508 BIOSCIENCES LLC
2023224020	PURDUE RESEARCH FOUNDATION	2023227856	NABORS ENERGY TRANSITION SOLUTIONS LLC
2023224052	LEER GROUP	2023227857	NABORS ENERGY TRANSITION SOLUTIONS LLC
2023224125	NUTRITION21, LLC	2023228049	NOVO NORDISK HEALTH CARE AG
2023224213	VDYNE, INC.; VIDLUND, R.; CHRISTIANSON, M.; EK-VALL, C.; VIDLUND, C.; HOLTAN, D.; SAIKRISHNAN, N.	2023228254	I-MAB BIOPHARMA CO., LTD.
2023224332	GTS DEUTSCHLAND GMBH	2023228297	ALIVA AS
2023224439	REALFACEVALUE B.V.	2023228341	BASH BIOTECH INC
2023224459	THE STATE OF ISRAEL, MINISTRY OF AGRICULTURE & RURAL DEVELOPMENT, AGRICULTURAL RESEARCH ORGANIZATION (ARO) (VOLCANI INSTITUTE)	2023228653	DIALIGHT CORPORATION
2023224805	SAFARILAND, LLC	2023228657	NABORS ENERGY TRANSITION SOLUTIONS LLC
2023224888	THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY	2023228702	MEDISCA PHARMACEUTIQUE INC.
2023225017	MESO SCALE TECHNOLOGIES, LLC.	2023228887	NABORS ENERGY TRANSITION SOLUTIONS LLC
2023225035	METAGENOMI, INC.	2023228953	JSC YUKON ADVANCED OPTICS WORLDWIDE
2023225146	WINCLOVE HOLDING B.V.; INSTITUT ALLERGOSAN PHARMAZEUTISCHE PRODUKTE FORSCHUNGS-UND VERTRIEBS GMBH	2023229013	NOVO NORDISK HEALTH CARE AG
2023225164	ONECHAIN IMMUNOTHERAPEUTICS S.L; FUNDACIÓ INSTITUT DE RECERCA CONTRA LA	2023229018	AVANTIUM KNOWLEDGE CENTRE B.V.
		2023229152	PROPELLA THERAPEUTICS, INC.
		2023229265	GRANT PRIDECO, INC.
		2023229536	FOLLEA INTERNATIONAL
		2023229809	FRANKIE4 IP 1 PTY LTD
		2023230271	BARIATEK MEDICAL
		2023230563	AFT PHARMACEUTICALS LTD
		2023230655	EDWARDS LIFESCIENCES CORPORATION
		2023230951	MERCK PATENT GMBH
		2023231135	REYNOLDS CONSUMER PRODUCTS LLC
		2023231139	KUMQUAT BIOSCIENCES INC.
		2023231447	CARLSBERG A/S

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

2023231494	CLEARMIND MEDICINE INC.	2023242754	GRAPHIC PACKAGING INTERNATIONAL, LLC
2023231568	GREENWICH LIFESCIENCES, INC.	2023242798	VALE S.A.
2023231613	FLARE THERAPEUTICS INC.	2023242950	DANSTAR FERMENT AG
2023231637	AMGEN INC.	2023242980	FUJITSU GENERAL LIMITED
2023231747	QUANTUM MOTION TECHNOLOGIES LIMITED	2023243581	RENEWABLE IRON FUEL TECHNOLOGY B.V.
2023231748	SYNGENTA CROP PROTECTION AG	2023244212	BESPAK EUROPE LIMITED
2023232004	DARKTRACE HOLDINGS LIMITED	2023244350	ALLOGENE THERAPEUTICS INC.
2023232250	J.D. NEUHAUS HOLDING GMBH & CO. KG	2023244579	PATHIOS THERAPEUTICS LIMITED
2023232462	MCP GROUP LIMITED	2023244610	ZODIAC POOL CARE EUROPE
2023232542	DE BAETS, J.	2023245642	NATIONAL DIVERSIFIED SALES, INC.
2023232562	EQUASHIELD MEDICAL LTD	2023245899	FOUR PAWS PRODUCTS, LTD.
2023232741	FLARE THERAPEUTICS INC.	2023246859	F. HOFFMANN-LA ROCHE AG
2023232820	MERSANA THERAPEUTICS, INC.	2023247381	CHINA SHENHUA COAL TO LIQUID AND CHEMICAL CO., LTD; CHINA SHENHUA COAL TO LIQUID AND CHEMICAL SHANGHAI RESEARCH INSTITUTE
2023232822	SYNTHEKINE, INC.		
2023232978	DAVEY BICKFORD	2023248687	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
2023232990	OXFORD PHOTOVOLTAICS LIMITED	2023248739	WEIR MINERALS NETHERLANDS B.V.
2023233424	CABIN AIR GROUP B.V.	2023249068	GENENTECH, INC.
2023233593	SINGULAR IMMUNE, INC	2023249326	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
2023233663	PFIZER INC.	2023250009	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
2023233750	LUMENIS LTD.	2023250021	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
2023233892	UCL BUSINESS LTD	2023250352	WEIR MINERALS NETHERLANDS B.V.
2023233922	NOVATEX ITALIA S.P.A.	2023251196	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
2023234045	KABUSHIKI KAISHA TOSHIBA; TOSHIBA INFRA-STRUCTURE SYSTEMS & SOLUTIONS CORPORATION	2023251197	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
		2023251929	SUPERBRANCHE; CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE
2023234386	VMW INTERNATIONAL PTY LTD		
2023234538	BOSTON SCIENTIFIC SCIMED, INC.	2023252507	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
2023234546	PENDULUM THERAPEUTICS, INC.	2023252585	UK NIVD LTD
2023234606	BAXTER INTERNATIONAL INC.; BAXTER HEALTH-CARE SA	2023252612	ALCON INC.
		2023252814	AI21 LABS
2023235390	ABIOMED EUROPE GMBH	2023253739	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
2023236010	GRAPHIC PACKAGING INTERNATIONAL, LLC	2023253783	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
2023236231	SHANGHAI RUNSHI MEDICAL TECHNOLOGY CO., LTD.; SHANGHAI INSTITUTE OF MATERIA MEDICA, CHINESE ACADEMY OF SCIENCES	2023253908	PLANTARC BIO LTD.
	CORN PRODUCTS DEVELOPMENT, INC.	2023254390	ELECTROLUX APPLIANCES AKTIEBOLAG
2023236250	CORN PRODUCTS DEVELOPMENT, INC.	2023257246	SAVAGE MEDICAL, INC.
2023236798	STCUBE & CO., INC.	2023257708	OPTIMA CONSUMER GMBH
2023236837	REVOLVE SURGICAL INC.	2023257992	RAYTHEON COMPANY
2023237499	INNOSPACE CO., LTD	2023258146	KANTONSSPITAL ST. GALLEN
2023237601	OSIVAX	2023258835	NGK INSULATORS, LTD.
2023238217	SILICON QUANTUM COMPUTING PTY LIMITED	2023259645	NOVOZYMES A/S
2023238650	BECTON, DICKINSON AND COMPANY	2023259684	ELISA OYJ
2023238718	EDWARDS LIFESCIENCES CORPORATION	2023260205	BEIJING MABWORKS BIOTECH CO., LTD
2023238724	AMGEN INC.	2023260393	ELECTROLUX APPLIANCES AKTIEBOLAG
2023238748	SOURCE GLOBAL, PBC	2023261122	BGI TIANJIN; TIANJIN MEDICAL LABORATORY, BGI
2023238799	BECTON DICKINSON FRANCE	2023263334	BECTON DICKINSON ROWA GERMANY GMBH
2023238813	EMULSION FLOW TECHNOLOGIES CO., LTD.	2023265424	HALLIBURTON ENERGY SERVICES, INC.
2023239023	KRATOS ANTENNA SOLUTIONS CORPORATION	2023267975	DEEPMIND TECHNOLOGIES LIMITED
2023239359	EXCEPGEN INC	2023271151	CHENGDU DI'A O JIUHONG PHARMACEUTICAL FACTORY
2023239641	XELLSMART BIOMEDICAL (SUZHOU) CO., LTD		
2023239751	PROVINCIAL HEALTH SERVICES AUTHORITY; THE UNIVERSITY OF BRITISH COLUMBIA	2023286309	SAMSUNG ELECTRONICS CO., LTD.
		2023286902	SUNGROW POWER SUPPLY CO., LTD.
2023239896	XIANGBEI WELMAN PHARMACEUTICAL CO., LTD.; GUANGZHOU CENTURY CLINICAL RESEARCH CO., LTD.; GUANGZHOU XIN-CHUANGYI BIOPHARMACEUTICAL CO., LTD.; GUANGZHOU XIN CHUANG YI NEW DRUG R&D CO., LTD; NANJING KANGFUSHUN PHARMACEUTICAL CO., LTD.	2023289158	CROWN EQUIPMENT CORPORATION
		2023292985	HALLIBURTON ENERGY SERVICES, INC.
		2023293953	ADB SAFEGATE BV
2023240329	REVVITY HEALTH SCIENCES, INC.	2023301315	SAMSUNG ELECTRONICS CO., LTD.
2023240333	LOCKHEED MARTIN ENERGY, LLC	2023313077	TREND TOOL TECHNOLOGY LTD
2023240764	INNOSPACE CO., LTD	2023320526	AIHOL CORPORATION
2023240883	HORTON, INC.	2023336074	HANSHOW TECHNOLOGY CO., LTD.
2023241456	HANMI FINE CHEMICAL CO., LTD.	2023337964	RIGETTI & CO, LLC
2023241611	GRAPHIC PACKAGING INTERNATIONAL, LLC	2023342799	SOCIEDAD ESPAÑOLA DE ELECTROMEDICINA Y CALIDAD, S.A.
2023241617	THERAVANCE BIOPHARMA R&D IP, LLC		
2023241697	HOYA LENS THAILAND LTD.	2023358399	JIANGSU ADVANCED CONSTRUCTION MACHINERY INNOVATION CENTER LTD.
2023241904	DASISIMULATIONS LLC		
2023242028	FUJITSU GENERAL LIMITED	2023359030	NANTONG JIANGSHAN AGROCHEMICAL & CHEMICALS CO., LTD.
2023242146	EISAI R&D MANAGEMENT CO., LTD.		
2023242373	SUNTORY HOLDINGS LIMITED	2023361982	GEA MECHANICAL EQUIPMENT ITALIA S.P.A.
2023242469	CYBIN IRL LIMITED	2023361987	ZTE CORPORATION
2023242608	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.	2023364737	WEKABA ENGINEERING (PTY) LTD
		2023387749	CNBM RESEARCH INSTITUTE FOR ADVANCED GLASS MATERIALS GROUP CO., LTD.; TRIUMPH SCIENCE & TECHNOLOGY GROUP CO., LTD.

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

2023387759 QINGDAO YOU MENG HOME FURNISHING TECHNOLOGY CO. LTD.
2023387770 JIANGSU TRUST CROP PROTECTION TECHNOLOGY CO., LTD.; NANJING YOUJU ENVIRONMENTAL PROTECTION MATERIAL CO., LTD.; JIANGSU XINSHENGQI PLASTICS INDUSTRY TECHNOLOGY CO., LTD.
2023397403 UNIVERSITY OF TECHNOLOGY SYDNEY
2023414165 TOPCON POSITIONING SYSTEMS, INC.
2023422810 "BARLINEK" SPÓŁKA AKCYJNA
2024204092 NEURACLE SCIENCE CO., LTD.

IPC Index

<u>A01B 69 /-</u>	<u>A01P 13 /-</u>	2023217798 2023220676 2023227803 2023234546	2023230655 2023236837 2023257246	<u>A61J 1 /-</u>	2023210287 2023213691 2023222086 2023225146 2023225954 2023226130 2023232822 2023233593 2023234546 2023239641	
2023414165	2023359030			2023219702		
<u>A01F 15 /-</u>	<u>A01P 3 /-</u>	<u>A23L 7 /-</u>	<u>A61B 18 /-</u>	<u>A61J 3 /-</u>		
2023233922	2023215676 2023222394	2023249326	2023233750	2023220079 2023220080		
<u>A01G 13 /-</u>	<u>A21D 8 /-</u>	<u>A23L 9 /-</u>	<u>A61B 3 /-</u>	<u>A61K 31 /-</u>		
2023222394	2023242950	2023236250	2023252612	2022443487 2022452885 2023208372 2023208428 2023208684 2023209973 2023210005 2023210287 2023215335 2023215515 2023217078 2023218930 2023219133 2023219702 2023219999 2023220095 2023220676 2023220976 2023221847 2023222283 2023224125 2023225590 2023225858 2023225918 2023225954 2023226293 2023227555 2023227803 2023228341 2023229152 2023230563 2023231139 2023231494 2023231613 2023232741 2023233663 2023236231 2023237601 2023239896 2023241456 2023241617 2023242146 2023242469 2023244579 2023249068 2023271151 2023320526 2024204092	<u>A61K 38 /-</u>	2023207821 2023209012 2023212483 2023219133 2023221944 2023225954 2023226293 2023227034 2023227092 2023229536 2023231568 2023233593 2023239359 2024204092
<u>A01G 18 /-</u>	<u>A23C 11 /-</u>	<u>A23P 30 /-</u>	<u>A61B 34 /-</u>			
2023226179	2023227561 2023250021	2023221014	2023209896 2023209897 2023209942 2023235390 2023236837			
<u>A01G 24 /-</u>	<u>A23C 20 /-</u>	<u>A43B 13 /-</u>	<u>A61B 5 /-</u>			
2023221731	2023221014	2023229809	2023218632 2023219691 2023221316 2023233750 2023235390 2023241904			
<u>A01H 1 /-</u>	<u>A23C 21 /-</u>	<u>A43B 17 /-</u>	<u>A61B 8 /-</u>			
2023231447 2023253908	2023250021	2023229809	2023210193			
<u>A01H 15 /-</u>	<u>A23C 9 /-</u>	<u>A43B 5 /-</u>	<u>A61B 90 /-</u>			
2023226179	2023227387 2023250021	2022440631	2023209897			
<u>A01K 1 /-</u>	<u>A23F 5 /-</u>	<u>A47C 23 /-</u>	<u>A61C 7 /-</u>			
2023245899	2023227561	2023387759	2023232542			
<u>A01K 67 /-</u>	<u>A23K 10 /-</u>	<u>A47C 27 /-</u>	<u>A61C 8 /-</u>			
2022444142	2023223297	2023221438 2023387759	2023232542			
<u>A01M 1 /-</u>	<u>A23K 20 /-</u>	<u>A47F 5 /-</u>	<u>A61F 2 /-</u>			
2023213860	2023223297	2022443619	2023224213 2023226066 2023230271 2023234538 2023238718 2023257246			
<u>A01N 25 /-</u>	<u>A23K 50 /-</u>	<u>A47J 31 /-</u>	<u>A61F 5 /-</u>			
2022443429 2023215676 2023222394	2023223297	2023242608 2023248687 2023251196 2023251197 2023252507 2023253739 2023253783	2023225298 2023226251 2023230271			
<u>A01N 35 /-</u>	<u>A23L 11 /-</u>		<u>A61F 6 /-</u>			
2023222394	2023227561		2022439083 2022439313			
<u>A01N 37 /-</u>	<u>A23L 19 /-</u>		<u>A61G 7 /-</u>			
2023215676	2023221014 2023249326		2023221438			
<u>A01N 43 /-</u>	<u>A23L 2 /-</u>	<u>A47L 5 /-</u>	<u>A61K 33 /-</u>			
2023222394 2023231748 2023359030	2023227561	2023220136	2023219999 2023224888 2023229536 2023242469			
<u>A01N 57 /-</u>	<u>A23L 27 /-</u>	<u>A47L 9 /-</u>	<u>A61K 35 /-</u>			
2023215676	2023221014	2023220136	2023216956 2023217093			
<u>A01N 59 /-</u>	<u>A23L 29 /-</u>	<u>A61B 1 /-</u>				
2023222394	2023220095 2023236250	2022444675 2022444963				
<u>A01N 65 /-</u>	<u>A23L 33 /-</u>	<u>A61B 17 /-</u>				
2023222394	2022439144	2023209896 2023215673				

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

2023218930	<u>A61M 16 /-</u>	2023220976	2023242146	<u>B01D 11 /-</u>	<u>B05B 11 /-</u>
2023219702		2023225858	2023244350		
2023221861	2022444675	2023226130	2023244579	2023238813	2023234386
2023221944	2023216156	2023227034	2023249068		
2023224888		2023231494	2023258146	<u>B01D 19 /-</u>	<u>B05D 1 /-</u>
2023225240	<u>A61M 25 /-</u>	2023239641	2023260205	2023220093	2023223243
2023226070		2023241617	2023320526		
2023227218	2023219691	2023242469		<u>B01D 5 /-</u>	<u>B09B 3 /-</u>
2023227803	2023221395		<u>A61P 37 /-</u>	2023238748	2023224459
2023228254	2023257246	<u>A61P 27 /-</u>			
2023230951			2023212483		
2023232820	<u>A61M 31 /-</u>	2023217798	2023212660	<u>B01D 53 /-</u>	<u>B21C 47 /-</u>
2023241617		2023220219	2023225954		
2023242146	2023220079	2024204092	2023244579	2022440526	2023217639
2023320526	2023220080			2023229265	
	2023221984	<u>A61P 29 /-</u>	<u>A61P 43 /-</u>	2023258835	<u>B21F 11 /-</u>
<u>A61K 48 /-</u>	<u>A61M 5 /-</u>	2023217798			2023217639
		2023230563	2023208372		
2023210287	2023222168		2023213334	<u>B01D 61 /-</u>	<u>B21F 23 /-</u>
2023215308	2023228297	<u>A61P 3 /-</u>	2023225146	2023216182	2023217639
2023223479	2023232562		2023226293		
<u>A61K 49 /-</u>	2023234538	2023208372	2023230563	<u>B01D 63 /-</u>	<u>B22D 21 /-</u>
	2023238799	2023215515		2023258835	2023221966
2023208234	<u>A61M 60 /-</u>	2023226130	<u>A61P 5 /-</u>		
2023215335		2023271151	2023217078	<u>B01D 65 /-</u>	<u>B22F 1 /-</u>
2023251929	2023235390	<u>A61P 31 /-</u>		2023258835	2023223243
<u>A61K 51 /-</u>	<u>A61N 1 /-</u>	2023224888	<u>A61P 7 /-</u>		
			2023210287	<u>B01D 69 /-</u>	<u>B23B 51 /-</u>
2023215335	2023218632	<u>A61P 35 /-</u>	2023217798		
2023227218			2023227127	2022440526	2023226400
2023239751	<u>A61N 5 /-</u>	2022443487	2023228049	2022443634	
2023260205		2022452885	2023229013		
<u>A61K 8 /-</u>	2023219999	2023207821	<u>A61P 9 /-</u>	<u>B01D 71 /-</u>	<u>B23Q 39 /-</u>
		2023209012		2022440526	2023217639
2022442529	<u>A61P 1 /-</u>	2023210005	2023212660	2022443634	
2023211717		2023210897	2023217798		
2023219519	2023208372	2023212483	2023239641	<u>B01F 23 /-</u>	<u>B25D 9 /-</u>
2023220676	2023209223	2023212660	2023258146		2023226582
<u>A61K 9 /-</u>	2023212660	2023213334		2022442529	<u>B25J 5 /-</u>
	2023213334	2023213691	<u>A61Q 11 /-</u>		
2022443487	<u>A61P 11 /-</u>	2023215335		<u>B01J 19 /-</u>	2022443619
2023208234		2023215383	2023211717		
2023210287	2023217798	2023216956	<u>A61Q 19 /-</u>	2022443429	<u>B25J 9 /-</u>
2023217093	<u>A61P 13 /-</u>	2023217093		2023258835	2022443619
2023217798		2023219133	2022442529		
2023218930	2023212660	2023219999	2023219519	<u>B01J 20 /-</u>	<u>B26D 7 /-</u>
2023219702		2023212483	2023220676		
2023219999	<u>A61P 17 /-</u>	202321944	2023224125	2023220810	2023226582
2023220095		2023222086			
2023233593	2023220676	2023222283	<u>A61Q 5 /-</u>	<u>B01J 27 /-</u>	2023217639
2023241617	2023224125	2023225164		2023225464	<u>B27F 5 /-</u>
2023242146	2023225918	2023225240	2023219519	2023247381	2023313077
	2023233663	2023225858	2023224125		
<u>A61L 2 /-</u>		2023226070	<u>A63B 102 /-</u>	<u>B01J 31 /-</u>	<u>B29B 17 /-</u>
	<u>A61P 19 /-</u>	2023226293		2022443573	2023229018
2022443429		2023227218	2023208827		
	2023217798	2023228254	<u>A63B 59 /-</u>	<u>B01J 35 /-</u>	<u>B31B 170 /-</u>
<u>A61L 9 /-</u>	2023225918	2023228341		2023247381	2023236010
		2023229152	2023208827		
2023213860	<u>A61P 21 /-</u>	2023230951	<u>A63B 60 /-</u>	<u>B01L 3 /-</u>	<u>B31B 50 /-</u>
		2023231568		2023225791	2023222168
<u>A61M 11 /-</u>	2023209973	2023231613	2023208827		
	2023221552	2023232741	<u>A63B 69 /-</u>	<u>B01L 9 /-</u>	<u>B31B 70 /-</u>
2023244212	2023227092	2023232820		2023210022	2023236010
	2023246859	2023233593	2023208827		
<u>A61M 15 /-</u>		2023236231			
	<u>A61P 25 /-</u>	2023238724			
2023244212		2023239641			
	2023208428	2023239751			
	2023217798	2023239896			

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

<u>B32B 3 /-</u>	<u>B62D 15 /-</u>	<u>B65D 47 /-</u>	<u>B66D 3 /-</u>	<u>C04B 111 /-</u>	2023217078 2023222283 2023225918 2023228341 2023236231 2023239896
2023245899	2023414165	2023234386	2023232250	2023221958	
<u>B32B 5 /-</u>	<u>B62H 3 /-</u>	<u>B65D 5 /-</u>	<u>B66F 9 /-</u>	<u>C04B 41 /-</u>	
2023245899	2022440230	2023222168 2023241611	2023227492 2023289158	2023221958	
<u>B33Y 50 /-</u>	<u>B62H 5 /-</u>	<u>B65D 6 /-</u>	<u>B82B 3 /-</u>	<u>C07B 59 /-</u>	<u>C07D 403 /-</u>
2023221395	2023227204	2023236010	2023223243	2023227218	2023215515 2023216956 2023228341 2023231613
<u>B33Y 80 /-</u>	<u>B62M 11 /-</u>	<u>B65D 65 /-</u>	<u>B82Y 10 /-</u>	<u>C07C 255 /-</u>	<u>C07D 405 /-</u>
2023221395	2023220084	2022439313 2023387770	2023238217 2023337964	2023220100	2023208428 2023215383 2023271151
<u>B60B 33 /-</u>	<u>B62M 3 /-</u>	<u>B65D 67 /-</u>	<u>B82Y 30 /-</u>	<u>C07C 317 /-</u>	
2023209087	2022440631	2022439313	2023208234 2023223243	2023232741	<u>C07D 413 /-</u>
<u>B60J 7 /-</u>	<u>B62M 9 /-</u>	<u>B65D 71 /-</u>	<u>B82Y 40 /-</u>	<u>C07C 323 /-</u>	2023225918 2023228341 2023244579 2023271151
2023224052	2023220084	2023215466 2023242754	2023223243 2023238217	2023232741	
<u>B60L 5 /-</u>	<u>B64F 1 /-</u>	<u>B65D 85 /-</u>	<u>B82Y 5 /-</u>	<u>C07C 9 /-</u>	<u>C07D 417 /-</u>
2023219674	2023293953	2023242608 2023250009	2023208234	2022442529	2023228341 2023244579 2023271151
<u>B60L 53 /-</u>	<u>B65B 1 /-</u>	<u>B65D 88 /-</u>	<u>C01B 11 /-</u>	<u>C07D 209 /-</u>	
2022440229 2022440230 2022446043 2023244610	2023232562 2023257708	2023237499	2022443429	2023232741	<u>C07D 471 /-</u>
<u>B60M 1 /-</u>	2023222168 2023233922	<u>B65D 90 /-</u>	<u>C01B 23 /-</u>	<u>C07D 213 /-</u>	2023222283 2023225858 2023232741 2023244579 2023271151
2023219674	<u>B65B 25 /-</u>	2023237499	2022443634	2023215383 2023231748 2023232741 2023236231	<u>C07D 487 /-</u>
<u>B60P 1 /-</u>	2023257708	<u>B65G 1 /-</u>	2023258835	<u>C07D 215 /-</u>	2023210005 2023221847 2023222283
2023219183	<u>B65B 27 /-</u>	2022443619 2023263334	<u>C01B 32 /-</u>	2023231613 2023242146	<u>C07D 217 /-</u>
<u>B60P 3 /-</u>	2023233922	<u>B65G 47 /-</u>	2023225464 2023227527 2023227856 2023227857 2023228657 2023228887	2023232741 2023244579	<u>C07D 491 /-</u>
2023219183 2023227204	<u>B65B 3 /-</u>	2023225261 2023263334	<u>C01B 39 /-</u>	<u>C07D 221 /-</u>	<u>C07D 519 /-</u>
<u>B60P 7 /-</u>	2023232562	<u>B65G 61 /-</u>	2022440526	2023239896	2023210005
2023219183	<u>B65B 31 /-</u>	2023220639	<u>C01D 15 /-</u>	<u>C07D 223 /-</u>	<u>C07H 1 /-</u>
<u>B60R 25 /-</u>	2023257708	<u>B65G 65 /-</u>	2023227191	2023216956	2023241456
2023227204	<u>B65B 39 /-</u>	2023225261	<u>C01F 11 /-</u>	<u>C07D 231 /-</u>	<u>C07H 15 /-</u>
<u>B60T 1 /-</u>	2023257708	<u>B65G 69 /-</u>	2023211717	2023232741	2023216956
2023227204	<u>B65D 1 /-</u>	2023225261	<u>C02F 1 /-</u>	<u>C07D 239 /-</u>	<u>C07H 21 /-</u>
<u>B60W 10 /-</u>	2023224020 2023228702 2023236010 2023387770	2023217639	2023216182 2023220810	2023228341	2023241456
2023414165	<u>B65D 21 /-</u>	<u>B66B 19 /-</u>	<u>C04B 103 /-</u>	<u>C07D 307 /-</u>	<u>C07K 1 /-</u>
<u>B61D 3 /-</u>	2023236010	2022442354 2022443583	2023221958	2023229018	2023225791 2023227218 2023239751
2023209799	<u>B65D 25 /-</u>	<u>B66D 1 /-</u>		<u>C07D 401 /-</u>	
<u>B61D 5 /-</u>	2023228702	2023232250		2023216956	
2023209799	<u>B65D 43 /-</u>				
<u>B61L 1 /-</u>	2023224332				
2023224332					

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

<u>C07K 14/-</u>	<u>C08G 63/-</u>	<u>C10N 50/-</u>	<u>C12N 7/-</u>	<u>C23C 22/-</u>	<u>D21H 23/-</u>
2023207821	2022443573	2023219298	2023207821	2022444558	2023218228
2023212483	2023387770	<u>C10N 70/-</u>	<u>C12N 9/-</u>		
2023215308		2023219298	2023221267	<u>C23C 28/-</u>	<u>D21H 27/-</u>
2023220219	<u>C08G 64/-</u>	2023221958	2023221935	2022444558	2023218228
2023221765	2023387770	202322086	2023221958		2023224020
2023221944		2023222086	2023222086	<u>C25B 1/-</u>	
2023222086	<u>C08G 69/-</u>	2023225035	2023222086	2022434711	<u>D21J 1/-</u>
2023225164	2022443573	2023226059	2023227387	2023220801	2023224020
2023227092		2023242950	2023227387	2023225464	
2023227387	<u>C08J 11/-</u>	2023250021	2023250021		<u>D21J 3/-</u>
2023232822	2022443573	<u>C12G 3/-</u>	<u>C12P 19/-</u>	<u>C25B 11/-</u>	2023224020
2023233593	2023229018	2023242373	2023224888	2023225464	<u>E02D 5/-</u>
2023237601	<u>C08K 3/-</u>	<u>C12M 1/-</u>	<u>C12P 21/-</u>	<u>C25B 13/-</u>	2023364737
2023239359	2023223243	2023225180	2023212483	2023225464	<u>E02F 9/-</u>
2023239751	<u>C08L 1/-</u>	2023225791		<u>C25B 15/-</u>	2023217030
2023244350	2023224020	2023226294	<u>C12P 7/-</u>	2022434711	2023221827
2023250021		<u>C12M 3/-</u>	2023259645	2022455534	<u>E03B 3/-</u>
2023259645	<u>C08L 67/-</u>	2023225180	<u>C12Q 1/-</u>	2023220801	<u>E03B 3/-</u>
	2022443573	<u>C12N 1/-</u>	2023220122	<u>C25B 9/-</u>	2023238748
<u>C07K 16/-</u>		2023210287	2023221935	2022434711	<u>E04B 1/-</u>
2023207821	<u>C08L 77/-</u>	2023221944	2023221992	2022455534	2023225209
2023209012	2022443573	2023226179	2023223479	2023220801	2023225780
2023209223		2023227387	2023225791	2023225464	2023232462
2023210897	<u>C09B 69/-</u>	2023234546	2023234546	<u>C25C 1/-</u>	<u>E04B 5/-</u>
2023212483	2023238650	<u>C12N 15/-</u>	2023253908	2023231135	2023232462
2023213334		2023209012	2023261122		
2023213691	<u>C09K 101/-</u>	202320973	<u>C12R 1/-</u>	<u>C25C 3/-</u>	2023232462
2023221552	2023221731	2023210287	2023242950	2023231135	<u>E04C 5/-</u>
2023221861		2023210897	2023259645		2023217639
2023221944	<u>C09K 17/-</u>	2023212483	<u>C21B 15/-</u>	<u>D01F 2/-</u>	<u>E04F 13/-</u>
2023222086	2023221731	2023213334	2023242798	2023397403	2023211971
2023225164		2023220122	<u>C21B 3/-</u>	<u>D04B 21/-</u>	<u>E04F 15/-</u>
2023225240	<u>C09K 23/-</u>	2023220219	2023242798	2023233922	2023422810
2023226070	2022442529	2023221267	<u>C22B 1/-</u>	<u>D06F 35/-</u>	<u>E04F 21/-</u>
2023226293		2023223479	2023225035	2023209965	2023211971
2023227127	<u>C10G 1/-</u>	2023223479	2023226059	<u>D06F 39/-</u>	<u>E04H 15/-</u>
2023228049	2023226606	2023227092	2023227092	2023222205	2023208439
2023229013	2023247381	2023231637	2023242798	<u>D06F 58/-</u>	2023208933
2023231637		2023232822	<u>C22B 5/-</u>	2022441670	<u>E04H 4/-</u>
2023232822	<u>C10G 31/-</u>	2023233593	2023242798	<u>D06M 13/-</u>	2023244610
2023233593	2023226606	2023239359	<u>C22C 1/-</u>	2023229018	<u>E05B 47/-</u>
2023236798		2023239641	2023221966	<u>D07B 1/-</u>	2022445508
2023238724	<u>C10L 3/-</u>	2023241456	<u>C22F 1/-</u>	2023233424	<u>E05B 63/-</u>
2023244350	2023229265	2023242950	2023221966	<u>D21H 19/-</u>	2022445508
2023246859		2023253908	<u>C23C 14/-</u>		
2023258146	<u>C10M 121/-</u>	<u>C12N 5/-</u>	2023232990		
2023260205	2023219298	2023210897	<u>C23C 2/-</u>	2023218228	
2024204092	2023226606	2023213140		2023224020	
	2023247381	2023213691			
<u>C07K 19/-</u>		2023222086			
2023212483	<u>C10N 20/-</u>	2023231637			
2023239641	2023219298	2023233593			
		2023239359			
<u>C07K 7/-</u>	<u>C10N 30/-</u>	2023239641			
2023227218	2023219298	2023241456			
2023239751		2023242950			
	<u>C10N 121/-</u>	2023253908			
<u>C08B 16/-</u>	2023219298				
2023397403					
	<u>C10N 20/-</u>				
<u>C08F 120/-</u>	2023219298				
2022443573					
	<u>C10N 30/-</u>				
<u>C08F 220/-</u>	2023219298				
2022443573					

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

<u>E05C 3/-</u>	<u>F02C 6/-</u>	2023220861	<u>F25B 40/-</u>	<u>G01N 27/-</u>	<u>G05B 17/-</u>
2022445508	2022446945	<u>F17C 3/-</u>	2022441416	2023220801	2023217030
<u>E05D 11/-</u>	<u>F02C 7/-</u>	2023240764	<u>F25B 49/-</u>	2023221992	<u>G05B 19/-</u>
2023313077	2022446945	<u>F21K 9/-</u>	2022441416	2023225791	
<u>E05D 7/-</u>	<u>F04B 43/-</u>	2023228653	<u>F25B 9/-</u>	2023240329	2023234606
2023214805	2023228297	<u>F21V 21/-</u>	2022441416	<u>G01N 29/-</u>	<u>G05D 1/-</u>
<u>E21B 17/-</u>	<u>F04B 53/-</u>	2023210022	<u>F25D 11/-</u>	2023361982	2023289158
2023265424	2023228297	<u>F21V 29/-</u>	2022452569	<u>G01N 30/-</u>	<u>G06F 16/-</u>
<u>E21B 23/-</u>	<u>F04D 29/-</u>	2023222045	<u>F25D 21/-</u>	2023213987	2023219177
2023219521	2022446523	<u>F23D 1/-</u>	2022452569	<u>G01N 33/-</u>	2023232004
<u>E21B 29/-</u>	<u>F16B 5/-</u>	2023243581	<u>F25D 3/-</u>	2023207821	<u>G06F 21/-</u>
2023219521	2023211971	<u>F23K 5/-</u>	2023214502	2023213987	2022443675
2023223647	<u>F16D 121/-</u>	2022446945	<u>F28D 20/-</u>	2023216317	2023232004
<u>E21B 31/-</u>	2023240883	<u>F24C 15/-</u>	2023217822	2023233593	
2023223647	<u>F16D 3/-</u>	2023260393	<u>F41A 17/-</u>	2023236798	<u>G06F 3/-</u>
<u>E21B 33/-</u>	2023219048	<u>F24C 3/-</u>	2023224805	2023238650	2023221819
2023265424	<u>F16D 35/-</u>	2023254390	<u>F41C 33/-</u>	2023252585	
<u>E21B 34/-</u>	2023240883	<u>F24F 1/-</u>	2023224805	<u>G01R 1/-</u>	<u>G06F 40/-</u>
2022463976	<u>F16H 3/-</u>	2023242980	<u>F41H 7/-</u>	2023219106	2023252814
2023219521	2023358399	<u>F24F 13/-</u>	2022440506	<u>G01R 11/-</u>	2023267975
<u>E21B 36/-</u>	<u>F16H 57/-</u>	2023242980	<u>F42B 3/-</u>	2023219106	<u>G06F 9/-</u>
2023217822	2023358399	<u>F24F 3/-</u>	2023232978	<u>G01R 15/-</u>	2023211553
<u>E21B 41/-</u>	<u>F16K 1/-</u>	2023238748	<u>F42C 11/-</u>	2023220801	<u>G06K 19/-</u>
2023292985	2023248739	<u>F24F 8/-</u>	2023232978	<u>G01R 19/-</u>	2023219177
<u>E21B 43/-</u>	2023250352	2023213860	<u>F42D 1/-</u>	2023220801	2023242608
2023220093	<u>F16K 31/-</u>	<u>F24H 1/-</u>	2023232978	<u>G01R 22/-</u>	<u>G06N 10/-</u>
2023292985	2023250352	2023211879	<u>G01D 5/-</u>	2023219106	2023231747
<u>E21B 49/-</u>	<u>F16K 47/-</u>	2023225812	2023242608	<u>G01R 31/-</u>	2023238217
2023292985	2023248739	<u>F24H 15/-</u>	<u>G01F 1/-</u>	2023220155	2023337964
<u>E21D 20/-</u>	<u>F16L 25/-</u>	2023211879	2023361982	<u>G01S 13/-</u>	2023219177
2023364737	2023245642	<u>F24H 9/-</u>	<u>G01F 15/-</u>	2022440272	2023336074
<u>E21D 21/-</u>	<u>F16L 3/-</u>	2023225812	2023361982	2023227492	2023210193
2023364737	2023210022	<u>F25B 1/-</u>	<u>G01F 23/-</u>	<u>G01S 15/-</u>	2023219177
<u>F01D 5/-</u>	<u>F16L 59/-</u>	2022441416	2023220861	2023227492	2023221267
2022446523	2023217822	2023242028	<u>G01N 15/-</u>	<u>G01S 17/-</u>	2023259684
<u>F01K 9/-</u>	<u>F17C 1/-</u>	<u>F25B 25/-</u>	2023213140	2023227492	2023267975
2022446945	2023220861	<u>F25B 39/-</u>	<u>G01N 21/-</u>	<u>G01V 3/-</u>	2023267975
<u>F02B 39/-</u>	<u>F17C 13/-</u>	2023242980	2023225017	2023224332	<u>G06Q 10/-</u>
2022446523	2023214502			<u>G02C 13/-</u>	2023210692
				2023241697	2023217658
				<u>G02C 7/-</u>	2023234606
				2022449770	<u>G06Q 20/-</u>
				2023241697	2023211553
					2023212035
					2023336074

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

<u>G06Q 40 /-</u>	<u>H01L 21 /-</u>	<u>H03K 17 /-</u>	<u>H04W 76 /-</u>
2023212035	2023233892	2023224332	2023286309 2023301315
<u>G06Q 50 /-</u>	<u>H01L 29 /-</u>	<u>H03L 7 /-</u>	<u>H04W 84 /-</u>
2023217658	2022442257	2023257992	2022452574 2023286309 2023301315
<u>G06T 11 /-</u>	<u>H01L 31 /-</u>	<u>H04B 1 /-</u>	<u>H05B 47 /-</u>
2023224439	2023387749	2022442257	2023293953
<u>G06T 7 /-</u>	<u>H01M 4 /-</u>	<u>H04B 7 /-</u>	<u>H05G 1 /-</u>
2022444278 2023241904	2023240333	2022441158	2023342799
<u>G06V 10 /-</u>	<u>H01M 8 /-</u>	<u>H04L 12 /-</u>	<u>H10N 60 /-</u>
2023336074	2022434711 2023240333	2022452574	2023337964
<u>G07C 5 /-</u>	<u>H01Q 1 /-</u>	<u>H04L 27 /-</u>	<u>H10N 69 /-</u>
2023220921	2023293953	2023227552	2023337964
<u>G07F 19 /-</u>	<u>H01Q 3 /-</u>	<u>H04L 49 /-</u>	
2023212035	2023239023	2023234045	
<u>G09B 19 /-</u>	<u>H01Q 9 /-</u>	<u>H04L 5 /-</u>	
2023234606	2022442257 2023293953	2023361987	
<u>G09B 5 /-</u>	<u>H01R 103 /-</u>	<u>H04L 67 /-</u>	
2023234606	2022446043	2023220921 2023234045	
<u>G16B 15 /-</u>	<u>H01R 13 /-</u>	<u>H04N 23 /-</u>	
2023219177	2022446043 2023210022	2023208926 2023228953	
<u>G16B 20 /-</u>	<u>H01R 24 /-</u>	<u>H04W 12 /-</u>	
2023219177 2023261122	2022446043	2022452574 2023259684	
<u>G16B 30 /-</u>	<u>H01R 4 /-</u>	<u>H04W 24 /-</u>	
2023231447	2023286902	2022469340	
<u>G16H 15 /-</u>	<u>H02G 11 /-</u>	<u>H04W 28 /-</u>	
2023241904	2023210022	2023301315	
<u>G16H 20 /-</u>	<u>H02G 3 /-</u>	<u>H04W 4 /-</u>	
2022441295 2023234606	2023210022	2022452574 2023259684	
<u>G16H 40 /-</u>	<u>H02J 50 /-</u>	<u>H04W 52 /-</u>	
2023234606	2023219106	2023286309 2023301315	
<u>G16H 50 /-</u>	<u>H02M 3 /-</u>	<u>H04W 56 /-</u>	
2022441295	2023225812	2023219085 2023361987	
<u>G16H 80 /-</u>	<u>H02S 10 /-</u>	<u>H04W 72 /-</u>	
2023234606	2023225812	2022442704 2023219085 2023361987	
<u>H01H 1 /-</u>	<u>H02S 40 /-</u>		
2023220155	2023225812		

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 (51) Int. Cl.
G01S 17/89 (2020.01)
G02B 6/00 (2006.01)
G06T 3/40 (2006.01)
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A61B 5/145 (2006.01)
A61B 5/1473 (2006.01)
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A61K 51/08 (2006.01)
A61P 35/00 (2006.01)
C07B 59/00 (2006.01)
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B65G 1/04 (2006.01)
B66C 1/10 (2006.01)
E04G 21/16 (2006.01)
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B61F 5/14 (2006.01)
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C09D 5/16 (2006.01)
C09D 143/04 (2006.01)
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C07K 14/715 (2006.01)
A61K 38/17 (2006.01)
C07K 14/72 (2006.01)
C12N 5/078 (2010.01)
C12N 15/62 (2006.01)
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 (54) RADIO THERAPY APPLICATOR
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A61N 5/01 (2006.01)
A61B 17/34 (2006.01)
A61N 5/10 (2006.01)
 (87) WO2022/189987
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 A61B 90/50 (2016.01)
 A61B 50/28 (2016.01)
 A61G 12/00 (2006.01)
 F16M 13/02 (2006.01)
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 F21V 17/02 (2006.01)
 F21V 23/04 (2006.01)
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 G01J 1/02 (2006.01)
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 (51) Int. Cl.
 C07K 16/46 (2006.01)
 A61K 39/395 (2006.01)
 A61P 35/00 (2006.01)
 C12N 15/13 (2006.01)
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 A63F 7/00 (2006.01)
 A63F 9/02 (2006.01)
 A63F 13/58 (2014.01)
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 (74) Intellepro Patent & Trade Mark Attorneys
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 (51) Int. Cl.
 H04L 67/54 (2022.01)
 G06F 3/16 (2006.01)
 G06F 21/32 (2013.01)
 G10L 15/00 (2013.01)
 G10L 17/00 (2013.01)
 H04L 67/30 (2022.01)
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 (74) FPA Patent Attorneys Pty Ltd
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 (51) Int. Cl.
 H02J 50/90 (2016.01)
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 H02J 50/40 (2016.01)
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C07H 1/00 (2006.01)
B01J 8/00 (2006.01)
C07H 21/00 (2006.01)
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G01B 11/06 (2006.01)
G01B 11/24 (2006.01)
G01C 15/00 (2006.01)
G01N 21/954 (2006.01)
G01S 17/89 (2006.01)
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H01G 11/32 (2013.01)
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A61K 31/195 (2006.01)
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F16G 11/10 (2006.01)
A62B 9/00 (2006.01)

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F16B 2/16 (2006.01)
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F04B 1/04 (2006.01)
F04B 39/06 (2006.01)
F28D 1/047 (2006.01)
F28F 1/36 (2006.01)
F28F 1/40 (2006.01)
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E21B 41/00 (2006.01)
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F28D 1/03 (2006.01)
F28F 3/12 (2006.01)
F28F 9/22 (2006.01)
H01L 23/34 (2006.01)
H05K 7/20 (2006.01)
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A01K 89/01 (2006.01)
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G10L 15/22 (2006.01)
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A61F 2/02 (2006.01)
A61F 5/00 (2006.01)
F04C 2/10 (2006.01)
A61F 2/04 (2013.01)
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B32B 15/08 (2006.01)
B32B 15/092 (2006.01)
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C22C 18/04 (2006.01)
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G06Q 40/08 (2012.01)
G06T 7/00 (2017.01)
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 C12P 1/02 (2006.01)
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 A61B 1/045 (2006.01)
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 A47L 9/22 (2006.01)
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H02J 3/32 (2006.01)
B60L 53/30 (2019.01)
B60L 53/50 (2019.01)
H02J 3/06 (2006.01)
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G01S 7/00 (2006.01)
G01C 15/00 (2006.01)
G06T 5/00 (2006.01)
G06V 20/00 (2022.01)
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B62D 5/06 (2006.01)
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 (54) Wireless multi-carrier configuration and
 selection
 (51) Int. Cl.
H04W 4/00 (2018.01)
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 (87) WO2022/027675
 (43) 10.02.2022
 (44) 05.09.2024
 (72) LU, Ting; DAI, Bo; SHA, Xiubin
 (74) Pizzeyes Patent and Trade Mark Attor-
 neys Pty Ltd

(71) ZTE CORPORATION
 (11) AU-B-2020470208
 (21) 2020470208 (22) 30.09.2020
 (54) METHOD AND APPARATUS OF SYS-
 TEM INFORMATION TRANSMISSION
 (51) Int. Cl.
H04W 72/04 (2023.01)
H04B 7/185 (2006.01)
 (87) WO2022/067717
 (43) 07.04.2022
 (44) 05.09.2024
 (72) DAI, Jianqiang; ZHANG, Nan; DOU, Ji-
 anwu; CAO, Wei; ZHANG, Chenchen
 (74) Spruson & Ferguson

(71) Zymedi Co., Ltd.
 (11) AU-B-2019341266
 (21) 2019341266 (22) 17.09.2019
 (54) Antibody for specifically binding to
 Lysyl-tRNA synthetase N-terminal do-
 main exposed to extracellular mem-
 brane
 (51) Int. Cl.
C07K 16/40 (2006.01)
A61P 35/00 (2006.01)
G01N 33/574 (2006.01)
 (87) WO2020/060156
 (31) 10-2018-0111046 (32) 17.09.18 (33) KR
 (43) 26.03.2020

Numerical Index

2017258105	Regeneron Pharmaceuticals, Inc.	2018386711	SGK Lifters Pty Ltd
2017299175	F-star Therapeutics Limited	2018387477	HIGHCOM LIMITED
2017305345	President and Fellows of Harvard College	2018389897	Hilti Aktiengesellschaft
2017311698	Entera Bio Ltd.	2018392074	SSP Co., Ltd., Japan
2017319728	Mapi Pharma Ltd	2018395245	Sleep Number Corporation; Young, S.
2017321973	Dana-Farber Cancer Institute, Inc.	2018395495	Osaka University
2017325654	Visterra, Inc.	2018395958	Henkel AG & Co. KGaA
2017339856	Pfizer Inc.; Merck Patent GmbH	2018397294	FCI Holdings Delaware, Inc.
2017342880	Suzhou Suncadia Biopharmaceuticals Co., Ltd.; Ji- angsu Hengrui Medicine Co., Ltd.	2018397331	Thales
2017345430	Sangamo Therapeutics, Inc.	2018410668	Electrolux do Brasil S.A.
2017441427	GE Renewable Technologies	2018416009	Patients Pending Ltd.
2017443536	Essity Hygiene and Health Aktiebolag	2018419035	Hangzhou United Tools Co., Ltd.; Hangzhou Great Star Industrial Co., Ltd.
2017443632	Foresee Pharmaceuticals Co., Ltd.	2018422053	Turun yliopisto
2017445026	Kraft Foods Group Brands LLC	2018424192	Axon Enterprise, Inc.
2018200027	Mills Display Limited	2018424296	Electrolux Professional AB (publ)
2018204139	Deere & Company	2018443041	Sulbana AG
2018204155	SwarmFarm Robotics Pty Ltd	2018445763	Xuzhou XCMG Environment Technology Co., Ltd.
2018204704	CCC Information Services	2018447232	GUANGDONG OPPO MOBILE TELECOMMUNICA- TIONS CORP., LTD.
2018213374	NGM Biopharmaceuticals, Inc.	2018448175	Guangdong OPPO Mobile Telecommunications Corp.,Ltd.
2018213395	Intrexon Corporation	2018452962	GUANGDONG OPPO MOBILE TELECOMMUNICA- TIONS CORP., LTD.
2018222972	O'Brien, G.; Dridan, M.	2019200089	Eyesense GmbH
2018229458	Britax Römer Kindersicherheit GmbH	2019201026	Jay-Lor International Inc.
2018238010	ExoProther Medical Ltd.	2019201845	Aktiebolaget SKF
2018260469	Collectis	2019203317	OilQuick Deutschland KG
2018265466	argenx BVBA	2019203700	Ingenico Belgium
2018266606	Codexis, Inc.	2019203875	CATERPILLAR INC.
2018266879	Board of Regents, The University of Texas System	2019207613	Edwards Lifesciences Corporation
2018267560	Coexpair s.a.	2019209492	Nuvera Fuel Cells, LLC
2018271132	Country Cocky Pty Ltd	2019213351	Caterpillar Global Mining LLC
2018278932	CFT GmbH Compact Filter Technic	2019213527	Monkilowatt
2018278969	Caterpillar Inc.	2019217628	Gen-Probe Incorporated
2018294213	BASF SE	2019218389	LanzaTech, Inc.
2018301160	FNV IP B.V.	2019218656	Weatherford U.K. Limited
2018315240	Mast Group Limited	2019218744	Halliburton Energy Services, Inc.
2018321972	Nutech Ventures, Inc.	2019220306	LACE
2018323443	The United States of America, as represented by The Secretary, Department of Health and Human Services; University of Maryland, Baltimore	2019220619	Medtrade Products Limited
2018324296	Justrite Manufacturing Company, LLC	2019221081	Spinex Pty Ltd
2018332158	Cardinal Health 529, LLC	2019222747	Arcus Biosciences, Inc.
2018332159	Cardinal Health 529, LLC	2019223659	F. Hoffmann-La Roche AG
2018335112	Abiomed Europe GmbH	2019223757	Syngenta Crop Protection AG
2018335248	Beele Engineering B.V.	2019224665	Hovione Scientia Limited
2018341096	IPGO Europe Kft.	2019227979	Allogene Therapeutics, Inc.
2018341897	Illinois Tool Works Inc.	2019232022	Rite-Hite Holding Corporation
2018342064	Research Triangle Institute	2019232896	Freudenberg Medical, LLC
2018343115	Petróleo Brasileiro S.A. - Petrobras	2019236482	Zonit Structured Solutions, LLC
2018346949	Goodrich, D.	2019239705	GammaDelta Therapeutics Ltd
2018347600	Red Leaf Resources, Inc.	2019240309	Cargill, Incorporated
2018349180	Petróleo Brasileiro S.A. - Petrobras	2019242467	Fujitsu General Limited
2018351320	New York Society for the Relief of the Ruptured and Crippled, Maintaining the Hospital for Special Surgery	2019246424	L'air Liquide, Societe Anonyme Pour L'etude Et L'exploitation Des Procedes Georges Claude
2018351502	Purdue Pharma L.P.	2019248537	Humanscale Corporation
2018353148	Quanta Associates, L.P.	2019248573	Nouryon Chemicals International B.V.
2018353527	Alcon Inc.	2019250236	General Electric Renovables España, S.L.
2018355178	Raptor Vision, LLC	2019250779	E M & I (Maritime) Limited
2018355888	Kenfam Pty Ltd	2019251221	Qualcomm Incorporated
2018355910	Waterloo Controls Inc.	2019251293	FLOWSERVE PTE. LTD.
2018360622	Noble House Group Pty. Ltd.	2019251362	SafeAI, Inc.
2018361715	Sure Retractors Limited	2019254466	ENI S.p.A.
2018367278	SWM Luxembourg	2019254665	HealthUp Sp. z o.o.
2018371168	Torqur AG	2019255603	University of Pittsburgh - of the Commonwealth System of Higher Education
2018377861	Queensland University of Technology	2019261329	Inspirmed Corp.
2018378653	Cornell University	2019262590	Immune Targeting Inc.
2018378699	Tyco Fire Products LP	2019269348	Venturi, M.
2018379114	RealmFive, Inc.		
2018382228	Minetometal Pty Ltd		

Applications Accepted - Numerical Index cont'd

2019271971	Smart Wires Inc.	2020287119	Macaluso, A.
2019275563	Prysmian S.p.A.	2020299436	Kemira Oyj
2019277464	Inspire Medical Systems, Inc.	2020314335	TURNA d.o.o.
2019278631	Toyo Aluminium Kabushiki Kaisha	2020318112	WUXI XDC SINGAPORE PRIVATE LIMITED
2019280681	TDW Delaware, Inc.	2020325723	Cambridge Enterprise Limited
2019280689	Crinetics Pharmaceuticals, Inc.	2020326597	Microsalt PLC
2019281994	Hilti Aktiengesellschaft	2020361741	Pike Therapeutics Inc.
2019287566	Bakalis, K.; Bakalis, A.	2020366147	Pike Therapeutics Inc.
2019291060	LTS Lohmann Therapie-Systeme AG	2020375557	Raytheon Company
2019294249	Haldor Topsøe A/S	2020376906	Terumo Cardiovascular Systems Corporation
2019300199	Akzo Nobel Coatings International B.V.	2020377580	Humans, Inc (Db a Flip Fit)
2019300783	Avent, Inc.	2020396023	Kim, Y.
2019302568	NewSouth Innovations Pty Limited	2020404003	Intervet International B.V.
2019304085	Grünenthal GmbH	2020426002	Quick Fitting Holding Company, LLC
2019306721	The University of Tokyo; St. Marianna University School of Medicine	2020440032	Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.
2019313959	Nisshin Seifun Welna Inc.	2020461676	ZTE Corporation
2019315530	YETI Coolers, LLC	2020469868	CHENGDU JINRUI FOUNDATION BIOTECH CO., LTD.; BEIJING TIANTAN HOSPITAL, CAPITAL MEDICAL UNIVERSITY
2019319907	Valo Health, Inc.	2020470208	ZTE CORPORATION
2019319954	ESS Tech, Inc.	2021201914	Advanced Accelerator Applications International SA
2019321177	Boehringer Ingelheim International GmbH	2021202439	University of Central Florida Research Foundation, Inc.
2019321870	The University of Sydney; Western Sydney Local Health District	2021203620	Erasmus University Medical Center Rotterdam
2019322904	Becton, Dickinson and Company	2021216432	Noble Rig Holdings Limited
2019335067	Intellectual Property Pty Ltd	2021217229	Stout Industrial Technology, Inc.
2019336327	Lohmann & Rauscher GmbH	2021218427	Paragon 28, Inc.
2019336763	FMC Corporation	2021224216	Noble Rig Holdings Limited
2019338597	Plasser & Theurer Export von Bahnbaumaschinen GmbH	2021230529	Basilea Pharmaceutica International AG, Allschwil
2019341266	Zymedi Co., Ltd.	2021231223	Ocado Innovation Limited
2019341284	Beijing Innocare Pharma Tech Co., Ltd.	2021231691	Becton, Dickinson and Company
2019341651	Polar Systems Limited	2021232500	LG Electronics Inc.
2019342421	Société des Produits Nestlé S.A.	2021237249	LanzaTech, Inc.
2019343110	PepsiCo, Inc.	2021240114	Rolapal Limited
2019345108	Societe Des Produits Nestle S.A.	2021241766	Inventio AG
2019349628	Bosonic AG	2021246607	Howmedica Osteonics Corp.
2019351822	GeoQuest Systems B.V.	2021255553	Huawei Technologies Co., Ltd.
2019358516	Sirona Dental Systems GmbH; Dentsply Sirona Inc.	2021266564	Nuovo Pignone Tecnologie - S.r.l.
2019359129	Hollister Incorporated	2021283386	Amphenol Corporation
2019359506	GWD CONCEPT SP. Z.O.O.	2021301000	Huawei Technologies Co., Ltd.
2019361263	Thales	2021315304	Bodyfriend Co., Ltd.
2019363544	Rhino Rack Australia Pty Limited	2021319433	Eavor Technologies Inc.
2019363815	WattsUp Power A/S	2021325368	Ocado Innovation Limited
2019368544	CRDC GLOBAL LIMITED	2021335231	BRIGHTMARK PLASTICS RENEWAL TECHNOLOGIES LLC
2019370035	The a2 Milk Company Limited	2021339462	ResMed Pty Ltd
2019370758	Ampsource Biopharma Shanghai Inc.	2021349653	XINJIANG GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.
2019370880	Mentor Worldwide LLC	2021351491	GILEAD SCIENCES, INC.
2019371120	Epiroc Rock Drills Aktiebolag	2021352435	KLOSE, S.
2019375178	BAE Systems PLC	2021354912	BAMBINO PREZIOSO SWITZERLAND AG
2019375918	ICU Medical, Inc.	2021363640	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
2019376088	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2021364386	DRIVERDO LLC
2019377829	Lucasfilm Entertainment Company Ltd.	2021368151	PFIZER INC.
2019384735	Airo Industries, Inc.	2021369323	CATERPILLAR INC.
2019387338	Commissariat A L'Energie Atomique Et Aux Energies Alternatives	2021370221	Philip Morris Products S.A.
2019402619	Sharp Kabushiki Kaisha; FG Innovation Company Limited	2021370406	JFE STEEL CORPORATION; JFE GALVANIZING & COATING CO., LTD.
2019411973	Kyoto University; Takeda Pharmaceutical Company Limited	2021374819	Hitachi Energy Ltd; ABB Schweiz AG
2019415578	Gree Electric Appliances, Inc. of Zhuhai	2021375720	ENSURGE MEDICAL (SUZHOU) CO., LTD.
2019417734	Crystal Lagoons Technologies, Inc.	2021385254	WEATHERFORD TECHNOLOGY HOLDINGS, LLC
2019445584	QINGDAO MGI Tech Co., Ltd.	2021386111	MSINTECH CO., LTD.
2019449712	Halliburton Energy Services, Inc.	2021388096	THOMSON REUTERS ENTERPRISE CENTRE GMBH
2019454261	Halliburton Energy Services, Inc.	2021397077	IBMSOL CO., LTD.
2019478845	Hill's Pet Nutrition, Inc.	2021399438	CSPC ZHONGQI PHARMACEUTICAL TECHNOLOGY (SHIJIAZHUANG) CO., LTD
2020204396	Vorwerk & Co. Interholding GmbH	2021399904	ZEALAND PHARMA A/S
2020211387	Fyusion, Inc.	2021400491	ELI LILLY AND COMPANY
2020213695	Samplix ApS	2021401076	SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ BV
2020214675	Assistance Publique Hopitaux de Paris	2021401137	ZEALAND PHARMA A/S
2020224668	American Sterilizer Company		
2020259177	Bio-Rad Laboratories, Inc.		

Applications Accepted - Numerical Index cont'd

2021402110	INTERNATIONAL BUSINESS MACHINES CORPORATION	2022330414	VEROBOTICS LTD.
2021403617	SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.	2022358639	LINGONG HEAVY MACHINERY CO., LTD
2021414416	FAMETEC GMBH	2022368366	SANY MARINE HEAVY INDUSTRY CO., LTD.
2021416092	CRYSTAL LAGOONS TECHNOLOGIES, INC.	2022375265	TRINA SOLAR CO., LTD
2021417519	IMGT CO, LTD.	2022399952	DORMAKABA SCHWEIZ AG
2021419207	NICOVENTURES TRADING LIMITED	2022402347	DORMAKABA SCHWEIZ AG
2021427347	NIPPON TELEGRAPH AND TELEPHONE CORPORATION	2023200046	Holloh
2021437956	MITSUBISHI ELECTRIC CORPORATION	2023200071	Westinghouse Air Brake Technologies Corporation
2021446709	BARD PERIPHERAL VASCULAR, INC.	2023200080	Silencer Devices, LLC
2021463794	GOOGLE LLC	2023200209	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI
2022201295	The Procter & Gamble Company	2023200225	White Swell Medical Ltd
2022202193	Cardinal Health 529, LLC	2023200244	Toshiba Energy Systems & Solutions Corporation
2022202714	DEKA Products Limited Partnership	2023200623	Globeride, Inc.
2022202742	MPI, LLC	2023200778	The NOCO Company
2022204100	Illumina, Inc.	2023200886	Nicoventures Trading Limited
2022204393	Lishi (Shanghai) Sunshade Technology Co., Ltd	2023200900	EASYQUIP PTY LTD
2022204486	Abbott Diabetes Care Inc.	2023200972	Synthorx, Inc.
2022204521	Axsome Therapeutics, Inc.	2023201172	Samsung Electronics Co., Ltd.
2022204708	Implantica Patent Ltd	2023201291	PT Blink Limited
2022204886	Boston Scientific Scimed, Inc.	2023201447	Wallis, R.
2022205196	CMTE Development Limited	2023201482	Synthorx, Inc.
2022206757	Astellas Institute for Regenerative Medicine	2023201837	LG Electronics Inc.
2022211362	CONMED CORPORATION	2023201911	Dolby International AB
2022211805	Anduril Industries, Inc.	2023201982	Becton, Dickinson and Company
2022213971	SAMSUNG ELECTRONICS CO., LTD.	2023202336	OnPoint Vision, Inc.
2022214989	YOSHINO GYPSUM CO., LTD.	2023202492	Komatsu Ltd.; Toyota Jidosha Kabushiki Kaisha
2022215156	TARIS Biomedical LLC	2023202635	Getac Technology Corporation
2022215680	ZHANG, H.	2023202763	Oren Technologies, LLC
2022217138	HOWMEDICA OSTEONICS CORP.	2023202920	Halliburton Energy Services, Inc.
2022218494	Fasteners for Retail, Inc.	2023202928	Einhell Germany AG
2022220392	DAIKIN INDUSTRIES, LTD.; DAIKIN EUROPE N.V.	2023203099	BTL Healthcare Technologies a.s.
2022221268	DANIELI & C. OFFICINE MECCANICHE S.P.A.	2023203562	Verifi LLC
2022221551	Natural Fiber Welding, Inc.	2023203659	King Cho Machinery Industrial Co., Ltd.
2022224481	LUCID SOFTWARE, INC.	2023203770	Lazurite Holdings LLC
2022224802	Board of Supervisors of Louisiana State University and Agricultural and Mechanical College; University of Southern California	2023204248	Halliburton Manufacturing and Services Limited
2022224813	Karuna Therapeutics, Inc.	2023204352	SPR Therapeutics, Inc.
2022228156	Fisher & Paykel Healthcare Limited	2023204416	Liebherr-Electronics and Drives GmbH
2022233521	ALPHA TAU MEDICAL LTD.	2023204652	IHI Corporation
2022235541	Société des Produits Nestlé S.A.	2023216841	Zhejiang Jinko Solar Co. Ltd.; Shanghai Jinko Green Energy Enterprise Management Co. Ltd.
2022239128	HK INNO.N CORPORATION	2023219247	MCLEES, D.J.
2022241621	Commonwealth Scientific and Industrial Research Organisation	2023251401	The NOCO Company
2022242728	APPLE INC.	2023274186	Apple Inc.
2022246375	Seiko Epson Corporation	2023285981	MAKO Surgical Corp.
2022248319	BYD COMPANY LIMITED	2024200500	LINEAGE LOGISTICS, LLC
2022252126	APPLE INC.	2024201887	Matterport, Inc.
2022252703	Bioverativ Therapeutics Inc.	2024203002	Howmedica Osteonics Corp.
2022252717	Donaghys Limited	2024203515	ANDON TECHNOLOGY PTY LTD
2022253023	INTEGRITY ORTHOPAEDICS, INC.	2024203694	Massachusetts Institute of Technology
2022256105	Aarbakke Innovation AS	2024204180	Commonwealth Scientific and Industrial Research Organisation
2022256221	Power Hero Corp.	2024204440	Dolby International AB
2022259742	BioCryst Pharmaceuticals, Inc.		
2022259754	Houghton Technical Corp.		
2022259795	SawStop Holding LLC		
2022271478	Aristocrat Technologies Australia Pty Limited		
2022278592	METAMORPHOSIS GMBH		
2022279412	LG Electronics Inc.		
2022279462	LG Electronics Inc.		
2022279481	Getac Technology Corporation		
2022282086	Guangdong Bright Dream Robotics Co., Ltd.		
2022283612	3D At Depth, Inc.		
2022283645	Edwards Lifesciences Corporation		
2022283687	Gilead Sciences, Inc.		
2022286875	HYAQU INC.		
2022291419	Sage Therapeutics, Inc.		
2022291616	ArvinMeritor Technology, LLC		
2022305807	GLENMARK SPECIALTY S.A.		

IPC Index

A01B 15 /-	A23K 10 /-	2021240114	A61B 3 /-	A61G 12 /-	2023200972
2021217229	2024204180	A47C 7 /-	2018353527	2020224668	2023201482
A01B 23 /-	A23K 20 /-	2021240114	A61B 34 /-	A61G 5 /-	A61K 39 /-
2021217229	2019240309	A47F 1 /-	2019300783	2021240114	2017258105
A01B 59 /-	2024204180	2022218494	2021246607	A61H 15 /-	2017299175
2021217229	A23K 50 /-	A47F 3 /-	2022217138	2021315304	2017305345
A01B 63 /-	2024204180	2022218494	2022278592	A61K 31 /-	2017321973
2021217229	A23L 13 /-	A47G 29 /-	A61B 46 /-	2017258105	2017325654
A01B 69 /-	2019278631	2021386111	2021397077	2017299175	2017339856
2018204155	2019313959	A47G 9 /-	A61B 5 /-	2017311698	2017342880
A01B 79 /-	A23L 2 /-	2019315530	2018353527	2018323443	2018213374
2018204155	2019345108	A47J 31 /-	2018395245	2018371168	2019306721
A01C 1 /-	A23L 27 /-	2022286875	2019254665	2018392074	2019370758
2019223757	2017445026	A47J 44 /-	2019322904	2019222747	2020318112
A01C 5 /-	2020326597	2020204396	2020376906	2019261329	2021202439
2018204139	A23L 29 /-	A47L 1 /-	2022204486	2019319907	A61K 45 /-
A01C 7 /-	2017445026	2022330414	A61B 50 /-	2019342421	2024203694
2019223757	2019240309	A47L 11 /-	2020224668	2019387338	2017443632
A01G 9 /-	A23L 33 /-	2022279462	2021397077	2020361741	2018392074
2019213527	2019342421	2022330414	2021417519	2020366147	2018395495
A01H 4 /-	2019345108	2023201837	A61B 8 /-	2020404003	2020325723
2018294213	A23L 5 /-	A47L 9 /-	2021397077	2020469868	2021399904
A01H 5 /-	2019313959	2021232500	A61B 90 /-	2021230529	2021401137
2018294213	A23L 7 /-	2022279412	2019370880	2021351491	2022204886
A01J 25 /-	A23P 20 /-	A61B 1 /-	2020224668	2021399438	2022206757
2018443041	2019341651	2019232896	2021246607	2022204521	A61K 48 /-
A01K 89 /-	A24F 40 /-	2023203770	2022253023	2022206757	2017345430
2023200623	2021370221	A61B 17 /-	A61C 13 /-	2022215156	A61K 51 /-
A01N 43 /-	2021419207	2018360622	2019358516	2022224813	2018395495
2019336763	A24F 47 /-	2018361715	A61F 13 /-	2022239128	2021201914
A23B 4 /-	2023200886	2018377861	2018378653	2022252717	A61K 8 /-
2019278631	A47B 57 /-	2019269348	2019336327	A61K 33 /-	2019240309
A23C 9 /-	2018200027	2019300783	A61F 2 /-	2020325723	2022201295
2019240309	A47B 71 /-	201836622	2018332158	A61K 35 /-	A61K 9 /-
A23D 7 /-	2018410668	2018361715	2018332159	2020325723	2017305345
2017445026	A47B 96 /-	2018377861	2018351320	A61K 36 /-	2017311698
	2018200027	2019269348	2018353527	2019478845	2017319728
	A47C 27 /-	2019300783	2019207613	2020361741	2017443632
	2018395245	2021218427	2019370880	A61K 38 /-	2018238010
		2021246607	2021218427	2018351502	2018323443
		2022211362	2021246607	2018392074	2018351502
		2022233521	2022202193	2018395495	2019224665
		2022253023	2022204708	2019261329	2019291060
		A61B 18 /-	2022217138	2019387338	2019387338
		2019300783	2022217138	2020325723	2020325723
		2019321870	2022283645	2020361741	2020361741
		2023203099	2023202336	2017311698	2020366147
		2023203770	2024203002	2017319728	2019261329
			A61F 5 /-	2017443632	2019291060
			2019359129	2018238010	2019387338
			2022204708	2018266879	2020325723
				2019227979	2020361741
				2019262590	2020366147
				2021399904	2021399438
				2021401137	2021399904
				2022204100	2021401137
				2022252703	2022204886

Applications Accepted - IPC Index cont'd

2022206757	2019255603	2020469868			<u>B32B 37 /-</u>
2022224813	2019277464	2021201914	<u>B01D 53 /-</u>	<u>B25C 1 /-</u>	2018387477
<u>A61L 15 /-</u>	2022204708	2021399438	2019218389	2018389897	
	2023203099	2022215156	2019246424	2019281994	<u>B32B 9 /-</u>
2019220619	2023204352	2022305807		2022215680	
	<u>A61N 5 /-</u>	<u>A61P 37 /-</u>	<u>B01D 9 /-</u>	<u>B25G 1 /-</u>	2022259795
<u>A61L 26 /-</u>			2018382228	2018419035	<u>B33Y 80 /-</u>
2020325723	2022233521	2019304085	<u>B01F 23 /-</u>		2019349628
	2023203099		<u>B01F 27 /-</u>	<u>B25J 19 /-</u>	
<u>A61M 1 /-</u>	<u>A61N 7 /-</u>	<u>A61P 39 /-</u>	2020213695	2018355910	<u>B41J 2 /-</u>
		2019387338	<u>B01F 27 /-</u>	<u>B25J 9 /-</u>	
2018335112	2021417519	<u>A61P 43 /-</u>	2019201026	2018355910	<u>B44D 2 /-</u>
2018378653	2023203099		<u>B01F 33 /-</u>	2023285981	
2020214675		<u>A61P 1 /-</u>	2020213695	<u>B26D 5 /-</u>	<u>B44F 11 /-</u>
2022202714	<u>A61P 1 /-</u>	2019306721	<u>B01J 19 /-</u>	2022259795	2019359506
2023200225	2019342421	<u>A61P 5 /-</u>	2019224665	<u>B28B 1 /-</u>	<u>B60C 23 /-</u>
<u>A61M 13 /-</u>	2022239128	2018395495	<u>B01J 29 /-</u>	2022214989	
		2019342421	2021335231	<u>B28C 5 /-</u>	<u>B60K 1 /-</u>
2022211362	<u>A61P 11 /-</u>	2019342421	<u>B01J 8 /-</u>	2019201026	2019371120
		<u>A61P 9 /-</u>	2021400491	2023203562	2022248319
<u>A61M 16 /-</u>	2019261329	2017258105	2021401076	<u>B28C 7 /-</u>	<u>B60K 11 /-</u>
		<u>A61Q 11 /-</u>	2021403617	2023203562	2022248319
2021339462	<u>A61P 17 /-</u>	<u>A61Q 11 /-</u>	<u>B01L 1 /-</u>	<u>B29B 9 /-</u>	<u>B60K 25 /-</u>
		2022201295	2018324296	2019368544	2020287119
<u>A61M 25 /-</u>	2018371168	<u>A62B 18 /-</u>	<u>B01L 3 /-</u>	<u>B29C 31 /-</u>	<u>B60L 50 /-</u>
	2020325723	2022228156	2019322904	2018267560	2020287119
2020214675	2020469868	<u>A62B 9 /-</u>	<u>B04B 1 /-</u>	<u>B29C 43 /-</u>	<u>B60L 53 /-</u>
2023200225	2021230529	2022228156	2019221081	2018387477	2019371120
<u>A61M 27 /-</u>	2022239128	<u>A62C 13 /-</u>	<u>B04B 7 /-</u>	<u>B29C 44 /-</u>	2022256221
		2023219247	2019221081	2019248573	2023204416
2023200225	<u>A61P 19 /-</u>	<u>A62C 2 /-</u>	<u>B07C 5 /-</u>	<u>B29C 45 /-</u>	<u>B60L 8 /-</u>
	2017311698	2018324296	2022221268	2018267560	2020287119
<u>A61M 3 /-</u>		2018378699	<u>B08B 3 /-</u>	<u>B29C 70 /-</u>	<u>B60N 2 /-</u>
	<u>A61P 25 /-</u>	2022228156	2018353148	2018387477	2018229458
2018378653		<u>A62C 13 /-</u>	2022330414	2022256221	2021354912
	2019306721	2023219247	<u>B09B 3 /-</u>	2023204416	
<u>A61M 31 /-</u>	2020361741	<u>A62C 2 /-</u>	2019368544	<u>B60L 50 /-</u>	<u>B60L 53 /-</u>
	2020366147	2018324296	<u>B04B 1 /-</u>	2018387477	2019371120
2023200225	2022224813	2018378699	<u>B04B 7 /-</u>	<u>B29C 44 /-</u>	2022256221
		2023200046	2019221081	2019248573	2023204416
<u>A61M 35 /-</u>	<u>A61P 29 /-</u>	<u>A63F 13 /-</u>	<u>B07C 5 /-</u>	<u>B29C 45 /-</u>	<u>B60L 8 /-</u>
	2020366147	2022271478	2022221268	2018267560	2020287119
2018378653	2022239128	2024203515	<u>B08B 3 /-</u>	<u>B29C 70 /-</u>	<u>B60N 2 /-</u>
		2018324296	2018353148	2018387477	2018229458
<u>A61M 37 /-</u>	<u>A61P 31 /-</u>	<u>A63F 7 /-</u>	2022330414	2018395958	2021354912
	2019306721	2024203515	<u>B09B 3 /-</u>	<u>B32B 15 /-</u>	<u>B60P 1 /-</u>
2020361741	2020325723	<u>A63F 9 /-</u>	2019368544	2018395958	2019203875
2020366147	2020325723	2024203515	<u>B23B 9 /-</u>	2021370406	<u>B60R 9 /-</u>
	2021230529	<u>A63G 31 /-</u>	2019368544	<u>B32B 27 /-</u>	2019363544
<u>A61M 39 /-</u>	2021351491	2023200046	<u>B23D 45 /-</u>	2018367278	<u>B60S 5 /-</u>
	2022283687	<u>A63K 1 /-</u>	2022259795	2018395958	2019371120
2019370880		2019417734	<u>B25B 7 /-</u>	<u>B32B 3 /-</u>	2022291616
2019375918	<u>A61P 33 /-</u>	<u>B01D 46 /-</u>	2018419035	2018367278	<u>B60T 13 /-</u>
2021231691	2020325723	2018278932			2023200071
2021446709	2020404003				
2022211362	2022252717				
<u>A61M 5 /-</u>					
	<u>A61P 35 /-</u>				
2018416009					
2019200089	2017339856				
2019223659	2017342880				
2023200225	2018238010				
<u>A61M 60 /-</u>	2018371168				
	2018395495				
2018335112	2019239705				
2022202714	2019319907				
<u>A61N 1 /-</u>	2019341266				
	2019370758				

Applications Accepted - IPC Index cont'd

<u>B60T 17 /-</u>	<u>B65D 85 /-</u>	<u>B66D 3 /-</u>	<u>C07D 453 /-</u>	<u>C09D 143 /-</u>	<u>C12N 15 /-</u>
2023200071	2018346949	2019213351	2019280689	2019300199	2017345430
	<u>B65D 88 /-</u>	<u>B66F 11 /-</u>	<u>C07D 471 /-</u>		2018213395
<u>B60W 40 /-</u>	2018341096	2018353148	2019319907	<u>C09D 165 /-</u>	2018260469
2018204704			2021351491	2018422053	2018266606
	<u>B65F 1 /-</u>	<u>B67D 7 /-</u>	2022239128		2019227979
<u>B61C 15 /-</u>	2023200900	2023201447	<u>C07D 487 /-</u>	<u>C09D 5 /-</u>	2019370758
2023200071				2018422053	2019411973
	<u>B65F 3 /-</u>	<u>C01B 13 /-</u>	2019304085	2019300199	2020259177
<u>B61F 5 /-</u>	2018355910	2019302568	2019319907		2022252703
2019201845			<u>C07D 495 /-</u>	<u>C09J 11 /-</u>	2023200972
	<u>B65G 1 /-</u>	<u>C01B 3 /-</u>		2019240309	2023201482
<u>B61L 15 /-</u>	2019384735	2018342064	2019319907		2024204180
2023200071	2021231223	2019246424	<u>C07D 519 /-</u>	<u>C09K 3 /-</u>	<u>C12N 5 /-</u>
	2021325368	2019278631		2018422053	2019227979
<u>B61L 25 /-</u>	<u>B65G 43 /-</u>	2019294249	2019319907	<u>C09K 5 /-</u>	2019239705
2023200071	2022205196	2021403617	<u>C07F 9 /-</u>		2019411973
	<u>B65G 47 /-</u>	<u>C01G 45 /-</u>	2022283687	2021416092	2021202439
<u>B62D 5 /-</u>	2022202742	2019302568	2022305807	<u>C10G 1 /-</u>	2022204100
2022358639		<u>C01G 9 /-</u>	<u>C07H 1 /-</u>	2021401076	<u>C12N 9 /-</u>
	2022202742	2019302568	2021400491	<u>C10G 11 /-</u>	2018213395
<u>B63B 22 /-</u>	<u>B65G 57 /-</u>	<u>C02F 1 /-</u>	<u>C07H 21 /-</u>	<u>C10G 3 /-</u>	2018260469
2018397331	2023202763	2021416092	2021400491	2021401076	2018266606
	<u>B65G 59 /-</u>	<u>C07B 59 /-</u>	<u>C07J 1 /-</u>	<u>C10G 11 /-</u>	2018266879
<u>B63C 11 /-</u>	2022202742	2021201914	2022291419	2021401076	2024204180
2018301160	<u>B65G 65 /-</u>	<u>C07C 39 /-</u>	<u>C07K 14 /-</u>	<u>C10G 3 /-</u>	<u>C12P 1 /-</u>
	2022202742	2020361741	2019227979	2021401076	2021237249
<u>B64C 1 /-</u>	<u>B65G 69 /-</u>	2020366147	2019239705	<u>C10G 69 /-</u>	<u>C12P 21 /-</u>
2018395958	2019232022	<u>C07C 51 /-</u>	2019262590	2021401076	2017345430
2019375178	<u>B65H 16 /-</u>	2019411973	2019411973	<u>C10J 3 /-</u>	2022252703
	2018346949	2022224802	2021368151	2021237249	<u>C12P 5 /-</u>
<u>B64C 3 /-</u>	<u>B65H 23 /-</u>	<u>C07D 231 /-</u>	2022252703	<u>C10K 1 /-</u>	2021237249
2022211805	2018346949	2019336763	2023200972	<u>C10K 3 /-</u>	2024204180
	2018346949	2022259742	2023201482	2021403617	<u>C12Q 1 /-</u>
<u>B64D 1 /-</u>	<u>B65H 61 /-</u>	<u>C07D 241 /-</u>	<u>C07K 16 /-</u>		2018315240
2019220306	2019275563	2019280689	2017299175	<u>C10L 3 /-</u>	2019217628
2019375178			2017321973	2019294249	2019370035
<u>B64D 45 /-</u>	<u>B66B 19 /-</u>	<u>C07D 401 /-</u>	2017325654		2019445584
2018395958	2021241766	2019222747	2017342880	<u>C11D 7 /-</u>	2019478845
		2019280689	2018213374	2022259754	2020259177
<u>B64F 1 /-</u>	<u>B66C 1 /-</u>	2019341284	2018265466	<u>C12G 3 /-</u>	2022204100
2018386711	20192220306	<u>C07D 403 /-</u>	2019239705	2019335067	<u>C22B 19 /-</u>
	2019384735	2019222747	2019341266		2018382228
<u>B65B 35 /-</u>	<u>B66C 23 /-</u>	<u>C07D 405 /-</u>	2019370758	<u>C12H 1 /-</u>	<u>C22C 18 /-</u>
2022202742	2021216432	2019319907	2020318112	2019335067	2021370406
		<u>C07D 405 /-</u>	<u>C08G 61 /-</u>	<u>C12H 1 /-</u>	<u>C22C 21 /-</u>
<u>B65B 5 /-</u>	<u>B66C 7 /-</u>	<u>C07D 417 /-</u>	2018422053	2019335067	2021370406
2022202742	2021325368	2019387278	<u>C08J 5 /-</u>	<u>C12N 1 /-</u>	<u>C22C 30 /-</u>
		<u>C07D 417 /-</u>	2018367278	2021237249	2021370406
<u>B65D 21 /-</u>		2019387338	<u>C08L 63 /-</u>	2022235541	<u>C23C 2 /-</u>
2022202742			2018395958	2024204180	2021370406
<u>B65D 5 /-</u>					
2018346949					

Applications Accepted - IPC Index cont'd

<u>C23C 28 /-</u>	<u>E02B 15 /-</u>	<u>E05B 27 /-</u>		2020287119	<u>F16G 11 /-</u>
2021370406	2021416092	2022402347	<u>E21B 43 /-</u>	<u>F04B 1 /-</u>	2020426002
<u>C23F 3 /-</u>	<u>E02F 3 /-</u>	<u>E05B 47 /-</u>	2018347600	2019251293	2022228156
2022259754	2018222972	2022399952	2019218656	<u>F04B 39 /-</u>	<u>F16H 19 /-</u>
<u>C23G 1 /-</u>	2019203317	2022402347	2022256105	2019251293	2022228156
2022259754	2019213351	<u>E05B 9 /-</u>	<u>E21B 47 /-</u>	<u>F04C 2 /-</u>	<u>F16H 57 /-</u>
<u>C30B 11 /-</u>	2021369323	2022399952	2019351822	2022204708	2022248319
2021414416	<u>E03B 9 /-</u>	2022402347	2022256105	<u>F04D 29 /-</u>	<u>F16H 61 /-</u>
<u>C30B 29 /-</u>	2023201447	<u>E05F 1 /-</u>	<u>E21B 7 /-</u>	2021266564	2018278969
2021414416	<u>E04B 1 /-</u>	2018324296	2021385254	<u>F04D 35 /-</u>	<u>F16J 13 /-</u>
<u>D01F 2 /-</u>	2019213527	2020314335	<u>E21D 15 /-</u>	2023200046	2019280681
2022221551	2021325368	2020314335	2018397294	<u>F15B 15 /-</u>	<u>F16K 1 /-</u>
<u>D06B 21 /-</u>	2023201291	<u>E05F 3 /-</u>	<u>E21F 5 /-</u>	2019338597	2018271132
2022221551	2023201291	2020314335	2018278932	<u>F16B 13 /-</u>	<u>F16K 15 /-</u>
<u>D06B 7 /-</u>	<u>E04B 5 /-</u>	<u>E21B 15 /-</u>	<u>F01D 11 /-</u>	2018341897	2018271132
2022221551	2023201291	2021216432	<u>F01K 13 /-</u>	<u>F16B 15 /-</u>	<u>F16K 21 /-</u>
<u>D06F 37 /-</u>	<u>E04F 10 /-</u>	<u>E21B 17 /-</u>	2023200244	2018389897	2018271132
2018424296	2019213527	2019218744	<u>F02B 39 /-</u>	<u>F16B 2 /-</u>	<u>F16L 23 /-</u>
<u>D06M 10 /-</u>	<u>E04G 11 /-</u>	2023202920	2018342064	2022228156	2023201447
2022221551	2023201291	<u>E21B 19 /-</u>	<u>F02D 41 /-</u>	<u>F16B 21 /-</u>	<u>F16L 27 /-</u>
<u>D06M 11 /-</u>	<u>E04G 21 /-</u>	2018349180	2018342064	2017443536	2018378699
2022221551	2019384735	<u>E21B 21 /-</u>	<u>F02F 11 /-</u>	<u>F16B 33 /-</u>	2022291616
<u>D06M 13 /-</u>	<u>E04G 23 /-</u>	2019221081	2023200209	2020396023	2023201447
2022221551	2022330414	2019449712	<u>F02F 7 /-</u>	<u>F16B 39 /-</u>	2023201447
<u>D06M 23 /-</u>	<u>E04H 15 /-</u>	2019454261	2023200209	2020396023	<u>F16L 37 /-</u>
2022221551	2022204393	2021385254	<u>F02M 31 /-</u>	<u>F16B 47 /-</u>	2020426002
<u>D21H 17 /-</u>	<u>E04H 4 /-</u>	2023202920	2018342064	2021386111	2022291616
2020299436	2023200046	<u>E21B 23 /-</u>	<u>F02N 11 /-</u>	<u>F16B 7 /-</u>	2023203659
<u>D21H 21 /-</u>	<u>E04H 9 /-</u>	2019454261	2023200778	2020396023	<u>F16L 39 /-</u>
2020299436	2021325368	2021385254	2023251401	<u>F16C 17 /-</u>	2022291616
<u>E01B 27 /-</u>	<u>E05B 11 /-</u>	2023202920	<u>F02N 19 /-</u>	2017441427	2018335248
2019338597	2022402347	2018343115	2023200778	<u>F16C 32 /-</u>	<u>F16L 47 /-</u>
<u>E01C 19 /-</u>	<u>E05B 13 /-</u>	2018349180	<u>F02P 5 /-</u>	2017441427	2023201447
2022282086	2022399952	2019218656	2018342064	2019363815	<u>F16L 5 /-</u>
<u>E01F 15 /-</u>	<u>E05B 15 /-</u>	2021224216	<u>F03D 7 /-</u>	<u>F16D 48 /-</u>	2018335248
2018321972	2022402347	2023204248	2019250236	2018278969	<u>F16L 55 /-</u>
<u>E01H 1 /-</u>	<u>E05B 17 /-</u>	<u>E21B 36 /-</u>	<u>F03D 80 /-</u>	<u>F16F 15 /-</u>	2022291616
2018445763	2022402347	2022256105	2020440032	2019363815	<u>F16M 11 /-</u>
		<u>E21B 41 /-</u>	<u>F03G 7 /-</u>		2019248537
		2019351822			

Applications Accepted - IPC Index cont'd

F16M 13 /-	2021319433	G01N 27 /-	G06F 16 /-	2018301160	G11B 20 /-
2019248537	F25B 29 /-	2018379114	2019232022	G06T 17 /-	2018424192
2020224668	2018410668	G01N 31 /-	2022241621	2020211387	G11B 27 /-
F16M 7 /-	F25D 11 /-	2024203694	G06F 17 /-	G06T 3 /-	2018424192
2021325368	2018410668	G01N 33 /-	2022205196	2022283612	G16H 20 /-
F16N 21 /-	F28D 1 /-	2019341266	G06F 21 /-	G06T 5 /-	2019223659
2023203659	2019251293	2019370035	2019203700	2024200500	2019321177
F16N 3 /-	2021416092	2019478845	2022241621	G06T 7 /-	2023201982
2022279481	2022279481	2021203620	2023274186	G06T 7 /-	G16H 40 /-
2023203659	F28D 20 /-	2024203694	G06F 3 /-	2021352435	2023201982
F17C 11 /-	2021416092	G01R 31 /-	2019300783	2021369323	G16H 50 /-
2019246424	F28D 7 /-	2021374819	2021402110	2022278592	G16H 50 /-
F21V 17 /-	2019251293	G01S 17 /-	2023274186	G06V 20 /-	2022217138
2021283386	F28F 1 /-	2019250779	G06F 40 /-	2024200500	G16Z 99 /-
F21V 21 /-	2019251293	2022283612	2021388096	G07F 11 /-	2022368366
2018386711	F28F 23 /-	G01S 19 /-	G06F 9 /-	2019343110	H01B 1 /-
F21V 23 /-	2021319433	2019275563	2019287566	G08B 13 /-	2018422053
2021283386	F28F 3 /-	G01S 7 /-	2021402110	2018355178	H01B 17 /-
F24C 15 /-	2022279481	2024200500	2022241621	G08B 5 /-	2018353148
2018355888	F28F 9 /-	G01V 1 /-	G06K 19 /-	2023202928	H01G 11 /-
F24D 11 /-	2022279481	2018397331	2023202635	G09B 23 /-	2019254466
2022220392	G01B 11 /-	2019351822	G06K 7 /-	2018377861	H01G 9 /-
F24D 13 /-	2019250779	G02B 27 /-	2023202635	G09B 9 /-	2018422053
2022220392	G01C 13 /-	2021246607	G06N 20 /-	2019361263	H01L 21 /-
F24D 17 /-	2018301160	G02B 5 /-	2019351822	G09C 1 /-	2020375557
2022220392	G01C 15 /-	2024201887	2021364386	2021427347	H01L 23 /-
F24D 19 /-	2019250779	G02B 6 /-	2022241621	G09F 15 /-	2022279481
2022220392	2024200500	2022283612	G06N 3 /-	2019359506	H01L 29 /-
F24D 3 /-	G01D 11 /-	G03B 37 /-	G06Q 10 /-	G10K 11 /-	2020375557
2022220392	2017443536	2024201887	2019232022	2018397331	H01L 31 /-
F24F 13 /-	G01F 1 /-	G05B 15 /-	2021364386	2023200080	2022375265
2019242467	2019254665	2020204396	2022368366	G10L 15 /-	2023216841
F24S 10 /-	G01H 9 /-	G05B 19 /-	G06Q 20 /-	2019203700	H01M 8 /-
2021416092	2019254665	2019232022	2019203700	2021463794	2019209492
F24S 25 /-	G01J 1 /-	2020204396	G06Q 30 /-	2023274186	2019319954
2019213527	2022205196	G05B 23 /-	2022271478	G10L 17 /-	H01Q 1 /-
F24T 10 /-	G01M 13 /-	2018379114	G06Q 40 /-	2023274186	2023201172
2021319433	2021283386	G05D 1 /-	2021352435	G10L 19 /-	2023201172
F24T 50 /-	G01N 21 /-	2019251362	2021374819	2023201911	H01Q 9 /-
2019250779	2022205196	2023202492	G06Q 50 /-	2024204440	2023201172
	G01N 21 /-	G06F 1 /-	2023204652	G10L 21 /-	H01R 13 /-
	2019250779	2022213971	G06T 1 /-	2023200080	2019415578

Applications Accepted - IPC Index cont'd

<u>H01R 39 /-</u>	<u>H04L 67 /-</u>	<u>H04W 52 /-</u>
2022259795	2019287566	2021363640
<u>H02B 1 /-</u>	2022224481	<u>H04W 68 /-</u>
2019236482	2022241621	2020461676
<u>H02G 1 /-</u>	2023274186	<u>H04W 72 /-</u>
2018353148	<u>H04L 9 /-</u>	2018447232
2020426002	2019287566	2019376088
<u>H02G 3 /-</u>	2022241621	2020470208
2018335248	<u>H04M 1 /-</u>	<u>H04W 74 /-</u>
<u>H02H 7 /-</u>	2021255553	2018448175
2019271971	2022213971	<u>H04W 76 /-</u>
<u>H02J 3 /-</u>	<u>H04M 11 /-</u>	2021301000
2021349653	2021437956	<u>H04W 84 /-</u>
2023204416	<u>H04N 13 /-</u>	2021301000
2023204652	2019377829	<u>H05B 47 /-</u>
<u>H02J 50 /-</u>	2021246607	2023202928
2022242728	<u>H04N 19 /-</u>	<u>H05K 7 /-</u>
2022252126	2019402619	2019236482
<u>H02J 7 /-</u>	<u>H04N 21 /-</u>	2022213971
2023200778	2020377580	2022279481
2023204416	<u>H04N 23 /-</u>	
2023251401	2020377580	
<u>H02K 21 /-</u>	<u>H04N 5 /-</u>	
2019363815	2018424192	
<u>H02K 7 /-</u>	<u>H04N 7 /-</u>	
2019363815	2023203770	
2022248319	<u>H04Q 9 /-</u>	
<u>H02K 9 /-</u>	2021437956	
2022248319	<u>H04R 27 /-</u>	
<u>H02S 20 /-</u>	2018355178	
2019213527	<u>H04S 3 /-</u>	
<u>H02S 30 /-</u>	2023201911	
2019213527	<u>H04W 12 /-</u>	
<u>H04B 7 /-</u>	2019203700	
2020470208	<u>H04W 24 /-</u>	
<u>H04L 41 /-</u>	2021301000	
2022224481	<u>H04W 28 /-</u>	
<u>H04L 43 /-</u>	2018452962	
2022224481	<u>H04W 4 /-</u>	
<u>H04L 5 /-</u>	2018424192	
2018447232	2018452962	
2019251221	2019376088	
	2020461676	

Certified Innovation Patents

Name Index

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

(71) Breathe Fresh Australia Pty Ltd
 (11) AU-B-2023100096
 (21) 2023100096 (22) 14.11.2023
 (54) CONTAINER FOR DISPENSING
 SHEET MATERIAL
 (51) Int. Cl.
 B65D 83/08 (2006.01)
 B65D 85/67 (2006.01)
 B65H 35/00 (2006.01)
 (45) 05.09.2024
 (62) 2018205198
 (72) Ian James RAYNER
 (74) Griffith Hack

(71) Chowz Pty Ltd
 (11) AU-B-2023100105
 (21) 2023100105 (22) 22.12.2023
 (54) IMPROVED WICKET COMPONENTS
 FOR CRICKET
 (51) Int. Cl.
 A63B 69/00 (2006.01)
 A63B 67/00 (2006.01)
 A63B 71/06 (2006.01)
 A63B 102/20 (2015.01)
 (45) 05.09.2024
 (62) 2020267272
 (72) Eckermann, Bronte Paul; Schultz, Nicholas Luke; Combeau, Boris
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) ZURU (SINGAPORE) PTE. LTD.
 (11) AU-B-2024100014
 (21) 2024100014 (22) 06.03.2024
 (54) A LIQUID DISPENSING APPARATUS
 (51) Int. Cl.
 F41B 9/00 (2006.01)
 B05B 9/08 (2006.01)
 (45) 05.09.2024
 (62) 2019433970
 (72) MOWBRAY, Mathew Peter
 (74) AJ PARK

Numerical Index

2023100096 Breathe Fresh Australia Pty Ltd
2023100105 Chowz Pty Ltd
2024100014 ZURU (SINGAPORE) PTE. LTD.

IPC Index

A63B 102 /-

2023100105

A63B 67 /-

2023100105

A63B 69 /-

2023100105

A63B 71 /-

2023100105

B05B 9 /-

2024100014

B65D 83 /-

2023100096

B65D 85 /-

2023100096

B65H 35 /-

2023100096

F41B 9 /-

2024100014

Opposition Proceedings

(The name in parentheses is that of the opponent)

Applications Withdrawn

2020314733 **SharkNinja Operating LLC** (CDB GOLDAIR AUSTRALIA PTY LTD)

Patents Granted

Standard Patents

2017201464	2017204155	2017225495	2017248626
2017259039	2017260684	2017322733	2017335890
2017340644	2017380106	2017386533	2017420677
2017438695	2017439913	2018202473	2018203083
2018203203	2018208654	2018212707	2018219986
2018221769	2018231370	2018232960	2018239113
2018242140	2018250609	2018251150	2018252625
2018252956	2018253383	2018253449	2018256963
2018262281	2018263343	2018264021	2018265887
2018266423	2018272823	2018274890	2018275790
2018277237	2018277757	2018278202	2018279228
2018282131	2018282428	2018285580	2018292319
2018297182	2018302088	2018302478	2018306015
2018307393	2018307642	2018308880	2018316283
2018317483	2018319919	2018322437	2018322867
2018324302	2018334038	2018335160	2018336623
2018351614	2018351645	2018351898	2018355001
2018356814	2018361813	2018361942	2018365313
2018366144	2018368769	2018370478	2018373314
2018382993	2018383023	2018383124	2018383439
2018385413	2018386967	2018387207	2018388888
2018389269	2018390993	2018391577	2018402112
2018405209	2018411085	2018419625	2018431078
2018431885	2018437328	2018451727	2018453338
2019200332	2019200946	2019202255	2019203737
2019204037	2019205627	2019210842	2019213010
2019213208	2019216277	2019216742	2019217495
2019222718	2019223419	2019226629	2019232404
2019232645	2019234674	2019237276	2019239857
2019240104	2019242451	2019243579	2019248959
2019253332	2019259895	2019261585	2019261674
2019261961	2019265757	2019267712	2019270164
2019272259	2019272919	2019276879	2019277198
2019279768	2019290737	2019298572	2019300360
2019311806	2019315327	2019316896	2019329235
2019335417	2019339783	2019360428	2019376170
2019386569	2019387390	2019435235	2019447370
2019476056	2020201413	2020219461	2020239804
2020254328	2020257119	2020273513	2020273903
2020277114	2020277178	2020286709	2020291441
2020299168	2020303566	2020312361	2020319798
2020323825	2020333370	2020337414	2020346959
2020349391	2020359626	2020365297	2020380145
2020384257	2020386471	2020391549	2020393600
2020395495	2020401302	2020409366	2020409718
2020425444	2020427906	2020442694	2020448022
2020457348	2020457506	2020463301	2020463350
2021201484	2021204594	2021208147	2021209195
2021210868	2021221172	2021224143	2021229883
2021231494	2021232638	2021232783	2021232893
2021233717	2021236973	2021237863	2021239052
2021241294	2021241497	2021249444	2021256235
2021257754	2021259279	2021260530	2021261942
2021261967	2021262853	2021263170	2021266880
2021270948	2021272214	2021274544	2021277716
2021277738	2021277932	2021280929	2021282416
2021282490	2021282491	2021286264	2021286437
2021288667	2021290042	2021293416	2021299003
2021303009	2021304993	2021320085	2021320297

Patents Granted

Standard Patents

2021321909	2021324738	2021326569	2021326871
2021327811	2021330088	2021335961	2021337809
2021341544	2021348353	2021351332	2021358736
2021372652	2021377152	2021391210	2021391241
2021393852	2021403601	2021404861	2021405502
2021410686	2021415086	2021427822	2022200764
2022201263	2022201282	2022201633	2022201643
2022202282	2022202294	2022202310	2022202596
2022202830	2022202917	2022202934	2022202983
2022203088	2022203213	2022203754	2022204353
2022204706	2022204718	2022204810	2022204856
2022205207	2022206743	2022207151	2022209258
2022211843	2022215951	2022216911	2022216915
2022218592	2022218599	2022221446	2022225093
2022226894	2022227642	2022228095	2022228134
2022228211	2022231763	2022235325	2022238805
2022238818	2022241580	2022246425	2022252855
2022256151	2022268358	2022271454	2022271502
2022279378	2022279413	2022279543	2022283773
2022287541	2022287610	2022287631	2022291420
2022291458	2022291556	2022291655	2022314016
2022325217	2022331219	2022337471	2022364998
2022367978	2022370167	2022440629	2022453597
2023200500	2023200730	2023200854	2023200884
2023201102	2023201540	2023201675	2023202187
2023202397	2023202444	2023202546	2023202737
2023202954	2023203907	2023219922	2023222923
2023237178	2023308722	2023324638	2024200422
2024200567	2024201816		

Assignments Registered

2005276896	Westport Fuel Systems Canada Inc.	The patent has been assigned to HPDI Technology Limited Partnership
2006246954	Westport Fuel Systems Canada Inc.	The patent has been assigned to HPDI Technology Limited Partnership
2006254686	Westport Fuel Systems Canada Inc.	The patent has been assigned to HPDI Technology Limited Partnership
2006324322	Westport Fuel Systems Canada Inc.	The patent has been assigned to HPDI Technology Limited Partnership
2006326808	Westport Fuel Systems Canada Inc.	The patent has been assigned to HPDI Technology Limited Partnership
2006326809	Westport Fuel Systems Canada Inc.	The patent has been assigned to HPDI Technology Limited Partnership
2007224970	Westport Fuel Systems Canada Inc.	The patent has been assigned to HPDI Technology Limited Partnership
2007299580	Tummy Shield Holdings Pty Limited	The patent has been assigned to 46 Life Pty Ltd
2008222554	Westport Fuel Systems Canada Inc.	The patent has been assigned to HPDI Technology Limited Partnership
2009242917	Westport Fuel Systems Canada Inc.	The patent has been assigned to HPDI Technology Limited Partnership
2011242362	Westport Fuel Systems Canada Inc.	The patent has been assigned to HPDI Technology Limited Partnership
2011308044	Westport Fuel Systems Canada Inc.	The patent has been assigned to HPDI Technology Limited Partnership
2015253817	CommScope Technologies LLC	The patent has been assigned to Outdoor Wireless Networks LLC

Assignments Registered

2015316130 Westport Fuel Systems Canada Inc. The patent has been assigned to **HPDI Technology Limited Partnership**

2016361459 Vuly IP Holdings No. 2 Pty Ltd The patent has been assigned to **Vuly Property Pty Ltd**

2017201434 Vuly IP Holdings No. 2 Pty Ltd The patent has been assigned to **Vuly Property Pty Ltd**

2017252183 Artisan Vehicle Systems Inc. The patent has been assigned to **SANDVIK MINING AND CONSTRUCTION OY**

2017266441 Vuly IP Holdings No. 2 Pty Ltd The patent has been assigned to **Vuly Property Pty Ltd**

2017301999 Frauscher Sensortechnik GmbH The patent has been assigned to **Sensonic GmbH**

2017332746 Artisan Vehicle Systems Inc. The patent has been assigned to **SANDVIK MINING AND CONSTRUCTION OY**

2017332752 Artisan Vehicle Systems Inc. The patent has been assigned to **SANDVIK MINING AND CONSTRUCTION OY**

2017369740 Vuly IP Holdings No 2 Pty Ltd The patent has been assigned to **Vuly Property Pty Ltd**

2018101244 Vuly IP Holdings No. 2 Pty Ltd The patent has been assigned to **Vuly Property Pty Ltd**

2018277017 Artisan Vehicle Systems Inc. The patent has been assigned to **SANDVIK MINING AND CONSTRUCTION OY**

2018353104 Noble Drilling A/S The patent has been assigned to **WattsUp Power A/S**

2019203465 CommScope Technologies LLC The patent has been assigned to **Outdoor Wireless Networks LLC**

2019236724 Vuly IP Holdings No. 2 Pty Ltd The patent has been assigned to **Vuly Property Pty Ltd**

2019276351 Frauscher Sensortechnik GmbH The patent has been assigned to **Sensonic GmbH**

2020100642 Vuly IP Holdings No. 2 Pty Ltd The patent has been assigned to **Vuly Property Pty Ltd**

2020101972 Vuly IP Holdings No. 2 Pty Ltd The patent has been assigned to **Vuly Property Pty Ltd**

2020223364 Hexion Inc. The patent has been assigned to **CANADIAN ENERGY SERVICES L.P.**

2021290913 Frauscher Sensor Technology Group GmbH The patent has been assigned to **Sensonic GmbH**

2021356025 FRAUSCHER SENSOR TECHNOLOGY GROUP GMBH The patent has been assigned to **Sensonic GmbH**

2022387397 CONTEMPORARY AMPEREX TECHNOLOGY CO., LIMITED The patent has been assigned to **CONTEMPORARY AMPEREX TECHNOLOGY (HONG KONG) LIMITED**

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Accepted

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

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Accepted

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

2014243756 **The United States of America, as Represented by the Secretary, Department of Health and Human Services**

The earliest first regulatory approval date provided by the patentee 14 Jan 2024

For the goods AREXVY Recombinant Respiratory Syncytial Virus pre-fusion F protein vaccine

Address for service : Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

Specifications Republished

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

2018203943 **Illinois Tool Works Inc.**
 2018351072 **Fred Hutchinson Cancer Center**
 2018442681 **Tremco CPG UK Limited**
 2019227068 **Orica International Pte Ltd**
 2020405017 **SharkNinja Operating LLC**
 2020470068 **T.EN PROCESS TECHNOLOGY, INC.**
 2020470208 **ZTE CORPORATION**
 2020471265 **TENSIVE SRL**
 2020471975 **CALIFORNIA INNOVATIONS INC.**
 2020476563 **MITSUBISHI ELECTRIC CORPORATION**
 2020476749 **JIANGSU XCMG CONSTRUCTION MACHINERY RESEARCH INSTITUTE LTD.**
 2020477304 **ALIBABA GROUP HOLDING LIMITED**
 2020480103 **HINGE HEALTH, INC.**
 2020480153 **TOP TIER, LLC**
 2021329040 **EXEL INDUSTRIES**
 2021333692 **QINGDAO HAIER NEW ENERGY APPLIANCE CO., LTD.; QINGDAO ECONOMIC AND TECHNOLOGICAL DEVELOPMENT ZONE HAIER WATER HEATER CO., LTD.; HAIER SMART HOME CO., LTD.**
 2021336262 **NATIONAL UNIVERSITY CORPORATION KOBE UNIVERSITY**
 2021337217 **CHONG KUN DANG PHARMACEUTICAL CORP.**
 2021338199 **MEDTRONIC, INC.**
 2021339579 **IDEAYA BIOSCIENCES INC.**
 2021339838 **L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE**
 2021341745 **STRYKER EUROPEAN OPERATIONS LIMITED**
 2021342128 **MICROGENESIS CORPORATION; CONSEJO NACIONAL DE INVESTIGACIONES CIENTÍFICAS Y TÉCNICAS (CONICET)**
 2021342593 **AUTOMATIC TIMING & CONTROLS, INC.**
 2021343525 **TACTOGEN INC**
 2021345266 **Q-STATE BIOSCIENCES, INC.**
 2021347130 **BECTON, DICKINSON AND COMPANY**
 2021347247 **TRANSPON THERAPEUTICS, INC.**
 2021348264 **POWERSENSOR PTY LTD**
 2021348426 **HYNDS LIMITED**
 2021350836 **CARBON TECHNOLOGY HOLDINGS, LLC**
 2021351500 **NA BIOTECH CORP; ADEPT BIOPHARMACEUTICAL AND TECHNOLOGY LTD.**
 2021351559 **CREATIVE SURGICAL SOLUTIONS, LLC**
 2021351702 **UBIQUITOUS ENERGY, INC.**
 2021352394 **OWENS-BROCKWAY GLASS CONTAINER INC.**
 2021352452 **XANADU QUANTUM TECHNOLOGIES INC.**

Specifications Republished

2021354001 SPACE TIME S.A.
 2021356136 PHILIP MORRIS PRODUCTS S.A.
 2021356260 MAKRO LABELLING S.R.L.
 2021356498 CHEVRON U.S.A. INC.
 2021356681 MEMORIAL SLOAN KETTERING CANCER CENTER;
 EUREKA THERAPEUTICS INC.
 2021356807 Grand Medical Nutrition Science (Wuhan) Co., Ltd.
 2021357162 LUFFMAN, B.
 2021357608 JAPAN TOBACCO INC.
 2021357742 QIAGEN GMBH
 2021358230 HAIER SMART HOME CO., LTD.; QINGDAO HAIER
 REFRIGERATOR CO., LTD; HAIER US APPLIANCE
 SOLUTIONS, INC.
 2021358515 BECTON, DICKINSON AND COMPANY
 2021358695 AMPACET CORPORATION
 2021359061 TRANSOCEAN SERVICES AS
 2021360175 ASTRAZENECA AB
 2021360235 COLZYX AB
 2021360753 NEATFRAME LIMITED
 2021360796 RNAIMMUNE, INC.
 2021361028 MARS, INCORPORATED
 2021361062 HONEYWELL INTERNATIONAL INC.
 2021361509 YOKOGAWA ELECTRIC CORPORATION
 2021361885 PEPSICO, INC.
 2021363336 BGI SHENZHEN; BGI SHENZHEN GROUP HOLD-
 INGS CO., LIMITED
 2021364805 SOMALOGIC OPERATING CO., INC.
 2021365132 SOLECTA, INC.
 2021365165 GEN-PROBE INCORPORATED
 2021365765 THE PROCTER & GAMBLE COMPANY
 2021365998 HEFEI HAIER REFRIGERATOR CO., LTD; HAIER
 SMART HOME CO., LTD.
 2021366690 QUANTUM-SI INCORPORATED
 2021368506 THE QUEEN'S UNIVERSITY OF BELFAST
 2021368618 RESVERLOGIX CORP.
 2021369807 OYE THERAPEUTICS, INC
 2021370108 SHELL INTERNATIONALE RESEARCH
 MAATSCHAPPIJ B.V.
 2021371309 GENENTECH, INC.
 2021374029 BLUVEIN INNOVATION PTY LTD.
 2021374671 WESTROCK PACKAGING SYSTEMS, LLC
 2021375735 AATEC MEDICAL GMBH
 2021376126 OATEY CO.
 2021376195 GREEN SOLUTIONS GROUP, LLC
 2021376233 PAYPAL, INC.
 2021376535 KICO KNEE INNOVATION COMPANY PTY LIMITED
 2021376898 AGC GLASS EUROPE; AGC INC.; AGC FLAT
 GLASS NORTH AMERICA, INC.; AGC VIDROS DO
 BRASIL LTDA
 2021376907 GREEN GEN TECHNOLOGIES
 2021377805 NEW YORK UNIVERSITY
 2021378822 POOL SITE QUOTE PTY LTD
 2021378949 FOGHORN THERAPEUTICS INC.
 2021379076 ALBIREO AB
 2021379142 APPTION LABS LIMITED
 2021379518 EPIROC ROCK DRILLS AKTIEBOLAG
 2021379542 EXOXEMIS, INC.
 2021379593 TOTAL GYM GLOBAL CORP.
 2021379781 GENENTECH, INC.
 2021380881 ETEX BUILDING PERFORMANCE INTERNATIONAL
 SAS
 2021380919 CORTICAL.IO AG
 2021381882 MOTOROLA SOLUTIONS, INC.
 2021382316 HAGER-ELECTRO SAS
 2021382676 W. L. GORE & ASSOCIATES, INC.
 2021382845 CASALE SA
 2021383601 GRADIANT CORPORATON
 2021385343 CITY OF HOPE
 2021385365 KOSKA FAMILY LIMITED

Specifications Republished

2021390107 CHINA MOBILE GROUP DESIGN INSTITUTE CO.,
 LTD.; CHINA MOBILE COMMUNICATIONS GROUP
 CO., LTD.
 2021391376 EVONIK OPERATIONS GMBH
 2021395574 NOGA THERAPEUTICS LTD.
 2021396543 THE BOARD OF TRUSTEES OF THE LELAND STAN-
 FORD JUNIOR UNIVERSITY
 2021397252 CAAMTECH, INC.
 2021397734 JANUX THERAPEUTICS, INC.
 2021398494 CJ CHEILJEDANG CORPORATION
 2021398765 SCHAEFFLER TECHNOLOGIES AG & CO. KG
 2021400951 WESTROCK PACKAGING SYSTEMS, LLC
 2021402007 DEFENCE THERAPEUTICS INC.
 2021403562 SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
 2021405413 UROVANT SCIENCES GMBH
 2021407544 TECHTRONIC CORDLESS GP
 2021408159 PULSEMEDICA CORP.
 2021408909 EPIROC ROCK DRILLS AKTIEBOLAG
 2021409561 NIKANG THERAPEUTICS, INC.
 2021410119 TORAY INDUSTRIES, INC.
 2021410309 POSCO CO., LTD
 2021410706 LIFTWAVE, INC. DBA RISE ROBOTICS
 2021411967 LATHAM POOL PRODUCTS, INC.
 2021412383 GUARDIAN GLASS, LLC
 2021416082 QUALCOMM INCORPORATED
 2021421950 KURITA WATER INDUSTRIES LTD.
 2022204360 INGURAN, LLC
 2022207740 JANSSEN PHARMACEUTICALS, INC.
 2022207973 TMRW LIFE SCIENCES, INC.
 2022210273 ELECTROLUX APPLIANCES AKTIEBOLAG
 2022210423 NAUTILUS SUBSIDIARY, INC.
 2022247854 TONGWEI SOLAR (ANHUI) CO., LTD.; TONGWEI
 SOLAR (JINTANG) CO., LTD.
 2022329277 COUNCIL OF SCIENTIFIC AND INDUSTRIAL RE-
 SEARCH (AN INDIAN REGISTERED BODY INCOR-
 PORATED UNDER THE REGN. OF SOC. ACT (ACT
 XXI OF 1860))