



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

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General Information

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or contact our Customer Service Network on 1300651010*

Editorial enquiries

Contact information

Freedom of Information ACT

Professional Standards Board

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Requests for Information under Section 194 (c)

Country Codes

Trade Mark and Designs Hearing Sessions

INID (Internationally agreed Numbers for the Identification of Data)

GUIDE TO THE USE OF THIS JOURNAL

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

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

(i) FILING -

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

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

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

(iii) ACCEPTANCE –

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

(iv) OPPOSITION –

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

(v) GRANTING –

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

(vi) CERTIFICATION

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

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

How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

How Australian Patent Documents are Numbered

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

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

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

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

See Examples:

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

NOTE: When ordering any patent document from us, whether accepted or not, please quote the application/patent number preceded by the appropriate prefix.

Arrangement of Information in the Journal

For each of the categories

(i) Provisional Applications Filed, (ii)

Complete Applications Filed, (iii)

Applications Open to Public Inspection

(iv) Applications Accepted, and (v)

Innovation Patent Certified.

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

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

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

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

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

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

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

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

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

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

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

The following Numerical Indices are available:

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

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

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

The indices to use are

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

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

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

'INID' NUMBERS in use on Australian Patent Documents

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

(10) Document identification

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

(20) Document filing data

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

(30) Priority data

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

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

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

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

(50) Technical Information

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

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

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

(70) Identification of parties concerned with the document

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

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

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

NOTE

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

AU-A = Pre-examination

AU-B = Post-examination

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

Proceedings under the Patents Act 1990

Provisional Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 7 Jan 2025 .

(71) ACME SEALS (MALAYSIA) SDN BHD (21) 2025900058 (22) 10.01.2025 (54) Tamper Evident Closure	(71) Bissett, A. (21) 2025900051 (22) 09.01.2025 (54) New computing process to stop cyber security	(71) Bissett, A. (21) 2025900072 (22) 11.01.2025 (54) New process for a portable distilling sea water to drinkable water
(71) Adams IP Pty Ltd (21) 2025900048 (22) 09.01.2025 (54) Battery Securing Mechanism	(71) Bissett, A. (21) 2025900065 (22) 11.01.2025 (54) New process of Brakeaway rings for jewellery	(71) Bissett, A. (21) 2025900073 (22) 11.01.2025 (54) New process to generator electric energy
(71) Additive Surgical Pty Ltd (21) 2025900087 (22) 13.01.2025 (54) Spinal implant	(71) Bissett, A. (21) 2025900066 (22) 11.01.2025 (54) New process for Ink in tattoos	(71) Bissett, A. (21) 2025900074 (22) 11.01.2025 (54) New process to create hydrogen
(71) Aler, L. (21) 2025900043 (22) 08.01.2025 (54) Reusable Nano Adhesive Gel Vehicle Signage System	(71) Bissett, A. (21) 2025900067 (22) 11.01.2025 (54) New projectile gun	(71) Bissett, A. (21) 2025900075 (22) 11.01.2025 (54) New mobile entertainment unit for interactive gaming
(71) ANG, J.H.C. (21) 2025900062 (22) 10.01.2025 (54) A disposable over-the-toilet seat collection and containment apparatus for dignified handling of biological materials naturally expelled during pregnancy loss	(71) Bissett, A. (21) 2025900068 (22) 11.01.2025 (54) New way to process looking lens with different layered coloured with voltage to each colour on the Lens	(71) Bissett, A. (21) 2025900076 (22) 11.01.2025 (54) New type of flying wingsuit
(71) Applidyne Australia Pty Ltd (21) 2025900082 (22) 13.01.2025 (54) A system and method for the remediation of pipes	(71) Bissett, A. (21) 2025900069 (22) 11.01.2025 (54) New technique for electrical power packs	(71) Brassington, C. (21) 2025900040 (22) 08.01.2025 (54) Modular Multitool with Interchangeable Components
(71) AspiraDAC Pty Ltd (21) 2025900044 (22) 08.01.2025 (54) Metal organic framework coating methods	(71) Bissett, A. (21) 2025900070 (22) 11.01.2025 (54) New design for mineral and gold to be collected and sorted	(71) Burgis, W. (21) 2025900081 (22) 13.01.2025 (54) Improved Cleaning Wipes
(71) Ayonz Pty Limited (21) 2025900101 (22) 14.01.2025 (54) Improvements in televisions	(71) Bissett, A. (21) 2025900071 (22) 11.01.2025 (54) New invention for resonance vessel - Defence	(71) Clark, A.; Hobbs, P.; Page-Walker, T. (21) 2025900111 (22) 14.01.2025 (54) A SYSTEM AND METHOD FOR THE PRODUCTION OF A STABLE LIQUID SOLUTION
		(71) Clean Powr Pty Ltd (21) 2025900095 (22) 14.01.2025 (54) Modular Energy Apparatus

Provisional Applications Filed - Name Index cont'd

(71) Coleman, A.
(21) 2025900078 (22) 12.01.2025
(54) A Spherical/Ellipsoidal Solar Energy Collection System with Parabolic Reflector

(71) Connewarre Energy Pty Limited
(21) 2025900032 (22) 07.01.2025
(54) Plasma-Based Ironmaking Apparatus and Method

(71) Cornell, P.
(21) 2025900083 (22) 13.01.2025
(54) GOLF CUP BALL EJECTING APPARATUS

(71) Deep Brain Stimulation Technologies Pty Ltd
(21) 2025900052 (22) 09.01.2025
(54) Reducing stimulation artefact

(71) devonshire, j.
(21) 2025900064 (22) 11.01.2025
(54) Non-Slip Water Access Foot Attachment Support for attachment to a crutch to assist leg amputees mobility

(71) Docker, S.
(21) 2025900107 (22) 14.01.2025
(54) Perma-Caps, Steel Star Picket Safety Caps

(71) Dods, K.
(21) 2025900097 (22) 14.01.2025
(54) DATA COMMUNICATIONS NETWORK AND METHOD FOR PROVIDING DIETARY INTAKE AND/OR LIFESTYLE RECOMMENDATIONS

(71) EcoMag Limited
(21) 2025900096 (22) 14.01.2025
(54) Production of Nesquehonite-Containing Slurry

(71) Fink, D.
(21) 2025900089 (22) 13.01.2025
(54) Clothes hanger with improved functionality

(71) Gomez, R.
(21) 2025900055 (22) 10.01.2025
(54) A PROCESS AND APPARATUS OF A HYDROGEN INTERNAL COMBUSTION ENGINE

(71) HaptiSim Pty Ltd
(21) 2025900103 (22) 14.01.2025
(54) Systems and methods for medical simulation

Hobbs, P. see Clark, A.
(21) 2025900111

Huynh, N. see Huynh, Q.
(21) 2025900063

(71) Huynh, Q.; Huynh, N.
(21) 2025900063 (22) 10.01.2025
(54) FIRE DETECTION AND EXTINGUISHING SYSTEM

(71) Internet Australia Pty Ltd
(21) 2025900045 (22) 08.01.2025
(54) A pharmaceutical composition for treating gout and protecting gastrointestinal mucosa.

(71) Johnston, R.
(21) 2025900049 (22) 09.01.2025
(54) Retractable Safety Barrier

(71) Jones, M.
(21) 2025900098 (22) 14.01.2025
(54) DATA COMMUNICATIONS NETWORK AND METHOD FOR PROVIDING AN ACCOMMODATION SEARCH AND RESERVATION FACILITY

(71) Keane, T.
(21) 2025900057 (22) 10.01.2025
(54) CarTunes (NAME TBD)

(71) Kilaris, N.
(21) 2025900100 (22) 14.01.2025
(54) GPS Module for AJAX

(71) LK Management Pty Limited
(21) 2025900041 (22) 08.01.2025
(54) A method for extracting lipids from plant-based materials

(71) MasterMined Innovation Pty Ltd
(21) 2025900090 (22) 13.01.2025
(54) UNDERGROUND MINING

(71) McClanachan, A.; Trustee for F & I Family Trust
(21) 2025900042 (22) 08.01.2025
(54) Improved Hard Hat

(71) McClenaghan, J.
(21) 2025900047 (22) 09.01.2025
(54) MCCLENS

(71) Merhazion, R.
(21) 2025900054 (22) 10.01.2025
(54) EntryMap

Morini, F. see Strijland, D.
(21) 2025900039

(71) Nishida, I.
(21) 2025900091 (22) 13.01.2025
(54) INTEGRATED AI AGENT SYSTEM

Page-Walker, T. see Clark, A.
(21) 2025900111

Percy, G. see Percy, P.
(21) 2025900084

(71) Percy, P.; Percy, G.
(21) 2025900084 (22) 10.01.2025
(54) Mobile Electric Vehicle Charger

(71) resQdevices Pty Ltd
(21) 2025900088 (22) 13.01.2025
(54) A protector for placement over a patient body site

(71) Results Dog Training Pty Ltd
(21) 2025900086 (22) 13.01.2025
(54) PET HARNESS, DISTRIBUTOR LEAD, LEAD AND HARNESS SYSTEM AND METHODOLOGY

(71) Reward Minerals Limited
(21) 2025900093 (22) 13.01.2025
(54) Process to recovering potassium sulphate from seawater bitterns

(71) Roof Rollers Australia Pty Ltd
(21) 2025900061 (22) 10.01.2025
(54) ROOF SHEET ROLLER AND ROLLER SYSTEM

(71) Russell, J.
(21) 2025900109 (22) 14.01.2025
(54) Negative Latency MIDI controller for stringed instruments

(71) Schweigen Pty Ltd
(21) 2025900035 (22) 08.01.2025
(54) HOME VENTILATION SYSTEM

(71) Sclaro, A.
(21) 2025900034 (22) 08.01.2025
(54) A Power Drive

(71) Sementis Limited
(21) 2025900085 (22) 13.01.2025
(54) Method of recovering a virus produced by a host cell

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(71) Sensortine Pty Ltd
(21) 2025900050 (22) 09.01.2025
(54) In Furrow Laser Induced Breakdown Spectroscopy Sensor

(71) Slennett-Roberts, T.
(21) 2025900077 (22) 12.01.2025
(54) Process of SnowPanels Solar Ship Wind Cube Generator

(71) Smith, H.
(21) 2025900036 (22) 08.01.2025
(54) Anti-Tamper Assembly for Anchor Bolts

(71) Strijland, D.; Morini, F.
(21) 2025900039 (22) 08.01.2025
(54) Aircraft External Power Lockout Plug

(71) STX Research Pty Ltd
(21) 2025900094 (22) 14.01.2025
(54) Explosive composition

(71) Tassal Operations Pty Ltd
(21) 2025900099 (22) 14.01.2025
(54) A submersible device and uses thereof

(71) The University of Adelaide
(21) 2025900060 (22) 10.01.2025
(54) SILICA MICROPARTICLE COMPOSITIONS AND METHODS FOR THEIR PRODUCTION

(71) The University of Sydney
(21) 2025900059 (22) 10.01.2025
(54) Methods for preparing peptide conjugates

(71) Thomas, C.
(21) 2025900079 (22) 12.01.2025
(54) Application for Identifying Actors on Television Screens Using Facial Recognition Technology

(71) Total Hardware Pty Ltd
(21) 2025900046 (22) 08.01.2025
(54) Closing Mechanism

Trustee for F & I Family Trust see Mc-Clanachan, A.
(21) 2025900042

(71) Urosevski, P.
(21) 2025900092 (22) 13.01.2025
(54) Mounting Assembly

(71) Veen Holdings Pty Ltd
(21) 2025900037 (22) 08.01.2025
(54) A FLOOR SURFACING APPARATUS

(71) Veen Holdings Pty Ltd
(21) 2025900038 (22) 08.01.2025
(54) IMPROVEMENTS IN FLOOR SURFACING APPARATUS

(71) Vernals, H.
(21) 2025900080 (22) 12.01.2025
(54) Folding Toilet Cubicle for Small Boats

(71) WIREMAN PTY LIMITED
(21) 2025900056 (22) 10.01.2025
(54) A Wire Winding Fencing Attachment for a Hand Held Power Tool

(71) Yoorooga Property Pty Ltd
(21) 2025900053 (22) 09.01.2025
(54) VERTICAL ALGAE FARMING SYSTEM WITH SOLAR-POWERED CARBON DIOXIDE CAPTURE AND EVAPORATION CONTROL

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2025900071	Bissett, A.		
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2025900073	Bissett, A.		
2025900074	Bissett, A.		
2025900075	Bissett, A.		
2025900076	Bissett, A.		
2025900077	Slennett-Roberts, T.		
2025900078	Coleman, A.		
2025900079	Thomas, C.		
2025900080	Vernals, H.		
2025900081	Burgis, W.		
2025900082	Applidyne Australia Pty Ltd		
2025900083	Cornell, P.		
2025900084	Percy, P.; Percy, G.		
2025900085	Sementis Limited		
2025900086	Results Dog Training Pty Ltd		
2025900087	Additive Surgical Pty Ltd		
2025900088	resQdevices Pty Ltd		
2025900089	Fink, D.		
2025900090	MasterMined Innovation Pty Ltd		
2025900091	Nishida, I.		
2025900092	Urosevski, P.		
2025900093	Reward Minerals Limited		
2025900094	STX Research Pty Ltd		
2025900095	Clean Powr Pty Ltd		
2025900096	EcoMag Limited		
2025900097	Dods, K.		
2025900098	Jones, M.		
2025900099	Tassal Operations Pty Ltd		
2025900100	Kilaris, N.		

Complete Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 7 Jan 2025 .

. (*) Title not in Roman characters

. (**) Title not given

(71) 24M Technologies, Inc.
(21) 2025200097 (22) 07.01.2025
(54) CONTINUOUS AND SEMI-CONTINUOUS METHODS OF SEMI-SOLID ELECTRODE AND BATTERY MANUFACTURING

(71) ABEC, INC.
(21) 2025200102 (22) 08.01.2025
(54) DISPOSABLE CONTAINERS AND REACTION SYSTEMS

(71) Abiomed, Inc.
(21) 2025200152 (22) 09.01.2025
(54) Anti-suction blood pump inlet

(71) Ablynx NV
(21) 2025200245 (22) 13.01.2025
(54) Improved serum albumin binding immunoglobulin single variable domains

(71) Abodo Wood Limited
(21) 2025200142 (22) 09.01.2025
(54) A METHOD FOR IMPROVING DURABILITY AND WEATHERABILITY OF TIMBER BY ENGINEERING LAYERS

(71) Acer Incorporated
(21) 2025200258 (22) 14.01.2025
(54) Method and communication device for handling a downlink signal reception

(71) Achilles Therapeutics UK Limited
(21) 2025200181 (22) 10.01.2025
(54) Method for treating cancer

(71) Acuitas Therapeutics Inc.
(21) 2025200096 (22) 07.01.2025
(54) Lipids and lipid nanoparticle formulations for delivery of nucleic acids

(71) Acura Pharmaceuticals, Inc.
(21) 2025200132 (22) 09.01.2025
(54) Self-regulated release of active pharmaceutical ingredient

(71) Adama Makhteshim Ltd.
(21) 2025200205 (22) 10.01.2025
(54) Stable combinations of prothioconazole and fluazinam

(71) ADS Therapeutics LLC
(21) 2025200273 (22) 14.01.2025
(54) COMPOSITIONS AND METHODS OF USING NINTEDANIB FOR IMPROVING GLAUCOMA SURGERY SUCCESS

(71) AeroVironment, Inc.
(21) 2025200200 (22) 10.01.2025
(54) UAV payload module camera assembly and retraction mechanism

(71) Akamis Bio Limited
(21) 2025200140 (22) 09.01.2025
(54) Adenovirus armed with bispecific T cell activator

Alnylam Pharmaceuticals Inc. see The UAB Research Foundation
(21) 2025200133

(71) Amadeite
(21) 2025200105 (22) 08.01.2025
(54) Algal extract for use in the treatment or prevention of post-traumatic immunosuppression

(71) Anago Limited
(21) 2025200259 (22) 14.01.2025
(54) Blade Sharpness Tester

(71) Angel Group Co., Ltd.
(21) 2025200171 (22) 10.01.2025
(54) Inspection system, inspecting device, and gaming chip

(71) Angel Group Co., Ltd.
(21) 2025200183 (22) 10.01.2025
(54) Management system of gaming chips and storage box

(71) Angel Group Co., Ltd.
(21) 2025200225 (22) 12.01.2025
(54) CAGE SYSTEM, AND CHIP MANAGEMENT SYSTEM

(71) Angel Group Co., Ltd.
(21) 2025200226 (22) 12.01.2025
(54) CAGE SYSTEM, AND CHIP MANAGEMENT SYSTEM

(71) Antheia, Inc.
(21) 2025200148 (22) 09.01.2025
(54) Methods of producing nor-opioid and nal-opioid benzylisoquinoline alkaloids

(71) Apple Inc.
(21) 2025200117 (22) 08.01.2025
(54) Wellness aggregator

(71) Aristocrat Technologies Australia Pty Limited
(21) 2025200122 (22) 08.01.2025
(54) GAMING SYSTEM PROVIDING FOR VARIABLE ANCILLARY NON-CASH AWARDS

(71) AstraZeneca AB
(21) 2025200137 (22) 09.01.2025
(54) COMPOUNDS AND THEIR USE IN TREATING CANCER

(71) BASF Plant Science Company GmbH
(21) 2025200175 (22) 10.01.2025
(54) Stabilising fatty acid compositions

(71) Baylor College of Medicine
(21) 2025200213 (22) 10.01.2025
(54) Auto/allo-immune defense receptors for the selective targeting of activated pathogenic T cells and NK cells

(71) Bechtel Energy Technologies & Solutions, Inc.
(21) 2025200170 (22) 10.01.2025
(54) LOW ENERGY EJECTOR DESALINATION SYSTEM

(71) BIOKNOWME PTY LTD
(21) 2025200196 (22) 10.01.2025
(54) SYSTEM AND METHOD FOR PATHOLOGY SPECIMEN COLLECTION ADDRESSING NETWORK DISRUPTIONS AND DATA PRIVACY

(71) Boston Scientific Medical Device Limited; Boston Scientific Scimed, Inc.
(21) 2025200201 (22) 10.01.2025
(54) Over the scope clip with repositioning capability

Complete Applications Filed - Name Index cont'd

(71) Boston Scientific Scimed, Inc.
(21) 2025200198 (22) 10.01.2025
(54) Tailored laser pulses for surgical applications

Boston Scientific Scimed, Inc. see Boston Scientific Medical Device Limited
(21) 2025200201

(71) Brigham Young University
(21) 2025200178 (22) 10.01.2025
(54) Integrated column and detector in a module for liquid chromatography

(71) BRISTOL-MYERS SQUIBB COMPANY
(21) 2025200257 (22) 14.01.2025
(54) OPTIMIZATION OF ANTIBODIES THAT BIND LYMPHOCYTE ACTIVATION GENE-3 (LAG-3), AND USES THEREOF

(71) C2Dx, Inc.
(21) 2025200154 (22) 09.01.2025
(54) MEDICAL DEVICES FOR REPAIRING PERFORATIONS IN TISSUE, METHODS OF MANUFACTURING MEDICAL DEVICES, AND METHODS OF IMPLANTING A MEDICAL DEVICE

(71) Canon Kabushiki Kaisha
(21) 2025200211 (22) 10.01.2025
(54) Method, apparatus and system for encoding and decoding tensors

(71) Carbon Autonomous Robotic Systems Inc.
(21) 2025200151 (22) 09.01.2025
(54) Autonomous laser weed eradication

(71) Cartiheal (2009) Ltd.
(21) 2025200250 (22) 13.01.2025
(54) Implantation tool and protocol for optimized solid substrates promoting cell and tissue growth

(71) Case Western Reserve University
(21) 2025200164 (22) 09.01.2025
(54) Therapy Delivery Devices and Methods for Non-damaging Neural Tissue Conduction Block

(71) Caswell, G.
(21) 2025200128 (22) 08.01.2025
(54) (EN)CLOSED BIO-REGENERATIVE PLANETARY PANEL, HABITAT AND AGRICULTURE DOME SYSTEM

(71) Concurrent Engineering Inc.
(21) 2025200106 (22) 08.01.2025
(54) MULTI SECTION FLEXIBLE STRIP-PER HEADER

(71) Cricut, Inc.
(21) 2025200231 (22) 13.01.2025
(54) HEAT PRESS, COMPONENTS, APPARATUSES, SYSTEMS, AND METHODS

Ctxt Pty Ltd see Pfizer Inc.
(21) 2025200238

(71) DeepOcean AS
(21) 2025200216 (22) 10.01.2025
(54) IMPROVEMENTS RELATED TO SUBSEA PIPE ENDS CONNECTIONS

(71) Deere & Company
(21) 2025200134 (22) 09.01.2025
(54) Work machine with a grading blade attachment having a knock down blade assembly

(71) Deere & Company
(21) 2025200180 (22) 10.01.2025
(54) Flanged clamp union and method of assembly

(71) Deere & Company
(21) 2025200260 (22) 14.01.2025
(54) Generation and application of masks for farming implements of autonomous vehicles

(71) Dimitroff, T.R.
(21) 2025200262 (22) 14.01.2025
(54) Rotating vacuum tank and method

Doty, J.F. see Paragon Advanced Technologies, Inc.
(21) 2025200114

(71) DSM IP Assets B.V.
(21) 2025200256 (22) 14.01.2025
(54) METHODS OF SUPPORTING GASTROINTESTINAL HOMEOSTASIS

(71) Electrix International Ltd
(21) 2025200265 (22) 14.01.2025
(54) An enclosure

(71) Electrix International Ltd
(21) 2025200266 (22) 14.01.2025
(54) A device for fixing an enclosure to a wall

(71) Endotronix, Inc.
(21) 2025200179 (22) 10.01.2025
(54) ANCHORING SYSTEM FOR A CATHETER DELIVERED DEVICE

(71) EnviCore Inc.
(21) 2025200156 (22) 09.01.2025
(54) Compositions for supplementary cementitious material and methods of making

(71) ESCO Group LLC
(21) 2025200143 (22) 09.01.2025
(54) A wear part for earth working equipment

(71) ESG AGRICULTURE PTY LTD
(21) 2025200267 (22) 14.01.2025
(54) IMPROVED GRANULATED FERTILIZER PRODUCT AND MANUFACTURING METHOD THEREOF

(71) Filterlex Medical Ltd.
(21) 2025200174 (22) 10.01.2025
(54) INTRA-AORTIC EMBOLIC PROTECTION FILTER DEVICE

(71) FISHER & PAYKEL HEALTHCARE LIMITED
(21) 2025200268 (22) 14.01.2025
(54) STRAP ASSEMBLY, STRAP CONNECTOR, HEADGEAR, HEADGEAR ASSEMBLY, METHOD OF FORMING HEADGEAR, TUBULAR CONNECTOR, PATIENT INTERFACE AND METHOD OF JOINING STRAPS

(71) Foshan Baitai Auto Accessories Co., Ltd
(21) 2025200235 (22) 13.01.2025
(54) ROLLER CURTAIN COVER AND CONTROL UNIT THEREOF

(71) Foshan Baitai Auto Accessories Co., Ltd
(21) 2025200236 (22) 13.01.2025
(54) NFC-BASED ROLLER CURTAIN SWITCH APPARATUS

(71) Foshan Baitai Auto Accessories Co., Ltd
(21) 2025200237 (22) 13.01.2025
(54) NFC-BASED DEVICE ROLLER CURTAIN CONTROL METHOD AND SYSTEM

(71) Fujitsu Limited
(21) 2025200247 (22) 13.01.2025
(54) Method, device, and storage medium for target tracking

Fuso Pharmaceutical Industries, Ltd. see Yamada, K.
(21) 2025200159

Complete Applications Filed - Name Index cont'd

(71) GARINO, J.
(21) 2025200184 (22) 10.01.2025
(54) MODULAR ARTIFICIAL KNEE SYSTEM

(71) Globaltech Corporation Pty Ltd
(21) 2025200195 (22) 10.01.2025
(54) Downhole surveying and core sample orientation systems, devices and methods

(71) Globaltech Corporation Pty Ltd
(21) 2025200199 (22) 10.01.2025
(54) Core Sample Orientation System, Device and Method

(71) GOOGLE LLC
(21) 2025200176 (22) 10.01.2025
(54) QUANTUM GENERATIVE ADVERSARIAL NETWORKS WITH PROVABLE CONVERGENCE

(71) Greatcell Energy Limited
(21) 2025200138 (22) 09.01.2025
(54) ELECTRICAL AND ELECTRONIC DEVICES WITH CARBON BASED CURRENT COLLECTORS

(71) Hangzhou Tianlong Pharmaceutical Co., Ltd.
(21) 2025200136 (22) 09.01.2025
(54) C6'-substituted locked nucleic acid-modified cap analog and use thereof

(71) Hitachi Energy Ltd
(21) 2025200239 (22) 13.01.2025
(54) Method of controlling a microgrid, power management system, and energy management system

(71) HONEYWELL INTERNATIONAL INC.
(21) 2025200123 (22) 08.01.2025
(54) System and method for providing security to legacy devices

(71) Hope Medical Enterprise, Inc. d.b.a. Hope Pharmaceuticals
(21) 2025200230 (22) 13.01.2025
(54) SODIUM NITRITE-CONTAINING PHARMACEUTICAL COMPOSITIONS

(71) Huawei Technologies Co., Ltd.
(21) 2025200203 (22) 10.01.2025
(54) DATA TRANSMISSION METHOD, COMMUNICATION APPARATUS, COMPUTER-READABLE STORAGE MEDIUM, AND CHIP

(71) Humphries, A.
(21) 2025200222 (22) 11.01.2025
(54) Noise dampening securing band for a bicycle cable clip

(71) I911 International, Inc.
(21) 2025200145 (22) 09.01.2025
(54) SYSTEM FOR ACCURATE LOCATION ESTIMATION OF A WATER VESSEL

(71) Icahn School of Medicine at Mount Sinai
(21) 2025200254 (22) 14.01.2025
(54) COMPOSITIONS AND METHODS FOR TREATING FARBER DISEASE

(71) IGT
(21) 2025200214 (22) 10.01.2025
(54) Device Orientation Based Gaming Experience

(71) i-Lumen Scientific, Inc.
(21) 2025200144 (22) 09.01.2025
(54) ELECTRODE SYSTEM FOR VISION TREATMENT AND METHOD

(71) Immunocore Limited
(21) 2025200146 (22) 09.01.2025
(54) Formulations

(71) Implantica Patent Ltd
(21) 2025200193 (22) 10.01.2025
(54) Apparatus for Treating Obesity

(71) INDUSTRIA METALMECANICA RIVET S.A.
(21) 2025200112 (22) 08.01.2025
(54) A MULTISENSOR CONTAINED IN A SEAL OF A CONVEYOR BELT ROLLER

(71) INOSYSTEMS
(21) 2025200149 (22) 09.01.2025
(54) SYSTEM FOR REMOTE MONITORING OF A NITRIC OXIDE SUPPLY APPARATUS

(71) IntelliSense.io Limited
(21) 2025200093 (22) 07.01.2025
(54) METHOD FOR OPTIMIZING MINERAL RECOVERY PROCESS

(71) INVIDI Technologies Corporation
(21) 2025200197 (22) 10.01.2025
(54) Cloud-based decisioning for addressable asset system

(71) JETBLACK INVESTMENTS PTY LTD
(21) 2025200167 (22) 10.01.2025

(54) IMPROVED BICYCLE TRAINER SYSTEM HAVING HORIZONTALLY ACTING STATOR ASSEMBLY

(71) JETBLACK INVESTMENTS PTY LTD
(21) 2025200168 (22) 10.01.2025
(54) AN IMPROVED SUPPORT PLAT-FORM ASSEMBLY CONFIGURED FOR USE WITH A BICYCLE TRAINER SYSTEM

(71) JGM Industries Pty Limited
(21) 2025200126 (22) 08.01.2025
(54) SYSTEM AND METHOD FOR CULTIVATING BIOLOGICAL ORGANISMS

(71) Jiangmen Bonanza Metalware Co., Ltd.
(21) 2025200244 (22) 13.01.2025
(54) Method of manufacturing a pan and non-stick pan

(71) JinHua ShineTree Household Products Co., Ltd.
(21) 2025200153 (22) 09.01.2025
(54) FOLDABLE HEIGHT-INCREASING STOOL WITH BACKREST

(71) Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation
(21) 2025200173 (22) 10.01.2025
(54) Water electrolysis cell, water electrolysis cell stack, and manufacturing method of water electrolysis cell

(71) Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation
(21) 2025200228 (22) 13.01.2025
(54) Startup method of Francis turbine, startup program, and control device

(71) Kenro Materia, SL
(21) 2025200241 (22) 13.01.2025
(54) ARTIFICIAL STONE SLAB AND MANUFACTURING METHOD THEREOF

Kljuce, U. see Quantum Growth Research PTY LTD
(21) 2025200111

(71) Kljuce, U.; Quantum Growth Research PTY LTD
(21) 2025200227 (22) 13.01.2025
(54) WITRICITY DARK MATTER DARK ENERGY DETECTION

(71) Kraken Labs
(21) 2025200272 (22) 14.01.2025
(54) Graphite Self healing Paint protection

(71) K S Paterson Nominees Pty Ltd
(21) 2025200187 (22) 10.01.2025
(54) Agricultural Tilling Assembly and Components

(71) KWIK-ZIP PTY LTD
(21) 2025200163 (22) 09.01.2025
(54) A Spacer Segment and A Spacer

(71) LANDA LABS (2012) LTD.
(21) 2025200194 (22) 10.01.2025
(54) COMPOSITIONS COMPRISING SUR-
FACE MODIFIED GLOBULAR NANO-
PARTICLES

(71) Lashify, Inc.
(21) 2025200279 (22) 14.01.2025
(54) Applicators for applying eyelash extensions and methods for use and manufacture thereof

(71) Legrand AV Inc.
(21) 2025200116 (22) 08.01.2025
(54) Television mount with height adjustment feature

LIU, X.N. see STAR VISION PTY LTD
(21) 2025200192

(71) Lygos, Inc.
(21) 2025200185 (22) 10.01.2025
(54) RECOMBINANT HOST CELLS AND
METHODS FOR THE PRODUCTION
OF ASPARTIC ACID AND BETA-ALAN-
INE

(71) Madrigal Pharmaceuticals, Inc.
(21) 2025200189 (22) 10.01.2025
(54) SOLID FORMS OF 2-(3,5-DICHLORO-4-((5-ISOPROPYL-6-OXO-1,6-DIHYDRO-1,2,4-TRIAZINE-6-CARBONYL)PHENYL)-3,5-DIOXO-2,3,4,5-TETRAHYDRO-1,2,4-TRIAZINE-6-CARBONYL)PHENYL)-3,5-DIOXO-2,3,4,5-TETRAHYDRO-1,2,4-TRIAZINE-6-CARBONYL-TRILE

(71) Mallinckrodt Hospital Products IP Un-
limited Company
(21) 2025200255 (22) 14.01.2025
(54) GAS SENSOR MODULE

(71) Massachusetts Institute of Technology
(21) 2025200130 (22) 09.01.2025
(54) Methods to spatially profile protease
activity in tissue and sections

(71) McDonald, A.
(21) 2025200202 (22) 10.01.2025
(54) Infinet concealed fixing - Fin to Hoop

(71) Medos International Sarl
(21) 2025200124 (22) 08.01.2025
(54) Multi-shield spinal access system

**Merck Patent GmbH see Vertex Pharma-
ceuticals Incorporated**
(21) 2025200232

(71) MFTB Holdco, Inc.
(21) 2025200104 (22) 08.01.2025
(54) Automated tool for determining and providing information about dwellings satisfying search criteria specified using multiple data modes

(71) Mirobio Limited; Oxford University Innovation Limited
(21) 2025200120 (22) 08.01.2025
(54) Anti-BTLA antibodies

(71) MIZUHO ORTHOPEDIC SYSTEMS, INC.
(21) 2025200103 (22) 08.01.2025
(54) SYSTEM, APPARATUS AND METHOD FOR PATIENT POSITIONING PRIOR TO, DURING AND/OR AFTER MEDICAL PROCEDURES

(71) NATIONAL RESEARCH COUNCIL OF CANADA
(21) 2025200113 (22) 08.01.2025
(54) Technique for small volume metering

(71) Norwood Industries Inc.
(21) 2025200162 (22) 09.01.2025
(54) Sawmill bed assembly

(71) Novartis AG; The Trustees of the University of Pennsylvania
(21) 2025200204 (22) 10.01.2025
(54) Chimeric antigen receptors for the treatment of cancer

(71) Nunhems B.V.
(21) 2024287188 (22) 23.12.2024
(54) Watermelon variety NUN 32202 WMW

(71) Ocugen, Inc.	
(21) 2025200249	(22) 13.01.2025
(54) Scaffold with adhesive for articular car- tilage repair	

(71) One Home Brands, Inc.
(21) 2025200274 (22) 14.01.2025
(54) Stable anhydrous cleanser concentrate formulation and method of making same

(71) Origin Point Brands, LLC
(21) 2025200263 (22) 14.01.2025

(54) Barrier gate optimized for compact transport and simplified onsite assembly

(71) Otsuka Pharmaceutical Co., Ltd.
(21) 2025200229 (22) 13.01.2025
(54) Injectable preparation

**Oxford University Innovation Limited see
Mirobio Limited
(21) 2025200120**

(71) PACCAR Inc
(21) 2025200147 (22) 09.01.2025
(54) BATTERY PACK COLD PLATE

(71) PACCAR Inc
(21) 2025200270 (22) 14.01.2025
(54) ELECTRICAL BYPASS PREPARATION
FOR FAILING BATTERY CELL

(71) Pappon, D.; Rankin, C.
(21) 2025200157 (22) 09.01.2025
(54) Body Bag

(71) Paragon Advanced Technologies, Inc.;
Doty, J.F.
(21) 2025200114 (22) 08.01.2025
(54) WHOLE TALUS IMPLANT AND METH-
OD

(71) Paragon Advanced Technologies, Inc.
(21) 2025200131 (22) 09.01.2025
(54) IMPLANT FOR FOCAL TALUS DE-
FECTS AND METHOD

(71) Pelican Products, Inc.
(21) 2025200150 (22) 09.01.2025
(54) Flashlight having multi-position head
with downlight

(71) Petróleo Brasileiro S.A. - Petrobras;
Universidade Tecnológica Federal do
Paraná

(21) 2025200246 (22) 13.01.2025

(54) Auxiliary system and method for start-
ing or restarting the flow of gelled fluid

(71) Pfizer Inc.; Ctxt Pty Ltd
(21) 2025200238 (22) 13.01.2025
(54) KAT6 inhibitor methods and combinations for cancer treatment

(71) Polycorp Ltd.
(21) 2025200215 (22) 10.01.2025
(54) System and method for securing tuned mass dampers to rail

Complete Applications Filed - Name Index cont'd

(71) Protechna S.A.
(21) 2025200177 (22) 10.01.2025
(54) SEALING CAP FOR A CONTAINER CLOSURE, AND CONTAINER CLOSURE HAVING A SEALING CAP OF THIS TYPE

(71) Quantum Growth Research PTY LTD; Kljuce, U.
(21) 2025200111 (22) 08.01.2025
(54) Ziplocked Doona to Doona Cover Set 2 step process

Quantum Growth Research PTY LTD see Kljuce, U.
(21) 2025200227

(71) RadTran LLC
(21) 2025200217 (22) 10.01.2025
(54) SYSTEMS AND METHODS FOR PREPARING TAILORED RADIOACTIVE ISOTOPE SOLUTIONS

Rankin, C. see Pappon, D.
(21) 2025200157

(71) Raven Industries, Inc.
(21) 2025200119 (22) 08.01.2025
(54) Stratospheric position, navigation, and timing system

(71) Red Bull GmbH
(21) 2025200155 (22) 09.01.2025
(54) Composition, its use for the preparation of sweetening syrups and beverages, and preparation of beverages

(71) Refined Sands Pty Ltd
(21) 2025200115 (22) 08.01.2025
(54) Stowable Veranda for Recreational Vehicle

(71) Regeneron Pharmaceuticals, Inc.
(21) 2025200206 (22) 10.01.2025
(54) MICE EXPRESSING HUMANIZED T-CELL CO-RECEPTORS

(71) Regenxbio Inc.
(21) 2025200141 (22) 09.01.2025
(54) Treatment of mucopolysaccharidosis II with recombinant human iduronate-2 sulfatase (IDS) produced by human neural or glial cells

(71) Rehrig Pacific Company
(21) 2025200109 (22) 08.01.2025
(54) Lift and pallet

(71) Rovi Guides, Inc.
(21) 2025200233 (22) 13.01.2025

(54) Methods and systems for detecting overlaps between calendar appointments and media asset transmission times

(71) Samsung Electronics Co., Ltd.
(21) 2025200158 (22) 09.01.2025
(54) Module comprising antenna and RF element, and base station including same

(71) Sandvik Mining and Construction Lyon SAS
(21) 2025200243 (22) 13.01.2025
(54) BOLTING HEAD, BOLTING RIG AND METHOD

(71) Sandvik Mining and Construction Oy
(21) 2025200242 (22) 13.01.2025
(54) APPARATUS AND METHOD DESIGNING CHARGING AND BLASTING FOR STOPE EXCAVATION

(71) Schneider Electric (Australia) Pty Limited
(21) 2025200107 (22) 08.01.2025
(54) ELECTRICAL OUTLET FACEPLATE AND SYSTEM

(71) SENSE2 PTY LTD
(21) 2025200218 (22) 10.01.2025
(54) High-Performance Coatings for Cables and Connectors with Diamond/Carbon-Based Nanocomposites, AI-Driven Manufacturing, and Optional Biomimetic, Self-Healing, and Energy-Harvesting Embodiments

(71) Siemens Mobility GmbH
(21) 2025200269 (22) 14.01.2025
(54) Method for switch diagnosis for a railroad switch, simulation model and computing facility

(71) SITERWELL ELECTRONICS CO., LIMITED
(21) 2025200166 (22) 10.01.2025
(54) OBSTACLE DETECTION SYSTEM IMPLEMENTED BY ONE ULTRASONIC SENSOR, AND SMOKE ALARM

(71) Slennett-Roberts, T.
(21) 2025200129 (22) 09.01.2025
(54) 'Process Of The Optimative Bridge'.

(71) Snap-on Incorporated
(21) 2025200234 (22) 13.01.2025
(54) Orbital tools

(71) Sony Corporation
(21) 2025200110 (22) 08.01.2025

(54) AUDIO PROCESSING DEVICE AND METHOD, AND PROGRAM THEREFOR

(71) Stand Technologies Pty Ltd
(21) 2025200207 (22) 10.01.2025
(54) A heavy-duty jack stand

(71) STAR VISION PTY LTD
(21) 2025200191 (22) 10.01.2025
(54) Automatic Retractable Coffee Maker for Recreational Vehicles

(71) STAR VISION PTY LTD; LIU, X.N.
(21) 2025200192 (22) 10.01.2025
(54) Automatic Bicycle Lift System for Recreational Vehicles

(71) STEMLINE THERAPEUTICS, INC.
(21) 2025200220 (22) 11.01.2025
(54) IMPROVED LYOPHILIZED FORMULATION

(71) Stryker Corporation
(21) 2025200264 (22) 14.01.2025
(54) Surgical apparel system and method of use

(71) Sungrow Power Supply Co., Ltd.
(21) 2025200172 (22) 10.01.2025
(54) Inverter, method for turning off inverter, and photovoltaic system

(71) SUN RISE E&T CORPORATION
(21) 2025200182 (22) 10.01.2025
(54) WIND AND WAVE REDUCTION DEVICE FOR AN OFFSHORE SOLAR PHOTOVOLTAIC MODULE AND WIND AND WAVE REDUCTION SYSTEM INCLUDING THE SAME

(71) SUN RISE E&T CORPORATION
(21) 2025200186 (22) 10.01.2025
(54) SUPPORT SYSTEM FOR OFFSHORE SOLAR PHOTOVOLTAICS EQUIPMENT

(71) Syngenta Crop Protection AG
(21) 2025200209 (22) 10.01.2025
(54) Haploid induction compositions and methods for use therefor

(71) Tata Consultancy Services Limited
(21) 2025200108 (22) 08.01.2025
(54) METHOD AND SYSTEM FOR GENERATING INDEXED CORPUS FOR DOMAIN-DRIVEN KNOWLEDGE AUGMENTED QUESTION ANSWERING

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(71) Techtronic Cordless GP
(21) 2025200118 (22) 08.01.2025
(54) Differential gear of mobile power tool and the mobile power tool

(71) Techtronic Cordless GP
(21) 2025200212 (22) 10.01.2025
(54) Battery pack

(71) Techtronic Cordless GP
(21) 2025200253 (22) 13.01.2025
(54) Reversible Stacking Mating Interface

(71) The Texas A&M University System
(21) 2025200221 (22) 11.01.2025
(54) ENDOLYSOSOMAL TARGETING CONJUGATES FOR IMPROVED DELIVERY OF CARGO MOLECULES TO THE ENDOLYSOSOMAL COMPARTMENT OF TARGET CELLS

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(21) 2025200204

(71) The UAB Research Foundation;
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(21) 2025200133 (22) 09.01.2025
(54) Lactate dehydrogenase a (Idha) ima compositions and methods of use thereof

(71) The University of North Carolina at Chapel Hill
(21) 2025200160 (22) 09.01.2025
(54) Synthetic liver-tropic adeno-associated virus capsids and uses thereof

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(21) 2025200228

(71) Tweed Shire Council
(21) 2025200101 (22) 08.01.2025
(54) IMPROVEMENT TO BIOLOGICAL PHOSPHORUS REMOVAL PROCESSES

(71) Tyco Fire & Security GmbH
(21) 2025200190 (22) 10.01.2025
(54) Central plant optimization planning tool with advanced user interface

(71) Tyco Fire Products LP
(21) 2025200248 (22) 13.01.2025

(54) Systems and methods of real-time electronic fire sprinkler location and activation

(71) Unigen, Inc.
(21) 2025200121 (22) 08.01.2025
(54) A standardized bioflavonoid composition for regulation of homeostasis of host defense mechanism

Universidade Tecnológica Federal do Paraná see Petróleo Brasileiro S.A. - Petrobras
(21) 2025200246

(71) University of Utah Research Foundation
(21) 2025200169 (22) 10.01.2025
(54) Method for detecting analytes with a fluorophore

(71) Vaxcyte, Inc.
(21) 2025200091 (22) 07.01.2025
(54) Polypeptide-antigen conjugates with non-natural amino acids

(71) Vertex Pharmaceuticals Incorporated;
Merck Patent GmbH
(21) 2025200232 (22) 13.01.2025
(54) GCN2 inhibitors and uses thereof

(71) VIDEO GAMING TECHNOLOGIES, INC.
(21) 2025200125 (22) 08.01.2025
(54) ELECTRONIC GAMING MACHINE INCLUDING A WIRELESS CHARGING APPARATUS

(71) W & E Platt Pty Ltd
(21) 2025200082 (22) 07.01.2025
(54) Mount for a firearm

(71) Warner, M.
(21) 2025200223 (22) 11.01.2025
(54) Processing SLAM maps with PPK GPS to create accurate maps

(71) Wedding Taskers
(21) 2025200224 (22) 11.01.2025
(54) DYNAMIC CONTENT GENERATION AND PERSONALISATION SYSTEM FOR BESPOKE PUBLICATIONS

(71) Whirlpool Corporation
(21) 2025200100 (22) 08.01.2025
(54) Wood Bowl For A Stand Mixer And Related Methods

(71) Wilcox Industries Corp.
(21) 2025200251 (22) 13.01.2025

(54) Weapon Accessory Riser And Integral Keypad For Weapon Handguard

(71) Wilcox Industries Corp.
(21) 2025200252 (22) 13.01.2025
(54) Side Shroud Assembly For Helmet With Modular Accessory Interface

(71) Wing Aviation LLC
(21) 2025200210 (22) 10.01.2025
(54) Semantic adjustment of unmanned aerial vehicle delivery points

(71) Wonderland Switzerland AG
(21) 2025200188 (22) 10.01.2025
(54) Crotch Belt Device and Child Safety Seat

(71) WONDERLAND SWITZERLAND AG
(21) 2025200135 (22) 09.01.2025
(54) TRANSPORTATION DEVICE

(71) X Development LLC
(21) 2025200161 (22) 09.01.2025
(54) Wildfire identification in imagery

(71) XINTHERA, INC.
(21) 2025200139 (22) 09.01.2025
(54) Azetidine and pyrrolidine PARP1 inhibitors and uses thereof

(71) Yamada, K.; Fuso Pharmaceutical Industries, Ltd.
(21) 2025200159 (22) 09.01.2025
(54) Therapeutic drug for lipid-peroxidation-induced diseases and screening method for therapeutic drugs for lipid-peroxidation-induced diseases

(71) Yan' AN UNIVERSITY
(21) 2025200127 (22) 08.01.2025
(54) Device and Method for Preparing Carbon Dioxide Microemulsion

(71) Yaskawa Nordic AB
(21) 2025200165 (22) 09.01.2025
(54) Robot System

(71) Yung Chi Industry Co., Ltd.
(21) 2025200261 (22) 14.01.2025
(54) Tube cutter for tubes with various diameters

(71) Zhang, K.
(21) 2025200208 (22) 10.01.2025
(54) Methods and systems employing generative foundation model for ophthalmic diagnostics

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(71) ZHEJIANG SHINTOWN INDUSTRY
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(21) 2025200240 (22) 13.01.2025
(54) A COOKING UTENSIL

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2025200153	JinHua ShineTree Household Products Co., Ltd.	2025200221	The Texas A&M University System
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2025200156	EnviCore Inc.	2025200224	Wedding Taskers
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2025200158	Samsung Electronics Co., Ltd.	2025200226	Angel Group Co., Ltd.
2025200159	Yamada, K.; Fuso Pharmaceutical Industries, Ltd.		
2025200160	The University of North Carolina at Chapel Hill		

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2025200227	Kljuje, U.; Quantum Growth Research PTY LTD
2025200228	Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation
2025200229	Otsuka Pharmaceutical Co., Ltd.
2025200230	Hope Medical Enterprise, Inc. d.b.a. Hope Pharmaceuticals
2025200231	Cricut, Inc.
2025200232	Vertex Pharmaceuticals Incorporated; Merck Patent GmbH
2025200233	Rovi Guides, Inc.
2025200234	Snap-on Incorporated
2025200235	Foshan Baitai Auto Accessories Co., Ltd
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2025200244	Jiangmen Bonanza Metalware Co., Ltd.
2025200245	Ablynx NV
2025200246	Petróleo Brasileiro S.A. - Petrobras; Universidade Tecnológica Federal do Paraná
2025200247	Fujitsu Limited
2025200248	Tyco Fire Products LP
2025200249	Ocugen, Inc.
2025200250	Cartiheal (2009) Ltd.
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2025200252	Wilcox Industries Corp.
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2025200254	Icahn School of Medicine at Mount Sinai
2025200255	Mallinckrodt Hospital Products IP Unlimited Company
2025200256	DSM IP Assets B.V.
2025200257	BRISTOL-MYERS SQUIBB COMPANY
2025200258	Acer Incorporated
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2025200260	Deere & Company
2025200261	Yung Chi Industry Co., Ltd.
2025200262	Dimitroff, T.R.
2025200263	Origin Point Brands, LLC
2025200264	Stryker Corporation
2025200265	Electrix International Ltd
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2025200268	FISHER & PAYKEL HEALTHCARE LIMITED
2025200269	Siemens Mobility GmbH
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2025200274	One Home Brands, Inc.
2025200279	Lashify, Inc.

Applications Lapsed, Refused Or Withdrawn, Patents Ceased or Expired

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

The codes next to each number have the following meanings:

Code Meaning

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

A	Applications on which examination has not been requested or directed
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D	Applications which have been accepted or advertised accepted
E	Patents on which an examination has not been requested
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 2022224857 (5C) 2022241608 (5C) 2022241613 (5C)
 2022245711 (5C) 2022246381 (5C) 2022246452 (5C)
 2022252695 (5C) 2022252846 (5C) 2022253338 (25D)
 2022256193 (5C) 2022256225 (5C) 2022259704 (5C)
 2022259725 (5C) 2022259728 (5C) 2022259863 (5C)
 2022263486 (5C) 2022271378 (5C) 2022275390 (5C)
 2022275498 (5C) 2022279394 (5C) 2022279545 (5C)
 2022283629 (5C) 2022283664 (5C) 2022283711 (5C)
 2022283778 (5C) 2022285035 (5C) 2022287613 (5C)
 2022287648 (5C) 2022291468 (5C) 2022291499 (5C)
 2022291500 (5C) 2022291614 (5C) 2022291640 (5C)
 2022305807 (25D)

2023

2023100071 (22) 2023100082 (22) 2023200022 (5C)
 2023200062 (5C) 2023200180 (5C) 2023200227 (5C)
 2023200397 (5C) 2023200650 (5C) 2023200663 (5C)
 2023200851 (5C) 2023200886 (25D) 2023201090 (5C)
 2023201453 (5C) 2023201751 (5C) 2023202172 (5C)
 2023208126 (5C) 2023216778 (5C) 2023219980 (5C)
 2023233106 (5CN) 2023237076 (5CN) 2023248061 (5CN)
 2023248104 (25D) 2023254914 (5CN) 2023263524 (5CN)

2024

2024100019 (21F) 2024227457 (1B) 2024227500 (1B)
 2024227525 (1B) 2024227550 (1B) 2024227579 (1B)
 2024227611 (1B) 2024227652 (1B) 2024227654 (1B)
 2024227733 (7AN) 2024259644 (7BN) 2024259661 (7AN)
 2024903087 (12AN)

Assignments before Grant, Section 113

2020

2020259907 K R CULLEY PTY LTD The application has been assigned to **PHOENIX EMS PTY LTD**

2020390926 Keymed Biosciences Co., Ltd; Shanghai Lingyue Biopharma Co., Ltd The application has been assigned to **Keymed Biosciences Co., Ltd**

2021

2021281236 FlightWave Aerospace Systems The application has been assigned to **UAVPatent Corp.**

2022

2022269668 FLIGHTWAVE AEROSPACE SYSTEMS The application has been assigned to **UAVPatent Corp.**

2022270157 FLIGHTWAVE AEROSPACE SYSTEMS The application has been assigned to **UAVPatent Corp.**

2022287605 K R CULLEY PTY LTD The application has been assigned to **PHOENIX EMS PTY LTD**

2022342151 BAKER HUGHES OILFIELD OPERATIONS LLC The application has been assigned to **Hydril USA Distribution LLC**

2023

2023904000 K R CULLEY PTY LTD The application has been assigned to **PHOENIX EMS PTY LTD**

Assignments before Grant, Section 113**2024**

2024201029 **MorphoSys AG** The application has been assigned to **Incyte Corporation**

Extensions of Time, Section 223**Applications Received**

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

2014

2014208941 **DEN AUTOMATION LIMITED** An application to extend the time from 27 Jan 2023 to 27 Oct 2024 in which to pay a renewal fee has been filed . Address for service - Fraser Old & Sohn PO Box 560 MILSONS POINT NSW 1565 AU

2015

2015324749 **OCRI b.v.** An application to extend the time from 02 Oct 2022 to 02 Aug 2024 in which to pay a renewal fee has been filed . Address for service - Michael Buck IP PO Box 78 Red Hill QLD 4059 AU

2023

2023100026 **Milwaukee Electric Tool Corporation** An application to extend the time from 09 Apr 2024 to 09 Dec 2024 in which to pay a renewal fee has been filed . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

Applications Allowed - Section 223(2)**2019**

2019378179 **Seares S.R.L.** The time in which to pay a continuation fee has been extended to 11 Jul 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2020

2020370149 **New Sky Energy, LLC** The time in which to request examination has been extended to 23 Oct 2024 . Address for service - LAMIN-AR IP PTY LTD PO Box 599 Milsons Point NSW 1565 AU

2023

2023247347 **CHEVRON U.S.A. INC.** The time in which to enter the National Phase has been extended to 01 Dec 2024 . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

2023251528 **Trianni, Inc.** The time in which to pay a continuation fee has been extended to 03 Sep 2024 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2024

2024227621 **Jenkins, D.** The time in which to comply with a direction under Reg 3.2A has been extended to 01 Feb 2025 . Address for service - David Colin Jenkins PO Box 184 Northgate QLD 4013 AU

2024267073 **Schmiedel, O.** The time in which to claim the convention priority date has been extended to 06 Dec 2024 . Address for service

Extensions of Time, Section 223

- Origin Patent and Trade Mark Attorneys P O Box 106775 Auckland 1143 NZ

2024287118 **Foshan Xin Zhong Sheng Energy Technology Co., Ltd** The time in which to claim the convention priority date has been extended to 06 Jan 2025 . Address for service - FOUNDRY INTELLECTUAL PROPERTY PTY LTD PO Box Q1466 Queen Victoria Building NSW 1230 AU

Section 223(1) Allowances**2016**

2016392456 **Mauser-Werke GmbH** The time in which to pay a renewal fee has been extended to 10 Oct 2024

Amendments**Applications for Amendment**

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

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

2013

2013219296 Oral pharmaceutical composition **Taiho Pharmaceutical Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 16 Dec 2024 . Address for service - Phillips Ormonde Fitzpatrick L 16 333 Collins St Melbourne VIC 3000 AU

2013219382 Oral administrable pharmaceutical composition **Taiho Pharmaceutical Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 16 Dec 2024 . Address for service - Phillips Ormonde Fitzpatrick L 16 333 Collins St Melbourne VIC 3000 AU

2013290173 Factor VIII complex with XTEN and von Willebrand Factor protein, and uses thereof **Bioverativ Therapeutics Inc.** The nature of the amendment is: To add co-inventor Jiang, Haiyan . Address for service - Griffith Hack Level 15 376-390 Collins St MELBOURNE VIC 3000 AU

2017

2017345560 In vitro and cell based assays for measuring the activity of botulinum neurotoxins **President and Fellows of Harvard College** The nature of the amendment is as shown in the statement(s) filed 20 Dec 2024 . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2017388891 Polypeptide-antigen conjugates with non-natural amino acids **Vaxcyte, Inc.** The nature of the amendment is as shown in the statement(s) filed 07 Jan 2025 . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2018

2018203206 Factor VIII Complex With XTEN and Von Willebrand Factor Protein, and Uses Thereof **Bioverativ Therapeutics Inc.** The nature of the amendment is: To add co-inventor Jiang, Haiyan .

Amendments

Address for service - Griffith Hack Level 15 376-390 Collins St MEL-
BOURNE VIC 3000 AU

2018361802 Deployable devices and methods **Expro North Sea Limited** The nature of the amendment is as shown in the statement(s) filed 25 Nov 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2018371063 Methods and kits for amplification of double stranded DNA **4basebio SI** The nature of the amendment is as shown in the statement(s) filed 19 Dec 2024 . Address for service - FB Rice Pty Ltd L 33 477 Collins Street Melbourne VIC 3000 AU

2019

2019226563 Trust and identity management systems and methods **Intertrust Technologies Corporation** The nature of the amendment is as shown in the statement(s) filed 08 Jan 2025 . Address for service - Phillips Ormonde Fitzpatrick Level 16 333 Collins Street Melbourne VIC 3000 AU

2019289199 Bicyclic peptide ligands specific for Nectin-4 **BicycleTx Limited** The nature of the amendment is: Amend the name of the inventor to read BESWICK, Paul; CHEN, Liuhong; MUDD, Gemma Elizabeth; PARK, Peter; VAN RIETSCHOTEN, Katherine; RIGBY, Michael; BLAKEMORE, Stephen; GELB, Tara AND KEEN, Nicholas . Address for service - Allens Patent & Trade Mark Attorneys 101 Collins Street MELBOURNE VIC 3000 AU

2019289200 Bicyclic peptide ligands specific for Nectin-4 **BicycleTx Limited** The nature of the amendment is: Amend the name of the inventor to read BESWICK, Paul; CHEN, Liuhong; MUDD, Gemma Elizabeth; PARK, Peter; VAN RIETSCHOTEN, Katherine; RIGBY, Michael; BLAKEMORE, Stephen; GELB, Tara AND KEEN, Nicholas . Address for service - Allens Patent & Trade Mark Attorneys 101 Collins Street MELBOURNE VIC 3000 AU

2019296843 Composition of alginate oligosaccharide diacids **Shanghai Green Valley Pharmaceutical Co., Ltd. ; Shanghai Institute of Materia Medica, Chinese Academy of Sciences** The nature of the amendment is as shown in the statement(s) filed 24 Dec 2024 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2019304180 Fertilizer coating method **Pursell Agri-Tech, LLC ; Huntsman International LLC** The nature of the amendment is as shown in the statement(s) filed 19 Nov 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2019346612 Parallel tuned amplifiers **Yank Technologies, Inc.** The nature of the amendment is as shown in the statement(s) filed 10 Jan 2025 . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd Level 15 241 Adelaide Street BRISBANE QLD 4000 AU

2019354591 Thermoplastic films and bags with malodor particle based odor control and methods of making the same **The Glad Products Company** The nature of the amendment is as shown in the statement(s) filed 07 Jan 2025 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2020

2020239717 User interfaces for managing media **Apple Inc.** The nature of the amendment is: To add the name of co-inventor SOR-

Amendments

RENTINO III, William A. . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

2021

2021107587 User interfaces for managing media **Apple Inc.** The nature of the amendment is: To add co-inventor SORRENTINO III, William A. . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower, Level 33 161 Castlereagh Street Sydney NSW 2000 AU

2021203016 Vagus nerve stimulation system **Parasym Ltd** The nature of the amendment is as shown in the statement(s) filed 28 Nov 2024 . Address for service - Davies Collison Cave Pty Ltd Level 10, 301 Coronation Drive MILTON QLD 4064 AU

2021376273 ORAL HYDROGEL COMPOSITIONS AND USES **COLGATE-PALMOLIVE COMPANY** The nature of the amendment is as shown in the statement(s) filed 19 Dec 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2021401314 DUAL AMYLIN AND CALCITONIN RECEPTOR AGONISTS AND USES THEREOF **ELI LILLY AND COMPANY ; Key-Bioscience SA** The nature of the amendment is as shown in the statement(s) filed 25 Nov 2024 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2022

2022204711 Peptidic linkers and cryptophycin conjugates, useful in therapy, and their preparation **Sanofi** The nature of the amendment is as shown in the statement(s) filed 17 Dec 2024 . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2022207550 LIPID COMPOUNDS AND LIPID NANOPARTICLE COMPOSITIONS **SUZHOU ABOGEN BIOSCIENCES CO., LTD.** The nature of the amendment is as shown in the statement(s) filed 29 Dec 2024 . Address for service - Churchill Attorneys PO BOX 3238 BURNLEY NORTH VIC 3121 AU

2022210153 AUTHENTICATION METHOD AND COMMUNICATION APPARATUS **HUAWEI TECHNOLOGIES CO., LTD.** The nature of the amendment is as shown in the statement(s) filed 03 Jan 2025 . Address for service - Halfords IP GPO Box 4212 Sydney NSW 2001 AU

2022213682 CRYSTAL FORM OF METHYLPYRAZOLE-SUBSTITUTED PYRIDOIMIDAZOLE COMPOUND AND PREPARATION METHOD THEREFOR **CGENETECH (SUZHOU, CHINA) CO., LTD** The nature of the amendment is as shown in the statement(s) filed 09 Jan 2025 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2022279386 Novel Autophagy-Targeting Chimera (AUTOTAC) Compound, and Composition for Preventing, Alleviating, or Treating Diseases Through Target Protein Degradation Comprising Same **Autotac Inc.** The nature of the amendment is as shown in the statement(s) filed 20 Dec 2024 . Address for service - Adams Pluck PO Box 905 HORNSBY NSW 2077 AU

2023

2023200808 SEAL AND ITS MANUFACTURING PROCESS **Carl Freudenberg KG** The nature of the amendment is: Amend the name of the inventors to read BARILLAS, Gonzalo; ILINSEER, Albert; FINK,

Amendments

Andrej; KUHNERT, Jens; STRUBING, Frank and FIETZ, Roland . Address for service - Halfords IP GPO Box 4212 Sydney NSW 2001 AU

2023203052 CONTROL CHANNEL DETECTION AND INFORMATION ELEMENT TRANSMISSION METHODS AND APPARATUSES, DEVICE AND STORAGE MEDIUM **ZTE Corporation** The nature of the amendment is as shown in the statement(s) filed 12 Dec 2024 . Address for service - Pizzey's Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2023210539 Systems and methods for processing designs **Canva Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 10 Jan 2025 . Address for service - FPA Patent Attorneys Pty Ltd Suite 2, Level 9 275 George Street Sydney NSW 2000 AU

2023210541 Systems and methods for processing designs **Canva Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 24 Dec 2024 . Address for service - FPA Patent Attorneys Pty Ltd Suite 2, Level 9 275 George Street Sydney NSW 2000 AU

Amendments Made

2003

2003224729 **Amgen (Europe) GmbH** The nature of the amendment is as shown in the statement filed 01 Oct 2024

2016

2016361334 **PepsiCo, Inc.** The nature of the amendment is: Amend the invention title to read Beverage nanoemulsions produced by high shear processing

2018

2018305876 **Haldor Topsøe A/S** The nature of the amendment is as shown in the statement filed 30 Jul 2024

2018306123 **Kverneland Group Kerteminde AS** The nature of the amendment is as shown in the statement filed 23 Aug 2024

2018360566 **Allogene Therapeutics, Inc.; Les Laboratoires Servier** The nature of the amendment is as shown in the statement filed 23 Sep 2024

2019

2019265002 **Xenon Pharmaceuticals Inc.** The nature of the amendment is as shown in the statement filed 20 Sep 2024 and 04 Oct 2024

2019296843 **Shanghai Green Valley Pharmaceutical Co., Ltd.; Shanghai Institute of Materia Medica, Chinese Academy of Sciences** The nature of the amendment is: Amend the invention title to read Composition of alginate oligosaccharide diacids

2019356235 **Novartis AG** The nature of the amendment is: Amend the name of the inventor to read CAO, Yudong; JIANG, Siyi; KIM, Hongyong; KORDIKOWSKI, Andreas; XIA, Mei; YU, Bo; ZHANG, Jing and ZHAO, Yi

2019420618 **Johnson & Johnson Consumer Inc.** The nature of the amendment is: Amend the name of the inventor to read MCNALLY, Gerard P.; DAVE, Vipul and PANDEY, Anurag

Amendments

2020

2020281079 **PepsiCo, Inc.** The nature of the amendment is: Amend the invention title to read Beverage nanoemulsions produced by high shear processing

2020286311 **Alnylam Pharmaceuticals, Inc.; ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI** The nature of the amendment is as shown in the statement filed 08 Oct 2024

2020333788 **MIPS AB** The nature of the amendment is as shown in the statement filed 17 Sep 2024

2021

2021201841 **FISHER & PAYKEL HEALTHCARE LIMITED** The nature of the amendment is as shown in the statement filed 04 Sep 2024

2021208629 **Great Plains Manufacturing, Inc.** The nature of the amendment is as shown in the statement filed 18 Sep 2024

2021211194 **Wonderland Switzerland AG** The nature of the amendment is as shown in the statement filed 26 Sep 2024

2021221561 **F&P Tech Fitness Limited** The nature of the amendment is as shown in the statement filed 20 Sep 2024

2021231700 **P2 Science, Inc.** The nature of the amendment is as shown in the statement filed 18 Sep 2024

2021240146 **FISHER & PAYKEL HEALTHCARE LIMITED** The nature of the amendment is as shown in the statement filed 04 Sep 2024

2021294863 **BURG LÜLING GMBH & CO. KG; USM U. Schärer Söhne AG** The nature of the amendment is as shown in the statement filed 05 Sep 2024

2021327130 **BicycleTx Limited** The nature of the amendment is: Amend the name of the inventor to read BLAKEMORE, Stephen J.; GELB, Tara; SANTOS, Sean M.; COHEN, Heather B. and CAMPBELL, Carly

2021374824 **HARBOUR ANTIBODIES BV; LEIDEN UNIVERSITY MEDICAL CENTER** The nature of the amendment is: To remove co-applicant ERASMUS UNIVERSITY MEDICAL CENTER ROTTERDAM

2022

2022203405 **NVIDIA Corporation** The nature of the amendment is: Amend the name of the inventor to read Tam, Lickkong; Hatamizadeh, Ali; Wang, Xiaosong; Xu, Daguang; Zhao, Can; Wen, Yuhong; Lu, Kevin; Bhalodia, Riddish and Li, Wenqi

2022204814 **iRobot Corporation** The nature of the amendment is as shown in the statement filed 03 Sep 2024

2022215294 **Esco Group LLC** The nature of the amendment is as shown in the statement filed 18 Sep 2024

Amendments

2022228123 **Wi-Tronix, LLC** The nature of the amendment is as shown in the statements filed 25 Sep 2024 and 03 Oct 2024

2022240119 **Nord Quantique Inc.** The nature of the amendment is: To amend the applicant name to Nord Quantique Inc.

2022275470 **OrsoBio, Inc.** The nature of the amendment is as shown in the statement filed 24 Sep 2024

2022344176 **SEPHORA USA, INC.** The nature of the amendment is: Amend the name of the inventor to read TENDULKAR, Prasad; MENSAH, Nelly; NICHOLAS, Anna Teresa; BERTONE, Jillian; ZHU, Lisa; STOKES, Jennifer; LIUJANTO, Witono; OELCKERS, Aaron; MC-COTTER, Marc; HADDAR, Harsha; KAVANAGH, Fiona; ADIRAJU, Amit and JANARDHAN, Naroju

2022346234 **UNIVERSITY OF FREIBURG** The nature of the amendment is: Amend the name of the inventor to read OTT, Thomas; SIUKSTAITE, Lina; SU, Chao; ROMER, Winfried and SCHENK, Casandra

2022375785 **aTyr Pharma, Inc.** The nature of the amendment is: Amend the name of the inventor to read BURMAN, Luke G.; CHONG, Yeeting; RAUCH, Kaitlyn and GREENE, Leslie Ann

2023

2023200121 **RMH Tech LLC** The nature of the amendment is: Amend the invention title to read A MOUNTING BRACKET ADAPTED TO BE SECURED TO A TRAPEZOIDAL RIB OF A BUILDING SURFACE

2023201366 **RMH Tech LLC** The nature of the amendment is: Amend the invention title to read TRAPZOIDAL RIB MOUNTING BRACKET

2023276614 **DICKSON, M.** The nature of the amendment is: Remove priority details US 17/824,728, filed on 25 May 2022

2023277829 **RATHI, R.A.** The nature of the amendment is as shown in the statement filed 09 Dec 2024

2023285959 **Howmedica Osteonics Corp.** The nature of the amendment is: Amend the name of the inventor to read POLTARET-SKYI, Sergii; CHAOUI, Jean; CARIU, Damien and MOORE, Jesse. G

2023286860 **HUAWEI TECHNOLOGIES CO., LTD.** The nature of the amendment is: Amend the invention title to read SIGNAL SYNCHRONIZATION METHOD APPLIED TO ULTRA-WIDEBAND SYSTEM, AND COMMUNICATION APPARATUS

2023298501 **RI Hou** The nature of the amendment is: Amend the invention title to read Solar power plant management system, asset management platform, machine management system, and information processing method

2023298943 **DAIKIN INDUSTRIES, LTD.; THE UNIVERSITY OF TOKYO** The nature of the amendment is: Amend the invention title to read Refrigeration cycle apparatus

2024

2024259642 **THALES; UNIVERSITE PARIS-SACLAY; Centre National de la Recherche Scientifique** The nature of the amendment

Amendments

is: Amend the invention title to read Method of controlling the observation of a space using a tracking system and associated device

2024264558 **BicycleTx Limited** The nature of the amendment is: Amend the name of the inventor to read BESWICK, Paul; CHEN, Liuhong; MUDD, Gemma Elizabeth; PARK, Peter; VAN RIETSCHOTEN, Katerine; RIGBY, Michael; BLAKEMORE, Stephen; GELB, Tara and KEEN, Nicholas

2024267073 **Schmiedel, O.** The nature of the amendment is: To remove co-applicant Origin Patent and Trade Mark Attorneys

2024267073 **Schmiedel, O.** The nature of the amendment is: Amend the priority details to read 804281 06 Oct 2023 NZ

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

2005

2005286768 **DOTDASH MEDIA INC.** The name of the patentee has been altered to **Dotdash Meredith Inc.**

2007

2007343643 **DOTDASH MEDIA INC.** The name of the patentee has been altered to **Dotdash Meredith Inc.**

2010

2010304753 **SAHAJANAND MEDICAL TECHNOLOGIES PRIVATE LIMITED** The name of the patentee has been altered to **Sahajanand Medical Technologies Limited**

2013

2013336675 **SAHAJANAND MEDICAL TECHNOLOGIES PRIVATE LIMITED** The name of the patentee has been altered to **Sahajanand Medical Technologies Limited**

2016

2016235685 **Suzhou Auzone Biological Technology Co., Ltd** The name of the patentee has been altered to **Shanghai Auzone Biological Technology Co., Ltd.**

2019

2019227498 **Genomics PLC** The name of the patentee has been altered to **Genomics Limited**

2019280517 **Bayer Animal Health GmbH** The name of the applicant has been altered to **Elanco Animal Health GmbH**

2019290228 **Asklepios Biopharmaceutical, Inc.** The name of the applicant has been altered to **AskBio Inc.**

2019322188 **Modern Biosciences Limited** The name of the patentee has been altered to **Istesso Therapeutics Limited**

2019381776 **Asklepios Biopharmaceutical, Inc.** The name of the applicant has been altered to **AskBio Inc.**

2019381803 **Asklepios Biopharmaceutical, Inc.** The name of the applicant has been altered to **AskBio Inc.**

Amendments

2020

2020257561 Modern Biosciences Limited The name of the applicant has been altered to **Istesso Therapeutics Limited**

2020295507 Asklepios Biopharmaceutical, Inc. The name of the applicant has been altered to **AskBio Inc.**

2020338287 GENOMICS PLC The name of the applicant has been altered to **Genomics Limited**

2020367106 Cerberus Interactive, Inc. The name of the applicant has been altered to **Atlas Reality, Inc.**

2020388634 Asklepios Biopharmaceutical, Inc. The name of the applicant has been altered to **AskBio Inc.**

2020407119 Asklepios Biopharmaceutical, Inc. ; The University of North Carolina at Chapel Hill The name of the applicant has been altered to **AskBio Inc.; The University of North Carolina at Chapel Hill**

2021

2021265093 RingIT, Inc. The name of the applicant has been altered to **PREFERABLI, INC.**

2021320244 Asklepios Biopharmaceutical, Inc. The name of the applicant has been altered to **AskBio Inc.**

2021344607 Asklepios Biopharmaceutical, Inc. The name of the applicant has been altered to **AskBio Inc.**

2021358957 ASKLEPIOS BIOPHARMACEUTICAL, INC. ; THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL The name of the applicant has been altered to **AskBio Inc.; THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL**

2021393076 GENOMICS PLC The name of the applicant has been altered to **Genomics Limited**

2021393812 GENOMICS PLC The name of the applicant has been altered to **Genomics Limited**

2021398150 BIORAY PHARMACEUTICAL CO., LTD.; HISUN BIOPHARMACEUTICAL CO., LTD. The name of the applicant has been altered to **BIORAY PHARMACEUTICAL CO., LTD.; Bioray Pharmaceutical(Hangzhou) Co., Ltd.**

2022

2022211712 Asklepios Biopharmaceutical, Inc. The name of the applicant has been altered to **AskBio Inc.**

2022256479 Asklepios Biopharmaceutical, Inc. The name of the applicant has been altered to **AskBio Inc.**

2022367878 GENOMICS PLC The name of the applicant has been altered to **Genomics Limited**

2022470254 ZHEJIANG LEAPPOWER TECHNOLOGY CO., LTD ; ZHEJIANG LEAPMOTOR TECHNOLOGY CO., LTD The name of

Amendments

the applicant has been altered to **Zhejiang LeapEnergy Technology Co.,Ltd.; ZHEJIANG LEAPMOTOR TECHNOLOGY CO., LTD**

2023

2023211606 Asklepios Biopharmaceutical, Inc. The name of the applicant has been altered to **AskBio Inc.**

2023224856 ASKLEPIOS BIOPHARMACEUTICAL, INC. ; DUKE UNIVERSITY The name of the applicant has been altered to **AskBio Inc.; DUKE UNIVERSITY**

2023235203 Asklepios Biopharmaceutical, Inc. The name of the applicant has been altered to **AskBio Inc.**

2023240256 Asklepios Biopharmaceutical, Inc. The name of the applicant has been altered to **AskBio Inc.**

2023289658 Asklepios Biopharmaceutical, Inc. The name of the applicant has been altered to **AskBio Inc.**

2023302944 THE JOHNS HOPKINS UNIVERISTY The name of the applicant has been altered to **The Johns Hopkins University**

2024

2024266783 Metabolic Technologies, Inc. The name of the applicant has been altered to **Metabolic Technologies, LLC**

2024278494 Zhejiang LeapEnergy Technology Co. Ltd ; Zhejiang Leapmotor Technology Co., Ltd The name of the applicant has been altered to **Zhejiang LeapEnergy Technology Co., Ltd.; Zhejiang Leapmotor Technology Co., Ltd**

2024900238 The University of Sydney The name of the applicant has been altered to **The University of Sydney; Cerebral Palsy Alliance, The Research Foundation**

2024903322 Instruments and Data Tools Pty Ltd The name of the applicant has been altered to **Carbon Link Limited**

Applications Open to Public Inspection

Name Index

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

(71) Access Care Amenities Pty Ltd
(11) AU-A-2024204686
(21) 2024204686 (22) 05.07.2024
(54) AUTONOMOUS FOLLOWER VEHICLE
(51) Int. Cl.
G05D 1/686 (2024.01)
B60W 60/00 (2020.01)
G05D 1/247 (2024.01)
G05D 1/43 (2024.01)
G05D 1/689 (2024.01)
B62B 5/00 (2006.01)
G05D 109/10 (2024.01)
(31) 2023902191 (32) 07.07.23 (33) AU
(43) 23.01.2025
(72) SABA, Eamad
(74) IP Guardian Pty Ltd

(71) Acuitas Therapeutics Inc.
(11) AU-A-2025200096
(21) 2025200096 (22) 07.01.2025
(54) Lipids and lipid nanoparticle formulations for delivery of nucleic acids
(51) Int. Cl.
C07D 295/13 (2006.01)
A61K 47/18 (2017.01)
C07C 211/22 (2006.01)
C07C 233/36 (2006.01)
C07C 233/38 (2006.01)
C07C 235/74 (2006.01)
(43) 23.01.2025
(62) 2022256201
(72) Du, Xinyao; Ansell, Steven M.
(74) Davies Collison Cave Pty Ltd

(71) AF Water Systems Equipment Co., Ltd.
(11) AU-A-2024200538
(21) 2024200538 (22) 30.01.2024
(54) Regenerative filtration system and control method thereof
(51) Int. Cl.
B01D 61/22 (2006.01)
B01D 41/00 (2006.01)
C02F 1/00 (2023.01)
(31) 202310817527.2 (32) 04.07.23 (33) CN
(43) 23.01.2025
(72) SMITH, Andrew Mark; CHEN, Yufang
(74) A.P.T. Patent and Trade Mark Attorneys

AIO - ALL IN ONE THERAPY Pty Ltd see Lowe, J.
(21) 2023204251

(71) Allorion Therapeutics Inc
(11) AU-A-2025200001
(21) 2025200001 (22) 02.01.2025
(54) Aminoheteroaryl kinase inhibitors
(51) Int. Cl.

C07D 239/48 (2006.01)
A61K 31/505 (2006.01)
A61P 35/00 (2006.01)
(43) 23.01.2025
(62) 2021385745
(72) CHENG, Dai; DING, Qiang; HE, Zhixiang; ZHOU, Xiaobo; ZHOU, Yang; YIN, Xiaohang; XIE, Zeqiang
(74) FPA Patent Attorneys Pty Ltd

(71) Alstom Holdings
(11) AU-A-2024204595
(21) 2024204595 (22) 03.07.2024
(54) Method and system for estimating the position of a railway vehicle travelling along a railway line, and railway vehicle comprising such system
(51) Int. Cl.
B61L 25/02 (2006.01)
G01C 21/12 (2006.01)
(31) 23306158.9 (32) 07.07.23 (33) EP
(43) 23.01.2025
(72) ZINGONI, Niccolò; LUCIDI, Andrea; FRATINI, Matteo; CHIOSI, Lorenzo
(74) Davies Collison Cave Pty Ltd

(71) Amadeite
(11) AU-A-2025200105
(21) 2025200105 (22) 08.01.2025
(54) Algal extract for use in the treatment or prevention of post-traumatic immunosuppression
(51) Int. Cl.
A61K 36/05 (2006.01)
A61P 31/00 (2006.01)
A61P 37/04 (2006.01)
(43) 23.01.2025
(62) 2019364677
(72) ASEHNOUNE, Karim; JACQUELINE, Cédric; BOURAS, Marwan; ROQUILLY, Antoine; NYVALL-COLLÉN, Pi; DE-MAIS, Hervé; BALUSSON, Hervé
(74) Davies Collison Cave Pty Ltd

(71) Amgen Inc.
(11) AU-A-2024287176
(21) 2024287176 (22) 23.12.2024
(54) Drug delivery device having damping mechanism
(51) Int. Cl.
A61M 5/20 (2006.01)
A61M 5/315 (2006.01)
(43) 23.01.2025
(62) 2019361919
(72) MELANDER, Matias; PEDERSEN, Jakob Halkjaer; PLAMBECH, Christian; MCCULLOUGH, Adam B.; JAZAYERI, Julian
(74) Spruson & Ferguson

(71) Anglo American Technical & Sustainability Services Ltd; Anglo Corporate Services South Africa (Pty) Ltd.
(11) AU-A-2025200043
(21) 2025200043 (22) 03.01.2025
(54) An integrated heap leach process
(51) Int. Cl.
C22B 3/04 (2006.01)
B03D 1/02 (2006.01)
(43) 23.01.2025
(62) 2022279471
(72) FILMER, Anthony Owen; ALEXANDER, Daniel John; BILEY, Christopher Alan
(74) FB Rice Pty Ltd

Anglo Corporate Services South Africa (Pty) Ltd. see Anglo American Technical & Sustainability Services Ltd
(21) 2025200043

(71) Apple Inc.
(11) AU-A-2025200117
(21) 2025200117 (22) 08.01.2025
(54) Wellness aggregator
(51) Int. Cl.
G06Q 10/06 (2023.01)
G06F 3/048 (2013.01)
G06Q 50/22 (2024.01)
(43) 23.01.2025
(62) 2023210654
(72) YANG, Lawrence Y.; FOSTER, James H.; KEEN, Daniel S.; KENNEDY, Zachery; LEMAY, Stephen O.; O'REILLY, Michael; PARK, Dennis S.; SOLI, Christopher D.; TRIBBLE, Guy L.; WHITE-HURST, Todd K.; MISTRI, Afshad M.; DAVYDOV, Anton M.; MINJACK, Zachary; EDWARDS, Dylan Ross; BEBERG, Adam L.; PAHWA, Aroon; WEBER, Rebecca L.; NAG, Divya; LYNCH, Kevin; LYSIK, Stacey; NOVICK, Gregory; MARIC, Natalia; PITSCHEL, Donald W.; GREER, Stephanie; BLAHNIK, Jay K.; EUN, Christine
(74) FPA Patent Attorneys Pty Ltd

(71) Archangel Lightworks Ltd
(11) AU-A-2025200003
(21) 2025200003 (22) 02.01.2025
(54) WIDE APERTURE OPTICAL COMMUNICATIONS
(51) Int. Cl.
H04B 10/11 (2013.01)
G02B 3/00 (2006.01)
G02B 26/08 (2006.01)
H04B 10/116 (2013.01)
(43) 23.01.2025
(62) 2019244446
(72) Sola, Daniel John Peter; Pryce-Jones, Owain
(74) PHILLIPS ORMONDE FITZPATRICK

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(71) Aristocrat Technologies Australia Pty Limited (11) AU-A-2025200122 (21) 2025200122 (22) 08.01.2025 (54) GAMING SYSTEM PROVIDING FOR VARIABLE ANCILLARY NON-CASH AWARDS (51) Int. Cl. <i>G07F 17/32</i> (2006.01) (43) 23.01.2025 (62) 2019202076 (72) BANSAL, Shailesh; KAUR, Harjeet; KUMAR, Mohit (74) Griffith Hack	(51) Int. Cl. <i>A61B 1/00</i> (2006.01) <i>A61B 1/05</i> (2006.01) <i>A61B 1/06</i> (2006.01) (43) 23.01.2025 (62) 2019294724 (72) LAROCHE, Adam Michael; VIERING, Kirsten; GOLDEN, John B.; KIPPENBROCK, Scott; DILLS, Adam; SCHNEIDER, Seth Charles (74) Spruson & Ferguson	(43) 23.01.2025 (62) 2023200570 (72) SATO, Masaaki; KUBO, Yukio; MUNEETSUGU, Hiroyuki; WADA, Koji (74) Spruson & Ferguson
(71) AxoGen Corporation (11) AU-A-2024287234 (21) 2024287234 (22) 27.12.2024 (54) CAPTURE-TOOL FOR MANIPULATING AND ENTUBULATING NERVES (51) Int. Cl. <i>A61B 10/02</i> (2006.01) (43) 23.01.2025 (62) 2023201015 (72) Faleris, Jennifer; Engemann, Anne; Deister, Curt (74) RnB IP Pty Ltd	(71) Boston Scientific Scimed, Inc. (11) AU-A-2024287271 (21) 2024287271 (22) 31.12.2024 (54) Endoscope having multiple viewing directions (51) Int. Cl. <i>A61B 1/00</i> (2006.01) <i>A61B 1/05</i> (2006.01) (43) 23.01.2025 (62) 2023222976 (72) CALABRESE, Andrew; BARBATO, Louis J.; GAFFNEY, Brian; WOOD, Mark D. (74) Spruson & Ferguson	(71) Canon Kabushiki Kaisha (11) AU-A-2024287264 (21) 2024287264 (22) 31.12.2024 (54) Cartridge, drum unit, and image forming apparatus (51) Int. Cl. <i>G03G 21/18</i> (2006.01) (43) 23.01.2025 (62) 2021345939 (72) FUJINO, Toshiki; HIRAYAMA, Akinobu; SASAKI, Teruhiko; KAWAI, Tachio; ABE, Daisuke; MORIOKA, Masanari; KAWANAMI, Takeo; FUKASAWA, Yu (74) Spruson & Ferguson
Bayer HealthCare LLC see Regeneron Pharmaceuticals, Inc. (21) 2024204244	(71) CAAMTECH, INC. (11) AU-A-2025200038 (21) 2025200038 (22) 03.01.2025 (54) CRYSTALLINE HYDROCHLORIDE SALTS OF SUBSTITUTED TRYPTAMINES (51) Int. Cl. <i>A61K 31/404</i> (2006.01) <i>A61K 31/33</i> (2006.01) <i>A61K 31/40</i> (2006.01) <i>A61K 31/00</i> (2006.01) (43) 23.01.2025 (62) 2022300870 (72) CHADEAYNE, Andrew R. (74) Allens Patent & Trade Mark Attorneys	(71) Caterpillar Global Mining Equipment LLC (11) AU-A-2024204071 (21) 2024204071 (22) 14.06.2024 (54) SYSTEM AND METHOD FOR POSITIONING OR REMOVING PIN (51) Int. Cl. <i>B25B 27/04</i> (2006.01) <i>B60D 1/58</i> (2006.01) <i>B60P 1/28</i> (2006.01) (31) 18/347619 (32) 06.07.23 (33) US (43) 23.01.2025 (72) HUMERES, Adam; FRANK, David Matthew (74) FPA Patent Attorneys Pty Ltd
(71) BGC Partners, Inc. (11) AU-A-2025200049 (21) 2025200049 (22) 06.01.2025 (54) PRODUCTS AND PROCESSES FOR ORDER DISTRIBUTION (51) Int. Cl. <i>G06Q 40/00</i> (2023.01) (43) 23.01.2025 (62) 2022287662 (72) Driscoll, James R.; Noviello, Joseph; Claus, Matthew (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd	(71) Canon Kabushiki Kaisha (11) AU-A-2024287254 (21) 2024287254 (22) 30.12.2024 (54) Cartridge and image forming apparatus (51) Int. Cl. <i>G03G 21/18</i> (2006.01) <i>G03G 15/08</i> (2006.01) (43) 23.01.2025 (62) 2021343023 (72) SUGIMOTO, Sohta; HIJIKATA, Shunsuke; HAYASHI, Naoki; FUKASAWA, Yu; ISHIKAWA, Seiya; NISHIDA, Shinichi; TOBA, Shinjiro; KAWANAMI, Takeo; FUKUI, Yuichi; EGAMI, Yasuyuki (74) Spruson & Ferguson	(71) Caterpillar Global Mining Equipment LLC (11) AU-A-2024204075 (21) 2024204075 (22) 14.06.2024 (54) HOOD FOR A DRILLING SYSTEM AND METHOD FOR MAINTAINING A HOOD OF A DRILLING SYSTEM (51) Int. Cl. <i>E21B 21/015</i> (2006.01) <i>E21B 15/00</i> (2006.01) <i>F16J 15/32</i> (2016.01) <i>F16J 15/52</i> (2006.01) (31) 3205867 (32) 07.07.23 (33) CA (43) 23.01.2025 (72) NAGARAJAN, Ravi Kumar; CHRISTIANSON, Scott Alan (74) FPA Patent Attorneys Pty Ltd
(71) Block, Inc. (11) AU-A-2024287192 (21) 2024287192 (22) 23.12.2024 (54) Device-aware communication requests (51) Int. Cl. <i>G06Q 10/06</i> (2023.01) <i>G06Q 50/12</i> (2012.01) (43) 23.01.2025 (62) 2021351490 (72) MAHANTI, Arjun; KURSMARK, Matthew, T.; STEGALL, Brian (74) FB Rice Pty Ltd	(71) Canon Kabushiki Kaisha (11) AU-A-2024287255 (21) 2024287255 (22) 30.12.2024 (54) Cartridge, member constituting cartridge, and image forming apparatus (51) Int. Cl. <i>G03G 21/16</i> (2006.01)	(71) Checkmate Pharmaceuticals, Inc. (11) AU-A-2024287196 (21) 2024287196 (22) 23.12.2024 (54) SYNTHETIC RIG-I-LIKE RECEPTOR AGONISTS (51) Int. Cl. <i>C12N 15/117</i> (2010.01) (43) 23.01.2025 (62) 2023229532 (72) KRIEG, Arthur M.; MORRIS, Aaron Jay (74) RNB IP PTY LTD
(71) Boston Scientific Scimed, Inc. (11) AU-A-2024287258 (21) 2024287258 (22) 30.12.2024 (54) Encapsulated components of medical devices, and methods therefor		

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(71) Checkpoint Systems, Inc.
(11) AU-A-2025200010
(21) 2025200010 (22) 02.01.2025
(54) DUAL HARD TAG
(51) Int. Cl.

G08B 13/24 (2006.01)

(43) 23.01.2025
(62) 2018424202
(72) WEAKLEY, Thomas C.; LI, Morui
(74) Maxwells Patent & Trade Mark Attorneys Pty Ltd

(71) China Medical University
(11) AU-A-2024204626
(21) 2024204626 (22) 03.07.2024
(54) Cell Repair-Promoting Extracellular Vesicle, Production Method, Preparation, and Use Thereof
(51) Int. Cl.
C12N 5/074 (2010.01)
A61K 35/28 (2015.01)
A61P 17/02 (2006.01)

(31) 63/512091 (32) 06.07.23 (33) US
(43) 23.01.2025
(72) CHEN, Yi-Wen; SHIE, Ming-You; LEE, Jian-Jr; CHO, Der-Yang; CHEN, Cheng-Yu; LIN, Yen-Hong
(74) ALDRICH PROJECTS PTY LTD

(71) Cixi Bosheng Plastic Co., Ltd.
(11) AU-A-2025200022
(21) 2025200022 (22) 02.01.2025
(54) Mop bucket for cleaning and wringing flat mop
(51) Int. Cl.
A47L 13/59 (2006.01)
A47L 13/60 (2006.01)
(43) 23.01.2025
(62) 2023255048
(72) Zhiyong, HUANG
(74) SOLIS IP PTY LTD

(71) COGNITIV CORP.
(11) AU-A-2025200058
(21) 2025200058 (22) 06.01.2025
(54) EFFICIENT CROSS-PLATFORM SERVING OF DEEP NEURAL NETWORKS FOR LOW LATENCY APPLICATIONS
(51) Int. Cl.
G06N 5/04 (2023.01)
G06N 3/04 (2023.01)
G06N 3/02 (2006.01)
(43) 23.01.2025
(62) 2022292565
(72) ANDALMAN, Aaron
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) COHEN, M.
(11) AU-A-2024204628
(21) 2024204628 (22) 03.07.2024
(54) System And Method For Leveraging Force
(51) Int. Cl.
B60K 17/32 (2006.01)
B60K 17/36 (2006.01)

(31) 304259 (32) 04.07.23 (33) IL
(43) 23.01.2025
(72) COHEN, Menashe
(74) WRAYS PTY LTD

(71) ConnectWise, LLC
(11) AU-A-2024287241
(21) 2024287241 (22) 27.12.2024
(54) SYSTEMS AND METHODS FOR UP-DATING THE CONFIGURATION OF A CLOUD SERVICE
(51) Int. Cl.
H04L 41/0895 (2022.01)
G06F 9/455 (2018.01)
H04L 41/0631 (2022.01)
H04L 41/0686 (2022.01)
H04L 41/069 (2022.01)
H04L 41/0816 (2022.01)
H04L 41/40 (2022.01)
H04L 41/5061 (2022.01)
H04L 43/0817 (2022.01)
H04L 43/20 (2022.01)
H04L 67/00 (2022.01)

(43) 23.01.2025
(62) 2022200380
(72) FULTON, Craig M.; BURGESS, Stephen; Bellini, Arnold
(74) RnB IP Pty Ltd

(71) Crop Enhancement, Inc.
(11) AU-A-2025200017
(21) 2025200017 (22) 02.01.2025
(54) NONTOXIC COATING CONCENTRATES FOR AGRICULTURAL USES
(51) Int. Cl.
A01N 25/02 (2006.01)
A01N 25/04 (2006.01)
A01N 25/24 (2006.01)
A01N 47/30 (2006.01)
(43) 23.01.2025
(62) 2022224721

(72) Flores, Jonathan; Hajduk, Damian; Newton, Turner; Rifai, Sandra; Mahoney, Robert P.; Soane, David S.; Portilla, Rosa Casado; Bosley, Matthew A.
(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

D'Amico, B.M. see D'Amico Jr., F.J.
(21) 2024227431

(71) D'Amico Jr., F.J.; D'Amico, B.M.
(11) AU-A-2024227431
(21) 2024227431 (22) 17.10.2024
(54) TERMITE REPELLENT AND WOOD PROTECTOR
(51) Int. Cl.

A01N 65/36 (2009.01)
A01N 25/04 (2006.01)
A01N 25/24 (2006.01)
A01P 7/04 (2006.01)
C09D 5/14 (2006.01)
C09D 133/00 (2006.01)

(43) 23.01.2025
(62) 2019336760
(72) D'AMICO, Biljana Milankovic; D'AMICO Jr., Frank J.
(74) Origin Patent and Trade Mark Attorneys

(71) Dana-Farber Cancer Institute, Inc.
(11) AU-A-2025200069
(21) 2025200069 (22) 06.01.2025
(54) Compositions and methods for cancer treatment
(51) Int. Cl.
A61K 9/00 (2006.01)
A61K 9/06 (2006.01)
A61K 31/4418 (2006.01)
A61K 31/455 (2006.01)
A61K 39/395 (2006.01)
A61K 45/06 (2006.01)
A61K 47/36 (2006.01)
A61P 35/00 (2006.01)

(43) 23.01.2025
(62) 2019238197
(72) GOLDBERG, Michael Solomon
(74) WRAYS PTY LTD

(71) Dechra Limited
(11) AU-A-2024287186
(21) 2024287186 (22) 23.12.2024
(54) Ultra-long acting insulin-Fc fusion proteins and methods of use
(51) Int. Cl.
A61K 38/00 (2006.01)
C07K 7/08 (2006.01)
C07K 14/575 (2006.01)
C07K 14/76 (2006.01)
(43) 23.01.2025
(62) 2019291945
(72) LANCASTER, Thomas M.; ZION, Todd C.
(74) FPA Patent Attorneys Pty Ltd

(71) Dexcom, Inc.
(11) AU-A-2025200039
(21) 2025200039 (22) 03.01.2025
(54) Systems and methods for providing sensitive and specific alarms
(51) Int. Cl.
A61B 5/00 (2006.01)
A61B 5/145 (2006.01)
(43) 23.01.2025
(62) 2022246382
(72) BHAVARAJU, Naresh C.; COBELLI, Claudio; FACCHINETTI, Andrea; HAM-PAPURAM, Hari; KAMATH, Apurv Ullas; RACK-GOMER, Anna Leigh; SPARACINO, Giovanni; ZECCHIN, Chiara
(74) FB Rice Pty Ltd

(71) Dixon, R.
(11) AU-A-2023203918
(21) 2023203918 (22) 21.06.2023
(54) Plastic screw on connector enabling connection between a disposable plastic paint bladder bag to an automotive underbody texture spray gun
(51) Int. Cl.

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- B05B 7/24** (2006.01)
F16L 15/00 (2006.01)
F16L 47/16 (2006.01)
(43) 23.01.2025
(72) Dixon, Robert
(74) Katherine Dixon
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- Doty, J.F. see Paragon Advanced Technologies, Inc.**
(21) 2025200114
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- (71)** Dynamic Biologics Inc.
(11) AU-A-2024204581
(21) 2024204581 **(22)** 02.07.2024
(54) LEVODOPA FATTY ACID DERIVATIVES, FORMULATIONS THEREOF, AND THEIR USES FOR THE TREATMENT OF PARKINSON'S DISEASE
(51) Int. Cl.
C07C 229/36 (2006.01)
A61K 31/198 (2006.01)
(31) 18/218,372 **(32)** 05.07.23 **(33)** US
(43) 23.01.2025
(72) Patel, Deven; Mishra, Manoj K.; Sharma, H. Rajan; Gari, Leema Reddy Peddareddy
(74) James & Wells Intellectual Property
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- (71)** Earthgrid Pbc
(11) AU-A-2024287174
(21) 2024287174 **(22)** 23.12.2024
(54) Tunnel boring system
(51) Int. Cl.
E21B 7/15 (2006.01)
E21B 7/14 (2006.01)
E21C 37/16 (2006.01)
E21C 37/18 (2006.01)
E21D 9/08 (2006.01)
E21D 9/10 (2006.01)
(43) 23.01.2025
(62) 2021418973
(72) HELMING, Troy Anthony
(74) Spruson & Ferguson
-
- (71)** Edwards Lifesciences Corporation
(11) AU-A-2025200086
(21) 2025200086 **(22)** 07.01.2025
(54) Heart valve sealing devices and delivery devices therefor
(51) Int. Cl.
A61F 2/24 (2006.01)
(43) 23.01.2025
(62) 2023203729
(72) DIXON, Eric Robert; CHEN, Jensen; MORATORIO, Guillermo W.; CAO, Hengchu; DOMINICK, Douglas Thomas; DELGADO, Sergio; FRESCHAUF, Lauren R
(74) Spruson & Ferguson
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- (71)** Elanco Animal Health GmbH
(11) AU-A-2024287213
(21) 2024287213 **(22)** 24.12.2024
(54) Formulation for use in the simultaneous treatment of coccidial infections and iron deficiencies
-
- (51)** Int. Cl.
A61K 31/53 (2006.01)
A23K 50/60 (2016.01)
A23L 33/10 (2016.01)
A23L 33/165 (2016.01)
A61K 9/00 (2006.01)
A61K 31/555 (2006.01)
A61K 45/06 (2006.01)
A61K 47/60 (2017.01)
(43) 23.01.2025
(62) 2019280517
(72) HOFMANN, Stefan; BÖRNGEN, Kirsten; VINZING, Maya
(74) Davies Collison Cave Pty Ltd
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- (71)** Electrolux do Brasil S.A.
(11) AU-A-2024287206
(21) 2024287206 **(22)** 24.12.2024
(54) STORAGE STRUCTURE FOR REFRIGERATOR APPLIANCE
(51) Int. Cl.
A47B 96/02 (2006.01)
F25D 17/04 (2006.01)
F25D 25/02 (2006.01)
(43) 23.01.2025
(62) 2018410662
(72) VOLTARELLI, Antonio; MERCER, Israel; LEIDENS, Rafael; COLECHA, Alcione; PICANÇO, Guilherme
(74) Halfords IP
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- (71)** EXEL Industries
(11) AU-A-2024204466
(21) 2024204466 **(22)** 28.06.2024
(54) Garden fluid flow connectors
(51) Int. Cl.
F16L 37/107 (2006.01)
F16L 37/113 (2006.01)
(31) 2310494.6 **(32)** 07.07.23 **(33)** GB
2408748.8 18.06.24 GB
(43) 23.01.2025
(72) WILSON, Jack; BOUGHTON, Robert
(74) FB Rice Pty Ltd
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- (71)** EXEL Industries
(11) AU-A-2024204579
(21) 2024204579 **(22)** 02.07.2024
(54) Garden hose connectors
(51) Int. Cl.
F16L 33/00 (2006.01)
A01G 25/02 (2006.01)
(31) 2310495.3 **(32)** 07.07.23 **(33)** GB
2408753.8 18.06.24 GB
(43) 23.01.2025
(72) Ballu, Patrick; Wilson, Jack
(74) FB Rice Pty Ltd
-
- (71)** Fate Therapeutics, Inc.
(11) AU-A-2024287257
(21) 2024287257 **(22)** 30.12.2024
(54) Methods and compositions for inducing hematopoietic cell differentiation
(51) Int. Cl.
C12N 5/078 (2010.01)
C12N 5/02 (2006.01)
C12N 5/07 (2010.01)
C12N 5/0783 (2010.01)
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- C12N 5/0789** (2010.01)
(43) 23.01.2025
(62) 2022203153
(72) VALAMEHR, Bahram; CLARKE, Rael-dun
(74) Spruson & Ferguson
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- (71)** FISHER & PAYKEL HEALTHCARE LIMITED
(11) AU-A-2025200081
(21) 2025200081 **(22)** 07.01.2025
(54) SEAL FOR A PATIENT INTERFACE, INTERFACE ASSEMBLIES AND ASPECTS THEREOF
(51) Int. Cl.
A61M 16/06 (2006.01)
(43) 23.01.2025
(62) 2021286274
(72) PATEL, Roheet; BEARNE, Peter David Alexander; COX, Michael John Henri; MASHAL, Fadi Karim Moh'd; MIDDELKOOP, Kirstin Elizabeth
(74) AJ PARK
-
- (71)** Follea International
(11) AU-A-2023229514
(21) 2023229514 **(22)** 13.09.2023
(54) Systems and methods for predicting response to oral minoxidil for the treatment of androgenetic alopecia
(51) Int. Cl.
C12Q 1/6876 (2018.01)
A61B 5/026 (2006.01)
A61K 31/506 (2006.01)
A61P 17/14 (2006.01)
C12Q 1/48 (2006.01)
(31) 18/240,485 **(32)** 31.08.23 **(33)** US
63/512,137 06.07.23 US
(43) 23.01.2025
(72) GOREN, Ofer Andy
(74) Spruson & Ferguson
-
- (71)** Freeport Minerals Corporation
(11) AU-A-2025200076
(21) 2025200076 **(22)** 07.01.2025
(54) Systems, devices and methods for improved efficiency of ball mills
(51) Int. Cl.
B02C 17/22 (2006.01)
B02C 17/18 (2006.01)
B02C 17/24 (2006.01)
B65G 53/40 (2006.01)
(43) 23.01.2025
(62) 2024204441
(72) CORAY, Dale
(74) FB Rice Pty Ltd
-
- (71)** Frequentis AG
(11) AU-A-2024204547
(21) 2024204547 **(22)** 30.06.2024
(54) Voice Communication System
(51) Int. Cl.
H04W 4/06 (2009.01)
G01S 13/91 (2006.01)
H04B 7/14 (2006.01)
H04L 69/30 (2022.01)
(31) 23183331.0 **(32)** 04.07.23 **(33)** EP

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(43) 23.01.2025
(72) PROKOP, Hannes
(74) WRAYS PTY LTD

(71) GAIA Architect Sydney Pty Ltd
(11) AU-A-2023305021
(21) 2023305021 (22) 04.09.2023
(54) ARCHITECTURAL DRAWING CRE-
ATION SUPPORT SYSTEM
(51) Int. Cl.
G06F 30/13 (2020.01)
G06F 30/10 (2020.01)
G06F 30/12 (2020.01)
G06T 7/33 (2017.01)
G06T 11/20 (2006.01)
G06T 19/00 (2011.01)
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G06F 9/445 (2018.01)
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G06T 13/00 (2011.01)
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A61K 9/00 (2006.01)
A61M 5/315 (2006.01)
A61M 37/00 (2006.01)
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G06N 99/00 (2019.01)
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B05B 1/12 (2006.01)
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(54) Video image component prediction
method and apparatus, and computer
storage medium
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method and apparatus, and computer
storage medium
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(54) Video image component prediction method and apparatus, and computer storage medium
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C07K 14/54 (2006.01)
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C07K 16/28 (2006.01)
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A61P 35/00 (2006.01)
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C07D 487/04 (2006.01)
A61K 31/495 (2006.01)
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A61P 25/28 (2006.01)
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A61P 17/00 (2006.01)
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A61K 9/10 (2006.01)
A61K 31/519 (2006.01)
A61K 47/10 (2017.01)
A61K 47/38 (2006.01)
A61P 35/00 (2006.01)
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F16C 32/04 (2006.01)
H02K 7/09 (2006.01)
H02K 7/116 (2006.01)
H02K 16/02 (2006.01)
H02K 51/00 (2006.01)
H02P 17/00 (2006.01)
H02K 7/08 (2006.01)
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G06F 18/214 (2023.01)
G06N 3/08 (2023.01)
G06Q 10/0835 (2023.01)
G06V 10/44 (2022.01)
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G02F 1/133 (2006.01)
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(54) LAUNDRY TREATING APPARATUS
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D06F 58/06 (2006.01)
D06F 58/08 (2006.01)
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D06F 58/10 (2006.01)
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C07D 401/12 (2006.01)
A61P 29/00 (2006.01)
C07D 237/24 (2006.01)
C07D 413/14 (2006.01)
C07D 491/06 (2006.01)

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(54) MONITORING SYSTEM FOR FACILITIES
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G08B 21/04 (2006.01)
G08B 21/02 (2006.01)
G08B 25/12 (2006.01)
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B60T 7/20 (2006.01)
B60T 8/32 (2006.01)
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A23K 10/16 (2016.01)
A23K 10/30 (2016.01)
A23K 20/189 (2016.01)
A23K 50/10 (2016.01)
A61K 36/062 (2006.01)
A61K 38/44 (2006.01)
C12N 1/14 (2006.01)
C12N 9/08 (2006.01)
C12R 1/645 (2006.01)

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H04L 9/08 (2006.01)
H04L 9/32 (2006.01)

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A61H 7/00 (2006.01)
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A01D 34/82 (2006.01)
A01D 75/18 (2006.01)
A47L 11/40 (2006.01)
A01D 34/62 (2006.01)
A01D 101/00 (2006.01)
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H01S 3/00 (2006.01)
H01S 3/23 (2006.01)
H01S 5/40 (2006.01)
G02B 26/08 (2006.01)
G02B 27/09 (2006.01)
G02B 27/14 (2006.01)
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(21) 2024287223 (22) 24.12.2024
(54) Material and method for producing cell receiving scaffold
(51) Int. Cl.
A61L 27/26 (2006.01)
A61L 27/38 (2006.01)
A61L 27/50 (2006.01)
A61L 27/52 (2006.01)
B33Y 70/00 (2020.01)
B33Y 80/00 (2015.01)
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(21) 2025200083 (22) 07.01.2025
(54) Robotic surgical system and methods utilizing a cutting bur for bone penetration and cannulation
(51) Int. Cl.
A61B 34/30 (2016.01)
A61B 17/16 (2006.01)
A61B 17/17 (2006.01)
A61B 34/00 (2016.01)
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(21) 2025200087 (22) 07.01.2025
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F21V 29/00 (2015.01)
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(51) Int. Cl.
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C08G 18/71 (2006.01)
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A61K 38/00 (2006.01)
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(21) 2024287267 **(22)** 31.12.2024
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A61K 39/395 (2006.01)
A61P 35/04 (2006.01)
C12N 15/113 (2010.01)
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A61K 47/68 (2017.01)
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A61P 35/00 (2006.01)
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- (71)** Mettler Packaging Pty. Ltd.
(11) AU-A-2024204251
(21) 2024204251 **(22)** 21.06.2024
(54) Plastic carrier bag
(51) Int. Cl.
B65D 30/10 (2006.01)
A45F 5/10 (2006.01)
B65D 33/00 (2006.01)
(31) 23183739.4 **(32)** 05.07.23 **(33)** EP
(43) 23.01.2025
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(74) Davies Collison Cave Pty Ltd
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(21) 2024278297 **(22)** 11.12.2024
(54) AUTOMATED TRUSS MANUFACTURING AND ASSEMBLY SYSTEM
(51) Int. Cl.
B27M 3/00 (2006.01)
B25J 5/02 (2006.01)
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B25J 9/02 (2006.01)
B25J 9/04 (2006.01)
B25J 9/06 (2006.01)
B25J 9/12 (2006.01)
B25J 9/16 (2006.01)
B25J 13/08 (2006.01)
B25J 15/00 (2006.01)
B25J 15/02 (2006.01)

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B27B 5/18 (2006.01)
B27B 31/00 (2006.01)
G05B 19/18 (2006.01)
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B65G 17/06 (2006.01)
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(54) AUTOMATED TRUSS MANUFACTURING AND ASSEMBLY SYSTEM
(51) Int. Cl.
B27M 3/00 (2006.01)
B25J 5/02 (2006.01)
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G05B 19/4093 (2006.01)
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(54) AUTOMATED TRUSS MANUFACTURING AND ASSEMBLY SYSTEM
(51) Int. Cl.
B27M 3/00 (2006.01)
B25J 5/02 (2006.01)
B25J 9/00 (2006.01)
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B27B 5/18 (2006.01)
B27B 31/00 (2006.01)
G05B 19/418 (2006.01)
G06Q 10/063 (2023.01)
G06Q 10/087 (2023.01)
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(11) AU-A-2024287270
(21) 2024287270 **(22)** 31.12.2024
(54) Oil-in-water Pickering emulsion
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B01J 13/00 (2006.01)
A23L 29/10 (2016.01)
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(21) 2025200103 **(22)** 08.01.2025
(54) SYSTEM, APPARATUS AND METHOD FOR PATIENT POSITIONING PRIOR TO, DURING AND/OR AFTER MEDICAL PROCEDURES
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F16C 11/06 (2006.01)
F15B 15/26 (2006.01)
(43) 23.01.2025
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(54) LIPOSOMAL FORMULATION FOR JOINT LUBRICATION
(51) Int. Cl.
A61L 27/50 (2006.01)
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(74) PHILLIPS ORMONDE FITZPATRICK
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- (71)** Nacuity Pharmaceuticals, Inc.
(11) AU-A-2025200018
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(54) METHODS OF MAKING DEUTERIUM-ENRICHED N-ACETYLCYSTEINE AMIDE (D-NACA) AND (2R,2R')-3,3'-DISULFANEDIYL BIS(2-ACETAMIDOPROPANAMIDE) (DINACA) AND USING D-NACA AND DINACA TO TREAT DISEASES INVOLVING OXIDATIVE STRESS
(51) Int. Cl.
C07C 233/76 (2006.01)
A61K 31/16 (2006.01)
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A61P 39/06 (2006.01)
C08K 5/20 (2006.01)
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(72) Wall, G. Michael
(74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd
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(21) 2024287253
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(54) SYSTEM AND METHOD
(51) Int. Cl.
G06F 16/901 (2019.01)
G06N 5/022 (2023.01)
G06Q 30/018 (2023.01)
(31) 2023902201 **(32)** 09.07.23 **(33)** AU
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(21) 2024287246 **(22)** 30.12.2024
(54) Electric assist bicycle
(51) Int. Cl.
B62M 6/40 (2010.01)
B60L 50/50 (2019.01)
B62J 1/06 (2006.01)
B62K 3/02 (2006.01)
B62K 19/30 (2006.01)
B62L 3/02 (2006.01)
B62M 6/85 (2010.01)
B62M 6/90 (2010.01)
(43) 23.01.2025
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(72) FOLEY, Nicholas; BOUCHARD, Jacob
(74) Dentons Patent Attorneys Australasia Limited
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(51) Int. Cl.
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(11) AU-A-2024287202
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(54) Apparatus and methods of spectacle solutions for myopia
(51) Int. Cl.

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A61K 39/395 (2006.01)
B01D 15/30 (2006.01)
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(11) AU-A-2025200109
(21) 2025200109 (22) 08.01.2025
(54) Lift and pallet
(51) Int. Cl.
B66F 9/12 (2006.01)
B60P 1/52 (2006.01)
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(74) Griffith Hack
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- (71) Research Institute at Nationwide Children's Hospital
(11) AU-A-2025200059
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(54) DNABII VACCINES AND ANTIBODIES WITH ENHANCED ACTIVITY
(51) Int. Cl.
C07K 19/00 (2006.01)
A61K 38/00 (2006.01)
A61K 39/102 (2006.01)
A61K 39/40 (2006.01)
A61P 31/04 (2006.01)
A61Q 11/02 (2006.01)
A61Q 17/00 (2006.01)
C07K 16/12 (2006.01)
C12N 15/62 (2006.01)
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G01N 33/569 (2006.01)
(43) 23.01.2025
(62) 2018206552
(72) Bakaletz, Lauren O.; Goodman, Steven D.
(74) HENRY HUGHES IP LTD
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- (71) Research Institute of Industrial Science & Technology; POSCO CO., Ltd
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(54) A method for producing lithium hydroxide from lithium-containing raw material
(51) Int. Cl.
C01D 15/02 (2006.01)
B01D 61/44 (2006.01)
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(74) Michael Buck IP
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- (71) Roar Equipment Pty Ltd
(11) AU-A-2024204647
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(54) IMPROVED DISPLAY CABINET APPARATUS AND METHOD
(51) Int. Cl.
F24F 6/14 (2006.01)
A47F 3/00 (2006.01)
A47F 3/04 (2006.01)
F24F 9/00 (2006.01)
F24F 6/00 (2006.01)
F24F 110/20 (2018.01)
(31) 2023902176 (32) 06.07.23 (33) AU
(43) 23.01.2025
(72) Flynn, Richard; Deronja, Tomislav
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- (71) Robotic Automation Pty Limited
(11) AU-A-2024287219
(21) 2024287219 (22) 24.12.2024
(54) Retractor Gripper
(51) Int. Cl.
B65G 47/90 (2006.01)
B65B 35/50 (2006.01)
B65G 57/02 (2006.01)
B65G 59/02 (2006.01)
B65G 61/00 (2006.01)
(43) 23.01.2025
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(72) WELLS, Colin
(74) Wallington-Dummer
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- (71) Rovi Guides, Inc.
(11) AU-A-2025200085
(21) 2025200085 (22) 07.01.2025
(54) Systems and methods for managing user subscriptions to content sources
(51) Int. Cl.
H04N 21/2543 (2011.01)
H04N 21/482 (2011.01)
(43) 23.01.2025
(62) 2023222886
(72) AMBROZIC, Christopher P.; HOFFMAN, Michael; PURSER, William E.
(74) Spruson & Ferguson
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- (71) RZ Industries LLC
(11) AU-A-2025200068
(21) 2025200068 (22) 06.01.2025
(54) Mask apparatuses and approach
(51) Int. Cl.
A62B 23/02 (2006.01)
A41D 13/11 (2006.01)
A62B 7/10 (2006.01)
(43) 23.01.2025
(62) 2019251217
(72) TORBENSON, Steve Gordon
(74) Griffith Hack
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- (71) Sambastian, A.
(11) AU-A-2024203998
(21) 2024203998 (22) 13.06.2024
(54) IMPROVED HANDLE FOR A PREPARATION CONTAINER, AND PREPARATION CONTAINER INCORPORATING SAME
(51) Int. Cl.
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- A47J 43/28** (2006.01)
A47J 47/16 (2006.01)
(31) 2023901921 (32) 17.06.23 (33) AU
(43) 23.01.2025
(72) Sambastian, Armand
(74) Armand Sambastian
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- (71) Schlumberger Technology B.V.
(11) AU-A-2024204664
(21) 2024204664 (22) 05.07.2024
(54) Pressure release system for well intervention
(51) Int. Cl.
E21B 33/03 (2006.01)
E21B 34/02 (2006.01)
E21B 34/06 (2006.01)
E21B 41/00 (2006.01)
E21B 43/00 (2006.01)
(31) 18/347941 (32) 06.07.23 (33) US
(43) 23.01.2025
(72) CAEKEBEKE, Laurent; CARRILLO, Kody; BABIN, Christopher Albert
(74) Griffith Hack
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- (71) Schneider Electric (Australia) Pty Limited
(11) AU-A-2025200107
(21) 2025200107 (22) 08.01.2025
(54) ELECTRICAL OUTLET FACEPLATE AND SYSTEM
(51) Int. Cl.
H01H 13/00 (2006.01)
H03K 17/955 (2006.01)
(43) 23.01.2025
(62) 2022275434
(72) Fry, Jason; Owen, David
(74) Madderns Pty Ltd
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- (71) Shanghai Jinko Green Energy Enterprise Management Co. Ltd.; Zhejiang Jinko Solar Co., Ltd.
(11) AU-A-2024287247
(21) 2024287247 (22) 30.12.2024
(54) SOLAR CELL, MANUFACTURING METHOD THEREOF, AND PHOTO-VOLTAIC MODULE
(51) Int. Cl.
H01L 31/0236 (2006.01)
H01L 31/0216 (2014.01)
H01L 31/046 (2014.01)
H01L 31/0475 (2014.01)
H01L 31/18 (2006.01)
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(74) BOSH IP Pty Ltd
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- (71) SharkNinja Operating LLC
(11) AU-A-2024287217
(21) 2024287217 (22) 24.12.2024
(54) COOKING SYSTEM
(51) Int. Cl.
A47J 27/086 (2006.01)
A47J 27/08 (2006.01)
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(74) PHILLIPS ORMONDE FITZPATRICK

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(21) 2023278017

(71) SK Innovation Co., Ltd.
(11) AU-A-2024201941
(21) 2024201941 (22) 26.03.2024
(54) SILICON-CARBON COMPOSITES CONTAINING CARBON DERIVED FROM METHANE PYROLYSIS AND USE THEREOF
(51) Int. Cl.
C01B 32/963 (2017.01)
C01B 3/26 (2006.01)
C01B 32/05 (2017.01)
C01B 33/025 (2006.01)
H01M 4/133 (2010.01)
H01M 4/134 (2010.01)
H01M 4/36 (2006.01)
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(72) Yun, Dongmin; Lee, Ji Hoon; Jang, Jung Geun
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Sony Corporation
(11) AU-A-2025200110
(21) 2025200110 (22) 08.01.2025
(54) AUDIO PROCESSING DEVICE AND METHOD, AND PROGRAM THEREFOR
(51) Int. Cl.
H04S 5/02 (2006.01)
H04R 1/40 (2006.01)
H04R 3/00 (2006.01)
(43) 23.01.2025
(62) 2024202480
(72) TSUJI, Minoru; CHINEN, Toru
(74) Griffith Hack

(71) Sungrow Power Supply Co., Ltd.
(11) AU-A-2024203674
(21) 2024203674 (22) 31.05.2024
(54) DC-coupled photovoltaic power generation system, operating state switching method and device of DC-coupled photovoltaic power generation system
(51) Int. Cl.
H02J 7/34 (2006.01)
H02J 1/10 (2006.01)
H02S 40/30 (2014.01)
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(43) 23.01.2025
(72) ZHAO, Shizun; WANG, Zhengyang; LU, Jitao; XIA, Tongfei
(74) FB Rice Pty Ltd

(71) Tav Holdings, Inc.
(11) AU-A-2025200050
(21) 2025200050 (22) 06.01.2025
(54) System and Method for Recovering Desired Materials from Fines in Incinerator Ash
(51) Int. Cl.
B03B 9/04 (2006.01)
(43) 23.01.2025
(62) 2022203835
(72) Valerio, Thomas
(74) Michael Buck IP

(71) Team Work Fencing Contractors
(11) AU-A-2024204616
(21) 2024204616 (22) 03.07.2024
(54) Retaining wall system
(51) Int. Cl.
E02D 29/02 (2006.01)
(31) 2023902028 (32) 27.06.23 (33) AU
(43) 23.01.2025
(72) Ashburner, David
(74) Team Work Fencing Contractors

(71) Tencent America LLC
(11) AU-A-2024287218
(21) 2024287218 (22) 24.12.2024
(54) METHOD FOR PICTURE OUTPUT WITH OUTPUT LAYER SET
(51) Int. Cl.
H04N 19/00 (2014.01)
(43) 23.01.2025
(62) 2023202725
(72) CHOI, Byeongdoo; LIU, Shan; WENGER, Stephan
(74) Griffith Hack

(71) Tencent America LLC
(11) AU-A-2025200006
(21) 2025200006 (22) 02.01.2025
(54) METHOD FOR SIGNALING MIXED NAT UNIT TYPE AND SUBPICTURE PARTITIONING IN CODED VIDEO STREAM
(51) Int. Cl.
H04N 19/51 (2014.01)
(43) 23.01.2025
(62) 2023204232
(72) Choi, Byeongdoo; Wenger, Stephan; Liu, Shan
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Tencent America LLC
(11) AU-A-2025200032
(21) 2025200032 (22) 03.01.2025
(54) TECHNIQUES FOR RANDOM ACCESS POINT INDICATION AND PICTURE OUTPUT IN CODED VIDEO STREAM
(51) Int. Cl.
H04N 19/68 (2014.01)

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(62) 2023204353
(72) Choi, Byeongdoo; Wenger, Stephan; Liu, Shan
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Tensar International Corporation
(11) AU-A-2024287200
(21) 2024287200 (22) 24.12.2024
(54) Sensor-enabled system and method for monitoring the health, condition, and/or status of rail track infrastructure
(51) Int. Cl.
G01L 5/101 (2020.01)
B61K 9/10 (2006.01)
B61L 23/04 (2006.01)
B61L 27/00 (2022.01)
(43) 23.01.2025
(62) 2021213831
(72) CAVANAUGH, Joseph; HAMMOND, Matthew; WALLACE, John
(74) GLMR

(71) Terra Quantum AG
(11) AU-A-2024204165
(21) 2024204165 (22) 19.06.2024
(54) A system and method for selecting an optimal action with a quantum computer
(51) Int. Cl.
G06N 10/60 (2022.01)
G06N 3/02 (2006.01)
G06N 20/00 (2019.01)
(31) 23184242.8 (32) 07.07.23 (33) EP
(43) 23.01.2025
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(74) Griffith Hack

(71) Thales DIS France SAS
(11) AU-A-2024287183
(21) 2024287183 (22) 23.12.2024
(54) SECURE ONLINE AUTHENTICATION METHOD USING MOBILE ID DOCUMENT
(51) Int. Cl.
G06F 21/35 (2013.01)
G06F 21/32 (2013.01)
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H04L 9/40 (2022.01)
(43) 23.01.2025
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(72) Schalldach, Thomas; Maunier, Gérald
(74) PHILLIPS ORMONDE FITZPATRICK

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(21) 2025200073

(71) Thinair Surfaces LLC
(11) AU-A-2024278520
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(54) Support apparatus and method with shear relief

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A61G 7/057 (2006.01)
A47C 27/10 (2006.01)
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(72) ZWETTLER, Chris James; BAUM-HARDT, Rich; HANZLIK, Jason; AL-BRECHT, Jim
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(54) Bridge device
(51) Int. Cl.
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- (71) Tomofun Co., Ltd.
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(54) Interactive device for pets
(51) Int. Cl.
A01K 15/02 (2006.01)
H04N 23/00 (2023.01)
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- Toshiba Energy Systems & Solutions Corporation see Kabushiki Kaisha Toshiba**
(21) 2024204330
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- (71) Trina Solar Co., Ltd.
(11) AU-A-2025200011
(21) 2025200011 (22) 02.01.2025
(54) Heterojunction cell and manufacturing method thereof, photovoltaic module, and photovoltaic system
(51) Int. Cl.
H10F 10/16 (2025.01)
H10F 77/20 (2025.01)
- (31) 202311380099.8 (32) 23.10.23 (33) CN
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(74) FB Rice Pty Ltd
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- (71) TRINA SOLAR CO., LTD.
(11) AU-A-2025200051
(21) 2025200051 (22) 06.01.2025
(54) Solar cell, method for preparing the same, photovoltaic module, and photovoltaic system
(51) Int. Cl.
H10F 77/14 (2025.01)
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- H10F 10/14** (2025.01)
H10F 71/00 (2025.01)
- (31) 202410612515.0 (32) 17.05.24 (33) CN
(43) 23.01.2025
(72) GAO, Jifan; WANG, Zigang
(74) Griffith Hack
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- (71) TRIUMF Inc.; The University of British Columbia
(11) AU-A-2025200073
(21) 2025200073 (22) 07.01.2025
(54) SYSTEMS, APPARATUS AND METHODS FOR SEPARATING ACTINIUM, RADIUM, AND THORIUM
(51) Int. Cl.
B01D 59/08 (2006.01)
B01D 9/02 (2006.01)
G21G 1/10 (2006.01)
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(62) 2019243560
(72) YANG, Hua; ZEISLER, Stefan; SCHAFER, Paul; ROBERTSON, Andrew Kyle Henderson
(74) HENRY HUGHES IP LTD
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- (71) Unigen, Inc.
(11) AU-A-2025200121
(21) 2025200121 (22) 08.01.2025
(54) A standardized bioflavonoid composition for regulation of homeostasis of host defense mechanism
(51) Int. Cl.
A61K 36/539 (2006.01)
A61K 31/00 (2006.01)
A61K 36/48 (2006.01)
A61P 31/12 (2006.01)
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(72) BROWNELL, Lidia; HORM, Teresa; JIA, Qi; O'NEAL, Alexandria; YIMAM, Mesfin
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- (71) University Of Massachusetts
(11) AU-A-2025200036
(21) 2025200036 (22) 03.01.2025
(54) AAV TREATMENT OF HUNTINGTON'S DISEASE
(51) Int. Cl.
A61K 48/00 (2006.01)
C12N 7/00 (2006.01)
C12N 15/113 (2010.01)
- (43) 23.01.2025
(62) 2017330411
(72) Mueller, Christian; Aronin, Neil; Pfister, Edith L.
(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
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- (71) Vence, Corp.
(11) AU-A-2025200027
(21) 2025200027 (22) 03.01.2025
(54) Livestock management system and method
(51) Int. Cl.
A01K 15/00 (2006.01)
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(72) WOOTEN, Frank; SINGLER, Patrick; FITZGERALD, Scott; PARKER, Todd; KOMSUOGLU, Haldun; YARUSINSKY, Michael Anthony; HUGHES, Matt
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- (71) Vincent, C.
(11) AU-A-2023204329
(21) 2023204329 (22) 05.07.2023
(54) Golf Ball warmer
(51) Int. Cl.
A63B 47/00 (2006.01)
A63B 57/20 (2015.01)
A63B 57/60 (2015.01)
- (43) 23.01.2025
(72) Vincent, Casey
(74) Casey Garnett Vincent
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- (71) V-TOL Aerospace Pty Ltd
(11) AU-A-2024204689
(21) 2024204689 (22) 06.07.2024
(54) A carrier for a drone
(51) Int. Cl.
B64U 10/13 (2023.01)
F16B 2/06 (2006.01)
G09F 3/20 (2006.01)
G05D 1/222 (2024.01)
H02G 1/02 (2006.01)
B64U 101/26 (2023.01)
B64U 101/28 (2023.01)
B64U 101/60 (2023.01)
- (31) 2023902189 (32) 07.07.23 (33) AU
(43) 23.01.2025
(72) Xavier, Mark; Morton, Kye; McGee, Joseph
(74) Stellar Law Pty Ltd
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- (71) Wah Chin Boon
(11) AU-A-2025200041
(21) 2025200041 (22) 03.01.2025
(54) METHODS OF TREATING NEURODEVELOPMENTAL DISEASES AND DISORDERS
(51) Int. Cl.
A61K 31/20 (2006.01)
A61K 35/644 (2015.01)
A61P 25/00 (2006.01)
- (43) 23.01.2025
(62) 2021221914
(72) BOON, Wah Chin; CHEUNG, Steve
(74) FB Rice Pty Ltd
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- (71) WestRock Packaging Systems, LLC
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(21) 2025200033 (22) 03.01.2025
(54) Carton and blank therefor
(51) Int. Cl.
B65D 71/20 (2006.01)
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(62) 2018400794
(72) SHIBUYA, Katsuo
(74) Spruson & Ferguson
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(71) Wilcox Industries Corp.
 (11) AU-A-2024204589
 (21) 2024204589 (22) 02.07.2024
 (54) Powered Helmet Accessory Rail With Slot Interface
 (51) Int. Cl.
A42B 3/30 (2006.01)
F41G 11/00 (2006.01)
H01B 7/40 (2006.01)
H05K 7/02 (2006.01)
 (31) 63/525,620 (32) 07.07.23 (33) US
 (43) 23.01.2025
 (72) TEETZEL, James W; TURNER, Elliott S
 (74) WRAYS PTY LTD

(71) WONDERLAND SWITZERLAND AG
 (11) AU-A-2025200015
 (21) 2025200015 (22) 02.01.2025
 (54) BED FRAME STRUCTURE
 (51) Int. Cl.
A47D 9/00 (2006.01)
 (43) 23.01.2025
 (62) 2021382111
 (72) ZHONG, Zhiren
 (74) Allens Patent & Trade Mark Attorneys

(71) WONG, B.
 (11) AU-A-2023204418
 (21) 2023204418 (22) 08.07.2023
 (54) An enclosure for providing use of self-service product and/or self-service and a related method
 (51) Int. Cl.
G07F 17/14 (2006.01)
E05B 47/00 (2006.01)
G07F 17/00 (2006.01)
E05B 65/00 (2006.01)
G06Q 20/18 (2012.01)
G06Q 30/0645 (2023.01)
 (43) 23.01.2025
 (72) WONG, Tsz
 (74) Acacia Law

(71) Wood, M.
 (11) AU-A-2024204690
 (21) 2024204690 (22) 07.07.2024
 (54) Energy Chewing Gum
 (51) Int. Cl.
A23G 4/06 (2006.01)
A23G 4/12 (2006.01)
 (31) 2023902199 (32) 09.07.23 (33) AU
 (43) 23.01.2025
 (72) Wood, Mathew
 (74) Mathew Wood

(71) YOUNG CHING PTY LTD
 (11) AU-A-2024204556
 (21) 2024204556 (22) 01.07.2024
 (54) CUTTING BOARD WITH AN AFFIXABLE HANDLE AND MANUFACTURE THEREOF
 (51) Int. Cl.
A47J 47/00 (2006.01)
A45F 5/10 (2006.01)
B32B 5/26 (2006.01)
 (31) 2023902168 (32) 06.07.23 (33) AU

(43) 23.01.2025
 (72) Lai, Hui-Chin
 (74) Alder IP Pty Ltd

(71) ZAZZLE INC.
 (11) AU-A-2024204678
 (21) 2024204678 (22) 05.07.2024
 (54) PRODUCT AS A KEY FOR CON-TEXT-BASED IMAGE GENERATION
 (51) Int. Cl.
G06T 15/04 (2011.01)
G06F 30/27 (2020.01)
G06Q 30/02 (2023.01)
G06T 11/40 (2006.01)
 (31) 18/219,527 (32) 07.07.23 (33) US
 (43) 23.01.2025
 (72) Harvill, Leslie Young; Difonzo, Matthew
 (74) ET Intellectual Property

(71) ZHEJIANG HUAYOU COBALT CO., LTD.
 (11) AU-A-2023433480
 (21) 2023433480 (22) 29.11.2023
 (54) PROCESS METHOD FOR RECOVER-ING ALUMINUM AND SCANDIUM
 (51) Int. Cl.
C22B 3/06 (2006.01)
C22B 3/44 (2006.01)
C22B 21/04 (2006.01)
C22B 59/00 (2006.01)
 (31) 202310830430.5 (32) 06.07.23 (33) CN
 (43) 23.01.2025
 (72) REN, Jialin; LI, Shaolong; ZHOU, Jinghua; ZHAO, Yixuan
 (74) Griffith Hack

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 (21) 2024287247

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 (21) 2024287202

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2024204454	NZ Investment and Trading Limited	2024287255	Canon Kabushiki Kaisha
2024204466	EXEL Industries	2024287257	Fate Therapeutics, Inc.
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2024204547	Frequentis AG	2024287260	Lockbox Technologies Pty Ltd
2024204556	YOUNG CHING PTY LTD	2024287261	President and Fellows of Harvard College
2024204568	Thorn Security Limited	2024287262	LG ELECTRONICS INC.
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2024204647	Roar Equipment Pty Ltd	2025200006	Tencent America LLC
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. (*) Title not in Roman characters

. (**) Title not given

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

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(71) 21ST CENTURY MEDICINE, INC. (11) AU-A-2023311221 (21) 2023311221 (22) 18.07.2023 (54) METHOD AND APPARATUS FOR ULTRA-RAPID PREPARATION OF CORNEAS FOR VITRIFICATION (51) Int. Cl. A01N 1/125 (2025.01) A01N 1/00 (2006.01) A01N 1/10 (2025.01) (87) WO2024/020404 (31) 63/390,074 (32) 18.07.22 (33) US (43) 25.01.2024 (72) GE, Xian; WU, Jun; WOWK, Brian; FAHY, Gregory, M. (74) Adams Pluck	(54) METHODS FOR TREATING HYPER-INFLAMMATORY CONDITIONS USING LIPID BINDING PROTEIN-BASED COMPLEXES (51) Int. Cl. A61K 38/17 (2006.01) A61K 31/00 (2006.01) A61P 7/00 (2006.01) A61P 13/12 (2006.01) A61P 29/00 (2006.01) A61P 31/12 (2006.01) (87) WO2023/237927 (31) 63/351,129 (32) 10.06.22 (33) US (43) 14.12.2023 (72) FAGUER, Stanislas (74) PHILLIPS ORMONDE FITZPATRICK	A61K 31/203 (2006.01) A61K 9/00 (2006.01) A61K 9/48 (2006.01) A61K 9/66 (2006.01) A61K 47/44 (2017.01) A61P 17/10 (2006.01) (87) WO2024/006748 (31) 202221038020 (32) 01.07.22 (33) IN (43) 04.01.2024 (72) ANVEKAR, Ashish; VISHNUBHOTLA, Nagaprasad; JANA, Arun (74) Davies Collison Cave Pty Ltd
(71) ABIOMED, INC. (11) AU-A-2023287680 (21) 2023287680 (22) 23.06.2023 (54) MULTI-CHANNEL OPTICAL PRESSURE SENSOR (51) Int. Cl. G01L 11/02 (2006.01) (87) WO2023/250120 (31) 63/355,231 (32) 24.06.22 (33) US (43) 28.12.2023 (72) BELLEVILLE, Claude; GENTILE, Andrew (74) Spruson & Ferguson	(71) AC IMMUNE SA (11) AU-A-2023307538 (21) 2023307538 (22) 14.07.2023 (54) PYRROLOTRIAZINE AND IMIDAZO-TRIAZINE DERIVATIVES AS MODULATORS OF THE NLRP3 INFLAMMASOME PATHWAY (51) Int. Cl. C07D 487/04 (2006.01) A61K 31/53 (2006.01) A61P 1/16 (2006.01) A61P 25/16 (2006.01) A61P 25/28 (2006.01) (87) WO2024/013395 (31) 22185021.7 (32) 14.07.22 (33) EP (43) 18.01.2024 (72) MOLETTE, Jérôme (74) Halfords IP	(71) ADAMA MAKHTESHIM LTD. (11) AU-A-2023307603 (21) 2023307603 (22) 10.07.2023 (54) AGROCHEMICAL COMPOSITION OF SDHI FUNGICIDES (51) Int. Cl. A01N 43/56 (2006.01) A01N 25/02 (2006.01) A01N 25/04 (2006.01) A01N 25/30 (2006.01) A01N 43/653 (2006.01) A01P 3/00 (2006.01) (87) WO2024/013735 (31) 63/388,655 (32) 13.07.22 (33) US (43) 18.01.2024 (72) LERNER YARDENI, Jenny; FIRER SLAVA, Viacheslav; SERTCHOOK, Hanan (74) Davies Collison Cave Pty Ltd
(71) ABIONYX PHARMA SA; TUPIN, C.; PEYROTTE, C.; BARBARAS, R.; FAGUER, S. (11) AU-A-2023284357 (21) 2023284357 (22) 09.06.2023 (54) METHODS FOR TREATING ACUTE CONDITIONS USING LIPID BINDING PROTEIN-BASED COMPLEXES (51) Int. Cl. A61K 38/17 (2006.01) A61K 31/00 (2006.01) A61P 1/16 (2006.01) A61P 9/00 (2006.01) A61P 13/12 (2006.01) A61P 29/00 (2006.01) A61P 31/14 (2006.01) (87) WO2023/237935 (31) 63/351,125 (32) 10.06.22 (33) US (43) 14.12.2023 (72) TUPIN, Cyrille; PEYROTTE, Constance; BARBARAS, Ronald; FAGUER, Stanislas (74) PHILLIPS ORMONDE FITZPATRICK	(71) AC IMMUNE SA (11) AU-A-2023313032 (21) 2023313032 (22) 27.07.2023 (54) NOVEL COMPOUNDS (51) Int. Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01) A61P 25/16 (2006.01) A61P 25/28 (2006.01) C07D 487/04 (2006.01) (87) WO2024/023266 (31) 22187634.5 (32) 28.07.22 (33) EP 22216498.0 23.12.22 EP (43) 01.02.2024 (72) MOLETTE, Jérôme (74) Halfords IP	(71) ADAPTIMMUNE LIMITED (11) AU-A-2023285359 (21) 2023285359 (22) 12.06.2023 (54) PRODUCTION OF IMMUNE CELLS (51) Int. Cl. C12N 5/078 (2010.01) A61K 35/17 (2015.01) C12N 5/074 (2010.01) C12N 15/85 (2006.01) (87) WO2023/237785 (31) 2208545.0 (32) 10.06.22 (33) GB (43) 14.12.2023 (72) HAMILTON, Garth; FATKHUTDINOV, Nail (74) FB Rice Pty Ltd
(71) ABIONYX PHARMA SA; FAGUER, S. (11) AU-A-2023285382 (21) 2023285382 (22) 09.06.2023	(71) ACROTECH BIOPHARMA INC. (11) AU-A-2023301386 (21) 2023301386 (22) 27.06.2023 (54) PHARMACEUTICAL COMPOSITIONS COMPRISING ISOTRETINOIN AND PROCESSES FOR PREPARATION AND USES THEREOF (51) Int. Cl.	(71) ADEIA GUIDES INC. (11) AU-A-2023311826 (21) 2023311826 (22) 17.07.2023 (54) METHODS AND SYSTEMS FOR STREAMING MEDIA CONTENT (51) Int. Cl. H04N 21/2343 (2011.01) H04N 21/24 (2011.01) H04N 21/44 (2011.01) H04N 21/4402 (2011.01) H04N 21/442 (2011.01) H04N 21/462 (2011.01)

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(43) 25.01.2024
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(11) AU-A-2023285635
(21) 2023285635 (22) 09.06.2023
(54) A VALVE SYSTEM AND FLUID DRIVEN DOWNHOLE SYSTEM AND METHOD

- (51) Int. Cl.
E21B 34/10 (2006.01)
E21B 4/02 (2006.01)
E21B 4/14 (2006.01)
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(72) SWICK, Randal
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(21) 2023283774 (22) 09.06.2023
(54) BTOLOGICAL ACTIVITIES OF 5-(2-(4-(4-FLUORO-2-METHYL-1H-INDOL-5-YLOXY)-6-METHOXYQUINOLIN-7-YLOXY)ETHYL)-5-AZASPIRO[2.4]-HEPTAN-7-OL CRYSTALLINE, PHOSPHORIC ACID SALT AND ITS ENANTIOMERS
(51) Int. Cl.
C07D 401/14 (2006.01)
A61P 35/00 (2006.01)
A61K 31/4709 (2006.01)
A61K 45/06 (2006.01)
(87) WO2023/239945
(31) 63/351,205 (32) 10.06.22 (33) US
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(74) Acacia Law

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- (11) AU-A-2023285075
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(54) MELANOPIN VARIANTS FOR VISION RESTORATION
(51) Int. Cl.
C07K 14/72 (2006.01)
A61K 38/16 (2006.01)
A61P 9/10 (2006.01)
A61P 27/02 (2006.01)
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(54) LOCALIZATION PROCESSING SERVICE AND OBSERVED SCENE RECONSTRUCTION SERVICE
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G01C 21/36 (2006.01)
G06V 20/40 (2022.01)
G06V 20/58 (2022.01)
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(74) Adams Pluck

- (71) AGILENT TECHNOLOGIES, INC.

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G01N 33/574 (2006.01)
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(72) ALVAREZ, Sara; NGUYEN, Quyen; LAPOINTE, Nichole; DIMAIO, Michael; CAJAIBA, Mariana; BALDOCCHI, Russell
(74) PHILLIPS ORMONDE FITZPATRICK

- (71) AGILENT TECHNOLOGIES, INC.

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C07K 16/18 (2006.01)
G01N 33/574 (2006.01)
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(72) SORENSEN, Morten Draeby; HAGEDORN-OLSEN, Tine; RAMSGAARD, Lasse; SCHULZ, Morten Alder
(74) PHILLIPS ORMONDE FITZPATRICK

- (71) AGNUITY, INC.

- (11) AU-A-2023283824
(21) 2023283824 (22) 07.06.2023
(54) PHOTON SOURCE FOR PROMOTING THE GROWTH AND MATURATION RATE OF MEMBERS OF THE PLANTAE AND PROTISTA KINGDOMS
(51) Int. Cl.
B41B 21/12 (2006.01)
A01G 7/04 (2006.01)
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(74) RnB IP Pty Ltd

- (71) AGRI SMILE, INC.

- (11) AU-A-2023302271
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(54) INFORMATION PROCESSING METHOD, RECORDING MEDIUM, AND INFORMATION PROCESSING DEVICE
(51) Int. Cl.
G01N 33/15 (2006.01)
G06Q 50/02 (2024.01)
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- (11) AU-A-2022471430
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(54) VIRUS ENCODING TRANSGENES TO COMPLEMENT CELLULAR THERAPY
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A61K 39/39 (2006.01)
C07K 14/715 (2006.01)
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(31) 2211075.3 (32) 28.07.22 (33) GB
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(72) CHAMPION, Brian; SASSO, Maria Stella
(74) Adams Pluck

- (71) ALENTIS THERAPEUTICS AG; UNIVERSITÉ DE STRASBOURG; INSTITUT NATIONAL DE LA SANTÉ ET DE LA RECHERCHE MÉDICALE

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(21) 2023279917 (22) 01.06.2023
(54) USE OF ANTI-CLAUDIN-1 ANTIBODIES TO TREAT CHOLANGIOPATHIES
(51) Int. Cl.
A61P 37/06 (2006.01)
C07K 16/28 (2006.01)
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(54) USE OF ANTI-CLAUDIN-1 ANTIBODIES TO TREAT CHOLANGIOCARCINOMA
(51) Int. Cl.
C07K 16/28 (2006.01)
A61P 35/00 (2006.01)
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- (71) ALEXANDER SHULGIN RESEARCH INSTITUTE, INC.
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(54) N-SUBSTITUTED PHENYLALKYLAMINES AND THEIR USE AS THERAPEUTIC AGENTS
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C07C 15/02 (2006.01)
A61K 31/13 (2006.01)
A61P 25/24 (2006.01)
C07C 217/60 (2006.01)
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- (71) ALMAC DISCOVERY LIMITED
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A61K 39/395 (2006.01)
A61K 47/00 (2006.01)
A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
C07K 16/30 (2006.01)
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(74) FB Rice Pty Ltd
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(54) NEEDLE SHIELD FOR SYRINGE
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A61M 5/32 (2006.01)
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B65G 1/04 (2006.01)
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(74) McCabe and Company
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- (71) AMYLYX PHARMACEUTICALS, INC.
(11) AU-A-2023311008
(21) 2023311008 (22) 21.07.2023
(54) OLIGONUCLEOTIDE COMPOSITIONS AND METHODS THEREOF
(51) Int. Cl.
A61K 31/712 (2006.01)
A61K 31/711 (2006.01)
A61K 31/7125 (2006.01)
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A61P 25/28 (2006.01)
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(11) AU-A-2023287648
(21) 2023287648 (22) 22.06.2023
(54) A COMPOUND MIXTURE
(51) Int. Cl.
C05G 5/27 (2020.01)
A01N 25/02 (2006.01)
A01N 25/04 (2006.01)
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- A01N 25/30 (2006.01)
A01N 59/00 (2006.01)
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C05D 5/00 (2006.01)
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C05G 3/60 (2020.01)
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(72) BROWN, Jonathan Richard Walton; LEWIS, Timothy David
(74) FB Rice Pty Ltd
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- (71) APM THERAPEUTICS 1, INC.
(11) AU-A-2023295202
(21) 2023295202 (22) 12.06.2023
(54) TRIAZOLOPYRIDINE POLYMORPH A
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A61K 31/395 (2006.01)
A61K 31/41 (2006.01)
A61K 31/4196 (2006.01)
A61K 31/4353 (2006.01)
A61K 31/33 (2006.01)
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(87) WO2023/244539
(31) 17/838,838 (32) 13.06.22 (33) US
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(72) MAO, Jianmin; COLE, Bridget, McCarthy
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) APPLIED CARBON, INC.
(11) AU-A-2023282827
(21) 2023282827 (22) 06.06.2023
(54) CATALYTIC CONVERSION OF CARBONACEOUS FEEDSTOCK MATERIAL INTO A BIOCHAR PRODUCT
(51) Int. Cl.
C01B 32/05 (2017.01)
C10B 53/02 (2006.01)
C10B 53/04 (2006.01)
C10B 57/02 (2006.01)
C05D 9/00 (2006.01)
C05G 3/00 (2020.01)
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(74) FPA Patent Attorneys Pty Ltd
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(11) AU-A-2024263012
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(54) BALE BUNDLING SYSTEM, BALE BUNDLING MACHINE AND PROCEDURE FOR FORMING BUNDLES OF BALES OF HAY OR SIMILAR MATERIAL
(51) Int. Cl.
A01D 85/00 (2006.01)
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(74) Spruson & Ferguson

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TRATION AND BUFFER EXCHANGE
(51) Int. Cl.
C07K 1/34 (2006.01)
B01D 37/04 (2006.01)
(87) WO2023/238098
(31) 63/366,147 (32) 10.06.22 (33) US
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(72) COFFMAN, Jon; PATIL, Ujwal;
RAMOS, Irina
(74) Maxwells Patent & Trade Mark Attor-
neys Pty Ltd

(71) ASTRAZENECA AB
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(21) 2023284027 (22) 06.06.2023
(54) COMBINATIONS OF RXFP1 MODU-
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(51) Int. Cl.
A61K 31/192 (2006.01)
A61K 31/70 (2006.01)
A61P 9/00 (2006.01)
A61P 9/04 (2006.01)
A61P 9/12 (2006.01)
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(43) 14.12.2023
(72) GABRIELSEN, Anders; PETTERSEN,
Daniel Tor; CONNOLLY, Kathleen Mar-
ie; UFNAL, Marcin
(74) PHILLIPS ORMONDE FITZPATRICK

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(11) AU-A-2023284904
(21) 2023284904 (22) 06.06.2023
(54) RXFP1 MODULATORS FOR TREAT-
ING RESISTANT HYPERTENSION OR
HEART FAILURE WITH PULMONARY
HYPERTENSION
(51) Int. Cl.
A61K 31/192 (2006.01)
A61P 9/04 (2006.01)
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(87) WO2023/237511
(31) 63/365,971 (32) 07.06.22 (33) US
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Richard Thomas; CONNOLLY, Kathleen
Marie; OMAR, Sami Ali Abdel Hafees;
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(74) PHILLIPS ORMONDE FITZPATRICK

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(11) AU-A-2023285416
(21) 2023285416 (22) 09.06.2023
(54) SYSTEMS AND METHODS FOR
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STREAM PROCESSING
(51) Int. Cl.

C07K 1/34 (2006.01)
C07K 1/18 (2006.01)
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(31) 63/366,159 (32) 10.06.22 (33) US
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A61K 31/496 (2006.01)
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A61K 31/5377 (2006.01)
A61K 45/06 (2006.01)
A61P 35/00 (2006.01)
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C05D 9/00 (2006.01)
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B60W 10/06 (2006.01)
B60L 50/10 (2019.01)
B60W 10/08 (2006.01)
H02K 47/04 (2006.01)
B60W 40/105 (2012.01)
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A47C 7/00 (2006.01)
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A01N 25/14 (2006.01)
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A61K 31/4375 (2006.01)
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C08F 220/18 (2006.01)
C08L 33/04 (2006.01)
C09D 7/61 (2018.01)
C09D 15/00 (2006.01)
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C08B 37/16 (2006.01)
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C08L 5/16 (2006.01)
A61K 31/715 (2006.01)
A61K 31/724 (2006.01)
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C08B 37/16 (2006.01)
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A61K 47/18 (2017.01)
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A23L 2/56 (2006.01)
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G01N 33/53 (2006.01)
C07K 16/28 (2006.01)
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A61L 24/00 (2006.01)
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C08G 77/452 (2006.01)
C08L 79/02 (2006.01)
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(21) 2023329401 (22) 25.08.2023
(54) MULTISPECIFIC ANTIBODIES AND USES THEREOF
(51) Int. Cl.
A61K 39/39 (2006.01)
A61P 37/02 (2006.01)
C07K 16/22 (2006.01)
C07K 16/28 (2006.01)
C07K 16/32 (2006.01)
(87) WO2024/044732
(31) 63/401,086 (32) 25.08.22 (33) US
(43) 29.02.2024
(72) ZHONG, Hongyan; LI, Hsieh; GUO, Daniel; YANG, Ming
(74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) BRIM BIOTECHNOLOGY, INC.
(11) AU-A-2023287805
(21) 2023287805 (22) 26.06.2023
(54) COMPOSITIONS COMPRISING PEDF-DERIVED SHORT PEPTIDES FOR THE TREATMENT OF NEURO-TROPHIC KERATITIS DISEASES
(51) Int. Cl.
A61K 38/08 (2019.01)
A61K 38/10 (2006.01)
A61K 38/16 (2006.01)
A61K 38/17 (2006.01)
A61P 25/28 (2006.01)
A61P 27/02 (2006.01)
C07K 7/08 (2006.01)
A61K 9/00 (2006.01)
A61K 9/06 (2006.01)
A61K 9/08 (2006.01)
A61K 47/18 (2017.01)
(87) WO2023/250523
(31) 63/355,551 (32) 24.06.22 (33) US
(43) 28.12.2023
(72) LEE, Frank Wen-Chi; CHANG, Huei-Ling; NING, Sin-Tzu; CHIEN, Chih-Te; HUANG, Ya-Lang
(74) Collison & Co
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- (71) BRIM BIOTECHNOLOGY, INC.
(11) AU-A-2023292282
(21) 2023292282 (22) 13.06.2023
(54) COMPOSITIONS COMPRISING PEDF-DERIVED SHORT PEPTIDES FOR THE TREATMENT OF DRY EYE DISEASES
(51) Int. Cl.
A61K 38/16 (2006.01)
A61P 27/02 (2006.01)
A61K 38/04 (2006.01)
(87) WO2023/244618
(31) 63/351,801 (32) 13.06.22 (33) US
(43) 21.12.2023
(72) JANG, Haishan; NING, Sin-Tzu; HUANG, Ya-Lang; LEE, Frank Wen-Chi; CHANG, Huei-Ling
(74) Collison & Co
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- (71) BRISTOL-MYERS SQUIBB COMPANY
(11) AU-A-2023312054
(21) 2023312054 (22) 21.07.2023
(54) ANTIBODIES BINDING TO HUMAN PAD4 AND USES THEREOF
(51) Int. Cl.
C07K 16/40 (2006.01)
A61K 39/00 (2006.01)
A61K 39/395 (2006.01)
(87) WO2024/020579
(31) 63/369,184 (32) 22.07.22 (33) US
63/397,698 12.08.22 US
(43) 25.01.2024
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(74) AJ PARK

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(71) BWXT ADVANCED TECHNOLOGIES LLC
 (11) AU-A-2023308166
 (21) 2023308166 (22) 12.07.2023
 (54) HEAT PIPE FUEL ELEMENT AND FISSION REACTOR INCORPORATING SAME, PARTICULARLY HAVING PHYLLLOTAXIS SPACING PATTERN OF HEAT PIPE FUEL ELEMENTS, AND METHOD OF MANUFACTURE
 (51) Int. Cl.
 G21C 15/257 (2006.01)
 G21C 1/32 (2006.01)
 G21C 3/04 (2006.01)
 F28D 15/02 (2006.01)
 (87) WO2024/015405
 (31) 63/388,324 (32) 12.07.22 (33) US
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 (43) 18.01.2024
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 (74) Spruson & Ferguson

(71) BYD COMPANY LIMITED
 (11) AU-A-2023296392
 (21) 2023296392 (22) 23.05.2023
 (54) SPEECH CONTROL METHOD, MULTIMEDIA SYSTEM, VEHICLE, AND STORAGE MEDIUM
 (51) Int. Cl.
 G10L 15/22 (2006.01)
 G10L 15/26 (2006.01)
 (87) WO2024/001618
 (31) 202210759453.7 (32) 30.06.22 (33) CN
 (43) 04.01.2024
 (72) YAN, Hang; YANG, Dongsheng; ZHANG, Biying; LIU, Ke
 (74) GLMR

(71) BYD COMPANY LIMITED
 (11) AU-A-2023305578
 (21) 2023305578 (22) 30.06.2023
 (54) ENERGY STORAGE BATTERY CABINET AND ENERGY STORAGE SYSTEM HAVING SAME
 (51) Int. Cl.
 H01M 50/244 (2021.01)
 H01M 10/04 (2006.01)
 H01M 10/42 (2006.01)
 H01M 50/103 (2021.01)
 H01M 50/209 (2021.01)
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 (72) SUI, Jiahai; YIN, Xueqin; CAO, Hu; LIU, Weijie; YIN, Xiaoqiang
 (74) MINTER ELLISON

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 (11) AU-A-2023315820
 (21) 2023315820 (22) 28.07.2023
 (54) HEAT EXCHANGER, BATTERY PACK, AND VEHICLE
 (51) Int. Cl.

H01M 10/6557 (2014.01)
 H01M 10/613 (2014.01)
 H01M 10/647 (2014.01)
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(71) CAMBRIDGE ENTERPRISE LIMITED
 (11) AU-A-2023291504
 (21) 2023291504 (22) 16.06.2023
 (54) THERAPEUTICS AND METHODS
 (51) Int. Cl.
 A61K 35/36 (2015.01)
 A61K 35/545 (2015.01)
 A61P 1/00 (2006.01)
 A61P 5/00 (2006.01)
 A61P 11/00 (2006.01)
 A61P 13/12 (2006.01)
 (87) WO2023/242595
 (31) 2208948.6 (32) 17.06.22 (33) GB
 (43) 21.12.2023
 (72) GILBERTSON, Richard; RAHRMANN, Eric
 (74) Pearce IP Pty Ltd

(71) CAPITAL ONE SERVICES, LLC.
 (11) AU-A-2023308202
 (21) 2023308202 (22) 13.07.2023
 (54) TECHNIQUES FOR PERSONAL IDENTIFICATION NUMBER MANAGEMENT FOR CONTACTLESS CARDS
 (51) Int. Cl.
 H04L 9/40 (2022.01)
 G06F 21/35 (2013.01)
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 (43) 18.01.2024
 (72) CHIGURUPATI, Srinivasa; OSBORN, Kevin
 (74) GLMR

(71) CARBO CULTURE, INC.; CARSTENS, D.K.; CARSTENS, C.; DUFAUX, D.P.
 (11) AU-A-2023299243
 (21) 2023299243 (22) 26.06.2023
 (54) SYSTEM, APPARATUS AND METHOD FOR SEQUESTRATION OF CARBON
 (51) Int. Cl.
 B01D 53/34 (2006.01)
 B01D 53/44 (2006.01)
 B01D 53/46 (2006.01)
 B01D 53/62 (2006.01)
 (87) WO2024/006700
 (31) 63/355,911 (32) 27.06.22 (33) US
 (43) 04.01.2024
 (72) CARSTENS, Daniel K.; CARSTENS, Christopher; DUFAUX, Douglas P.
 (74) GLMR

(71) CHINA MOBILE COMMUNICATION CO., LTD RESEARCH INSTITUTE; CHINA MOBILE COMMUNICATIONS GROUP CO., LTD.
 (11) AU-A-2023301919
 (21) 2023301919 (22) 30.06.2023
 (54) CONDITIONAL HANDOVER METHOD, INFORMATION TRANSMISSION METHOD, PROCESSING METHOD, AND APPARATUS AND DEVICE
 (51) Int. Cl.
 H04W 36/00 (2009.01)
 (87) WO2024/007999
 (31) 202210792461.1 (32) 05.07.22 (33) CN
 (43) 11.01.2024
 (72) XIE, Fang
 (74) Adams Pluck

(71) CHINA MOBILE COMMUNICATION CO., LTD RESEARCH INSTITUTE; CHINA MOBILE COMMUNICATIONS GROUP CO., LTD.
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 (21) 2023306441 (22) 14.07.2023
 (54) RANDOM ACCESS METHOD AND APPARATUS, AND TERMINAL AND NETWORK-SIDE DEVICE
 (51) Int. Cl.
 H04W 74/08 (2024.01)
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 (31) 202210836008.6 (32) 15.07.22 (33) CN
 (43) 18.01.2024
 (72) ZUO, Jun; WEN, Jinhui; KE, Ting
 (74) Adams Pluck

(71) CHINA PETROLEUM & CHEMICAL CORPORATION; SINOPEC (SHANGHAI) RESEARCH INSTITUTE OF PETROCHEMICAL TECHNOLOGY CO., LTD.
 (11) AU-A-2023299687
 (21) 2023299687 (22) 27.06.2023
 (54) VISCOELASTIC FOAM SYSTEM OF ACID GAS SWITCH, AND METHOD AND USE FOR IMPROVING RECOVERY RATIO BY USING VISCOELASTIC FOAM SYSTEM
 (51) Int. Cl.
 C09K 8/584 (2006.01)
 C09K 8/58 (2006.01)
 C09K 8/594 (2006.01)
 E21B 43/16 (2006.01)
 (87) WO2024/002048
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 (43) 04.01.2024
 (72) HE, Xiujuan; LI, Yingcheng; QIU, Jun; CUI, Leyu
 (74) Churchill Attorneys

(71) CHINA RAILWAY 14TH BUREAU GROUP CORPORATION LIMITED; CHINA RAILWAY 14TH BUREAU GROUP MEGA SHIELD CORPORATION ENGINEERING CO., LTD.
 (11) AU-A-2023387695
 (21) 2023387695 (22) 11.04.2023
 (54) SHIELD CONSTRUCTION EARLY WARNING SYSTEM AND EARLY

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WARNING METHOD BASED ON
EDGE COMPUTING ARCHITECTURE
(51) Int. Cl.
H04L 67/12 (2022.01)
G08B 21/18 (2006.01)
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(31) 202211452506.7 (32) 21.11.22 (33) CN
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(72) LIU, Sijin; MA, Yuyang; WANG, Jun;
WANG, Huawei; SHI, Linken; LIU,
Peng; FU, Hao
(74) Zi Yu Ng

(71) CHO PLUS INC.
(11) AU-A-2023284396
(21) 2023284396 (22) 09.06.2023
(54) CELL HYBRIDS AS HOST CELLS FOR
HIGH EFFICIENCY PRODUCTION OF
GENE THERAPY VECTORS AND VIR-
AL VACCINES
(51) Int. Cl.
C12N 5/16 (2006.01)
C12N 7/00 (2006.01)
C12N 15/02 (2006.01)
C12N 15/86 (2006.01)
(87) WO2023/239928
(31) 63/350,863 (32) 09.06.22 (33) US
(43) 14.12.2023
(72) FORMAN, Lawrence; NGO, Kathy
(74) Davies Collision Cave Pty Ltd

(71) CLEARVUE TECHNOLOGIES LTD
(11) AU-A-2023289044
(21) 2023289044 (22) 21.06.2023
(54) A WINDOW FOR A BUILDING OR
STRUCTURE
(51) Int. Cl.
F21V 8/00 (2006.01)
E06B 3/66 (2006.01)
E06B 3/67 (2006.01)
H02S 20/26 (2014.01)
(87) WO2023/245242
(31) 2022901699 (32) 21.06.22 (33) AU
(43) 28.12.2023
(72) VASILIEV, Mikhail
(74) Integrated IP

(71) CLS WIND LLC
(11) AU-A-2023306223
(21) 2023306223 (22) 13.07.2023
(54) WIND TURBINE TOWER NON-INTER-
FERENCE STACKABLE SYSTEM
(51) Int. Cl.
F03D 13/10 (2016.01)
E04H 12/34 (2006.01)
(87) WO2024/015539
(31) 63/389,390 (32) 15.07.22 (33) US
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A.
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ATOMIQUE ET AUX ENERGIES AL-
TERNATIVES
(11) AU-A-2023302635
(21) 2023302635 (22) 07.07.2023

(54) QUANTUM DEVICE WITH SEMICON-
DUCTOR QUBITS COMPRISING
GATES ARRANGED IN A SEMICON-
DUCTOR
(51) Int. Cl.
H01L 23/00 (2006.01)
B82Y 10/00 (2011.01)
(87) WO2024/009047
(31) FR2207043 (32) 08.07.22 (33) FR
(43) 11.01.2024
(72) DE FRANCESCHI, Silvano; MARTINEZ
I DIAZ, Biel; NIQUET, Yann-Michel
(74) Griffith Hack

(71) COMPOSTIFY LIMITED
(11) AU-A-2023284365
(21) 2023284365 (22) 01.06.2023
(54) BIODEGRADABLE COMPOSITION
AND METHODS FOR MANUFACTURE
(51) Int. Cl.
C08K 11/00 (2006.01)
A01G 9/02 (2018.01)
A01G 9/029 (2018.01)
C08J 5/00 (2006.01)
C08L 67/02 (2006.01)
C08L 67/04 (2006.01)
(87) WO2023/237975
(31) 2022901587 (32) 10.06.22 (33) AU
(43) 14.12.2023
(72) WILSON, Peter Gregory; SMITH,
Dawn Alison; RISANI, Regis Sylvain
Remi; THEOBALD, Beatrix; BARBIER,
Maxime; GIELEN, Gertruda Jacqueline
Hayette Petronella
(74) James & Wells Intellectual Property

(71) CONKA ELITE LTD; BODINGTON, H.
(11) AU-A-2023297127
(21) 2023297127 (22) 29.06.2023
(54) HERBAL COMPOSITION FOR USE
IN THE IMPROVEMENT OF PHYSIC-
AL AND MENTAL HEALTH RECOV-
ERY AND MAINTENANCE, INCLUD-
ING THE IMPROVEMENT OF COG-
NITIVE FUNCTION OR PREVENTION
OF COGNITIVE DECLINE
(51) Int. Cl.
A61K 9/00 (2006.01)
A61K 36/16 (2006.01)
A61K 36/41 (2006.01)
A61K 36/45 (2006.01)
A61K 36/53 (2006.01)
A61K 36/81 (2006.01)
A61K 36/9066 (2006.01)
A61P 9/00 (2006.01)
A61P 25/08 (2006.01)
A61P 25/22 (2006.01)
A61P 25/28 (2006.01)
(87) WO2024/003560
(31) 2209547.5 (32) 29.06.22 (33) GB
(43) 04.01.2024
(72) BODINGTON, Humphrey; CHAZOT,
Paul; HIND, Karen
(74) Madderns Pty Ltd

(71) COOPERVISION INTERNATIONAL
LIMITED
(11) AU-A-2023309344
(21) 2023309344 (22) 19.07.2023

(54) METHOD AND APPARATUS RELAT-
ING TO MANUFACTURE OF MOLD
HALVES FOR FORMING CONTACT
LENSES
(51) Int. Cl.
B29C 45/26 (2006.01)
B29C 33/30 (2006.01)
B29D 11/00 (2006.01)
(87) WO2024/018208
(31) 63/391,332 (32) 22.07.22 (33) US
(43) 25.01.2024
(72) GIBSON, John Robert
(74) Griffith Hack

(71) CRISPR THERAPEUTICS AG
(11) AU-A-2023290692
(21) 2023290692 (22) 17.06.2023
(54) LIPID NANOPARTICLES (LNPs)-
BASED OCULAR DELIVERY
(51) Int. Cl.
C12N 15/113 (2010.01)
A61K 31/7088 (2006.01)
(87) WO2023/242827
(31) 63/353,374 (32) 17.06.22 (33) US
63/417,233 18.10.22 US
(43) 21.12.2023
(72) POLICE, Seshidhar Reddy; OUEL-
LET, Dominique; LUKASON, Michael;
DEQUEANT, Mary-Lee
(74) RNB IP PTY LTD

(71) CSL INNOVATION PTY LTD
(11) AU-A-2023293480
(21) 2023293480 (22) 16.06.2023
(54) PURIFICATION OF SOLUBLE COM-
PLEMENT RECEPTOR AND VARI-
ANTS THEREOF
(51) Int. Cl.
C07K 1/20 (2006.01)
B01D 15/32 (2006.01)
B01D 15/36 (2006.01)
C07K 1/18 (2006.01)
C07K 14/705 (2006.01)
(87) WO2023/240322
(31) 22179637.8 (32) 17.06.22 (33) EP
(43) 21.12.2023
(72) HINZE, Erik; LEMMER, Joerg;
MUELLER, Olga; KOKKINOS, Irina
(74) FB Rice Pty Ltd

(71) CSP TECHNOLOGIES, INC.
(11) AU-A-2023317460
(21) 2023317460 (22) 27.07.2023
(54) SECONDARY PACKAGING CON-
FIGURED TO HOLD AT LEAST ONE
DEVICE FOR ADMINISTERING A
DRUG, METHOD OF ATTACHING AT
LEAST ONE DEVICE FOR ADMIN-
ISTERING A DRUG TO A SECOND-
ARY PACKAGING AND METHOD OF
TREATING A PATIENT
(51) Int. Cl.
B65D 25/10 (2006.01)
A61M 11/02 (2006.01)
A61M 15/08 (2006.01)
(87) WO2024/030317
(31) 63/370,045 (32) 01.08.22 (33) US

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(74) Dark IP
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- (71) CYBIN IRL LIMITED
(11) AU-A-2023331937
(21) 2023331937 (22) 23.08.2023
(54) TRYPTAMINE COMPOUNDS, COMPOSITIONS, AND METHODS OF USE
(51) Int. Cl.
C07D 209/16 (2006.01)
A61K 31/4045 (2006.01)
A61P 25/24 (2006.01)
A61P 25/28 (2006.01)
C07D 401/06 (2006.01)
(87) WO2024/046837
(31) 63/402,650 (32) 31.08.22 (33) US
(43) 07.03.2024
(72) NIVOROZHKIN, Alex; HARTSEL, Joshua A.; CANAL, Clinton E.; MUELLER, Tina A.; AVERY, Kenneth L.; VARTY, Geoffrey B.; SALITURO, Francesco G.; PALFREYMAN, Michael
(74) FPA Patent Attorneys Pty Ltd
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- (71) DANMARKS TEKNISKE UNIVERSITET
(11) AU-A-2023291809
(21) 2023291809 (22) 19.06.2023
(54) ALLERGY VACCINES BASED ON CONSENSUS ALLERGENS
(51) Int. Cl.
A61K 39/35 (2006.01)
A61K 39/36 (2006.01)
A61P 37/08 (2006.01)
C07K 14/00 (2006.01)
(87) WO2023/242436
(31) 22179541.2 (32) 17.06.22 (33) EP
23166732.0 05.04.23 EP
(43) 21.12.2023
(72) RIVERA DE TORRE, Esperanza; LAUSTSEN-KIEL, Andreas Hougaard; JENKINS, Timothy Patrick
(74) FB Rice Pty Ltd
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- (71) DE LA RUE INTERNATIONAL LIMITED
(11) AU-A-2023318141
(21) 2023318141 (22) 26.07.2023
(54) SECURITY DEVICES AND METHODS OF MANUFACTURE THEREOF
(51) Int. Cl.
B42D 25/342 (2014.01)
(87) WO2024/028574
(31) 2211330.2 (32) 03.08.22 (33) GB
(43) 08.02.2024
(72) GODFREY, John
(74) Davies Collison Cave Pty Ltd
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- (71) DENDROGENIX
(11) AU-A-2023291645
(21) 2023291645 (22) 14.06.2023
(54) COMPOUNDS DERIVED FROM STEROLS FOR THE TREATMENT OF A DISEASE ASSOCIATED WITH A MITOCHONDRIAL DEFICIT
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- (51) Int. Cl.
A61K 31/575 (2006.01)
A61P 25/06 (2006.01)
A61P 25/08 (2006.01)
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A61P 25/32 (2006.01)
(87) WO2023/242281
(31) BE2022/5469 (32) 14.06.22 (33) BE
(43) 21.12.2023
(72) SILVENTE, Stéphane; CARON, Nicolas; RIVES, Arnaud; MARLIER, Quentin; MICHAUX, Hélène; MOSCA, Dario; GILSOUL, Maxime
(74) Cooper IP Pty Ltd
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- (71) DENTAL MONITORING
(11) AU-A-2023302024
(21) 2023302024 (22) 30.06.2023
(54) EXTRA-ORAL IMAGE TAKING DEVICE
(51) Int. Cl.
A61C 5/90 (2017.01)
A61C 9/00 (2006.01)
(87) WO2024/008594
(31) FR2206750 (32) 04.07.22 (33) FR
(43) 11.01.2024
(72) PELLISSARD, Thomas; LANÇON, Cédric; ROISIN, Louis-Charles
(74) AJ PARK
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- (71) DENTAL MONITORING
(11) AU-A-2023303815
(21) 2023303815 (22) 30.06.2023
(54) EXTRA-ORAL IMAGE TAKING KIT
(51) Int. Cl.
A61C 9/00 (2006.01)
A61B 1/00 (2006.01)
A61C 5/90 (2017.01)
(87) WO2024/008595
(31) FR2206745 (32) 04.07.22 (33) FR
(43) 11.01.2024
(72) PELLISSARD, Thomas; LANÇON, Cédric; ROISIN, Louis-Charles
(74) AJ PARK
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- (71) DEREROY & CO., A.S.
(11) AU-A-2023302658
(21) 2023302658 (22) 30.06.2023
(54) METHOD OF HOMOLYTIC AND HETEROLYTIC CLEAVAGE IN MOLECULES OF GASES AND LIQUIDS
(51) Int. Cl.
B01D 53/32 (2006.01)
B01D 53/38 (2006.01)
B01J 12/00 (2006.01)
(87) WO2024/009192
(31) CZ2022-301 (32) 06.07.22 (33) CZ
(43) 11.01.2024
(72) CHERNOV, Gennadiy
(74) Collison & Co
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- (71) DESIGN THERAPEUTICS, INC.
(11) AU-A-2023294722
(21) 2023294722 (22) 14.06.2023
(54) METHODS AND COMPOUNDS FOR MODULATING INHERITED GENETIC DISEASES
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- (51) Int. Cl.
A61K 31/395 (2006.01)
A61K 31/41 (2006.01)
A61K 31/4164 (2006.01)
A61K 31/4178 (2006.01)
A61K 31/33 (2006.01)
(87) WO2023/244678
(31) 63/352,397 (32) 15.06.22 (33) US
63/482,751 01.02.23 US
(43) 21.12.2023
(72) ZHANG, Chengzhi; BHAT, Abhijit; SINHA, Santosh C.; YANG, Fei
(74) FB Rice Pty Ltd
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- (71) DIG PIG PRODUCTS INC.
(11) AU-A-2023297124
(21) 2023297124 (22) 30.06.2023
(54) SPINNER TIP
(51) Int. Cl.
B05B 3/06 (2006.01)
E02F 5/30 (2006.01)
(87) WO2024/000079
(31) 63/357,598 (32) 30.06.22 (33) US
(43) 04.01.2024
(72) RAJEWSKI, Robert C.; RAJEWSKI, Cal Robert
(74) FPA Patent Attorneys Pty Ltd
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- (71) DOUYIN VISION CO., LTD.
(11) AU-A-2023302439
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(54) METHOD AND APPARATUS FOR CAPTURING IMAGE, AND DEVICE AND STORAGE MEDIUM
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C12N 9/06 (2006.01)
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C07C 213/06 (2006.01)
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G06T 7/33 (2017.01)
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C08L 89/06 (2006.01)
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C07K 16/28 (2006.01)
A61P 35/00 (2006.01)

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COOPER, James, Niall
(74) FPA Patent Attorneys Pty Ltd

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A61F 9/00 (2006.01)
A61M 3/00 (2006.01)
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(51) Int. Cl.
C12Q 1/6883 (2018.01)
G01N 33/576 (2006.01)
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A61P 7/04 (2006.01)
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A61P 11/06 (2006.01)
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A61P 35/00 (2006.01)
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C07C 43/20 (2006.01)
C07C 221/00 (2006.01)
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B25J 9/16 (2006.01)
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A61B 10/00 (2006.01)
C12M 1/26 (2006.01)
C12Q 1/24 (2006.01)
C12Q 1/6888 (2018.01)
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G01N 33/50 (2006.01)
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C07D 471/04 (2006.01)
A61K 31/352 (2006.01)
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A61P 35/00 (2006.01)
C07D 405/04 (2006.01)
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G06T 7/70 (2017.01)
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A61K 47/54 (2017.01)
A61K 9/127 (2006.01)
A61K 31/12 (2006.01)
A61P 3/10 (2006.01)
A61P 25/28 (2006.01)
A61P 31/12 (2006.01)
A61P 35/00 (2006.01)
A61P 37/00 (2006.01)
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A61K 31/4192 (2006.01)
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A61K 31/167 (2006.01)
A61K 31/498 (2006.01)
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F04B 53/00 (2006.01)
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H01M 8/0206 (2016.01)
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(54) ESTROGENIC COMPOUNDS AND METHODS OF USE
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A61K 31/44 (2006.01)
A61K 31/505 (2006.01)
A61K 31/33 (2006.01)
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C10G 2/00 (2006.01)
B01D 53/00 (2006.01)
C10G 45/00 (2006.01)
C10J 3/00 (2006.01)
C10K 1/00 (2006.01)
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C10K 1/34 (2006.01)
C25B 1/04 (2021.01)
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F17C 13/00 (2006.01)
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G01N 33/574 (2006.01)
A61K 39/00 (2006.01)
A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
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(54) DLL3 ANTIGEN BINDING CONSTRUCTS
(51) Int. Cl.

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A61P 35/00 (2006.01)
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(74) Davies Collison Cave Pty Ltd
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(54) ANTIBODIES AND METHODS OF MAKING AND USING SAME
(51) Int. Cl.
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A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
C07K 16/30 (2006.01)
C12N 15/86 (2006.01)
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(54) NANO UREA FERTILISER AND METHOD OF MANUFACTURE THEREOF
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C05C 9/00 (2006.01)
C05G 3/90 (2020.01)
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A61P 21/04 (2006.01)
A61K 39/395 (2006.01)
A61P 37/06 (2006.01)
C07K 16/18 (2006.01)
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E21B 41/00 (2006.01)
E21B 47/01 (2012.01)
E21D 9/00 (2006.01)
E21D 13/00 (2006.01)
G01B 5/00 (2006.01)
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A61P 11/00 (2006.01)
C07K 14/235 (2006.01)
C12N 1/20 (2006.01)
C12N 1/36 (2006.01)
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C12N 9/16 (2006.01)
C12N 15/00 (2006.01)
C12R 1/01 (2006.01)
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(54) IMPROVED SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT FOR NORTH-FINDING
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G01C 19/38 (2006.01)
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A01K 1/06 (2006.01)
A01K 1/02 (2006.01)
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(74) Allens Patent & Trade Mark Attorneys

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(51) Int. Cl.
C07D 491/22 (2006.01)
A61K 31/519 (2006.01)
A61K 31/553 (2006.01)
A61P 35/00 (2006.01)
C07D 491/14 (2006.01)
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(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
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- (71) KYUNG NONG CORPORATION;
KOREA RESEARCH INSTITUTE OF
CHEMICAL TECHNOLOGY
(11) AU-A-2023299038
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(54) ISOXAZOLINE DERIVATIVE COM-
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POSITION COMPRISING SAME
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C07D 261/04 (2006.01)
A01N 43/80 (2006.01)
A01P 7/04 (2006.01)
C07D 413/12 (2006.01)
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Shizuka Mei; KWON, Bowon; CHOI,
Won Seok; SEO, Jin Won; KANG, Won
Jin; PARK, Seong Jun; LIM, Hwan Jung
(74) FB Rice Pty Ltd
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AND USE THEREOF
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C12N 15/74 (2006.01)
C07K 14/195 (2006.01)
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FOR COLD LOAD PICK-UP MANAGE-
MENT
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H02J 3/14 (2006.01)
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A63G 31/00 (2006.01)
F16B 2/06 (2006.01)
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A61P 35/04 (2006.01)
C07K 16/22 (2006.01)
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C07D 215/233 (2006.01)
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A61L 2/07 (2006.01)
D06F 39/00 (2024.01)
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D06F 58/32 (2020.01)
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A61K 31/553 (2006.01)
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A61P 3/00 (2006.01)
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A23B 11/13 (2025.01)
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C12N 5/10 (2006.01)
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G06Q 50/06 (2024.01)
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B01J 20/12 (2006.01)
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G06N 20/20 (2019.01)
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A61P 27/02 (2006.01)
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A61K 45/06 (2006.01)
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C25B 9/77 (2021.01)
C25B 15/02 (2021.01)
C25B 15/027 (2021.01)
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A61N 1/36 (2006.01)
A61N 1/05 (2006.01)
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C07D 413/14 (2006.01)
A61K 31/397 (2006.01)
A61K 31/4439 (2006.01)
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A61P 7/02 (2006.01)
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A61K 31/7016 (2006.01)
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A61P 1/02 (2006.01)
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C09D 7/61 (2018.01)
A01N 1/10 (2025.01)
A01N 59/06 (2006.01)
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A61B 10/00 (2006.01)
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G06F 3/01 (2006.01)
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A61K 31/205 (2006.01)
A61P 35/00 (2006.01)
C07C 227/20 (2006.01)
A61P 1/16 (2006.01)
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C07K 14/00 (2006.01)
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C12Q 1/6869 (2018.01)
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C07K 14/00 (2006.01)
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A61N 2/02 (2006.01)
H02M 1/00 (2007.01)
H03L 5/00 (2006.01)
H02M 1/38 (2007.01)
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C02F 1/22 (2023.01)
F15B 1/00 (2006.01)
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C02F 103/08 (2006.01)
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H04R 3/00 (2006.01)
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ERTY CORPORATION OF AMERICA
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H04N 19/30 (2014.01)
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F27B 1/16 (2006.01)
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A61P 35/00 (2006.01)
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COPIOU, George; THURSTON, David
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(74) MINTER ELLISON

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G01R 31/396 (2019.01)
H01M 10/42 (2006.01)
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C12N 15/82 (2006.01)
C12N 9/22 (2006.01)
C12N 15/113 (2010.01)
C12N 15/90 (2006.01)
C12N 5/04 (2006.01)
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(51) Int. Cl.
A61K 31/167 (2006.01)
A61K 31/4375 (2006.01)
A61K 31/517 (2006.01)
A61P 11/00 (2006.01)
C07D 239/94 (2006.01)
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C12M 1/00 (2006.01)
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A61K 9/00 (2006.01)
A61K 38/17 (2006.01)
A61K 39/00 (2006.01)
A61K 39/395 (2006.01)
A61P 31/00 (2006.01)
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A61P 35/00 (2006.01)
C07D 405/12 (2006.01)
C07D 409/12 (2006.01)
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C12N 5/071 (2010.01)
C12N 7/01 (2006.01)
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C01F 11/46 (2006.01)
C05D 1/02 (2006.01)
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C07D 487/04 (2006.01)
A61P 3/00 (2006.01)
A61P 25/00 (2006.01)
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G06N 10/70 (2022.01)
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B82Y 10/00 (2011.01)
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C08F 265/06 (2006.01)
C09D 4/06 (2006.01)
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C12N 15/113 (2010.01)
A61P 3/06 (2006.01)
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E21B 7/24 (2006.01)
E21B 49/00 (2006.01)
G01V 1/153 (2006.01)
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A61F 13/15 (2006.01)
A41B 9/02 (2006.01)
A61F 13/471 (2006.01)
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A61K 31/635 (2006.01)
A61K 31/7068 (2006.01)
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A61P 35/02 (2006.01)
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(74) Allens Patent & Trade Mark Attorneys
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A61K 31/454 (2006.01)
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A61K 31/5377 (2006.01)
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B04C 9/00 (2006.01)
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G06F 21/31 (2013.01)
G06F 21/44 (2013.01)
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G06F 21/62 (2013.01)
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G01V 3/30 (2006.01)
E21B 44/02 (2006.01)
E21B 47/07 (2012.01)
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B23K 26/26 (2014.01)
B23K 26/20 (2014.01)
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- B23K 26/244 (2014.01)
B23K 26/28 (2014.01)
B23K 26/324 (2014.01)
B23K 26/57 (2014.01)
H05K 5/06 (2006.01)
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(54) RETAIL MONITORING SYSTEM
(51) Int. Cl.
G08B 13/22 (2006.01)
E05B 73/00 (2006.01)
G06Q 10/08 (2024.01)
G08B 26/00 (2006.01)
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C12N 15/113 (2010.01)
A61K 48/00 (2006.01)
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G01N 3/02 (2006.01)
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G01N 3/36 (2006.01)
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WANG, Yilin; LI, Xiangyang; YAN,
Shirong; CAO, Tiancai
(74) Collison & Co

(71) SHANGHAI SHIJIANG BIOTECHNO-
LOGY CO., LTD
(11) AU-A-2023278401
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(54) PHOSPHORUS COMPOUND AND
USE THEREOF
(51) Int. Cl.
C07F 9/54 (2006.01)
A61K 31/66 (2006.01)
A61K 31/665 (2006.01)
A61K 31/67 (2006.01)
A61K 31/675 (2006.01)
A61P 35/00 (2006.01)
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(72) SHI, Yufeng; MA, Wenjiang; WANG,
Yingcai
(74) Griffith Hack

(71) SHUMWAY, J.A.
(11) AU-A-2023299208
(21) 2023299208 (22) 30.06.2023
(54) APPARATUS AND SYSTEM FOR THE
PLACEMENT AND MANAGEMENT
OF BATTERY PACKS FOR THE PUR-
POSE OF POWERING ALL-ELECTRIC
COMMERCIAL VEHICLES
(51) Int. Cl.
B60K 1/04 (2019.01)
B60L 50/60 (2019.01)
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(43) 04.01.2024
(72) SHUMWAY, Jeff, A.
(74) Arceo IP

(71) SIDIZ INC.
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(54) HEIGHT CONTROL APPARATUS FOR
HEADREST AND CHAIR COMPRIS-
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(51) Int. Cl.
A47C 7/38 (2006.01)
A47C 1/036 (2006.01)
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(43) 18.01.2024
(72) YOON, Dae Ho
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(71) SIDIZ INC.
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(54) SEAT CUSHION FOR CHAIR AND
SEAT FOR CHAIR INCLUDING SAME
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A47C 7/14 (2006.01)
A47C 27/00 (2006.01)
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(72) LEE, Sang Jae; YUN, Hwi Seong
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(71) SIEMENS HEALTHCARE DIA-
GNOSTICS INC.
(11) AU-A-2023342054
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MUNOASSAYS
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C12N 15/10 (2006.01)
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(43) 21.03.2024
(72) MITRA, Nivedita; V M, Ramya;
AZHAR, Mohiudeen; JIANG, Qingping;
CHAKRABORTY, Ishita; SHARPE,
David
(74) Spruson & Ferguson

(71) SIEMENS MOBILITY, INC.
(11) AU-A-2023325743
(21) 2023325743 (22) 10.07.2023
(54) DEVICE AND METHOD FOR DETECT-
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ROAD CROSSING GATE
(51) Int. Cl.
B61L 29/08 (2006.01)
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(43) 22.02.2024
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(74) Spruson & Ferguson

(71) SINAPTICA THERAPEUTICS, INC.
(11) AU-A-2023298639
(21) 2023298639 (22) 29.06.2023
(54) SYSTEMS AND METHODS TO CHAR-
ACTERIZE INDIVIDUAL RESPONSE
TO BRAIN PERTURBATION IN PA-
TIENTS WITH ALZHEIMER'S DIS-
EASE
(51) Int. Cl.
A61B 5/377 (2021.01)
A61B 5/372 (2021.01)
A61B 5/369 (2021.01)
A61B 5/383 (2021.01)
A61N 2/00 (2006.01)
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(43) 04.01.2024
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LTD.
(11) AU-A-2023301899
(21) 2023301899 (22) 27.06.2023

(54) VEGETABLE GUM-BASED SOFT
JELLY CANDY AND PRODUCTION
METHOD THEREFOR
(51) Int. Cl.
A23G 3/42 (2006.01)
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(74) FB Rice Pty Ltd

(71) SMARTWASH SOLUTIONS, LLC
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(21) 2023307161 (22) 12.07.2023
(54) METHODS AND SYSTEMS FOR IM-
PROVING WATER USAGE IN FOOD
PROCESSING
(51) Int. Cl.
A23N 12/02 (2006.01)
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(72) MCGINNIS, Christopher Michael; ROL-
SKY, Greg; BRENNAN, James M.; WIL-
HELMSEN, Eric Child
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(54) SAVORY PRODUCT COMPRISING
STABLE POLYUNSATURATED FATTY
ACID
(51) Int. Cl.
A23L 23/00 (2016.01)
A23L 23/10 (2016.01)
A23L 25/00 (2016.01)
A23L 29/00 (2016.01)
A23L 29/238 (2016.01)
A23L 33/00 (2016.01)
A23L 33/115 (2016.01)
A23L 33/21 (2016.01)
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YAN, Tat Wei
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A47J 31/36 (2006.01)
B65D 65/46 (2006.01)
B65D 85/804 (2006.01)
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thieu; DOGAN, Nihan; TRULLARD,
Aurélien
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(21) 2023288933 (22) 20.06.2023
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E01D 19/16 (2006.01)
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(43) 28.12.2023
(72) MAILLET, Vincent; SOLET, Ronan; GUESDON, Matthieu; TOTH, Miklos
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- (71) SOMA Gen-Ichiro; BIOMEDICAL RESEARCH GROUP INC.
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(54) PROPHYLACTIC DRUG AND THERAPEUTIC DRUG FOR DIABETES-ASSOCIATED DEMENTIA
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A61K 31/739 (2006.01)
A61K 35/741 (2015.01)
A61P 3/10 (2006.01)
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(72) SOMA Gen-Ichiro; INAGAWA Hiroyuki; KOHCHI Chie; MIZOBUCHI Haruka
(74) Davies Collison Cave Pty Ltd
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- (71) SPIN-BALLS, LLC
(11) AU-A-2023286616
(21) 2023286616 (22) 21.06.2023
(54) INTERFERENCE JOINT DIGITS, BUILDING ELEMENTS, BUILDING SYSTEMS, AND ASSEMBLIES
(51) Int. Cl.
A63H 33/06 (2006.01)
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(72) SILVERGLATE, David
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(11) AU-A-2023318203
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(54) PENCIL LEAD WITH POLYHYDROXY-BUTYRIC ACID BINDER AND PENCIL WITH THE LEAD
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C09D 13/00 (2006.01)
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(72) JAKOB, Martin
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(21) 2023300185 (22) 03.07.2023
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(51) Int. Cl.
A61B 34/10 (2016.01)
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A61B 90/00 (2016.01)
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- (71) SUNVERTEC PTY LTD
(11) AU-A-2023288165
(21) 2023288165 (22) 22.06.2023
(54) A BATTERY ENERGY STORAGE SYSTEM
(51) Int. Cl.
H01M 10/42 (2006.01)
G01R 19/00 (2006.01)
G01R 31/36 (2020.01)
H01M 10/48 (2006.01)
H01M 50/204 (2021.01)
H01M 50/244 (2021.01)
H01M 50/284 (2021.01)
H01M 50/296 (2021.01)
H01M 50/569 (2021.01)
H01M 50/59 (2021.01)
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(72) DAVIES, Kevin; DAVIES, Alexander
(74) Armour IP
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- (71) SURYAWANSHI, G.P.
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(21) 2023323634 (22) 03.04.2023
(54) AUTONOMOUS TRACK MONITORING SYSTEM
(51) Int. Cl.
B61D 15/12 (2006.01)
B61L 23/04 (2006.01)
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(43) 15.02.2024
(72) SURYAWANSHI, Ganesh Pandit
(74) Ashutosh Choudhary
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- (71) SUZHOU TRANSCENTA THERAPEUTICS CO., LTD.; TRANSCENTA HOLDING LIMITED; TRANSCENTA THERAPEUTICS, INC.
(11) AU-A-2023296568
(21) 2023296568 (22) 29.06.2023
(54) STABLE PHARMACEUTICAL FORMULATION COMPRISING AN ANTI-CLDN18.2 ANTIBODY
(51) Int. Cl.
A61K 39/395 (2006.01)
A61K 47/02 (2006.01)
A61K 47/10 (2017.01)
A61K 47/12 (2006.01)
A61P 35/00 (2006.01)
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(43) 04.01.2024
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(74) PHILLIPS ORMONDE FITZPATRICK
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(54) FET GAS SENSOR DEVICE
(51) Int. Cl.
G01N 27/414 (2006.01)
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(21) 2023310663 (22) 04.07.2023
(54) DIGITAL LIFE AND/OR HEALTH CLAIMS PROCESSING SYSTEM INTEGRATING MULTIPLE CLAIM CHANNELS, AND METHOD THEREOF
(51) Int. Cl.
G06Q 40/08 (2012.01)
(87) WO2024/017630
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(54) EXTENDED METABOLISM METHODS FOR INCREASING AND EXTRACTING METABOLITES FROM ALGAE AND MICROORGANISMS
(51) Int. Cl.
C12P 5/00 (2006.01)
A01G 33/00 (2006.01)
A23K 20/10 (2016.01)
A23K 50/10 (2016.01)
C12N 1/12 (2006.01)
C12N 9/08 (2006.01)
C12P 1/00 (2006.01)
C12P 5/02 (2006.01)
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(31) 63/389,259 (32) 14.07.22 (33) US
63/446,735 17.02.23
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(72) CHEN, Jianwei; LOISELLE, Tamara Lee
(74) RnB IP Pty Ltd
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- (71) SYNGENTA CROP PROTECTION AG
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(54) CRYSTALLINE FORMS OF 1,2,4-OXADIAZOLE FUNGICIDES
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C07D 271/06 (2006.01)
A01N 43/82 (2006.01)

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(43) 25.01.2024
(72) ELSNER, Jochen; TERINEK, Miroslav
(74) Davies Collison Cave Pty Ltd

(71) TAISHO SKY BUILDING, INC.
(11) AU-A-2022467392
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(54) MANAGEMENT SYSTEM FOR HAND-
 ING INQUIRY
(51) Int. Cl.
G06F 16/90 (2019.01)
(87) WO2024/004131
(43) 04.01.2024
(72) ISHIDA Kazuharu
(74) Davies Collison Cave Pty Ltd

(71) TELEFONAKTIEBOLAGET LM ERIC-
 SSON (PUBL)
(11) AU-A-2022469881
(21) 2022469881 **(22)** 13.07.2022
(54) CONTROLLING PROCESSING RE-
 SOURCES
(51) Int. Cl.
G06F 1/3209 (2019.01)
H04W 52/02 (2009.01)
(87) WO2024/012677
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(72) LAGERQVIST, Tomas; TJÄRNLUND,
 Stefan; NORDENSTRÖM, My
(74) FB Rice Pty Ltd

(71) TELEFONAKTIEBOLAGET LM ERIC-
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(21) 2023284367 **(22)** 01.06.2023
(54) SUPPORT FOR SESSION CONTINU-
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(51) Int. Cl.
H04W 48/18 (2009.01)
H04W 60/00 (2009.01)
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(31) 63/350,561 **(32)** 09.06.22 **(33)** US
(43) 14.12.2023
(72) FOTI, George
(74) FB Rice Pty Ltd

(71) TENOR INC.
(11) AU-A-2022304742
(21) 2022304742 **(22)** 04.07.2022
(54) AUDIO SIGNAL REPRODUCTION
(51) Int. Cl.
H04R 3/04 (2006.01)
H03F 1/32 (2006.01)
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H04R 25/00 (2006.01)
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(43) 05.01.2023
(72) VANDEN BROECK, Michel
(74) Michael Buck IP

(71) TES PHARMA S.R.L.
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(21) 2023275924 **(22)** 24.05.2023
(54) PYRIMIDINONE COMPOUNDS FOR
 TREATING ACUTE INFLAMMATION
(51) Int. Cl.
A61K 31/513 (2006.01)
A61P 1/00 (2006.01)
A61P 11/00 (2006.01)
A61P 29/00 (2006.01)
(87) WO2023/227666
(31) 63/346,193 **(32)** 26.05.22 **(33)** US
(43) 30.11.2023
(72) PELLICCIARI, Roberto; GIACCH#, Nic-
 ola; DE FRANCO, Francesca
(74) GLMR

(71) TES SUSTAINABLE BATTERY SOLU-
 TIONS FRANCE
(11) AU-A-2023305728
(21) 2023305728 **(22)** 18.06.2023
(54) METHOD FOR DISMANTLING A LITH-
 IUM BATTERY
(51) Int. Cl.
H01M 10/54 (2006.01)
(87) WO2024/012804
(31) FR2207133 **(32)** 12.07.22 **(33)** FR
(43) 18.01.2024
(72) TEDJAR, Farouk; TOCCHINI,
 Stéphane
(74) Griffith Hack

(71) TETRA LAVAL HOLDINGS & FINANCE
 S.A.
(11) AU-A-2023318241
(21) 2023318241 **(22)** 26.06.2023
(54) PACKAGING BLANK FOR FORM-
 ING A PACKAGE AND PACKAGE
 FORMED FROM A PACKAGING
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(51) Int. Cl.
B65D 3/08 (2006.01)
B65D 5/02 (2006.01)
(87) WO2024/027991
(31) 22188314.3 **(32)** 02.08.22 **(33)** EP
(43) 08.02.2024
(72) BARBIERI, Marcello; FEDELE,
 Francesca; MALAVASI, Filippo; GER-
 ARDI, Daniele
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(11) AU-A-2023318242
(21) 2023318242 **(22)** 26.06.2023
(54) PACKAGING BLANK FOR FORM-
 ING A PACKAGE AND PACKAGE
 FORMED FROM A PACKAGING
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(51) Int. Cl.
B65D 5/02 (2006.01)
B65D 5/42 (2006.01)
B65D 5/64 (2006.01)
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(31) 22188315.0 **(32)** 02.08.22 **(33)** EP
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(72) BARBIERI, Marcello; FEDELE,
 Francesca; MALAVASI, Filippo; GER-
 ARDI, Daniele; FORCELLINI, Carlo;

NIKlasson, Henrik; DE PIETRI TON-
 ELLI, Roberto; RONCHETTI, Luca;
 GIAMPIERI, Andrea; FIORINI, Matteo;
 POPPI, Marco
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(71) TETRA LAVAL HOLDINGS & FINANCE
 S.A.
(11) AU-A-2023369776
(21) 2023369776 **(22)** 16.10.2023
(54) CLOSURE ASSEMBLY FOR A CON-
 TAINER AND CONTAINER HAVING A
 CLOSURE ASSEMBLY
(51) Int. Cl.
B65D 5/74 (2006.01)
B65D 41/34 (2006.01)
B65D 47/10 (2006.01)
B65D 55/16 (2006.01)
(87) WO2024/088804
(31) 102022000022107 **(32)** 26.10.22 **(33)** IT
(43) 02.05.2024
(72) INSERO, Marco; MARTINI, Pietro;
 SORBARA, Angelo; LINGUITI, Mar-
 tina; GORI, Luca; VIANI, Tiziano; CANI,
 Franco
(74) Griffith Hack

(71) TEXTILE CHANGE APS
(11) AU-A-2023288780
(21) 2023288780 **(22)** 22.06.2023
(54) APPARATUS FOR TREATMENT OF
 TEXTILES AND USE THEREOF
(51) Int. Cl.
D06B 5/14 (2006.01)
D06B 9/06 (2006.01)
D06P 5/15 (2006.01)
D06B 23/20 (2006.01)
(87) WO2023/247667
(31) PA202200604 **(32)** 23.06.22 **(33)** DK
(43) 28.12.2023
(72) ROSSEN, Simon Hundahl; GARCIA,
 Adriana Sofia Valencia; HØJLAND,
 Ditte; HØSTRUP, Emma Thonesen
(74) Catalyst Intellectual Property

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 VERSITY
(11) AU-A-2023307698
(21) 2023307698 **(22)** 10.07.2023
(54) TUNABLE CYTOKINE RECEPTOR
 SIGNALING DOMAINS
(51) Int. Cl.
C07K 14/715 (2006.01)
C07K 14/71 (2006.01)
A61K 35/17 (2015.01)
A61P 35/00 (2006.01)
C12N 15/62 (2006.01)
C12N 15/85 (2006.01)
(87) WO2024/015723
(31) 63/388,128 **(32)** 11.07.22 **(33)** US
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 Lih-Ren; RODRIGUEZ, Grayson
(74) FB Rice Pty Ltd

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- (71) THE CHAMBERLAIN GROUP LLC
(11) AU-A-2023316027
(21) 2023316027 (22) 28.07.2023
(54) SYSTEM AND METHOD FOR PROGRAMMING A TRAINABLE TRANSMITTER
(51) Int. Cl.
G08C 17/00 (2006.01)
(87) WO2024/026501
(31) 63/393,085 (32) 28.07.22 (33) US
(43) 01.02.2024
(72) AXTOLIS, Robert Jude; FITZGIBBON, James Joseph; MORRIS, David R.
(74) GLMR
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- (71) THE CORING COMPANY AS
(11) AU-A-2023297692
(21) 2023297692 (22) 27.02.2023
(54) COLLECTION UNIT FOR CUTTINGS
(51) Int. Cl.
E21B 49/02 (2006.01)
E02D 1/04 (2006.01)
E02D 1/02 (2006.01)
(87) WO2024/005641
(31) 20220749 (32) 29.06.22 (33) NO
(43) 04.01.2024
(72) KLÆBO VONSTAD, Frida
(74) Spruson & Ferguson
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- (71) THE JOHNS HOPKINS UNIVERSITY
(11) AU-A-2023284463
(21) 2023284463 (22) 09.06.2023
(54) SYSTEMS FOR ENHANCING TARGET MRNA EXPRESSION AND USES THEREOF
(51) Int. Cl.
C12N 15/11 (2006.01)
A61K 48/00 (2006.01)
C12N 15/63 (2006.01)
C12N 15/82 (2006.01)
(87) WO2023/240254
(31) 63/350,908 (32) 10.06.22 (33) US
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(43) 14.12.2023
(72) COLLIER, Jeffery; TORKZABAN, Bahareh
(74) WRAYS PTY LTD
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- (71) THE REGENTS OF THE UNIVERSITY OF COLORADO, A BODY CORPORATE; GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF COMMERCE
(11) AU-A-2023286518
(21) 2023286518 (22) 22.06.2023
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(51) Int. Cl.
G01J 3/42 (2006.01)
G01N 33/497 (2006.01)
G16B 40/20 (2019.01)
(87) WO2023/250106
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(11) AU-A-2023283479
(21) 2023283479 (22) 07.06.2023
(54) METHODS FOR TREATING DRY EYE DISEASE
(51) Int. Cl.
A61K 9/08 (2006.01)
A61P 27/02 (2006.01)
A61P 27/04 (2006.01)
A61K 9/00 (2006.01)
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(31) 63/350,365 (32) 08.06.22 (33) US
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(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
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(51) Int. Cl.
A61K 31/395 (2006.01)
A61K 31/13 (2006.01)
A61K 31/166 (2006.01)
A61K 31/4164 (2006.01)
A61K 31/33 (2006.01)
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(11) AU-A-2023298054
(21) 2023298054 (22) 28.06.2023
(54) SYSTEM AND METHOD FOR CANABIS CLASSIFICATION
(51) Int. Cl.
G01N 21/25 (2006.01)
B07C 5/342 (2006.01)
G01N 21/31 (2006.01)
G01N 21/359 (2014.01)
G01N 21/62 (2006.01)
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(51) Int. Cl.
C02F 1/58 (2023.01)
A62D 3/02 (2007.01)
C02F 3/32 (2023.01)
D21C 3/26 (2006.01)
D21C 9/18 (2006.01)
B09C 1/10 (2006.01)
C09K 3/32 (2006.01)
D01D 5/40 (2006.01)
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(74) Allens Patent & Trade Mark Attorneys
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(21) 2023322612 (22) 10.08.2023
(54) REFRIGERATOR WITH SEPARATELY FORMED COOLING SYSTEM AND INSULATED CABINET
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F25D 19/02 (2006.01)
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(54) TRIGEMINAL CUE FOR WILDLIFE REPELLENTS
(51) Int. Cl.
A01N 35/06 (2006.01)
A01M 29/00 (2011.01)
A01M 29/12 (2011.01)
A01N 37/44 (2006.01)
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(71) THINK SURGICAL, INC. (11) AU-A-2023300154 (21) 2023300154 (22) 30.06.2023 (54) AUTOMATED ARTHROPLASTY PLANNING WITH MACHINE LEARNING (51) Int. Cl. A61B 34/10 (2016.01) A61B 34/00 (2016.01) (87) WO2024/006487 (31) 63/357,096 (32) 30.06.22 (33) US (43) 04.01.2024 (72) ZUHARS, Joel (74) Davies Collison Cave Pty Ltd	(71) TOPSOE A/S (11) AU-A-2023309222 (21) 2023309222 (22) 29.06.2023 (54) HYDROPROCESSING OF WASTE TYRE PYROLYSIS OIL WITH VEGETABLE AND/OR FATTY MATERIAL (51) Int. Cl. C10G 1/00 (2006.01) C10G 1/10 (2006.01) C10G 3/00 (2006.01) (87) WO2024/017593 (31) PA202200709 (32) 22.07.22 (33) DK (43) 25.01.2024 (72) STREBEL, Christian Ejersbo; GABRIELSEN, Jostein; STUMMANN, Magnus Zingler (74) Griffith Hack	(71) TRANSGENE; ASTRAZENECA AB (11) AU-A-2023283081 (21) 2023283081 (22) 09.06.2023 (54) RECOMBINANT VIRUS EXPRESSING INTERLEUKIN-12 (51) Int. Cl. C12N 15/863 (2006.01) A61K 35/768 (2015.01) C07K 14/54 (2006.01) (87) WO2023/238106 (31) 63/351,255 (32) 10.06.22 (33) US 63/369,623 27.07.22 US (43) 14.12.2023 (72) OBERST, Michael David; BROGGI, Maria Anna Sofia; DURHAM, Nicholas; KELLY, Elizabeth J.; LALIBERTE, Jason Paul; ZURIGUEL, Noëlia Purroy; KARANOVIC, Djuro; HAMMOND, Scott Alan; SILVESTRE, Nathalie Josette; FOLOPPE, Johann Daniel Valéry (74) PHILLIPS ORMONDE FITZPATRICK
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C08L 75/04 (2006.01)
C09D 175/04 (2006.01)
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(11) AU-A-2023311101
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(54) STERILIZATION PACKAGING SYSTEM AND METHOD
(51) Int. Cl.
A61L 2/20 (2006.01)
A61B 50/13 (2016.01)
A61L 2/00 (2006.01)
A61L 2/07 (2006.01)
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C08J 3/075 (2006.01)
A61L 27/20 (2006.01)
A61L 27/54 (2006.01)
A61P 27/16 (2006.01)
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(21) 2024257751 **(22)** 16.04.2024
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C22C 21/06 (2006.01)
C22F 1/00 (2006.01)
C22F 1/047 (2006.01)
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(51) Int. Cl.
C07K 14/715 (2006.01)
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A61P 35/00 (2006.01)
C12N 5/0783 (2010.01)
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(51) Int. Cl.
A23L 2/39 (2006.01)
A23L 2/60 (2006.01)
A23L 27/30 (2016.01)
A23L 33/16 (2016.01)
A23L 33/175 (2016.01)
A61P 3/02 (2006.01)
A61P 7/08 (2006.01)
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A23G 9/32 (2006.01)
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A23L 33/185 (2016.01)
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(54) N-ALKYL-2-SUBSTITUTED ATP ANALOGUES FOR USE AS ANTIBACTERIAL AGENT
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A61L 2/00 (2006.01)
A61P 31/04 (2006.01)
A61P 43/00 (2006.01)
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(51) Int. Cl.
A61K 41/00 (2020.01)
A61K 47/54 (2017.01)
A61K 47/69 (2017.01)
A61K 51/10 (2006.01)
A61P 35/00 (2006.01)
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G01N 33/543 (2006.01)
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Anna
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THE COMMONWEALTH SYSTEM OF
HIGHER EDUCATION; THE JOHNS
HOPKINS UNIVERSITY
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(54) C-GLYCOSIDES AS ANTI-INFLAM-
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C07H 7/02 (2006.01)
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(72) WIPF, Peter; MONTOYA, Adam,
Patrick; HACKAM, David; SODHI, Ch-
hinder; LU, Peng
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(54) COMPOSITIONS COMPRISING LIPID
DROPLETS ENCAPSULATED WITH-
IN POLYSACCHARIDE WALLS AND
USES THEREOF
(51) Int. Cl.
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(72) JOYCE, Paul, Matthew; PRESTIDGE,
Clive, Allan
(74) PHILLIPS ORMONDE FITZPATRICK

(71) UNIVERSITY OF SURREY; NORTH
CAROLINA STATE UNIVERSITY
(11) AU-A-2023290600
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(54) PREPARE CARBON NANOMATERI-
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C01B 32/15 (2017.01)
B01J 23/74 (2006.01)
C01B 3/02 (2006.01)
C08J 11/04 (2006.01)
D01F 9/12 (2006.01)
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INA, Thomas; PARILLA LAHOZ, Silvia;
PAWLAK, Joel; VENDITTI, Richard
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(11) AU-A-2022468291
(21) 2022468291 (22) 26.12.2022
(54) FUNGICIDE COMPOSITION
(51) Int. Cl.
A01N 43/40 (2006.01)
A01N 25/14 (2006.01)
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madhan
(74) Churchill Attorneys

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A61M 1/00 (2006.01)
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Timo
(74) Allens Patent & Trade Mark Attorneys

(71) VALO HEALTH, INC.
(11) AU-A-2023320331
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ING 6-SUBSTITUTED-1-(2H)-
ISOQUINOLINONES AND INTERME-
DIATE COMPOUND
(51) Int. Cl.
C07D 217/02 (2006.01)
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(43) 08.02.2024
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WATHIER, Matthew James; ZHAI,
Huimin; BENELLI, Christophe; BON,

Xavier; CAMUZAT-DEDENIS, Boris;
RODIER, Fabien
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(71) VASTHERA CO., LTD.
(11) AU-A-2023297629
(21) 2023297629 (22) 28.06.2023
(54) Compounds, pharmaceutical composi-
tions containing them and their medic-
al use for the treatment or prevention of
vascular diseases
(51) Int. Cl.
C07D 513/08 (2006.01)
A61K 31/554 (2006.01)
A61P 9/00 (2006.01)
A61P 9/12 (2006.01)
C07D 513/18 (2006.01)
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(72) KANG, Sang Won; LEE, Kyung Joo;
KANG, Dong Hoon; JALANI, Hiteshku-
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Sung Hoon
(74) Michael Buck IP

(71) VEKTOR PHARMA TF GMBH
(11) AU-A-2023293707
(21) 2023293707 (22) 14.06.2023
(54) SUBLINGUAL FORMULATION OF AN-
TICANCER COMPOUND FOR USE IN
THE TREATMENT OF AUTOIMMUNE
NEURODEGENERATIVE DISEASES
(51) Int. Cl.
A61K 31/7076 (2006.01)
A61K 9/00 (2006.01)
A61K 47/10 (2017.01)
A61K 47/24 (2006.01)
A61K 47/36 (2006.01)
A61K 47/40 (2006.01)
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A61P 25/00 (2006.01)
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Bianca; BECKERT, Thomas; ANJO,
Carlos; ZABUDKIN, Oleksandr;
COLOMBO, Angelo
(74) Allens Patent & Trade Mark Attorneys

(71) VERDUS TECHNOLOGIES PTE. LTD.
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(54) METHOD AND INTEGRATED SYS-
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(51) Int. Cl.
B01D 53/62 (2006.01)
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B01D 53/79 (2006.01)
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C02F 1/70 (2023.01)
C02F 9/00 (2023.01)
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(54) COMPOSITIONS FOR THE TREAT-
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Katie
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A23G 1/30 (2006.01)
A23G 1/48 (2006.01)
A23L 19/00 (2016.01)

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FOR A SPINAL CORD STIMULATION
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A61N 1/36 (2006.01)
A61N 1/05 (2006.01)
A61B 5/11 (2006.01)

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(51) Int. Cl.

G06T 7/70 (2017.01)
B64C 39/02 (2023.01)
B64D 1/22 (2006.01)
B64U 20/87 (2023.01)
G01P 5/00 (2006.01)
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G05D 1/00 (2024.01)
B64U 101/67 (2023.01)

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H01M 8/18 (2006.01)
H01M 8/1016 (2016.01)

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(54) CHILD SAFETY SEAT AND SAFETY
BELT ADJUSTMENT SYSTEM
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B60R 22/44 (2006.01)
B60N 2/28 (2006.01)

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(54) SEAT ANGLE ADJUSTMENT MECH-
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CHILD SAFETY SEAT

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B60N 2/28 (2006.01)

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(21) 2023295816 (22) 14.06.2023
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B60N 2/58 (2006.01)
B60N 2/28 (2006.01)

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(54) WHEEL ORIENTATION MECHAN-
ISM, FOLDABLE FRAME AND CHILD
STROLLER

(51) Int. Cl.
B62B 7/06 (2006.01)
B62B 9/00 (2006.01)

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Haitao; LI, Fangming
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(21) 2023282944 (22) 09.06.2023
(54) SYSTEM OF PRECONFIGURED
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METHOD FOR ASSEMBLY OF THE
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(51) Int. Cl.
G06F 30/13 (2020.01)
E04B 1/00 (2006.01)
G06Q 10/0631 (2023.01)
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on; FINCH, Gerard
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PROPERTY PTY LTD

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(54) METHOD FOR PRODUCING ω -3
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C12P 7/6432 (2022.01)
C12N 1/14 (2006.01)
C12P 7/6434 (2022.01)
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OPTICS

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- (54) SYSTEMS, DEVICES AND METHODS FOR A REPEATABLE AND QUANTIFIABLE MEASUREMENT OF THE HAZE PRESENT IN AN OPTICAL LENS
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G01M 11/02 (2006.01)
G01N 21/88 (2006.01)
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(51) Int. Cl.
E02D 31/00 (2006.01)
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H01B 1/00 (2006.01)
H01G 9/00 (2006.01)
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C01B 3/34 (2006.01)
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C22B 3/06 (2006.01)
C22B 3/44 (2006.01)
C22B 21/04 (2006.01)
C22B 59/00 (2006.01)
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- (71) ZODIAC POOL SYSTEMS LLC
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(54) MANAGING DIGITAL CONNECTIONS OF CONNECTED EQUIPMENT AND DEVICES TO POOL AUTOMATION SYSTEMS
(51) Int. Cl.
G05B 15/02 (2006.01)
H04L 12/28 (2006.01)
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(54) SYSTEMS AND METHODS FOR PROVIDING CONTEXT SENSITIVE GUIDANCE FOR MEDICAL TREATMENT OF A PATIENT
(51) Int. Cl.
G16H 40/20 (2018.01)
A61B 5/00 (2006.01)
G06F 3/01 (2006.01)
G06F 3/0482 (2013.01)
G06F 3/0488 (2022.01)
G16H 40/67 (2018.01)
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(74) Spruson & Ferguson
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- (71) Z OPTICS, INC.
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A61F 2/16 (2006.01)
G02C 7/06 (2006.01)
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(72) SCHUSTER, Matthew
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- (71) ZOUNEK, A.
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(54) PRODRUG KIT FOR MULTI-PRONGED CHEMOTHERAPY
(51) Int. Cl.
C07D 311/12 (2006.01)
A61K 47/55 (2017.01)
A61K 47/64 (2017.01)
A61P 35/00 (2006.01)
C07D 401/14 (2006.01)
C07D 403/04 (2006.01)
C07D 405/14 (2006.01)
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(72) ZOUNEK, Alex
(74) Blue Penguin IP Ltd

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2022304742	TENOR INC.	2023284365	COMPOSTIFY LIMITED
2022460077	LATVIAN INSTITUTE OF ORGANIC SYNTHESIS	2023284367	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
2022462454	JIANGSU SEVENCONTINENT GREEN TECHNO- LOGY RESEARCH INSTITUTE CO., LTD	2023284373	KING, S.
2022462995	INFRACORE IP B.V.	2023284396	CHO PLUS INC.
2022464309	SOMA Gen-Ichiro; BIOMEDICAL RESEARCH GROUP INC.	2023284452	GENZYME CORPORATION
2022464747	GOBUBBLE AI TECH LIMITED	2023284463	THE JOHNS HOPKINS UNIVERSITY
2022465917	RECKITT BENCKISER LLC	2023284478	MEQ PROBE PTY LTD
2022466266	TRANSITIONS OPTICAL, LTD.	2023284490	BEREN THERAPEUTICS P.B.C.
2022466288	METSO METALS OY	2023284904	ASTRAZENECA AB
2022466957	NINGDE AMPEREX TECHNOLOGY LIMITED	2023285050	GPCR THERAPEUTICS, INC.
2022467248	REPLI-TECH CO.,LTD.	2023285075	ADVERUM BIOTECHNOLOGIES, INC.
2022467392	TAISHO SKY BUILDING,INC.	2023285094	TIDAL THERAPEUTICS, INC.
2022467882	LIPOCINE, INC.	2023285102	GENZYME CORPORATION
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2022468784	EPIROC ROCK DRILLS AKTIEBOLAG	2023285359	ADAPTIMMUNE LIMITED
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2022469881	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	2023285416	ASTRAZENECA AB
2022471242	RAZER (ASIA-PACIFIC) PTE. LTD.	2023285635	ADVANCED DRILLING TOOLS PTY LTD
2022471430	AKAMIS BIO LTD	2023286086	Z.A. ARGO LTD.
2022471882	HYUNDAI STEEL COMPANY	2023286518	THE REGENTS OF THE UNIVERSITY OF COLOR- ADO, A BODY CORPORATE; GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF COMMERCE
2022473674	NOKIA TECHNOLOGIES OY	2023286616	SPIN-BALLS, LLC
2022473729	ECOLAB USA INC.	2023286686	FLAGSHIP PIONEERING INNOVATIONS VI, LLC
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2022475686	MITSUBISHI ELECTRIC CORPORATION	2023286830	ALMAC DISCOVERY LIMITED
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2023277589	I-MAB BIOPHARMA CO., LTD.; SHANGHAI JUNSHI BIOSCIENCES CO., LTD.	2023287805	BRIM BIOTECHNOLOGY, INC.
2023278401	SHANGHAI SHIJIANG BIOTECHNOLOGY CO., LTD	2023288165	SUNVERTEC PTY LTD
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2023283662	UNIVERSITÉ DE LIÈGE	2023291367	FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E. V.
2023283682	UNIVERSITY OF SOUTH AUSTRALIA	2023291504	CAMBRIDGE ENTERPRISE LIMITED
2023283707	HOWMEDICA OSTEONICS CORP.	2023291627	PREVOR INTERNATIONAL
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2023283838	INHIBRX BIOSCIENCES, INC.	2023291977	LIGACHEM BIOSCIENCES INC.
2023284027	ASTRAZENECA AB	2023292282	BRIM BIOTECHNOLOGY, INC.
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2023284357	ABIONYX PHARMA SA; TUPIN, C.; PEYROTTE, C.; BARBARAS, R.; FAGUER, S.	2023293480	CSL INNOVATION PTY LTD
		2023293647	NUTRICIA EARLY LIFE NUTRITION (SHANGHAI) CO., LTD.
		2023293707	VEKTOR PHARMA TF GMBH

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2023294722	DESIGN THERAPEUTICS, INC.	2023302658	DEREROY & CO., A.S.
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2023295628	BAOSHAN IRON & STEEL CO., LTD.	2023302929	OVID THERAPEUTICS INC.
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		2023303401	ZODIAC POOL SYSTEMS LLC
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2023297127	CONKA ELITE LTD; BODINGTON, H.	2023303772	SANDVIK MINING AND CONSTRUCTION OY
2023297590	HUAWEI TECHNOLOGIES CO., LTD.	2023303815	DENTAL MONITORING
2023297629	VASTHERA CO., LTD.	2023303834	BASF COATINGS GMBH
2023297691	MYLAPS B.V.	2023303882	SENSORION
2023297692	THE CORING COMPANY AS	2023303893	NEOVOLT OY
2023297782	AGILENT TECHNOLOGIES, INC.	2023303930	RSD HOLDINGS LIMITED
2023297855	ALEXANDER SHULGIN RESEARCH INSTITUTE, INC.	2023304149	JANI INTERNATIONAL PTE. LTD.
2023298054	THE STATE OF ISRAEL, MINISTRY OF AGRICUL- TURE & RURAL DEVELOPMENT, AGRICULTURAL RESEARCH ORGANIZATION (ARO) (VOLCANI INSTI- TUTE)	2023304170	HARTEMA, J.; STRUVE, R.G.; RASMUS, R.F.
		2023304232	MITRIX BIO, INC.
2023298566	KISSEI PHARMACEUTICAL CO., LTD.	2023304238	LUCA SCIENCE INC.
2023298639	SINAPTICA THERAPEUTICS, INC.	2023304258	MEDIVATORS INC.
2023299038	KYUNG NONG CORPORATION; KOREA RESEARCH INSTITUTE OF CHEMICAL TECHNOLOGY	2023304259	BALANCED BODY, INC.
		2023304273	MIND MEDICINE, INC.
2023299208	SHUMWAY, J.A.	2023304277	SCHLUMBERGER TECHNOLOGY B.V.
2023299243	CARBO CULTURE, INC.; CARSTENS, D.K.; CARSTENS, C.; DUFAUX, D.P.	2023304338	IMAGINAB, INC.
		2023304340	BATTELLE MEMORIAL INSTITUTE
2023299546	LG ELECTRONICS INC.	2023304419	FAIRLIFE, LLC; THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ALABAMA
2023299569	ISRAEL AEROSPACE INDUSTRIES LTD.		IMAGINAB, INC.
2023299570	FORTEPHEST LTD.	2023304423	SCHOTT AG; SCHOTT PRIMOCER OY
2023299687	CHINA PETROLEUM & CHEMICAL CORPORATION; SINOPEC (SHANGHAI) RESEARCH INSTITUTE OF PETROCHEMICAL TECHNOLOGY CO., LTD.	2023304624	OSPEDALE SAN RAFFAELE S.R.L.; CONSIGLIO
		2023304708	NAZIONALE DELLE RICERCHE
2023299696	RONA BIOSCIENCE, LIMITED	2023304925	GREEN CROSS CORPORATION
2023300154	THINK SURGICAL, INC.	2023305021	GAIA Architect Sydney Pty Ltd
2023300185	STRYKER CORPORATION	2023305022	GAIA Architect Sydney Pty Ltd
2023301225	POW GENETIC SOLUTIONS, INC.	2023305163	SYNERGRAZE INC.
2023301386	ACROTECH BIOPHARMA INC.	2023305247	PANASONIC INTELLECTUAL PROPERTY CORPOR- ATION OF AMERICA
2023301397	HOLLISTER INCORPORATED		FUJIFILM CORPORATION
2023301420	BEA SA	2023305255	PLIANT THERAPEUTICS, INC.
2023301487	OSO TECHNOLOGY AS	2023305541	BYD COMPANY LIMITED
2023301792	HOVER INC.	2023305578	GENENTECH, INC.; F. HOFFMANN-LA ROCHE AG
2023301899	SIRIO HEALTHCARE (ANHUI) CO., LTD.	2023305619	LANDSCAPE STRUCTURES INC.
2023301919	CHINA MOBILE COMMUNICATION CO., LTD RE- SEARCH INSTITUTE; CHINA MOBILE COMMUNICA- TIONS GROUP CO., LTD.	2023305620	NEVRO CORP.
		2023305684	TES SUSTAINABLE BATTERY SOLUTIONS FRANCE
2023302024	DENTAL MONITORING	2023305728	BASF SE
2023302094	LES LABORATOIRES SERVIER; VERNALIS (R&D) LIMITED	2023305750	AMOVA GMBH
		2023305771	GENFIT
2023302099	OSPEDALE SAN RAFFAELE S.R.L.; CONSIGLIO NAZIONALE DELLE RICERCHE	2023305836	OXFORD UNIVERSITY INNOVATION LIMITED
		2023305879	SIDIZ INC.
2023302146	MESOBLAST INTERNATIONAL SARL	2023306064	BIG PICTURE AESTHETICS PTY LTD
2023302160	ELBIT SYSTEMS ELECTRO-OPTICS - ELOP LTD.	2023306103	CLS WIND LLC
2023302269	NISSAN CHEMICAL CORPORATION	2023306223	VOYAGE FOODS, INC.
2023302271	AGRI SMILE, INC.	2023306225	THE SCRIPPS RESEARCH INSTITUTE
2023302372	NACUITY PHARMACEUTICALS, INC.; EVONIK COR- PORATION	2023306380	INTERNATIONAL N&H DENMARK APS
		2023306398	BAOSHAN IRON & STEEL CO., LTD.
2023302439	DOUYIN VISION CO., LTD.	2023306415	CHINA MOBILE COMMUNICATION CO., LTD RE- SEARCH INSTITUTE; CHINA MOBILE COMMUNICA- TIONS GROUP CO., LTD.
2023302444	BEIJING HANMI PHARMACEUTICAL CO., LTD.	2023306441	BHARDWAJ, Y.; GUPTA, S.
2023302462	HINOVA PHARMACEUTICALS INC.		PHEON THERAPEUTICS LTD
2023302512	HYDAC DRIVE CENTER GMBH	2023306646	PANASONIC INTELLECTUAL PROPERTY CORPOR- ATION OF AMERICA
2023302587	BAYER AKTIENGESSELLSCHAFT	2023306656	SIDIZ INC.
2023302590	WONDERLAND SWITZERLAND AG	2023306696	
		2023306838	

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2023306857	KARBON CCS GLOBAL LTD	2023311401	GIGATON CO2 LTD
2023306908	MURPHY, B.P.	2023311440	mitsubishi heavy industries, LTD.
2023306911	BENJAMIN MOORE & CO.	2023311650	OSAKA UNIVERSITY
2023306987	WING AVIATION LLC	2023311826	ADEIA GUIDES INC.
2023307081	HOLLISTER INCORPORATED	2023311868	THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF AGRICULTURE;
2023307161	SMARTWASH SOLUTIONS, LLC		ARKION LIFE SCIENCES, LLC
2023307252	ROYAL EIJKELKAMP B.V.		BRISTOL-MYERS SQUIBB COMPANY
2023307461	UNIVERSITE DE MONTPELLIER; UNIVERSITE CLAUDE BERNARD LYON 1; INSTITUT REGIONAL DU CANCER DE MONTPELLIER (ICM); NH THERAGUIX; INSTITUT NATIONAL DE LA SANTÉ ET DE LA RECHERCHE MÉDICALE; CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE	2023312054	TOPSOE A/S
2023307487	DSM IP ASSETS B.V.; DANSTAR FERMENT AG	2023312141	FILTROX AG
2023307500	PROMISE ROBOTICS INC.	2023312178	NOKIA TECHNOLOGIES OY
2023307538	AC IMMUNE SA	2023312245	AC IMMUNE SA
2023307556	NETWORK RAIL INFRASTRUCTURE LIMITED	2023313032	RYVU THERAPEUTICS S.A.; BERLIN-CHEMIE AG
2023307574	YUJOO CO., LTD.	2023313328	FP BUSINESS INVEST
2023307603	ADAMA MAKHTESHIM LTD.	2023313372	PURECIRCLE SDN BHD; CORN PRODUCTS DEVELOPMENT, INC.
2023307687	MOTOROLA SOLUTIONS, INC.	2023313668	KINNOS INC.
2023307697	LOCUS SOLUTIONS IPCO, LLC		IATERION, INC.
2023307698	THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY	2023314127	PIONEER HI-BRED INTERNATIONAL, INC
2023307788	EWHA UNIVERSITY-INDUSTRY COLLABORATION FOUNDATION; EXOLLENCE CO., LTD.	2023314381	FRANK'S INTERNATIONAL, LLC
2023308166	BWXT ADVANCED TECHNOLOGIES LLC	2023314511	RYVU THERAPEUTICS S.A.; BERLIN-CHEMIE AG
2023308171	REGENERON PHARMACEUTICALS, INC.	2023314602	PURECIRCLE SDN BHD; CORN PRODUCTS DEVELOPMENT, INC.
2023308189	LEAP THERAPEUTICS, INC.	2023315150	HILL'S PET NUTRITION, INC.
2023308195	HUYABIO INTERNATIONAL, LLC	2023315560	BYD COMPANY LIMITED
2023308202	CAPITAL ONE SERVICES, LLC.		MECANA AG
2023308269	GENFIT	2023315771	THE CHAMBERLAIN GROUP LLC
2023308312	ZOLL MEDICAL CORPORATION	2023315820	BALTIMORE AIRCOIL COMPANY, INC.
2023308426	GENENTECH, INC.	2023315998	IATERION, INC.
2023308528	PHEON THERAPEUTICS LTD	2023316027	JIANGSU FLAG CHEMICAL INDUSTRY CO., LTD
2023308639	YOUNGER MFG. CO. DBA YOUNGER OPTICS	2023316403	GELITA AG
2023308729	PHILLIPS, S.	2023316476	CSP TECHNOLOGIES, INC.
2023309004	WAVEGATE CORPORATION	2023316544	EBB CARBON, INC.
2023309008	TYMPANOGEN, INC.	2023316733	MOLECULAR PARTNERS AG
2023309222	TOPSOE A/S	2023317460	DE LA RUE INTERNATIONAL LIMITED
2023309256	MOIRAI BIODSIGN, S.L.	2023317595	STAEDTLER SE
2023309338	BAE SYSTEMS PLC	2023317655	TETRA LAVAL HOLDINGS & FINANCE S.A.
2023309344	COOPERVISION INTERNATIONAL LIMITED	2023318141	TETRA LAVAL HOLDINGS & FINANCE S.A.
2023309375	MICAMO LAB S.R.L.	2023318203	NEXTGEN BIOSCIENCE CO., LTD.
2023309493	LOCUS SOLUTIONS IPCO, LLC	2023318241	VALO HEALTH, INC.
2023309556	GENENTECH, INC.; F. HOFFMANN-LA ROCHE AG	2023318242	FUSE BIOTHERAPEUTICS INC.
2023309557	HOLLISTER INCORPORATED	2023318665	VERTEX PHARMACEUTICALS INCORPORATED
2023309723	IFP ENERGIES NOUVELLES; AVRIL; AXENS; BIONEXT; THYSSENKRUPP UHDE GMBH; TOTALENERGIES ONETECH; COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES	2023320331	KUMQUAT BIOSCIENCES INC.
2023309796	SYNGENTA CROP PROTECTION AG	2023320522	HUAWEI TECHNOLOGIES CO., LTD.
2023309805	INSTITUT NATIONAL DE LA SANTÉ ET DE LA RECHERCHE MÉDICALE; CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE; CENTRE HOSPITALIER UNIVERSITAIRE DE LILLE; INSTITUT PASTEUR DE LILLE; UNIVERSITÉ DE LILLE	2023320558	HUNAN LONSTAR BIOTECH CO., LTD.; HUNAN FANAPLOS BIOTECHNOLOGY LLC.
2023309816	OY INFRACONSULTING AB LTD	2023320565	UNILEVER GLOBAL IP LIMITED
2023309859	ONKO-INNATE PTY LTD; BERRY, R.	2023321309	UNILEVER IP HOLDINGS B.V.
2023309860	FRIMLINE PRIVATE LIMITED	2023321556	REWARD MINERALS LIMITED
2023310071	NEXTGEN BIOSCIENCE CO., LTD.	2023321712	THETFORD BV
2023310152	Z OPTICS, INC.	2023322095	OXFORD NANOPORE TECHNOLOGIES PLC
2023310357	EMAGINEER PTY LTD	2023322226	OXFORD NANOPORE TECHNOLOGIES PLC
2023310663	SWISS REINSURANCE COMPANY LTD.	2023322612	OXFORD NANOPORE TECHNOLOGIES PLC; THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
2023310873	THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF AGRICULTURE; ARKION LIFE SCIENCES, LLC	2023322670	OXFORD NANOPORE TECHNOLOGIES PLC; THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
2023310876	MAKO SURGICAL CORP.	2023322671	HEMODX AS
2023310999	FIREFLY BIO, INC.	2023322675	SURYAWANSHI, G.P.
2023311008	AMYLX PHARMACEUTICALS, INC.	2023322679	WISCONSIN ALUMNI RESEARCH FOUNDATION
2023311101	TURBETT SURGICAL, INC.	2023322682	IHI PLANT SERVICES CORPORATION
2023311221	21ST CENTURY MEDICINE, INC.	2023323634	RECURSION PHARMACEUTICALS, INC.
2023311380	MOLSID	2023323942	FRESENIUS KABI USA, LLC
		2023324376	MICHEL'S CORPORATION
		2023324686	BOSTON SCIENTIFIC SCIMED, INC.
		2023324694	BOSTON SCIENTIFIC SCIMED, INC.
		2023324769	SIEMENS MOBILITY, INC.
		2023325035	AMGEN INC.
		2023325051	HANGZHOU HIGHLIGHTLL PHARMACEUTICAL CO., LTD
		2023325229	H. C. STARCK TUNGSTEN GMBH
		2023325743	BRIGHT BIOLOGICS LLC
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2023331937	CYBIN IRL LIMITED
2023331978	PAUL WURTH S.A.
2023331998	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
2023336207	F. HOFFMANN-LA ROCHE AG
2023336709	JOHNSON MATTHEY DAVY TECHNOLOGIES LIMITED; BP PLC
2023336803	MYRICK PHARMA LIMITED; IMPERIAL COLLEGE INNOVATIONS LIMITED
2023337047	BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.
2023341749	JUPITER SANGYO CO., LTD.
2023341904	ATTOCHRON, LLC
2023342054	SIEMENS HEALTHCARE DIAGNOSTICS INC.
2023342231	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
2023342254	F. HOFFMANN-LA ROCHE AG
2023343134	HYDAC FILTERTECHNIK GMBH
2023343608	MANGANESE X ENERGY CORP.
2023352867	AGILENT TECHNOLOGIES, INC.
2023355867	LANDIS+GYR TECHNOLOGY, INC.
2023358345	GOOGLE LLC
2023359169	SHANDONG UNIVERSITY; CHONGQING UNIVERSITY; SHANDONG JIAOTONG UNIVERSITY; JINAN DOCER TESTING MACHINE TECHNOLOGY CO., LTD.
2023360033	INNOVATIVE BLASTING TECHNOLOGIES PTY LTD
2023364156	RIGETTI UK LIMITED; RIGETTI & CO, LLC
2023369776	TETRA LAVAL HOLDINGS & FINANCE S.A.
2023369998	F. HOFFMANN-LA ROCHE AG
2023369999	F. HOFFMANN-LA ROCHE AG
2023387695	CHINA RAILWAY 14TH BUREAU GROUP CORPORATION LIMITED; CHINA RAILWAY 14TH BUREAU GROUP MEGA SHIELD CORPORATION ENGINEERING CO., LTD.
2023399270	GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.
2023414097	BEIJING GOLDWIND SCIENCE & CREATION WIND-POWER EQUIPMENT CO., LTD.
2023422776	INDIAN FARMERS FERTILISER COOPERATIVE LIMITED
2023433480	ZHEJIANG HUAYOU COBALT CO., LTD.
2023450375	KOREA ZINC CO., LTD.; KEMCO
2023452503	KOREA ZINC CO.,LTD.; KEMCO
2024217653	HEATEN AS
2024223121	VAC STENT GMBH
2024257751	UACJ CORPORATION
2024263012	ARCUSIN S.A.
2024266258	XIAMEN HUISON BIOTECH CO., LTD
2024278583	HAINAN WALKER NEW MATERIAL TECHNOLOGY CO., LTD

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2022473861	2023305750	<u>A21D 8 /-</u>	2023331998	2023300154	2023285102
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2023284365	2023305750	<u>A23C 9 /-</u>	2023322095		2023295202
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		2023301899	<u>A47C 27 /-</u>	2023303815	2023303023
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2022460077 2023279443 2023283682 2023284357 2023285050 2023285075 2023285382 2023287805 2023291627 2023292282 2023308189 2023309859 2023309860 2023320522	<u>A61K 48 /-</u> 2023284463 2023288520 2023302099 2023303882 2023304708 2023304925	<u>A61M 15 /-</u>	2023317460	2023283838	2023287245	<u>A61P 7 /-</u>	2023284452 2023285102 2023285382 2023310071 2023321712
<u>A61K 39 /-</u>	<u>A61K 49 /-</u> 2023325035	<u>A61M 25 /-</u>	2023301397	<u>A61P 25 /-</u>	<u>A61P 35 /-</u>	<u>A61P 9 /-</u>	2023284452 2023285102 2023285382 2023310071 2023321712
2022471430 2023277589 2023279443 2023283552 2023283838 2023285050 2023286830 2023291627 2023291809 2023296568 2023302444 2023303517 2023304338 2023304423 2023307788 2023308189 2023309805 2023312054 2023320522 2023329401 2023336207	<u>A61K 51 /-</u> 2023304338 2023307461 <u>A61K 9 /-</u> 2022467882 2023283479 2023283682 2023285094 2023287805 2023290551 2023291627 2023293707 2023297127 2023301386 2023304925 2023316733 2023320558 2023321556 2023325035 2023325229	<u>A61M 5 /-</u> 2023308426 2023326190	<u>A61M 3 /-</u> 2023308426	2022464309 2023287805 2023291645 2023293647 2023293707 2023294116 2023297127 2023297855 2023302873 2023303023 2023307487 2023307538 2023311008 2023313032 2023321556 2023328411 2023331937 2023369999	2023277589 2023278401 2023279443 2023279691 2023281971 2023283552 2023283560 2023283774 2023285050 2023285094 2023286830 2023286835 2023290506 2023291977 2023296568 2023302094 2023302444 2023302462 2023302929 2023303023 2023303082 2023304338 2023304423 2023305619 2023306656 2023307461 2023307698 2023307788 2023308189 2023308528 2023309556 2023309859 2023310071 2023313328 2023315150 2023320565 2023321556 2023324686 2023328411 2023336803 2023369999	<u>A61Q 19 /-</u> 2023293647	2023284027 2023284357 2023284904 2023285075 2023297127 2023297629 2023328411
<u>A61K 41 /-</u>	2023307461	<u>A61M 2 /-</u> 2023298639 2023305879	<u>A61N 1 /-</u> 2023290673 2023305684 2023309004	<u>A61P 27 /-</u> 2023283479 2023285075 2023287805 2023292282 2023298566 2023302372 2023309008 2023318665 2023369998	<u>A61P 29 /-</u> 2023275924 2023284357 2023285382 2023303439 2023303517 2023310071 2023328411 2023369999	<u>A62D 3 /-</u> 2023295261	2023297629 2023328411
<u>A61K 45 /-</u>	<u>A61L 2 /-</u> 2023283662 2023299546 2023311101	<u>A61N 5 /-</u> 2023290673	<u>A61P 1 /-</u> 2023275924 2023283682 2023284357 2023289874 2023290551 2023291504 2023293647 2023302929 2023307538 2023328411	<u>A61P 29 /-</u> 2023275924 2023284357 2023285382 2023303439 2023303517 2023310071 2023328411 2023369999	<u>A61P 37 /-</u> 2023279917 2023283838 2023286835 2023291809 2023303517 2023310071 2023321556 2023329401	<u>A63B 21 /-</u> 2023304259	2023296568 2023302094 2023302444 2023302462 2023302929 2023303023 2023303082 2023304338 2023304423 2023305619 2023306656 2023307461 2023307698 2023307788 2023308189 2023308528 2023309556 2023309859 2023310071 2023313328 2023315150 2023320565 2023321556 2023324686 2023328411 2023336803 2023369999
2023279443 2023283774 2023285050 2023290506 2023302372 2023303439 2023313328 2023315150	<u>A61L 24 /-</u> 2023325035 2023325229	<u>A61N 1 /-</u> 2023290673 2023305684 2023309004	<u>A61P 11 /-</u> 2023275924 2023291504 2023305541 2023309805 2023309860 2023320558 2023328411	<u>A61P 3 /-</u> 2022464309 2023283682 2023294116 2023299696 2023302873 2023303023 2023307487 2023321556 2023321712 2023328411	<u>A61P 39 /-</u> 2023302372	<u>A63B 9 /-</u> 2023305620	2023296568 2023302094 2023302444 2023302462 2023302929 2023303023 2023303082 2023304338 2023304423 2023305619 2023306656 2023307461 2023307698 2023307788 2023308189 2023308528 2023309556 2023309859 2023310071 2023313328 2023315150 2023320565 2023321556 2023324686 2023328411 2023336803 2023369999
<u>A61K 47 /-</u>	<u>A61L 27 /-</u> 2023309008 2023325035 2023325229	<u>A61N 2 /-</u> 2023298639 2023305879	<u>A61P 13 /-</u> 2023284027 2023284357 2023285382 2023287696 2023291504 2023328411			<u>B01D 15 /-</u> 2023293480 2023342254	2023296568 2023302094 2023302444 2023302462 2023302929 2023303023 2023303082 2023304338 2023304423 2023305619 2023306656 2023307461 2023307698 2023307788 2023308189 2023308528 2023309556 2023309859 2023310071 2023313328 2023315150 2023320565 2023321556 2023324686 2023328411 2023336803 2023369999
2023279443 2023279691 2023283560 2023283682 2023285094 2023286830 2023287805 2023290551 2023290659 2023293707	<u>A61L 31 /-</u> 2023325035 2023325229					<u>B01D 19 /-</u> 2023311401	2023296568 2023302094 2023302444 2023302462 2023302929 2023303023 2023303082 2023304338 2023304423 2023305619 2023306656 2023307461 2023307698 2023307788 2023308189 2023308528 2023309556 2023309859 2023310071 2023313328 2023315150 2023320565 2023321556 2023324686 2023328411 2023336803 2023369999

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<u>B01D 33 /-</u>	<u>B04C 9 /-</u>	<u>B29B 17 /-</u>	<u>B62D 33 /-</u>	<u>B66B 19 /-</u>	<u>C02F 9 /-</u>
2023315998	2023296264	2022469877	2023303772	2023260507	2023292976
<u>B01D 35 /-</u>	<u>B05B 1 /-</u>	<u>B29C 33 /-</u>	<u>B62D 53 /-</u>	<u>B82Y 10 /-</u>	<u>C05C 9 /-</u>
2023315998	2022465917	2023309344	2023303772	2023302635 2023364156	2023422776
<u>B01D 37 /-</u>	<u>B05B 12 /-</u>	<u>B29C 45 /-</u>	<u>B64C 39 /-</u>	<u>B82Y 15 /-</u>	<u>C05D 1 /-</u>
2023282538 2023312178	2023303834	2023309344	2023306987	2023322670 2023322671 2023322675 2023322679	2023287648 2023322226
<u>B01D 39 /-</u>	<u>B05B 13 /-</u>	<u>B29D 11 /-</u>	<u>B64D 1 /-</u>		<u>C05D 5 /-</u>
2023312178	2023303834	2023309344	2023306987		2023287648
<u>B01D 46 /-</u>	<u>B05B 3 /-</u>	<u>B41B 21 /-</u>	<u>B64U 101 /-</u>	<u>B82Y 5 /-</u>	<u>C05D 9 /-</u>
2023316403	2023297124	2023283824	2023306987	2023307461 2023322670 2023322671 2023322675 2023322679	2023282827 2023287648 2023289022
<u>B01D 53 /-</u>	<u>B05B 7 /-</u>	<u>B42D 25 /-</u>	<u>B64U 20 /-</u>		<u>C05G 3 /-</u>
2023292976 2023299243 2023302658 2023306857 2023309723 2023311401 2023311440	2022465917	2023318141	2023306987	2023290600 2023295865	2023282827 2023287648 2023422776
	<u>B05D 1 /-</u>	<u>B60K 1 /-</u>	<u>B65D 25 /-</u>	<u>C01B 3 /-</u>	<u>C05G 5 /-</u>
	2023303834	2023299208	2023317460	2023282827 2023290600	2023287648 2023422776
<u>B01D 61 /-</u>	<u>B07C 5 /-</u>	<u>B60L 50 /-</u>	<u>B65D 3 /-</u>	<u>C01B 32 /-</u>	<u>C07C 15 /-</u>
2023304419	2023303834	2023294556 2023299208	2023318241	2023282827 2023290600	2023297855
<u>B01D 65 /-</u>	<u>B09B 3 /-</u>	<u>B60N 2 /-</u>	<u>B65D 41 /-</u>	<u>C01B 33 /-</u>	<u>C07C 211 /-</u>
2023304419	2022469877 2023298054	2023291289 2023295751 2023295816	2023369776	2023302269	2023314127
<u>B01D 67 /-</u>	2023450375	<u>B60R 22 /-</u>	<u>B65D 5 /-</u>	<u>C01D 5 /-</u>	<u>C07C 213 /-</u>
2023304419	<u>B09C 1 /-</u>	2023291289	2023318241 2023318242 2023369776	2023322226	2023305255
<u>B01D 71 /-</u>	2023295261	<u>B60W 10 /-</u>	<u>B65D 55 /-</u>	<u>C01F 11 /-</u>	<u>C07C 217 /-</u>
2023304419	<u>B21D 11 /-</u>	2023294556	2023369776	2023343608 2023450375	2023285094 2023297855
<u>B01D 9 /-</u>	2022471882	<u>B60W 40 /-</u>	<u>B65D 65 /-</u>	<u>C02F 1 /-</u>	<u>C07C 219 /-</u>
2023309816 2023343608	<u>B21D 13 /-</u>	2023294556	2023342231	2023292976 2023295261 2023296264 2023307697 2023309493 2023309816 2023311401 2023317595	2023305255
<u>B01J 12 /-</u>	<u>B23K 103 /-</u>	2023323634	<u>B65D 83 /-</u>	<u>C02F 103 /-</u>	<u>C07C 221 /-</u>
2023302658	2023304624	<u>B61K 9 /-</u>	2023306103	2023309493 2023309816	2023328411
<u>B01J 20 /-</u>	<u>B23K 26 /-</u>	2023307556	<u>B65D 85 /-</u>	<u>C02F 3 /-</u>	<u>C07C 233 /-</u>
2023306908 2023312178	2023304624	<u>B61L 23 /-</u>	2023342231	2023295261 2023309493	2023285094
<u>B01J 23 /-</u>	<u>B23K 35 /-</u>	2023307556 2023323634	<u>B65G 1 /-</u>		
2023290600	2023295628	<u>B61L 29 /-</u>	2023305771		
<u>B01J 8 /-</u>	<u>B25J 11 /-</u>	2023325743	<u>B65G 63 /-</u>		
2023331793 2023336709	2023303834	<u>B62B 7 /-</u>	2023305771		
<u>B03C 1 /-</u>	<u>B25J 9 /-</u>	2023302590	<u>B66B 11 /-</u>		
2023342054	2023303834 2023304170 2023307500	<u>B62B 9 /-</u>	2023260507		
		2023302590		2023295261 2023309493	

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<u>C07C 237 I/-</u>	<u>C07D 401 I/-</u>	<u>C07D 491 I/-</u>	<u>C07K 16 I/-</u>	2023325035 2023325229	<u>C09D 175 I/-</u>
2023285094	2023283774	2023283560			2022466266
<u>C07C 323 I/-</u>	2023286835	2023303023	2023277589	<u>C08J 5 I/-</u>	<u>C09D 4 I/-</u>
	2023302094	2023320565	2023279443		
2023285094	2023303082	<u>C07D 495 I/-</u>	2023279917	2023284365	2023283651
	2023331937		2023281971	<u>C08K 11 I/-</u>	
<u>C07C 327 I/-</u>	<u>C07D 403 I/-</u>	2023286835	2023283838		<u>C09D 5 I/-</u>
		2023289366	2023285050	2023284365	
2023285094	2023302094	2023303023	2023285340		2023306911
<u>C07C 41 I/-</u>	2023303082	<u>C07D 498 I/-</u>	2023286830	<u>C08K 5 I/-</u>	
	2023310071		2023286835		<u>C09D 7 I/-</u>
2023291367	2023324686	2023303023	2023291627	2022466266	2023295850
	2023369999	2023320565	2023303517	2023341749	2023306911
<u>C07C 43 I/-</u>	<u>C07D 405 I/-</u>	<u>C07D 513 I/-</u>	2023304338	<u>C08L 101 I/-</u>	
			2023304423		<u>C09K 23 I/-</u>
2023291367	2023302094	2023297629	2023305619	2023341749	
2023328411	2023302462	<u>C07D 519 I/-</u>	2023308189	<u>C08L 33 I/-</u>	2023302269
<u>C07C 45 I/-</u>	2023303082		2023309556		<u>C09K 3 I/-</u>
	2023324686	2023303082	2023312054	2023306911	
2023331793	<u>C07D 409 I/-</u>	2023303082	2023329401	<u>C08L 5 I/-</u>	2023295261
<u>C07C 47 I/-</u>		2023316544	2023336207		<u>C09K 8 I/-</u>
	2023324686	<u>C07F 9 I/-</u>	2023336803	2023290659	
2023331793	<u>C07D 413 I/-</u>		2023352867	<u>C08L 67 I/-</u>	2023299687
<u>C07D 209 I/-</u>		2022462454	2023369998		<u>C09K 9 I/-</u>
	2023299038	2023278401	<u>C07K 19 I/-</u>	2023284365	
2023291977	2023302462	<u>C07H 21 I/-</u>		<u>C08L 71 I/-</u>	2022466266
2023331937	2023303023		2023286835		<u>C10B 53 I/-</u>
<u>C07D 213 I/-</u>	2023310071	2023289670	2023287805	2023325035	2023282827
	2023324686	<u>C07H 7 I/-</u>	<u>C08B 37 I/-</u>	2023325229	
2023286835	2023369999			<u>C08L 75 I/-</u>	<u>C10B 57 I/-</u>
<u>C07D 215 I/-</u>	<u>C07D 417 I/-</u>	2023303439	2023284144	2022466266	2023282827
		<u>C07J 71 I/-</u>	2023290659	<u>C08L 79 I/-</u>	<u>C10G 1 I/-</u>
2023298566	2023302094		2023309008		
2023302094	2023324686	<u>C07K 1 I/-</u>	<u>C08F 2 I/-</u>	2023325035	2023309222
	2023369999			2023325051	<u>C10G 2 I/-</u>
<u>C07D 217 I/-</u>	<u>C07D 451 I/-</u>	2023282538	2023309008	2023325229	
		2023285340	<u>C08F 220 I/-</u>	<u>C08L 83 I/-</u>	2023309723
2023320331	2023303023	2023285416			<u>C10G 3 I/-</u>
<u>C07D 233 I/-</u>	<u>C07D 471 I/-</u>	2023293480	2023283651	2023325051	
		<u>C07K 14 I/-</u>	2023306911	<u>C08L 89 I/-</u>	2023309222
2023328411	2023286835		<u>C08F 265 I/-</u>		2023312141
<u>C07D 239 I/-</u>	2023291977	2022460077		2023316733	<u>C10G 45 I/-</u>
	2023302462	2022471430	2023283651	<u>C09B 11 I/-</u>	
2023305541	2023303082	2023283081	<u>C08G 18 I/-</u>		2023309723
<u>C07D 249 I/-</u>	2023305541	2023283552		2023314127	<u>C10J 3 I/-</u>
	2023313032	2023285075	2022466266	<u>C09D 11 I/-</u>	
2023305255	2023324686	2023288520	<u>C08G 69 I/-</u>		<u>C10K 1 I/-</u>
<u>C07D 261 I/-</u>	2023336803	2023291809		2023314127	
	2023369999	2023293480	2023325035	<u>C09D 13 I/-</u>	2023309723
2023299038	<u>C07D 473 I/-</u>	2023297077	2023325229		<u>C11D 1 I/-</u>
<u>C07D 263 I/-</u>		2023302099	<u>C08G 77 I/-</u>	2023318203	
	2023318665	2023306398		<u>C09D 133 I/-</u>	2023304273
2023303023	<u>C07D 487 I/-</u>	2023307698	2023325051		<u>C11D 3 I/-</u>
<u>C07D 271 I/-</u>		2023307788	<u>C08J 11 I/-</u>	2023306911	
	2023291977	2023309805		<u>C09D 15 I/-</u>	2022473729
2023309796	2023294116	2023309859	2023290600		2023304273
	2023302462	2023317655	<u>C08J 3 I/-</u>	2023306911	
<u>C07D 311 I/-</u>	2023307538	2023320522			
	2023313032	2023322670			
2023303082	2023328411	2023322671			
	2023369999	2023322675			
		2023322679			
		2023336207			

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<u>C12H 1/-</u>	2023284490		<u>D06F 73/-</u>	<u>E05B 73/-</u>	<u>F04B 39/-</u>
2023312178	2023286686	<u>C22B 21/-</u>	2023299546	2023302955	2024217653
	2023302099	2023433480			
<u>C12M 1/-</u>	2023303015		<u>D06P 5/-</u>	<u>E06B 3/-</u>	<u>F04B 53/-</u>
2023301225	2023305163	<u>C22B 26/-</u>	2023288780	2023289044	2023302512
2023304232	2023314511	2023329139			2024217653
2023322682	<u>C12P 1/-</u>	2023452503	<u>D21C 3/-</u>	<u>E21B 10/-</u>	<u>F04C 29/-</u>
<u>C12N 1/-</u>	2023305163	<u>C22B 3/-</u>	2023295261	2023324769	2023302512
2023283419	<u>C12P 13/-</u>	2023329139	<u>D21C 9/-</u>	<u>E21B 17/-</u>	<u>F15B 1/-</u>
2023289874		2023433480			
2023305163	2023280554	2023452503	2023295261	2022477858	2023309816
2023309805	2023283419	<u>C22B 47/-</u>	<u>E01D 19/-</u>	2022477859	
2024266258	<u>C12P 19/-</u>			2023314602	<u>F15B 15/-</u>
<u>C12N 11/-</u>		2023329139	2023288933	<u>E21B 21/-</u>	2023309816
2023274453	2023283080	<u>C22B 59/-</u>	<u>E02D 1/-</u>	2023285635	<u>F16B 2/-</u>
	2023284144				
<u>C12N 15/-</u>	2023284490	2023433480	2023297692	<u>E21B 34/-</u>	2023305620
	<u>C12P 21/-</u>	<u>C22C 21/-</u>	<u>E02D 27/-</u>	2023285635	<u>F16G 3/-</u>
2022467248					
2023283081	2023304423	2024257751	2023307574	<u>E21B 4/-</u>	2023313372
2023283419	<u>C12P 5/-</u>	<u>C22F 1/-</u>	<u>E02D 31/-</u>	2023285635	<u>F16J 1/-</u>
2023284144					
2023284396	2023305163	2024257751	2023307574	<u>E21B 41/-</u>	2023309816
2023284452	<u>C12P 7/-</u>	<u>C25B 1/-</u>	<u>E02D 37/-</u>	2022477858	<u>F17C 13/-</u>
2023284463				2022477859	
2023285094	2023280554	2023284373	2023307574	2023360033	2023324376
2023285102	2024266258	2023303893	<u>E02F 5/-</u>	<u>E21B 43/-</u>	<u>F21V 8/-</u>
2023285359	<u>C12Q 1/-</u>	2023309723			
2023286686		2023311440	2023297124	2022477858	2023289044
2023289670	2023281908	2023329139	<u>E02F 9/-</u>	2023299687	
2023290692	2023305836	<u>C25B 15/-</u>			<u>F24H 1/-</u>
2023297077	2023308269		2022468784	<u>E21B 44/-</u>	2023301487
2023299696	2023309256	2023303893	<u>E03D 5/-</u>	2023304277	<u>F24H 15/-</u>
2023302099	2023311380	<u>C25B 9/-</u>		<u>E21B 47/-</u>	2023301487
2023302444	2023322670	2023303893	2023296264	2023304277	<u>F25D 17/-</u>
2023303882	2023322671	<u>D01D 5/-</u>	<u>E04B 1/-</u>	2023360033	
2023304338	2023322675				<u>F25D 19/-</u>
2023304423	2023322679		2022462995	<u>E21B 49/-</u>	2023289297
2023304708	2023322682	2023295261	2023282944		
2023304925	<u>C12R 1/-</u>	<u>D01F 9/-</u>	2023307500	2023297692	<u>F25D 19/-</u>
2023307698		2023290600	<u>E04B 5/-</u>	2023307252	2023322612
2023307788	2023283419	<u>D06B 23/-</u>		<u>E21B 7/-</u>	<u>F25D 23/-</u>
2023309805	2023289874		2022462995		2023322612
2023309859	2023309805	2023288780	<u>E04C 3/-</u>	2023307252	<u>F27B 1/-</u>
2023314511	2024266258	<u>D06B 5/-</u>		2023324769	2022466288
2023342054	<u>C13B 50/-</u>	2023288780	2022462995	<u>E21D 13/-</u>	2023331978
2023342254		<u>D06B 9/-</u>	<u>E04F 17/-</u>	2023360033	<u>F27B 7/-</u>
<u>C12N 5/-</u>	<u>C21B 5/-</u>	2023288780			2022466288
2022467248		<u>D06B 9/-</u>	<u>E04G 21/-</u>	<u>E21D 9/-</u>	2023331978
2023283552	2023331978	2023288780		2023360033	
2023284396	<u>C21B 7/-</u>	<u>D06F 39/-</u>	2023307500	<u>F02B 63/-</u>	2022466288
2023285359		2023299546	<u>E04H 12/-</u>	2023284373	<u>F28C 1/-</u>
2023302146	<u>C21D 8/-</u>	<u>D06F 58/-</u>		<u>F03D 13/-</u>	2023289297
2023304232		2023299546			2023316403
2023314511	<u>C22B 1/-</u>				
<u>C12N 7/-</u>		2023299546			
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2023284396					
<u>C12N 9/-</u>	2023306415				
2023280554					
2023283080					
2023284144					

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2023289297								<u>H02J 7 /-</u>
<u>F28D 15 /-</u>		<u>G06F 119 /-</u>		<u>G06T 13 /-</u>		<u>G16H 50 /-</u>		2023308729
2023308166		2023399270		2023305022 2023310357		2023308312		<u>H02K 47 /-</u>
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2023289297		2022467392 2023310357		2023301792		2023308166		<u>H02M 1 /-</u>
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2023309338		2023283474 2023308202		2023310357		2023308166		<u>H02M 7 /-</u>
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2023309338	2023306987	<u>G06F 3 /-</u>		2023305021 2023310357		2023308166		<u>H02P 25 /-</u>
<u>G01B 5 /-</u>	<u>G01P 5 /-</u>	2022471242 2023308312 2023310357 2023311650		<u>G06T 7 /-</u>		<u>H01B 1 /-</u>		2024278583
2023360033	2023306987			2023283707 2023301792 2023305021 2023306987		2023286086		<u>H02P 5 /-</u>
<u>G01C 19 /-</u>	<u>G01R 19 /-</u>	<u>G06F 30 /-</u>		<u>G06V 10 /-</u>		<u>H01G 11 /-</u>		2024278583
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2023287680	2023296639 2023301420	2023305022		2023310357		2023302635		<u>H03L 5 /-</u>
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2023308639	2023307252	2023358345 2023364156		<u>G06V 40 /-</u>		2023288165 2023305578 2023305728 2023308729 2023315820 2023329139 2023452503		<u>H04B 10 /-</u>
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2023290505 2023304340	2023302160	2023310357		<u>G08B 21 /-</u>				<u>H04L 12 /-</u>
	<u>G02B 27 /-</u>	<u>G06Q 10 /-</u>		2023387695		2022466957 2023329139		2023303401
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2023284478	2023310152			2023302955		2023288165 2023305578 2023307687		2023321309
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	<u>G05D 1 /-</u>			2023286518		2023355867		<u>H04L 9 /-</u>
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						2023308729		

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A61K 31/496 (2006.01)
A61P 43/00 (2006.01)
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A61M 5/142 (2006.01)
A61M 5/145 (2006.01)
A61M 5/158 (2006.01)
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F03D 7/00 (2006.01)
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C07K 19/00 (2006.01)
C12N 5/10 (2006.01)
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C12Q 1/68 (2018.01)
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A47C 20/00 (2006.01)
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G01N 21/958 (2006.01)
B60R 25/30 (2013.01)
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H01H 13/60 (2006.01)
H01H 3/12 (2006.01)
H01H 3/46 (2006.01)
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A61K 35/00 (2006.01)
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A61K 38/43 (2006.01)
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B65D 25/20 (2006.01)
B65D 81/02 (2006.01)
B67D 7/14 (2010.01)
G01B 11/02 (2006.01)
G01B 11/14 (2006.01)
G01S 17/08 (2006.01)
G16Y 20/10 (2020.01)
H04W 4/02 (2018.01)
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A61L 27/22 (2006.01)
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G07F 7/10 (2006.01)
G06K 7/00 (2006.01)
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G06Q 20/20 (2012.01)
G06Q 20/32 (2012.01)
G07F 7/08 (2006.01)
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C02F 3/12 (2006.01)
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B01D 63/02 (2006.01)
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H02S 40/22 (2014.01)
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C09J 101/02 (2006.01)
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C02F 1/44 (2006.01)
B01D 61/02 (2006.01)
B01D 61/12 (2006.01)
E21B 43/20 (2006.01)
C02F 103/08 (2006.01)
C02F 103/10 (2006.01)
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A61B 6/00 (2006.01)
A61B 6/03 (2006.01)
A61K 51/04 (2006.01)
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B60N 2/28 (2006.01)
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(51) Int. Cl.
B07B 1/48 (2006.01)
B07B 4/02 (2006.01)
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G06F 3/0484 (2022.01)
G06F 3/04883 (2022.01)
G06F 3/04886 (2022.01)
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A61N 1/36 (2006.01)
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A61K 39/00 (2006.01)
C12Q 1/6869 (2018.01)
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C12Q 1/6886 (2018.01)
G01N 33/50 (2006.01)
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(51) Int. Cl.
G03G 21/16 (2006.01)
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(54) Cartridge and image forming apparatus
(51) Int. Cl.
G03G 21/18 (2006.01)
G03G 15/08 (2006.01)
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(54) Systems and methods for processing designs
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G06F 40/106 (2020.01)
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G06Q 20/34 (2012.01)
G06Q 20/38 (2012.01)
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A61M 5/19 (2006.01)
A61M 5/20 (2006.01)
A61M 5/24 (2006.01)
A61M 5/28 (2006.01)
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(54) Antimicrobial needleless connector or catheter
(51) Int. Cl.
A61M 39/26 (2006.01)
A61M 39/10 (2006.01)
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A61M 39/24 (2006.01)
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A01H 5/10 (2018.01)
C07K 14/415 (2006.01)
C12N 9/10 (2006.01)
C12N 15/82 (2006.01)
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G03B 17/14 (2021.01)
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B60W 60/00 (2020.01)
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B66C 13/18 (2006.01)
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H04W 12/06 (2021.01)
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C09D 7/65 (2018.01)
D21H 17/00 (2006.01)
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(54) INVERTED DISPENSING CONTAINER
(51) Int. Cl.
B65D 25/48 (2006.01)
B65D 47/12 (2006.01)
(87) WO2022/192835
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(43) 15.09.2022
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(72) TATU, Francis; BALAMUCKI, Brian; BARTLETT, Mark; PETERS, Daniel; CHEN, Xi; LIANG, Shihui
(74) Spruson & Ferguson

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(54) SYSTEMS AND METHODS FOR AUTOMATICALLY TESTING A NETWORK SWITCH
(51) Int. Cl.
H04L 43/50 (2022.01)
H04L 43/0888 (2022.01)
H04L 12/10 (2006.01)
H04L 12/46 (2006.01)
H04L 43/0817 (2022.01)
(87) WO2023/081337
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(72) GILLINGS, Daniel, Philip
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(71) CONCEALFAB, INC. (11) AU-B-2022335261 (21) 2022335261 (22) 14.06.2022 (54) LOW-PIM DUAL PIPE CLAMP FOR CELLULAR BASE STATION ANTENNA SITES (51) Int. Cl. F16B 7/04 (2006.01) F16B 7/18 (2006.01) H01Q 1/12 (2006.01) E04H 12/20 (2006.01) (87) WO2023/027796 (31) 63/236,372 (32) 24.08.21 (33) US (43) 02.03.2023 (44) 23.01.2025 (72) STRISHOCK, Wayne (74) IPiphany Limited	(71) Cour Pharmaceuticals Development Company Inc. (11) AU-B-2019216747 (21) 2019216747 (22) 08.02.2019 (54) Treatment of Celiac Disease with tolerizing particles (51) Int. Cl. A61K 9/14 (2006.01) A61K 9/127 (2006.01) A61K 9/16 (2006.01) A61K 39/35 (2006.01) A61K 39/385 (2006.01) (87) WO2019/157282 (31) 62/628,233 (32) 08.02.18 (33) US (43) 15.08.2019 (44) 23.01.2025 (72) GETTS, Daniel R. (74) Davies Collison Cave Pty Ltd	(71) Daikin Industries, Ltd. (11) AU-B-2021313596 (21) 2021313596 (22) 21.07.2021 (54) Failure identification and handling method, and system (51) Int. Cl. G06Q 10/00 (2012.01) (87) WO2022/019324 (31) 202010709092.6 (32) 22.07.20 (33) CN (43) 27.01.2022 (44) 23.01.2025 (72) PAN, Si (74) Spruson & Ferguson
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E04H 15/48 (2006.01)
E04H 15/06 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd

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(51) Int. Cl.
G06N 3/04 (2023.01)
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(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) DEEPCURE INC.
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(54) ELECTRODE DEVICE FOR BLOCKING OR CONTROLLING NERVES IN BODY
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A61B 18/14 (2006.01)
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(74) Baxter Patent Attorneys Pty Ltd

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H04L 47/56 (2022.01)
H04H 20/95 (2008.01)
H04L 47/283 (2022.01)
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A61C 9/00 (2006.01)
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(72) KUCHARCZYK, Ronny; VOSS, Björn
(74) Patent Attorney Services

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B07B 1/46 (2006.01)
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(72) Demay, Alex; Stodolka, Kurt
(74) PHILLIPS ORMONDE FITZPATRICK

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(74) AJ PARK

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A61B 5/145 (2006.01)
A61B 5/00 (2006.01)
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G06F 9/30 (2018.01)
G06F 9/455 (2018.01)
G06Q 20/38 (2012.01)

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(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Digital Diagnostics Inc.
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A61B 3/10 (2006.01)

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A61K 31/282 (2006.01)
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(71) Dizal (Jiangsu) Pharmaceutical Co., Ltd.

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(54) ERBB/BTK INHIBITORS
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C07D 239/48 (2006.01)
A61K 31/505 (2006.01)
A61K 31/506 (2006.01)
A61P 9/02 (2006.01)
A61P 17/00 (2006.01)
A61P 35/02 (2006.01)
A61P 37/02 (2006.01)
C07D 401/12 (2006.01)
C07D 487/00 (2006.01)

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(54) Method for erecting a concrete structure and climbing formwork
(51) Int. Cl.

E04G 11/28 (2006.01)
E04B 1/35 (2006.01)
E04G 11/24 (2006.01)
E04G 17/00 (2006.01)
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(51) Int. Cl.
G06F 16/23 (2019.01)
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C21B 5/00 (2006.01)
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C22B 15/00 (2006.01)
C22B 19/02 (2006.01)
C22B 26/20 (2006.01)

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(71) DORMAKABA SCHWEIZ AG

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(54) ELECTROMECHANICAL LOCKING DEVICE
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E05B 15/04 (2006.01)
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cleaning method using said road
sweeper

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E21C 41/00 (2006.01)
F42D 1/12 (2006.01)
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F24F 11/36 (2018.01)
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B64C 29/02 (2006.01)
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G06V 20/20 (2022.01)
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F24H 7/00 (2006.01)
C09K 5/14 (2006.01)
F28D 20/00 (2006.01)
F28F 21/02 (2006.01)
H02S 40/38 (2014.01)
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A61K 38/08 (2019.01)
A61P 37/06 (2006.01)
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H04N 21/41 (2011.01)
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C08G 77/20 (2006.01)
C08L 33/04 (2006.01)
C08L 63/00 (2006.01)
C08L 83/04 (2006.01)
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 A61K 31/4985 (2006.01)
 A61P 25/00 (2006.01)
 C07B 57/00 (2006.01)
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 B66B 5/00 (2006.01)
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 A47L 11/40 (2006.01)
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 (51) Int. Cl.
 C07F 15/00 (2006.01)
 C08F 8/00 (2006.01)
 C08F 8/42 (2006.01)
 C08F 226/06 (2006.01)
 C12Q 1/28 (2006.01)
 C12Q 1/32 (2006.01)
 C12Q 1/44 (2006.01)
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 A61F 5/02 (2006.01)
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 C06B 33/00 (2006.01)
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 E04C 2/16 (2006.01)
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A61K 8/31 (2006.01)
A61K 8/34 (2006.01)
A61K 8/37 (2006.01)
A61K 8/891 (2006.01)
A61Q 5/00 (2006.01)
A61Q 5/06 (2006.01)
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A61K 8/31 (2006.01)
A61K 8/34 (2006.01)
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A61Q 5/00 (2006.01)
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G05B 13/04 (2006.01)
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G01L 1/18 (2006.01)
G01L 5/161 (2020.01)
G08C 23/04 (2006.01)
H04B 10/80 (2013.01)
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C25B 1/04 (2021.01)
C25B 1/02 (2006.01)
C25B 9/60 (2021.01)
C25B 15/02 (2021.01)
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H01M 10/48 (2006.01)
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H02J 7/00 (2006.01)
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B62D 5/087 (2006.01)
B62D 6/00 (2006.01)
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B67D 9/00 (2010.01)
B63B 27/34 (2006.01)
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A61K 31/404 (2006.01)
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F16B 39/12 (2006.01)
F16L 19/00 (2006.01)
F16L 19/06 (2006.01)
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A41G 5/00 (2006.01)
A41G 5/02 (2006.01)
A45D 40/30 (2006.01)
C09J 7/00 (2018.01)
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B07C 5/342 (2006.01)
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B64C 39/02 (2023.01)
B64U 70/70 (2023.01)
B64U 80/70 (2023.01)
F41B 11/80 (2013.01)
F41F 7/00 (2006.01)
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C05G 3/00 (2020.01)
A01N 25/00 (2006.01)
A01N 25/12 (2006.01)
A01N 25/26 (2006.01)
A01N 25/30 (2006.01)
A01N 59/02 (2006.01)
C01C 1/24 (2006.01)
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E04H 12/10 (2006.01)
F03D 13/10 (2016.01)
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F03D 13/40 (2016.01)
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A61K 6/887 (2020.01)
A61C 13/00 (2006.01)
A61K 6/889 (2020.01)
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A01H 1/08 (2006.01)
A01H 6/46 (2018.01)
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H04W 24/04 (2009.01)
H04W 84/18 (2009.01)
H04W 24/08 (2009.01)
H04W 40/14 (2009.01)
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(51) Int. Cl.
H04L 69/00 (2022.01)
G06F 21/44 (2013.01)
H04W 12/00 (2009.01)
H04L 12/46 (2006.01)
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C12N 15/74 (2006.01)
C12N 1/20 (2006.01)
C12N 9/02 (2006.01)
C12N 9/06 (2006.01)
C12N 9/10 (2006.01)
C12N 9/88 (2006.01)
C12N 15/52 (2006.01)
C12P 7/18 (2006.01)

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(74) SR Intellectual Property

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(54) Reality capture with a laser scanner and a camera

(51) Int. Cl.

G01S 17/02 (2020.01)

G01S 7/48 (2006.01)

G01S 17/89 (2020.01)

(43) 06.07.2023

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(51) Int. Cl.

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A61B 3/00 (2006.01)

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(21) 2020345844

(71) LG Electronics Inc.

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(21) 2021229880 (22) 25.02.2021

(54) Laundry dryer and method for controlling laundry dryer

(51) Int. Cl.

D06F 58/45 (2020.01)

D06F 33/69 (2020.01)

D06F 58/20 (2006.01)

D06F 58/24 (2006.01)

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(44) 23.01.2025

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(74) Dentons Patent Attorneys Australasia Limited

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(21) 2023202252 (22) 12.04.2023

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(51) Int. Cl.

F25C 1/24 (2018.01)

F25C 1/18 (2006.01)

F25C 1/25 (2018.01)

F25C 5/08 (2006.01)

(43) 04.05.2023

(44) 23.01.2025

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(11) AU-B-2023214380

(21) 2023214380 (22) 11.08.2023

(54) Refrigerator

(51) Int. Cl.

F25D 23/02 (2006.01)

F25D 23/08 (2006.01)

(43) 31.08.2023

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F25D 23/02 (2006.01)

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H04N 19/573 (2014.01)

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H04N 19/174 (2014.01)

H04N 19/176 (2014.01)

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D06F 58/46 (2020.01)

D06F 33/70 (2020.01)

D06F 34/26 (2020.01)

D06F 58/08 (2006.01)

D06F 58/20 (2006.01)

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D06F 58/26 (2006.01)

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D06F 58/08 (2006.01)

H01R 4/66 (2006.01)

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F24C 15/00 (2006.01)

A47J 37/06 (2006.01)

F24C 7/04 (2021.01)

F24C 7/06 (2006.01)

F24C 15/02 (2006.01)

F24C 15/08 (2006.01)

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C12P 19/18 (2006.01)
C12Q 1/26 (2006.01)
C12Q 1/6806 (2018.01)
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E04B 5/14 (2006.01)
E04G 21/14 (2006.01)
E04H 1/00 (2006.01)
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A61B 34/30 (2016.01)
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A61K 31/495 (2006.01)
A61K 31/505 (2006.01)
A61K 31/519 (2006.01)
C07D 487/00 (2006.01)
C07D 487/02 (2006.01)
C07D 487/04 (2006.01)
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A61K 31/437 (2006.01)
A61K 31/4375 (2006.01)
C07D 231/02 (2006.01)
C07D 471/04 (2006.01)
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G06F 3/01 (2006.01)
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G06Q 50/26 (2012.01)
G06V 40/16 (2022.01)
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G01S 15/89 (2006.01)
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F04D 25/16 (2006.01)
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B60R 21/264 (2006.01)
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A61K 31/12 (2006.01)
A61K 45/06 (2006.01)
A61P 25/28 (2006.01)
C07F 9/6561 (2006.01)

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C12N 5/077 (2010.01)
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A61B 17/17 (2006.01)
A61B 17/68 (2006.01)
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E02B 17/00 (2006.01)
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B64C 39/02 (2006.01)
G01C 21/00 (2006.01)
G05D 1/00 (2006.01)
H04W 64/00 (2009.01)
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A61F 6/00 (2006.01)
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A61F 6/08 (2006.01)
A61F 13/26 (2006.01)
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A61K 31/436 (2006.01)
A01K 67/027 (2006.01)
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F04D 25/08 (2006.01)
F04D 29/02 (2006.01)
F04D 29/52 (2006.01)
F04D 29/54 (2006.01)
F04D 29/64 (2006.01)
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C07D 417/04 (2006.01)
A61K 31/54 (2006.01)
A61P 25/18 (2006.01)
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F21V 21/28 (2006.01)
F04D 17/08 (2006.01)
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B66F 11/04 (2006.01)
E01C 19/26 (2006.01)
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B60T 8/172 (2006.01)
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C12N 15/113 (2010.01)
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G01S 17/04 (2020.01)
B60W 30/09 (2012.01)
B60W 60/00 (2020.01)
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A61K 38/48 (2006.01)
A23L 29/30 (2016.01)
A23L 33/10 (2016.01)
A61K 38/43 (2006.01)
A61K 38/46 (2006.01)
A61K 38/47 (2006.01)
A61K 47/40 (2006.01)
A61P 1/14 (2006.01)
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H04M 1/02 (2006.01)
G06F 1/16 (2006.01)
H04M 1/22 (2006.01)
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H04M 1/02 (2006.01)
F16C 11/04 (2006.01)
G06F 1/16 (2006.01)
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G06V 20/40 (2022.01)
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 B64C 39/02 (2023.01)
 B66D 1/12 (2006.01)
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 C07D 401/12 (2006.01)
 A61K 31/4439 (2006.01)
 A61P 1/00 (2006.01)
 A61P 3/00 (2006.01)
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 A61P 11/06 (2006.01)
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 A61P 9/10 (2006.01)
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 A61P 27/06 (2006.01)
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B32B 13/04 (2006.01)

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F21V 19/00 (2006.01)

F21V 19/02 (2006.01)

F21V 23/00 (2015.01)

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C12N 5/10 (2006.01)

C12N 15/13 (2006.01)

C12N 15/85 (2006.01)

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H04W 72/12 (2023.01)
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H04L 5/00 (2006.01)
H04B 7/06 (2006.01)
H04W 24/02 (2009.01)
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2018394151	Carlsberg A/S	2019256584	Tseti, I.
2018394928	Bellerophon Pulse Technologies LLC	2019257374	Schneider Electric Industries SAS
2018395100	Zhuhai Trinomab Pharmaceutical Co., Ltd.	2019257990	Procure Health Iberia, S.L.
2018404855	KIM, B.	2019259357	Nippon Paper Industries Co., Ltd.
2018411527	Symrise AG	2019261083	Orizuru Therapeutics, Inc.
2018424263	Halliburton Energy Services, Inc.	2019261394	Gojo Industries, Inc.
2018428607	NUSEED NUTRITIONAL US INC.	2019261782	The Boeing Company
2018428866	Halliburton Energy Services, Inc.	2019261897	Edwards Lifesciences Corporation
		2019261976	Oric Pharmaceuticals, Inc.

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2019262643	Align Technology, Inc.	2019352901	WearOptimo Pty Ltd
2019262677	Paragon 28, Inc.	2019359395	CareFusion 303, Inc.
2019262890	GCP Applied Technologies Inc.	2019359894	Source Global, PBC
2019264343	Societe des Produits Nestle S.A.	2019360153	Climate LLC
2019265852	Gelteq Limited	2019360184	CareFusion 303, Inc.
2019268152	The Boeing Company	2019360553	BASF SE
2019270338	Maschinenfabrik Reinhausen GmbH	2019361964	Dana-Farber Cancer Institute, Inc.
2019270648	MEDICAL MICROINSTRUMENTS, INC.	2019362770	Bristol-Myers Squibb Company
2019273039	FinCo Services, Inc.	2019364532	Cala Health, Inc.
2019273664	Alfasigma S.p.A.	2019365219	Climate LLC
2019275597	The Boeing Company	2019365650	ViaSat, Inc.
2019276092	Machover, D.	2019366302	BL Technologies, Inc.
2019279949	Aurora Flight Sciences Corporation	2019366767	Société des Produits Nestlé S.A.
2019280044	The Boeing Company	2019368263	Dana-Farber Cancer Institute, Inc.
2019280447	Cylite Pty Ltd	2019373267	Adfil N.V.
2019280909	NovaGray	2019373573	Givaudan SA
2019281117	Nokian Renkaat Oyj	2019375541	Unilin BV
2019281221	BP Exploration Operating Company Limited	2019377079	Inspired Material Strategies, LLC
2019282769	Smiths Medical ASD, Inc.	2019378119	Coatex
2019284130	Dometic Sweden AB	2019388631	CareFusion 303, Inc.
2019285062	Fresenius Medical Care Holdings, Inc.	2019389807	Fondazione Centro San Raffaele
2019286552	Primetals Technologies Austria GmbH	2019390723	Ethicon, Inc.
2019289932	BASF Agro B.V.	2019394366	Sensortine Pty Ltd
2019290926	Societe des Produits Nestle S.A.	2019394853	Landis+Gyr Technology, Inc.
2019291980	My Jove Corporation	2019395093	Radius Pharmaceuticals, Inc.
2019294551	Manneschi, A.	2019395691	Hilti Aktiengesellschaft
2019295730	Etherdyne Technologies, Inc.	2019397612	Alcon Inc.
2019297499	Borregaard AS	2019398673	Vogelsang GmbH & Co. KG
2019297911	Sapporo Medical University; Nipro Corporation	2019402099	Lunella Biotech, Inc.
2019299319	ACTEGA North America Technologies, Inc.	2019403048	Lunella Biotech, Inc.
2019300515	Richter Gedeon Nyrt.	2019403054	Itron, Inc.
2019300685	Engender Technologies Ltd.	2019404202	Advanced Construction Robotics, Inc.
2019301271	CHAPLIN, S.R.F.	2019406664	Amsted Rail Company, Inc.
2019301755	A-Dec, Inc.	2019407799	Société des Produits Nestlé S.A.
2019305036	Illumina, Inc.; Illumina Cambridge Limited	2019408409	Deutsches Zentrum für Luft- und Raumfahrt e.V.
2019308280	Server Technology, Inc.	2019418963	China Petroleum & Chemical Corporation; Dalian Research Institute Of Petroleum And Petrochemicals, Sinopec Corp.
2019309167	H2VR HoldCo, Inc.	2019419421	Cohere Technologies, Inc.
2019309370	Schlage Lock Company LLC	2019424115	Dulevo International S.p.A.
2019311182	Schlumberger Technology B.V.	2019429616	Pro-Flo AS
2019311295	H2VR HoldCo, Inc.	2019438487	Acciona Generación Renovable, S.A.; Sentient Science Corporation
2019311311	Vendrell Vila, R.	2019438529	Genergo S.r.l.
2019311821	SABIC Agri-Nutrients Company	2019474922	General Mills, Inc.
2019312473	Haug, T.	2020200847	CATERPILLAR INC.
2019319737	Kop-Coat, Inc.	2020201053	The Boeing Company
2019319745	The Board of Trustees of the Leland Stanford Junior University	2020201483	The Boeing Company
2019320488	Naturex S.A.	2020203804	A. Raymond Et Cie
2019320493	Electrolux Appliances Aktiebolag	2020204874	Comre IP Pty Ltd
2019321289	Beijing Percans Oncology Co. Ltd.	2020205517	Toppan Printing Co., Ltd.
2019321593	The Regents of the University of California	2020205848	Graphite Solar Power Pty Limited
2019324330	MannKind Corporation	2020205931	Isol8 (Holdings) Limited
2019324420	AuRoCon A/S	2020207377	Oregon Health & Science University
2019325651	Etherdyne Technologies, Inc.	2020207472	ZTE Corporation
2019328528	Intra-Cellular Therapies, Inc.	2020209886	Axeen Pharma S.A.R.L.
2019331652	Aprofol AG	2020212111	Keythera (Suzhou) Pharmaceuticals Co. Ltd.
2019332779	NatureWorks LLC	2020215020	Kucic, J.
2019334965	Case Western Reserve University	2020215193	Dentsply Sirona Inc.; Sirona Dental Systems GmbH
2019336340	Nok Participações Ltda; Minas Pack Filmes E Embalagens Ltda	2020218185	Genzyme Corporation
2019336344	Raz Design Inc.	2020218373	Battelle Memorial Institute
2019337805	RAI Strategic Holdings, Inc.	2020218908	Albireo AB
2019339588	Giesecke+devrient Currency Technology GmbH	2020219049	Tricam Industries, Inc.
2019339591	ABB Schweiz AG	2020221689	Guariglia, D.
2019339612	Champion Link International Corporation	2020222814	Caterpillar Inc.
2019340010	ABB Schweiz AG	2020223193	Amantsy, Inc.
2019343330	University of Southampton; The University of Western Australia	2020226723	Janssen Pharmaceutica NV
2019345061	Avedro, Inc.	2020227190	ETH Zurich
2019348522	Société Des Produits Nestlé SA	2020229360	Oticara, Inc.
2019350264	Bayer Aktiengesellschaft	2020229883	Geerdink, R.
2019350444	Société Des Produits Nestlé SA	2020230855	Central Queensland University; Insyte Solutions Pty Ltd
2019350489	Generac Power Systems, Inc.	2020230858	Wireman Pty Limited

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2020231622	ISICO s.r.l.; Tessadri, F.	2021282455	The Regents of the University of Colorado, a body corporate
2020232594	Loria Products LLC	2021286427	Hemanext Inc.
2020233609	Shopify Inc.	2021296672	CJ CheilJedang Corporation
2020233798	Caterpillar Inc.	2021296841	Gilead Sciences, Inc.
2020234063	Oxford University Innovation Limited	2021313596	Daikin Industries, Ltd.
2020241954	TerraPower, LLC	2021322743	Telefonaktiebolaget LM Ericsson (Publ)
2020245261	Precision Planting LLC	2021327407	Kiss Nail Products, Inc.
2020247193	Essilor International	2021336000	LG ELECTRONICS INC.
2020249088	Herrenknecht Aktiengesellschaft	2021336023	Bühler Insect Technology Solutions AG
2020249999	Eni S.p.A.	2021339452	LG ELECTRONICS INC.
2020252840	Chugai Seiyaku Kabushiki Kaisha	2021343023	CANON KABUSHIKI KAISHA
2020257229	A-dec, Inc.	2021343565	VICTAMAX LIMITED
2020262767	Kuraray Noritake Dental Inc.	2021348927	SISSEL INTERNATIONAL GMBH
2020263295	R.P. Scherer Technologies, LLC	2021365815	ARRAY TECHNOLOGIES, INC.
2020264530	XII Medical, Inc.; The Cleveland Clinic Foundation	2021373552	POWER MANAGEMENT HOLDINGS (U.S.), INC.
2020267196	Angel Group Co., Ltd.	2021373578	Boston Scientific Neuromodulation Corporation
2020267745	Landis+Gyr Technology, Inc.	2021374038	CHARITÉ - UNIVERSITAETSMEDIZIN BERLIN
2020268399	Genentech, Inc.	2021375632	THE YOKOHAMA RUBBER CO., LTD.
2020268901	Genesys Cloud Services, Inc.	2021377382	INVENTIO AG
2020269308	NTT DOCOMO, INC.	2021378837	RANPAK CORP.
2020269495	Open Energi Limited	2021379587	AIRTECH INTERNATIONAL, INC.
2020269974	Pyramid Innovation Ltd	2021380264	SONY GROUP CORPORATION; SONY SEMICONDUCTOR SOLUTIONS CORPORATION
2020273186	Agilent Technologies, Inc.	2021388041	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
2020273716	Hulka S.r.l.	2021390456	ENVOY MEDICAL CORPORATION
2020275062	Aesculap AG	2021393787	WONDERLAND SWITZERLAND AG
2020275304	University of Houston System; Trustees of Tufts College; Institute for Cancer Research d/b/a the Research Institute of Fox Chase Cancer Center	2021396245	ELC MANAGEMENT LLC
2020284603	Zodiac Pool Care Europe	2021396550	BAMBINO PREZIOSO SWITZERLAND AG
2020285360	Animal Ethics Pty Ltd	2021397214	GENENTECH, INC.
2020285469	Clarity Pharmaceuticals Limited	2021405412	APALOO GMBH
2020291043	GRST International Limited	2021408621	XINJIANG GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.
2020307351	Zodiac Pool Care Europe	2021408983	KAWASAKI JUKOGYO KABUSHIKI KAISHA
2020308337	Cisco Technology, Inc.	2021409842	CJ CHEILJEDANG CORPORATION
2020308562	Align Technology, Inc.	2021410067	BAKER HUGHES OILFIELD OPERATIONS LLC
2020315673	Celltrion, Inc.	2021410085	UOP LLC
2020330299	Garrick, G.A.L.	2021415813	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
2020331884	Takeda Vaccines, Inc.	2021418658	Huawei Technologies Co., Ltd.
2020333516	Toddy Tech, LLC	2021419346	SEKISUI HOUSE, LTD.; NIPPON STEEL CORPORATION
2020340618	Novartis AG	2021420357	HUAWEI TECHNOLOGIES CO., LTD.
2020345844	Preformed Line Products Co.; Briskey, A.; Levack, D.; Johnson, D.; Jones, J.; Ma, M.; Becker, M.	2021422201	BEIJING JINGKELUN ENGINEERING DESIGN AND RESEARCH INSTITUTE CO., LTD.
2020357502	Gilead Sciences, Inc.	2021422540	KABUSHIKI KAISHA TOSHIBA; TOSHIBA ENERGY SYSTEMS & SOLUTIONS CORPORATION
2020364236	Itron Global SARL	2021426845	CHANNEL MEDSYSTEMS, INC.
2020364691	Asahi Group Holdings, Ltd.; Asahi Breweries, Ltd.	2021426995	HUAWEI TECHNOLOGIES CO., LTD.
2020366257	Diverse Biotech, Inc.	2021427505	SUNRISE TECHNOLOGIES CO., LTD.
2020379920	Alzchem Trostberg GmbH	2021427544	BERKER GMBH & CO. KG
2020387403	Johnson Controls Tyco IP Holdings LLP	2021428584	DÜHLMAYER, M.
2020402526	Inscripta, Inc.	2021429850	MITSUBISHI ELECTRIC CORPORATION
2020414353	Raytheon Company	2021436167	WUHAN VAST CONDUCT SCIENCE FOUNDATION CO., LTD.
2020465910	Longi Solar Technology (Taizhou) Co., Ltd.	2021443409	ENATEL
2021204767	Sanofi Biotechnology; Regeneron Pharmaceuticals, Inc.	2021445017	BOLYMEDIA HOLDINGS CO. LTD.
2021210192	Glatfelter Holding (Switzerland) AG	2021451070	HENAN YUEXIN INTELLIGENT MACHINERY CO., LTD
2021211129	Topgolf Sweden AB	2021452636	HENAN YUEXIN INTELLIGENT MACHINERY CO., LTD
2021218215	Sami Labs Limited	2021454777	BARD PERIPHERAL VASCULAR, INC.
2021219886	Beijing Immunochina Pharmaceuticals Co., Ltd.	2021456078	DEEPCURE INC.
2021221579	Bhatnagar, R.	2021466253	ZHEJIANG CFMOTO POWER CO., LTD.
2021221690	Illinois Tool Works Inc.	2021466439	ZTE CORPORATION
2021222108	Novige AB	2021467047	ZTE CORPORATION
2021229402	Chongqing University	2022200099	Translate Bio, Inc.
2021229880	LG Electronics Inc.	2022201052	The Broad Institute, Inc.; Massachusetts Institute of Technology
2021238305	Digital Diagnostics Inc.	2022201838	Synlogic Operating Company, Inc.
2021240292	Biocon Limited	2022202000	Vertex Pharmaceuticals Incorporated
2021240467	Johnson & Johnson Consumer Inc.	2022202048	The Broad Institute, Inc.; Massachusetts Institute of Technology; President and Fellows of Harvard College
2021240468	Johnson & Johnson Consumer Inc.		
2021242116	CJ CheilJedang Corporation		
2021245147	Neurimmune Holding AG		
2021245202	Allergan Pharmaceuticals International Limited		
2021261919	Arbor Biotechnologies, Inc.		
2021270468	Raven Industries, Inc.		
2021273899	McTech Group, Inc.		
2021280366	Windgap Medical, Inc.		

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2022202505	Illumina Cambridge Limited	2022283567	VESTESEN HYBRID ENERGY APS
2022203149	The University of British Columbia	2022283640	Getac Technology Corporation
2022203788	Zoetis Services LLC	2022287542	Wing Aviation LLC
2022204136	Editas Medicine, Inc.; The Broad Institute, Inc.; The University of Iowa Research Foundation; Massachusetts Institute of Technology	2022289651	ZAP ENERGY, INC.
2022204420	Snap-on Incorporated	2022291477	Nanophase Technologies Corporation
2022205229	DEKA Products Limited Partnership	2022291478	Boston Scientific Scimed, Inc.
2022206531	FEXSIL GMBH	2022291515	Belron International Limited
2022206790	iRobot Corporation	2022294097	SHARKNINJA OPERATING LLC
2022207887	TECNORED DESENVOLVIMENTO TECNOLÓGICO S.A.	2022294663	SAMSUNG ELECTRONICS CO., LTD.
2022209254	The General Hospital Corporation	2022294760	LG ELECTRONICS INC.
2022212151	D3 Bio (Wuxi) Co., Ltd.	2022301848	MITSUBISHI HEAVY INDUSTRIES, LTD.; CHU-LALONGKORN UNIVERSITY
2022213035	CHAIRMAN, DEFENCE RESEARCH AND DEVELOPMENT ORGANISATION (DRDO)	2022305605	HAGER-ELECTRO SAS
2022221402	Staunton, I.L.	2022313499	KIVERCO LIMITED
2022221411	S&A Group Holdings Limited	2022314101	USTAV ORGANICKE CHEMIE A BIOCHEMIE AV CR V.V.I.
2022227536	ENVOY MEDICAL CORPORATION	2022323323	LANZATECH, INC.
2022228408	HUAWEI TECHNOLOGIES CO., LTD.	2022323762	ICARE FINLAND OY
2022228571	SCHOLLE IPN CORPORATION	2022335261	CONCEALFAB, INC.
2022229626	COÖPERATIE KONINKLIJKE AVEBE U.A.	2022335362	LONGI GREEN ENERGY TECHNOLOGY CO., LTD.
2022229729	ELC MANAGEMENT LLC	2022335654	DEEPMIND TECHNOLOGIES LIMITED
2022230013	SHANGHAI JEMINCARE PHARMACEUTICAL CO., LTD; JIANGXI JEMINCARE GROUP CO., LTD	2022337737	HENAN YUEXIN INTELLIGENT MACHINERY CO., LTD
2022231348	ABB SCHWEIZ AG	2022338838	NINGBO AUX ELECTRIC CO., LTD.; AUX AIR CONDITIONER CO., LTD.
2022231773	Edwards Lifesciences Corporation	2022339893	E INK CORPORATION
2022234582	FONTERRA CO-OPERATIVE GROUP LIMITED	2022343034	GENERAL ATOMICS
2022234607	Rznomics Inc.	2022349666	CB21 Pharma, s.r.o.
2022234795	COLGATE-PALMOLIVE COMPANY	2022361189	NIHON NOHYAKU CO., LTD.
2022234961	BUNGIE, INC.	2022368595	TONGWEI SOLAR (CHENGDU) CO., LTD.
2022235514	Road Widener LLC	2022377323	CHEVRON U.S.A. INC.
2022235529	Regeneron Pharmaceuticals, Inc.	2022380930	COMMUNICATIONS TEST DESIGN, INC.
2022235598	Ludwig Institute for Cancer Research Ltd	2022380964	ZTE CORPORATION
2022236555	LOUIDS AG	2022399944	DORMAKABA SCHWEIZ AG
2022239519	WUHAN CREATERNA SCIENCE AND TECHNOLOGY CO., LTD.	2022407488	SIEMENS ENERGY GLOBAL GMBH & CO. KG
2022242721	REIA, LLC	2022407572	DOOSAN LENTJES GMBH
2022242760	EURODIA INDUSTRIE	2022408193	CHINA UNIVERSITY OF MINING AND TECHNOLOGY
2022244707	FUJITSU GENERAL LIMITED	2022408194	CHINA UNIVERSITY OF MINING AND TECHNOLOGY
2022246419	QUOOKER INTERNATIONAL B.V.	2022408197	XUZHOU KERUI MINING TECHNOLOGY CO., LTD.
2022247513	SUNGROW (SHANGHAI) CO., LTD.	2022417663	CHINA UNIVERSITY OF MINING AND TECHNOLOGY
2022247651	FUJITSU GENERAL LIMITED	2022419730	NETEERA TECHNOLOGIES LTD.
2022247731	Cella Therapeutics, LLC	2022420842	BEIJING GOLDWIND SCIENCE & CREATION WIND-POWER EQUIPMENT CO., LTD.
2022251396	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI	2022441167	LUNAR ENERGY, INC.
2022252694	Decathlon	2022447730	FENIX SPACE, INC.
2022256079	VERO Biotech LLC.	2022455368	XIAMEN HITHIUM ENERGY STORAGE TECHNOLOGY CO., LTD.
2022257125	GUANGZHOU SHIYUAN ELECTRONICS CO., LTD.; GUANGZHOU SHIRUI ELECTRONICS CO., LTD.	2022461637	SCIENCE CO., LTD.
2022258988	THOMSON REUTERS ENTERPRISE CENTRE GMBH	2023200351	GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.
2022261752	I-SENS, INC.	2023200368	Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation
2022263503	Progastrine et Cancers S.à.r.l.	2023200491	FUJIAN OUMEIDA ELECTRIC MACHINE CO., LTD.
2022264402	SAMSUNG ELECTRONICS CO., LTD.	2023200502	Titan Trailers Inc.
2022265076	NUOVO PIGNONE TECNOLOGIE - S.R.L.	2023200570	Dolby Laboratories Licensing Corporation
2022265969	NUOVO PIGNONE TECNOLOGIE - S.R.L.	2023200636	Canon Kabushiki Kaisha
2022266523	SPHEREX, INC.	2023200673	Zimmer, Inc.
2022267510	Guangzhou Shiyuan Electronic Technology Company Limited; GUANGZHOU SHIRUI ELECTRONICS CO., LTD.	2023200724	Fisher & Paykel Healthcare Limited
2022267636	NUOVO PIGNONE TECNOLOGIE - S.R.L.	2023200724	Novartis AG
2022268311	Zoetis Services LLC	2023200952	Automaton, Inc.
2022268749	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	2023201136	Gen-Probe Incorporated
2022270278	STACKPACK B.V.	2023201193	Beth Israel Deaconess Medical Center, Inc.; The Children's Medical Center Corporation
2022271438	Fisher & Paykel Healthcare Limited	2023201269	Sealy Technology, LLC
2022273916	NOKIA TECHNOLOGIES OY	2023202121	Intrabio Limited
2022274045	ZTE CORPORATION	2023202151	Dizal (Jiangsu) Pharmaceutical Co., Ltd.
2022275471	Australian Institute of Robotic Orthopaedics Pty Ltd	2023202174	Sunovion Pharmaceuticals Inc.
2022275500	Innovative Building Technologies, LLC	2023202252	LG Electronics Inc.
2022280098	3M INNOVATIVE PROPERTIES COMPANY	2023202340	GEN-PROBE INCORPORATED
2022282057	NEURACLE GENETICS INC.	2023202506	Gilead Sciences, Inc.
2022283492	ALFA LAVAL CORPORATE AB	2023202543	Schneider Electric Industries SAS
		2023202661	Ergomotion, Inc.
		2023202708	Capital One Services, LLC

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2023202793	Nitto Denko Corporation	2024201331	Fullthom Pty Ltd
2023202918	HONEYWELL INTERNATIONAL INC.	2024202964	Huang, Z.
2023203004	Gentex Corporation	2024203082	Magic Leap, Inc.
2023203019	XL IP B.V.	2024203959	Trina Solar Co., Ltd.
2023203574	Breville Pty Limited	2024205510	Dunstan, J.
2023203637	Leica Geosystems AG	2024226438	MOHANTA, A.
2023203703	Vorwerk & Co. Interholding GmbH	2024227221	Owens-Brockway Glass Container Inc.
2023203705	Philp, G.	2024227224	Owens-Brockway Glass Container Inc.
2023203707	Doka GmbH	2024227288	SENSE2 PTY LTD
2023203809	Tencent America LLC	2024227448	The Hilliard Corporation
2023203908	Unison Pharmaceuticals Pvt. Ltd.	2024259832	Chromadex Inc.; The Queen's University Of Belfast
2023204009	Becton, Dickinson and Company	2024264589	Derrick Corporation
2023204106	Lifetime Products, Inc.	2024287133	GOOGLE LLC
2023204230	Block, Inc.		
2023204391	Children's Hospital & Research Center at Oakland		
2023204407	Sungrow Energy Storage Technology Co., Ltd.		
2023204609	Sony Corporation		
2023206105	Rite-Hite Holding Corporation		
2023206183	Yoshino Gypsum Co., Ltd.		
2023206204	Sequana Medical NV		
2023208089	MAKO Surgical Corp.		
2023208181	InterDigital VC Holdings, Inc.		
2023208207	Binary Beer Pty Ltd		
2023209834	CATERPILLAR GLOBAL MINING EQUIPMENT LLC		
2023210307	Regeneron Pharmaceuticals, Inc.		
2023210635	Amgen Inc.		
2023211553	DIEBOLD NIXDORF INCORPORATED		
2023214262	Stryker Corporation		
2023214330	Ypsomed AG		
2023214358	Apple Inc.		
2023214380	LG Electronics Inc.		
2023216896	ELI LILLY AND COMPANY		
2023219996	Elkem Silicones USA Corp.		
2023226646	Alnylam Pharmaceuticals, Inc.		
2023226686	Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation		
2023226734	Casio Computer Co., Ltd.		
2023226873	KNDS FRANCE		
2023229530	Terra Quantum AG		
2023229596	Light Steering Technologies, Inc.		
2023233140	Boston Scientific Scimed, Inc.		
2023237136	LG Electronics Inc.		
2023241342	Acer Incorporated		
2023242776	DONYATI, LLC		
2023248195	Yumdrum Pty Ltd		
2023254885	NOWDiagnostics, Inc.		
2023254926	A.L.M Holding Company; Ergon Asphalt & Emulsions, Inc.		
2023263482	Zhejiang Yankon Group. Co., Ltd.; Energetic Lighting Australia Pty Ltd.		
2023263507	NAVICO, INC.		
2023266256	Professional Dietetics S.p.A.		
2023270216	Greenyn Biotechnology Co., Ltd		
2023272332	E COLLINSON & CO. LTD.		
2023275836	NUOVO PIGNONE TECNOLOGIE - S.R.L.		
2023282299	Canva Pty Ltd		
2023283691	DEJERO LABS INC.		
2023285913	JIANGSU OPPEAL DAILY COSMETICS CORP., LTD.		
2023339437	GINLONG TECHNOLOGIES CO., LTD.		
2023351339	COOPERVISION INTERNATIONAL LIMITED		
2023375283	VERSUNI HOLDING B.V.		
2023375287	VERSUNI HOLDING B.V.		
2024200007	Chongqing Changan Automobile Co., Ltd		
2024200109	Idemia Identity & Security France		
2024200232	Sensile Medical AG		
2024200246	THE CHAMBERLAIN GROUP LLC		
2024200585	ITT Manufacturing Enterprises LLC		
2024200767	LG Electronics Inc.		
2024200787	Eneroc New Energy Technology Co., Ltd		
2024200877	Transcriptx, Inc.		
2024200910	Lightning Source LLC		
2024201133	Dyno Nobel Inc.		

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<u>A01B 79 I/-</u>	2019319737	2019265852 2020364691	2019350444	2019282769 2019352901 2020215193 2020264530 2020308562 2021390456 2021427505 2022417663 2023200636 2023200673 2023208089 2023214262 2023214330 2023226734	<u>A61G 15 I/-</u>
2019394366	<u>A01N 43 I/-</u>	<u>A23L 29 I/-</u>	<u>A47J 36 I/-</u>	2019301755 2020257229	
<u>A01C 23 I/-</u>	2019250616 2019289932 2022361189	2019265852 2019474922 2021218215	2023203574	<u>A61G 5 I/-</u>	
2019394366	<u>A01N 47 I/-</u>	<u>A23L 33 I/-</u>	<u>A47J 37 I/-</u>	2019336344	
<u>A01C 5 I/-</u>	2020379920	2017334047 2019265852 2021218215	2022294760	<u>A61G 7 I/-</u>	
2019301271 2019394366	<u>A01N 59 I/-</u>	2019264343	<u>A47J 43 I/-</u>	2023202661	
<u>A01C 7 I/-</u>	2019319737	<u>A47K 5 I/-</u>	2019261394 2023285913	<u>A61H 15 I/-</u>	
2019301271 2019394366 2020245261	<u>A01P 13 I/-</u>	<u>A23L 7 I/-</u>	<u>A61B 6 I/-</u>	2021348927	
<u>A01D 41 I/-</u>	2019289932	2019474922	2019362770	<u>A61H 7 I/-</u>	
2019205996 2019246794	<u>A01P 21 I/-</u>	<u>A23N 12 I/-</u>	<u>A61B 90 I/-</u>	2021348927	
<u>A01D 43 I/-</u>	2020379920	2019366767 2019407799	2019424115 2022206790 2023375283 2023375287	<u>A61J 1 I/-</u>	
2019246794	<u>A01P 7 I/-</u>	<u>A23P 20 I/-</u>	<u>A47L 5 I/-</u>	2020203804 2021280366	
<u>A01D 45 I/-</u>	2019250616 2022361189	2018428607 2019474922	2022294097	<u>A61C 13 I/-</u>	
2019205996	<u>A23C 19 I/-</u>	<u>A24F 47 I/-</u>	<u>A47L 11 I/-</u>	2020262767	<u>A61K 31 I/-</u>
<u>A01D 67 I/-</u>	2022234582	2019337805	<u>A47L 7 I/-</u>	<u>A61C 19 I/-</u>	2019211485 2019212969 2019215521 2019221321 2019231208 2019231706 2019238003 2019246406 2019253023 2019254841 2019256584 2019261976 2019273664 2019276092 2019290926 2019300515 2019319745 2019320488 2019321289 2019324330 2019328528 2019331652 2019350264 2019361964 2019368263 2019373573 2019389807 2019395093 2019402099 2019403048 2020209886 2020212111 2020218185 2020218908 2020226723 2020263295 2020275304 2020285360 2020285469 2020366257 2021296841 2021397214 2022212151
2019204603	<u>A23C 20 I/-</u>	<u>A41G 5 I/-</u>	2023375283 2023375287	<u>A61C 9 I/-</u>	
<u>A01F 11 I/-</u>	2022234582	2021327407	<u>A47L 9 I/-</u>	2020215193 2020308562	
2019246794	<u>A23C 9 I/-</u>	<u>A42B 3 I/-</u>	2022294097	<u>A61F 11 I/-</u>	
<u>A01F 12 I/-</u>	2022242760	2023203004	<u>A61B 17 I/-</u>	2019256527	
2019205996	<u>A23D 9 I/-</u>	<u>A45D 40 I/-</u>	2019262677 2020275062 2021245202 2023200636	<u>A61F 13 I/-</u>	
<u>A01H 1 I/-</u>	2018428607	2021327407	<u>A61B 18 I/-</u>	2019311311 2021405412 2022242721	
2018325363 2019213034	<u>A23F 5 I/-</u>	<u>A46B 13 I/-</u>	2021426845 2021456078 2022275471 2023229530	<u>A61F 2 I/-</u>	
2018394151	2022234582	2020284603	<u>A61B 3 I/-</u>	2019226595 2019231663 2019248636 2019261897 2019262677 2019397612 2020207377 2020232594 2022231773 2022291478	
<u>A01H 6 I/-</u>	<u>A23J 1 I/-</u>	<u>A47B 3 I/-</u>	2018431330 2019226595 2019280447 2020247193 2021238305 2022323762	<u>A61F 5 I/-</u>	
2018325363	<u>A23J 3 I/-</u>	<u>A47C 20 I/-</u>	<u>A61B 34 I/-</u>	2020231622	
<u>A01K 67 I/-</u>	2022229626	2019232249 2023202661	2019270648 2023200636 2023233140	<u>A61F 6 I/-</u>	
2019246406	<u>A23K 20 I/-</u>	<u>A47C 23 I/-</u>	<u>A61B 5 I/-</u>	2021428584 2022242721	
<u>A01M 1 I/-</u>	2021296672 2022236555	2023201269	2019243181 2019245429	<u>A61F 9 I/-</u>	
2022221402	<u>A23K 40 I/-</u>	<u>A47D 13 I/-</u>			
<u>A01M 23 I/-</u>	2022236555	2019232249			
2019324420	<u>A23K 50 I/-</u>	<u>A47J 27 I/-</u>			
<u>A01N 25 I/-</u>	2022236555	2023203574			
2019250616	<u>A23L 2 I/-</u>	<u>A47J 31 I/-</u>			
		2019348522			

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2022230013	2018277343	2019373573	<u>A61M 39 I/-</u>		2020226723
2022239519	2018298971	2019378119		<u>A61P 23 I/-</u>	2020285469
2022247731	2018303175	2020273716	2019236296	2020285360	2021397214
2023200724	2018334434	2021240467	2019360184		2022212151
2023202121	2018395100	2021240468	2019388631		2022239519
2023202151	2019216747	2021396245	2021454777	<u>A61P 25 I/-</u>	2023200724
2023202174	2019334965	2022229729	2023204009		2023202151
2023202506	2019389807	2022291477		2018310983	
2023202793	2020315673		<u>A61M 5 I/-</u>	2019254841	<u>A61P 37 I/-</u>
2023203908	2020331884	<u>A61K 9 I/-</u>		2019261976	
2023226646	2020357502		2019236296	2019290926	2019246406
2023266256	2021204767	2018230478	2019359395	2019300515	2022239519
2024200877	2021240292	2018251210	2019388631	2019319745	2023202151
2024259832	2021245147	2018287513	2021280366	2019328528	2023204391
	2021397214	2018411527	2021286427	2020275304	2023270216
<u>A61K 33 I/-</u>	2022268311	2019216747	2023204009	2021436167	
	2023204391	2019231706	2023210307	2022203149	<u>A61P 43 I/-</u>
2019331652		2019253023	2023210635	2022349666	
2020285469	<u>A61K 41 I/-</u>	2019254841	2023216896	2023201193	2018334434
2020366257		2019256584	2024200232	2023202121	2019253023
2021436167	2018303381	2019257990		2023202174	2019254841
		2019320488	<u>A61N 1 I/-</u>		2019350264
<u>A61K 35 I/-</u>	<u>A61K 45 I/-</u>	2019321593		<u>A61P 27 I/-</u>	2020218185
		2019324330	2019364532		2021436167
2017331362	2019238003	2019377079	2020264530	2019215521	
2018205763	2019246406	2022203149	2021373578	2019331652	<u>A61P 7 I/-</u>
2018303381	2019261976	2022247731	2021390456	2021436167	
2018310900	2019395093	2023203908	2021456078		2018212778
2018351689	2020263295		2022227536	<u>A61P 29 I/-</u>	2021286427
2021286427	2022247731	<u>A61L 17 I/-</u>			
2022201838			<u>A61N 2 I/-</u>	2017334047	<u>A61P 9 I/-</u>
2023201193	<u>A61K 47 I/-</u>	2019390723		2019232395	
			2021374038	2019320488	2020218908
<u>A61K 36 I/-</u>	2018287513	<u>A61L 27 I/-</u>		2020275304	2021204767
	2019256584		<u>A61N 5 I/-</u>	2020340618	2021436167
2017334047	2019324330	2019248636		2021221579	2022239519
2019254841	2019334965		2019231706	2021436167	2023202151
2019257990	2019361964	<u>A61L 29 I/-</u>	2019345061	2022239519	2023266256
2020209886	2020263295			2022349666	
	2020366257	2019390723	<u>A61P 1 I/-</u>		<u>A61Q 15 I/-</u>
<u>A61K 38 I/-</u>	2021218215			<u>A61P 3 I/-</u>	
	2021436167	<u>A61L 31 I/-</u>	2020218908		2020273716
2017334047	2022203149		2021218215	2020218908	
2017382271	2022314101	2019390723	2022239519	2021218215	<u>A61Q 17 I/-</u>
2017384126	2023203908	2020207377		2022239519	
2018212778			<u>A61P 11 I/-</u>		2022291477
2018230478	<u>A61K 48 I/-</u>	<u>A61M 1 I/-</u>		<u>A61P 31 I/-</u>	
2018241248			2018241248		<u>A61Q 19 I/-</u>
2018251210	2016427822	2019285062	2022239519	2018241248	
2018310983	2016432602	2021286427		2018395100	2018411527
2019232395	2017228413	2022205229	<u>A61P 13 I/-</u>	2019320488	2021396245
2019334965	2022200099			2020275304	2022229729
2019389807	2024200877	<u>A61M 11 I/-</u>	2019232395	2020285360	
2020340618			2020209886	2020315673	<u>A61Q 5 I/-</u>
2021218215	<u>A61K 49 I/-</u>	2019221321		2020357502	
2021219886		2020229360	<u>A61P 17 I/-</u>	2021296841	2018411527
2021221579	2019321593			2023204391	2021240467
2021245202		<u>A61M 15 I/-</u>	2019231706		2021240468
2022247731	<u>A61K 51 I/-</u>		2019273664	<u>A61P 35 I/-</u>	
2023201193		2019221321	2021245202		<u>B01D 33 I/-</u>
2023270216	2018334434	2020229360	2022239519	2017334047	
	2019255692		2023202151	2017382251	2019429616
<u>A61K 39 I/-</u>	2019362770	<u>A61M 16 I/-</u>		2017384687	
	2020285469		<u>A61P 19 I/-</u>	2018267843	<u>B01D 5 I/-</u>
2017373945		2018394928		2018334434	
2017380842	<u>A61K 6 I/-</u>	2022256079	2018277343	2019238003	2019359894
2017384126		2022271438	2019273664	2019276092	
2018215673	2019262643	2023200673	2022239519	2019321289	<u>B01D 53 I/-</u>
2018226566	2020262767			2019389807	
2018241248		<u>A61M 25 I/-</u>	<u>A61P 21 I/-</u>	2019395093	2019311182
2018261102	<u>A61K 8 I/-</u>	2019236296		2019402099	2019359894
2018267843			2018303381	2019403048	
2018275152	2018411527		2021436167	2020212111	<u>B01D 61 I/-</u>
	2019321593		2023266256		2019281221

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<u>B01D 63 /-</u>	<u>B09C 1 /-</u>	2019375541	<u>B60R 22 /-</u>	<u>B62D 61 /-</u>	<u>B65D 25 /-</u>
2019366302	2020218373	<u>B32B 37 /-</u>	2019219833	2021466253	2022234795
<u>B01D 65 /-</u>	<u>B21D 11 /-</u>	2019375541	<u>B60R 25 /-</u>	<u>B62D 63 /-</u>	2023208207
2019311182	2019261782	<u>B32B 5 /-</u>	2022291515	2023200491	<u>B65D 43 /-</u>
<u>B01F 23 /-</u>	<u>B21F 9 /-</u>	2022275500	<u>B60S 1 /-</u>	<u>B62D 65 /-</u>	2020333516
2022455368	2020230858	<u>B41J 11 /-</u>	2022291515	2023200491	<u>B65D 47 /-</u>
<u>B01F 25 /-</u>	<u>B23K 33 /-</u>	2019299319	<u>B60T 17 /-</u>	<u>B63B 19 /-</u>	202228571
2022455368	2020233798	<u>B41J 3 /-</u>	2019201871	2018435214	2022234795
<u>B01J 13 /-</u>	<u>B23P 19 /-</u>	2019299319	<u>B60T 7 /-</u>	<u>B63B 27 /-</u>	2018260901
2019321593	2022204420	<u>B42C 7 /-</u>	2019201871	2018386560	2019259357
<u>B01J 20 /-</u>	<u>B25B 11 /-</u>	2024200910	<u>B60T 8 /-</u>	2021408983	2022270278
2020218373	2018293933	<u>B42D 25 /-</u>	2019201871	<u>B63B 43 /-</u>	<u>B65D 51 /-</u>
<u>B01L 3 /-</u>	<u>B25B 25 /-</u>	2019339588	<u>B60W 10 /-</u>	<u>B64C 13 /-</u>	2020203804
2019300685	2020205517	2020205517	2020200847	2019268152	2020333516
2020269974	<u>B25F 5 /-</u>	2024200910	<u>B60W 30 /-</u>	<u>B64C 29 /-</u>	2019336340
2023254885	2019312473	<u>B42D 3 /-</u>	2022221411	2022343034	2022236555
<u>B02C 2 /-</u>	<u>B25J 1 /-</u>	<u>B60C 11 /-</u>	<u>B60W 60 /-</u>	<u>B64C 31 /-</u>	<u>B65D 75 /-</u>
2018444291	2018232896	2019281117	2020200847	2022441167	202228571
<u>B02C 4 /-</u>	<u>B26F 3 /-</u>	<u>B60K 13 /-</u>	2022221411	<u>B64C 39 /-</u>	<u>B65D 81 /-</u>
2020204874	2021378837	2021466253	2024200007	2021270468	2018260901
<u>B04B 15 /-</u>	<u>B27M 3 /-</u>	<u>B60L 5 /-</u>	<u>B61D 11 /-</u>	2022287542	2020333516
2022283492	2019375541	2022337737	2021451070	2022343034	2023208207
<u>B04B 9 /-</u>	<u>B29B 17 /-</u>	2023209834	<u>B61G 3 /-</u>	2023226873	<u>B65D 83 /-</u>
2022283492	2024201331	<u>B60M 7 /-</u>	2019406664	<u>B64C 5 /-</u>	2018205198
<u>B05B 1 /-</u>	<u>B29C 70 /-</u>	2023209834	<u>B61L 25 /-</u>	2019210583	<u>B65D 85 /-</u>
2022455368	2019280044	<u>B60N 2 /-</u>	2020230855	<u>B64D 1 /-</u>	2018205198
<u>B05B 11 /-</u>	2021379587	2019219833	<u>B61L 27 /-</u>	2022287542	<u>B65D 88 /-</u>
2019261394	<u>B29K 267 /-</u>	2021393787	2020230855	<u>B64F 1 /-</u>	2023200491
<u>B05C 17 /-</u>	2024201331	2021396550	<u>B61L 3 /-</u>	2023226873	<u>B65G 43 /-</u>
2019395691	<u>B30B 15 /-</u>	<u>B60P 1 /-</u>	2020230855	<u>B64G 1 /-</u>	2021375632
<u>B05D 3 /-</u>	2022204420	2023200491	<u>B62B 3 /-</u>	2022441167	<u>B65G 65 /-</u>
2019375541	<u>B31D 5 /-</u>	2021452636	2018293933	<u>B64G 3 /-</u>	2019404202
<u>B07B 1 /-</u>	2021378837	2022337737	2020219049	2022441167	<u>B65H 18 /-</u>
2021336023	<u>B32B 13 /-</u>	2023200491	<u>B62D 1 /-</u>	<u>B64G 5 /-</u>	2019336340
2024264589	2019250211	2023203019	2020200847	2022441167	<u>B65H 35 /-</u>
<u>B07B 4 /-</u>	2023206183	<u>B60P 7 /-</u>	<u>B62D 5 /-</u>	<u>B64U 70 /-</u>	2018205198
2021336023	<u>B32B 18 /-</u>	2021451070	2022251396	2023226873	<u>B65H 75 /-</u>
<u>B07C 5 /-</u>	2019339612	2021452636	<u>B60R 21 /-</u>	<u>B64U 80 /-</u>	2024205510
2022313499	<u>B32B 21 /-</u>	2024205510	2019241883	2023226873	<u>B66B 5 /-</u>
		2019241883	2022251396		2021377382

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<u>B66C 13 /-</u>	2019281221	<u>C07D 223 /-</u>	<u>C07F 1 /-</u>	<u>C07K 17 /-</u>	<u>C08L 43 /-</u>
2019312473	<u>C02F 3 /-</u>	2022230013	2020285469	2018310983	2018445848
2022408193	2019366302	<u>C07D 231 /-</u>	<u>C07F 15 /-</u>	<u>C07K 19 /-</u>	<u>C08L 63 /-</u>
2022408197	<u>C03B 3 /-</u>	2019212969	2019390723	2021219886	2019305036
<u>B66C 17 /-</u>	2024227221	<u>C07D 235 /-</u>	2022261752	<u>C07K 7 /-</u>	<u>C08L 69 /-</u>
2019404202	2024227224	2019319745	<u>C07F 5 /-</u>	2018310983	2019373267
<u>B66C 19 /-</u>	<u>C04B 111 /-</u>	<u>C07D 239 /-</u>	2019255692	2023270216	<u>C08L 71 /-</u>
2019404202	2019250211	2019368263	<u>C07F 9 /-</u>	<u>C08F 120 /-</u>	2018445848
<u>B66D 1 /-</u>	2019262890	2023202151	2019261976	2019378119	<u>C08L 83 /-</u>
2022287542	<u>C04B 18 /-</u>	<u>C07D 243 /-</u>	<u>C07H 1 /-</u>	<u>C08F 2 /-</u>	2019305036
<u>B66F 11 /-</u>	2023254926	2019231208	2022242760	2019305036	<u>C08L 91 /-</u>
2022235514	<u>C04B 20 /-</u>	<u>C07D 285 /-</u>	2024259832	<u>C08F 220 /-</u>	2023254926
<u>B66F 9 /-</u>	2019373267	2019300515	<u>C07H 19 /-</u>	2018447046	<u>C08L 95 /-</u>
2018293933	<u>C04B 26 /-</u>	2020218908	2022268749	<u>C08F 222 /-</u>	2023254926
<u>B67D 1 /-</u>	2023254926	<u>C07D 295 /-</u>	2024259832	2021343565	<u>C09D 133 /-</u>
2019221517	<u>C04B 28 /-</u>	2022314101	<u>C07H 21 /-</u>	<u>C08F 226 /-</u>	2018445848
2023208207	2019262890	<u>C07D 313 /-</u>	2022209254	2022261752	2018447046
<u>B67D 3 /-</u>	2019373267	2022314101	<u>C07K 1 /-</u>	<u>C08F 8 /-</u>	<u>C09D 183 /-</u>
2022228571	<u>C04B 40 /-</u>	<u>C07D 401 /-</u>	2018296644	2022261752	2019390723
<u>B67D 7 /-</u>	2019373267	2020226723	<u>C07K 14 /-</u>	<u>C08G 77 /-</u>	<u>C09D 5 /-</u>
2023208207	<u>C05C 9 /-</u>	2022239519	2017331362	2019305036	2022206531
<u>B67D 9 /-</u>	2019311821	2023202151	2018311032	2019390723	<u>C09D 7 /-</u>
2021408983	<u>C05G 3 /-</u>	<u>C07D 403 /-</u>	2018358085	<u>C08J 11 /-</u>	2019378119
<u>B82Y 30 /-</u>	2019319737	2022212151	2018394151	2024201331	<u>C09J 101 /-</u>
2022203788	<u>C06B 23 /-</u>	2022361189	2020234063	<u>C08J 3 /-</u>	2019297499
<u>B82Y 35 /-</u>	2024201133	<u>C07D 417 /-</u>	2021409842	2021343565	<u>C09J 103 /-</u>
2022203788	<u>C06B 33 /-</u>	2019300515	2022201838	<u>C08J 9 /-</u>	2019297499
<u>B82Y 40 /-</u>	2020205931	<u>C07D 471 /-</u>	2022202000	2019332779	<u>C09J 7 /-</u>
2021436167	<u>C07B 57 /-</u>	2019212969	2023202793	<u>C08K 5 /-</u>	2021327407
<u>B82Y 5 /-</u>	2019328528	2019300515	2023204391	2019378119	<u>C09K 5 /-</u>
2021436167	<u>C07B 59 /-</u>	2020212111	<u>C07K 16 /-</u>	2021343565	2020205848
<u>C01B 3 /-</u>	2019255692	<u>C07D 487 /-</u>	2017334047	<u>C08L 23 /-</u>	<u>C10C 1 /-</u>
2020227190	<u>C07C 233 /-</u>	2019211485	2017373945	2019373267	2020241954
<u>C01C 1 /-</u>	2022314101	2019212969	2017380842	2021343565	<u>C10G 25 /-</u>
2019319737	<u>C07C 237 /-</u>	2020285469	2017382251	2024201331	2019255251
<u>C02F 1 /-</u>	2022314101	2021296841	2017382271	<u>C08L 25 /-</u>	<u>C10G 50 /-</u>
2019281221	<u>C07C 69 /-</u>	2022230013	2017384126	2018445848	2019255251
2019418963	2019262643	2023200724	2017384687	2019305036	<u>C10G 55 /-</u>
2020218373	<u>C07D 209 /-</u>	2023202151	2018205763	2019378119	2019255251
2020223193	<u>C07D 209 /-</u>	2023202506	2018261102	<u>C08L 33 /-</u>	
<u>C02F 103 /-</u>	2020212111	2023202174	2018277343		
			2018280681		
			2018296644		
			2018303175		
			2018311032		
			2018395100		
			2020268399		
			2021204767		
			2021240292		
			2021245147		
			2021397214		
			2022263503		

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<u>C10L 1 /-</u>	2019261083 2020234063 2020252840	2019261782	2021210192	<u>E02D 35 /-</u>	<u>E04G 25 /-</u>
2019204400	2020268399 2021219886 2022201838	<u>C21D 7 /-</u>	<u>D06F 33 /-</u>	2019229209	2023203705
<u>C11B 3 /-</u>		2019261782	2021229880 2021336000	<u>E02F 3 /-</u>	<u>E04G 5 /-</u>
2018428607	<u>C12N 9 /-</u>	<u>C22B 15 /-</u>	<u>D06F 34 /-</u>	2020222814	2018232896
<u>C12G 3 /-</u>	2017331362 2018318313 2018351689	2019360553 2022407572	2021336000	<u>E03B 3 /-</u>	<u>E04H 1 /-</u>
2020364691	2018394151 2021242116 2021261919	<u>C22B 19 /-</u>	<u>D06F 58 /-</u>	2019359894	2019253877
<u>C12M 1 /-</u>	2021282455 2022201838 2022202000	2022407572	2021229880 2021336000 2021339452	<u>E03C 1 /-</u>	<u>E04H 12 /-</u>
2019204400	2022203149 2022235598 2022323323	<u>C22B 23 /-</u>	<u>D21C 1 /-</u>	2022246419	2018390977 2020215020 2022335261
2019246107		2019360553	2019204400	<u>E04B 1 /-</u>	<u>E04H 15 /-</u>
2019297911	<u>C12M 3 /-</u>	<u>C22B 26 /-</u>	<u>D21H 17 /-</u>	2019253877 2021221690 2023203707 2023206183	2022252694
<u>C12N 1 /-</u>	<u>C12P 13 /-</u>	2019360553 2022407572	2019378119	<u>E04B 2 /-</u>	<u>E04H 17 /-</u>
2018296644	2021409842	<u>C22B 3 /-</u>	<u>D21H 19 /-</u>	2019210700 2019253877 2021419346	2020230858
2021242116	<u>C12P 19 /-</u>	2019360553	2019378119	<u>E04B 5 /-</u>	<u>E04H 4 /-</u>
2022323323	2022235598	<u>C22B 47 /-</u>	<u>E01C 1 /-</u>	2019253877	2020284603 2020307351
<u>C12N 15 /-</u>	<u>C12P 21 /-</u>	2019360553	2023254926	<u>E04C 2 /-</u>	<u>E04H 5 /-</u>
2016427822	2018296644 2020252840 2021242116	<u>C22B 7 /-</u>	<u>E01C 11 /-</u>	2019210700 2019250211 2022275500 2023206183	2019253877
2017228413	<u>C12P 7 /-</u>	2019360553	2021273899	<u>E01C 13 /-</u>	<u>E05B 15 /-</u>
2018275152	2019204400 2022323323	2024227288	2018429406	<u>E01C 19 /-</u>	2022399944
2018296644	<u>C12Q 1 /-</u>	2022265969 2023226686	<u>E01C 19 /-</u>	<u>E04C 5 /-</u>	<u>E05B 47 /-</u>
2018297258	2018298971 2018303179 2018304396	<u>C25B 15 /-</u>	2022235514	2021221690 2023248195	2019309370 2022399944
2018303381	2019228079 2019321289 2019343330	2023226686	2021273899	<u>E04F 13 /-</u>	2019309370
2018341985	2021261919 2022201052 2022202000	<u>C25B 9 /-</u>	<u>E01C 7 /-</u>	2019210700 2019339612 2023206183	<u>E05B 65 /-</u>
2018351689	2022202505 2022209254 2022235529	2023226686	2023254926	<u>E04F 15 /-</u>	2022283640
2018394151	2022235598 2022261752 2023201136 2023202340	<u>C25C 1 /-</u>	<u>E01H 1 /-</u>	2018429406 2019339612	<u>E05C 19 /-</u>
2018395100	<u>C13K 5 /-</u>	2019360553	<u>E02B 17 /-</u>	<u>E04G 11 /-</u>	2022283640
2019213034	2022242760	<u>C25D 13 /-</u>	2018366924	2023203707	<u>E05C 3 /-</u>
2020234063	<u>C21B 13 /-</u>	2024227288	2021222108	<u>E04G 17 /-</u>	2022283640
2020252840	2019286552 2022407572	<u>C40B 40 /-</u>	<u>E02D 11 /-</u>	2023203707	<u>E21B 17 /-</u>
2020357502	<u>C21B 5 /-</u>	2018297258 2022202505	2019229209	<u>E04G 19 /-</u>	2018451036
2020402526	2022207887 2022407572	<u>D01F 9 /-</u>	<u>E02D 17 /-</u>	2023203707	<u>E21B 19 /-</u>
2021242116	<u>C21D 10 /-</u>	2020241954	2019229209	<u>E04G 21 /-</u>	2018437107
2021261919		<u>D04H 1 /-</u>	<u>E02D 27 /-</u>	2019253877 2019404202 2023203705	<u>E21B 21 /-</u>
2021409842			2018390977		2018437107
2022201052					<u>E21B 23 /-</u>
2022202000					2021410067
2022202048					
2022202505					
2022203149					
2022204136					
2022209254					
2022234607					
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2023202793					
2023226646					
<u>C12N 5 /-</u>					
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2017331362					
2017382271					
2018267695					
2018296644					
2018297258					
2018303381					
2018351689					
2018395100					
2019213034					

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<u>E21B 33 /-</u>	2020221689	<u>F16B 39 /-</u>	2023206105	2019284130	<u>G01G 23 /-</u>
2018437107	<u>F03D 13 /-</u>	2018404855	<u>F21V 23 /-</u>	<u>F25D 23 /-</u>	2023272332
2020205931	2018366924	<u>F16B 43 /-</u>	2023263482	2023214380	<u>G01G 3 /-</u>
2021410067	2020215020	2019275597	<u>F21V 33 /-</u>	2023237136	2023272332
<u>E21B 34 /-</u>	<u>F03D 17 /-</u>	<u>F16B 7 /-</u>	2023206105	<u>F25J 1 /-</u>	<u>G01H 1 /-</u>
2019208303	2019438487	2021221690	<u>F24C 15 /-</u>	2022265076	2019270338
<u>E21B 41 /-</u>	<u>F03D 3 /-</u>	2022335261	2019320493	<u>F27B 1 /-</u>	<u>G01H 3 /-</u>
2018428866	2020221689	<u>F16C 11 /-</u>	2022294760	2022207887	2019270338
<u>E21B 43 /-</u>	<u>F03D 7 /-</u>	2022294663	<u>F24C 7 /-</u>	<u>F27D 3 /-</u>	<u>G01K 1 /-</u>
2018424263	2019438487	<u>F16C 19 /-</u>	2022294760	2022207887	2019339591
2019208303	2020221689	2020249088	<u>F24F 1 /-</u>	<u>F28D 20 /-</u>	2019340010
2019281221	2022419730	<u>F16D 3 /-</u>	2022338838	2020205848	<u>G01L 1 /-</u>
2021410067	<u>F03D 80 /-</u>	2018451036	<u>F24F 11 /-</u>	<u>F28F 21 /-</u>	2020201053
2024201133	2022461637	<u>F16D 65 /-</u>	2022244707	2020205848	2023200351
<u>E21B 47 /-</u>	<u>F04B 23 /-</u>	2018293933	2022247651	<u>F41A 17 /-</u>	<u>G01L 5 /-</u>
2018428866	2022265969	<u>F16G 11 /-</u>	<u>F24F 13 /-</u>	2024202964	2023200351
2020249999	<u>F04C 18 /-</u>	2020230858	2022338838	<u>F41A 19 /-</u>	<u>G01N 1 /-</u>
<u>E21B 49 /-</u>	2019398673	<u>F16H 55 /-</u>	2023206105	2024202964	2020269974
<u>E21C 41 /-</u>	<u>F04D 13 /-</u>	2024227448	<u>F24F 3 /-</u>	<u>F41A 9 /-</u>	<u>G01N 15 /-</u>
2024201133	2018356378	<u>F16H 61 /-</u>	<u>F24H 1 /-</u>	2022213035	2019300685
<u>E21D 9 /-</u>	<u>F04D 15 /-</u>	2024227448	2019253172	<u>F41B 11 /-</u>	2019305036
2020249088	2018356378	<u>F16H 9 /-</u>	<u>F24H 7 /-</u>	2023226873	2019343330
<u>F01D 15 /-</u>	<u>F04D 17 /-</u>	2024227448	2020205848	<u>F41F 7 /-</u>	2020245261
2023275836	2023206105	<u>F16J 15 /-</u>	<u>F24H 9 /-</u>	2023226873	2022203788
<u>F02C 3 /-</u>	<u>F04D 25 /-</u>	2018424263	2019253172	<u>F42D 1 /-</u>	2022291515
2022267636	2019253043	<u>F16K 15 /-</u>	<u>F24S 23 /-</u>	2024201133	<u>G01N 22 /-</u>
<u>F02D 41 /-</u>	2022265969	2018424263	2021445017	<u>F42D 3 /-</u>	2021380264
2018378313	<u>F04D 29 /-</u>	<u>F16L 19 /-</u>	<u>F25B 1 /-</u>	2024201133	<u>G01N 33 /-</u>
<u>F02D 9 /-</u>	2019253043	2018404855	2022244707	<u>G01B 11 /-</u>	2018226566
2018378313	<u>F04D 7 /-</u>	<u>F16L 3 /-</u>	<u>F25B 39 /-</u>	2023208207	2018267695
2018378315	2018356378	2022461637	2021422201	<u>G01C 21 /-</u>	2018296644
<u>F02M 35 /-</u>	<u>F15B 1 /-</u>	<u>F16M 11 /-</u>	<u>F25B 49 /-</u>	2021270468	2018298971
2021466253	2019268152	2019301755	2022244707	<u>G01F 11 /-</u>	2018310983
<u>F02M 51 /-</u>	<u>F16B 31 /-</u>	<u>F21V 15 /-</u>	2022247651	2020333516	2019255692
2018378313	2021221690	2023200368	<u>F25C 1 /-</u>	<u>G01G 11 /-</u>	2019280909
2018378315	<u>F16B 33 /-</u>	<u>F21V 19 /-</u>	2023202252	2023272332	2019305036
<u>F02M 69 /-</u>	<u>F16B 37 /-</u>	2023263482	<u>F25C 5 /-</u>	<u>G01G 17 /-</u>	2021229402
2018378313	2018404855	<u>F21V 21 /-</u>	2023202252	2023272332	2021245147
2018378315	2021221690	2023200368	<u>F25D 11 /-</u>	<u>G01R 15 /-</u>	2021282455
<u>F03B 13 /-</u>	<u>F16B 39 /-</u>	2023200368		2019350489	2022263503
2021222108	2018404855			<u>G01R 31 /-</u>	2023254885
<u>F03D 1 /-</u>	2021221690				2019270338

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2022231348 2024200787	<u>G02F 1/-</u>	<u>G06F 3/-</u>	<u>G06V 10/-</u>	<u>G10K 9/-</u>	2021410085
<u>G01R 33/-</u>	2022339893	2022234961	2020273186	2020249999	<u>H01Q 1/-</u>
2019294551	<u>G03B 17/-</u>	2022267510	2024200109		2022335261
<u>G01R 35/-</u>	2023226734	2023214358	<u>G06V 20/-</u>	<u>G16B 20/-</u>	<u>H01R 13/-</u>
2019350489	<u>G03F 7/-</u>	2024203082	2022266523	2019321289	2019257374
	2019305036	2024226438	2024287133	<u>G16C 10/-</u>	2022305605
<u>G01S 13/-</u>	<u>G03G 15/-</u>	<u>G06F 40/-</u>	<u>G06V 30/-</u>	2023206204	<u>H01R 25/-</u>
2021211129	2021343023	2022258988	2020273186	<u>G16H 40/-</u>	2019308280
<u>G01S 15/-</u>	<u>G03G 21/-</u>	2023282299	<u>G06V 40/-</u>	2023214262	2023209834
2023263507	2021343023	<u>G06F 9/-</u>	2024200109	<u>G16Y 20/-</u>	<u>H01R 27/-</u>
<u>G01S 17/-</u>	2023200570	<u>G06K 7/-</u>	2024226438	2023208207	2019257374
2022221411	<u>G05B 13/-</u>	2023204230	<u>G07C 13/-</u>	<u>G21B 1/-</u>	<u>H01R 33/-</u>
2023203637	2020387403	<u>G06N 20/-</u>	2024226438	2022289651	2023263482
2023208207	2023214330	2019360153	<u>G07D 7/-</u>	<u>H01F 27/-</u>	<u>H01R 39/-</u>
<u>G01S 5/-</u>	<u>G05B 15/-</u>	2019365219	2019339588	2019350489	2023209834
2023200952	2020269495	2020233609	<u>G07F 17/-</u>	<u>H01F 38/-</u>	<u>H01R 4/-</u>
<u>G01S 7/-</u>	<u>G05B 17/-</u>	2023282299	2019201754	2019295730	2021339452
2023203637	2020387403	2024200007	2020267196	2019350489	2022305605
2023263507	<u>G05B 21/-</u>	<u>G06N 3/-</u>	<u>G07F 7/-</u>	<u>H01H 13/-</u>	<u>H01R 9/-</u>
<u>G01V 1/-</u>	2020200847	2019360153	2023204230	2021427544	2022305605
2022377323	<u>G05B 23/-</u>	2019365219	<u>G07G 1/-</u>	<u>H01H 3/-</u>	<u>H02B 1/-</u>
<u>G01V 11/-</u>	2020200847	2022335654	2023204230	2021427544	2019308280
2020249999	<u>G05D 1/-</u>	<u>G06Q 10/-</u>	<u>G08B 17/-</u>	<u>H01L 21/-</u>	<u>H02G 3/-</u>
<u>G01V 3/-</u>	2019404202	<u>G06Q 20/-</u>	2020330299	2022368595	2019339591
2019294551	2019424115	2019273039	<u>G08B 21/-</u>	<u>H01L 31/-</u>	2019340010
<u>G02B 1/-</u>	2020200847	2023202708	2022206790	2020201483	<u>H02H 1/-</u>
2023351339	2021270468	2023204230	<u>G08B 29/-</u>	2021445017	2022231348
<u>G02B 21/-</u>	2022343034	2023211553	2020330299	2022335362	<u>H02H 3/-</u>
2019297911	<u>G06F 1/-</u>	<u>G06Q 30/-</u>	<u>G08B 3/-</u>	2022368595	2022231348
<u>G02B 27/-</u>	2022264402	2020229883	2020330299	2024203959	<u>H02H 7/-</u>
2024203082	2022283640	2020233609	<u>G08C 17/-</u>	2021422540	2022231348
<u>G02B 3/-</u>	2022294663	<u>G06Q 50/-</u>	2019312473	2022447730	<u>H02J 13/-</u>
2020205517	<u>G06F 16/-</u>	2022420842	<u>G08C 23/-</u>	2023219996	2023202918
<u>G02B 5/-</u>	2022258988	2024226438	2023200351	2024200787	<u>H02J 3/-</u>
2020205517	<u>G06F 17/-</u>	<u>G06T 15/-</u>	<u>G08G 5/-</u>	<u>H01M 12/-</u>	2020269495
<u>G02B 6/-</u>	2023242776	2020233609	2022343034	<u>H01M 4/-</u>	2021373552
2019206120	2022266523	<u>G06T 19/-</u>	<u>G09F 3/-</u>	2020291043	2022283567
2020345844	<u>G06F 18/-</u>	2024287133	2020205517	<u>H01M 50/-</u>	2022407488
<u>G02B 7/-</u>	<u>G06F 21/-</u>	<u>G06T 7/-</u>	<u>G09G 3/-</u>	<u>H01M 8/-</u>	2022420842
2023226734	2020267745	2019311295	2022339893	2020227190	2023202918
2023229596	2024200246	2020273186			2023339437
	2024226438	2022266523			<u>H02J 50/-</u>
		<u>G06T 9/-</u>			2019295730
		2020273186			

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2019325651	2020207472	2023208181 2024200767	<u>H04W 52 /-</u>
<u>H02J 7 /-</u>	<u>H04B 7 /-</u>	<u>H04N 21 /-</u>	2021415813
2019257374	2019365650	2019291980	<u>H04W 56 /-</u>
2019279949	2021388041	2019309167	2019365650
2019325651	2022273916	2019311295	2021467047
2021373552	2022380964	2022257125	<u>H04W 64 /-</u>
2021422540	<u>H04H 20 /-</u>	2022266523	2021270468
2021443409	2023283691	<u>H04N 5 /-</u>	2021270468
2024200787	<u>H04L 1 /-</u>	2019311295	<u>H04W 68 /-</u>
<u>H02J 9 /-</u>	2020364236	<u>H04N 9 /-</u>	2021420357
2023202918	2021388041	2019311295	<u>H04W 72 /-</u>
<u>H02K 11 /-</u>	2022228408	<u>H04R 1 /-</u>	2021322743
2024200585	<u>H04L 12 /-</u>	2018335260	2021388041
<u>H02K 3 /-</u>	2020200847	2022280098	2021418658
2023203703	2020267745	<u>H04R 25 /-</u>	2021426995
<u>H02K 33 /-</u>	2022380930	2021390456	2022274045
2019438529	<u>H04L 41 /-</u>	2022280098	<u>H04W 74 /-</u>
<u>H02K 5 /-</u>	2020308337	<u>H04R 5 /-</u>	2021415813
2023203703	<u>H04L 43 /-</u>	<u>H04W 76 /-</u>	2020269308
2024200585	2022380930	2018335260	2021426995
<u>H02M 7 /-</u>	<u>H04L 45 /-</u>	<u>H04S 3 /-</u>	<u>H04W 84 /-</u>
2022247513	2020308337	2023200502	2019394853
<u>H02P 21 /-</u>	<u>H04L 47 /-</u>	<u>H04S 7 /-</u>	2021418658
2021408621	2023283691	2023200502	<u>H05B 45 /-</u>
<u>H02P 25 /-</u>	<u>H04L 5 /-</u>	<u>H04W 12 /-</u>	2023202543
2021429850	2021322743	2020267745	<u>H05B 47 /-</u>
<u>H02S 40 /-</u>	2021388041	2020308337	2023202543
2020205848	2021466439	<u>H04W 16 /-</u>	<u>H05B 6 /-</u>
2021445017	2022380964	2019419421	2019320493
2023339437	2023204609	<u>H04W 24 /-</u>	2022294760
<u>H02S 50 /-</u>	<u>H04L 69 /-</u>	2019394853	<u>H05K 5 /-</u>
2021365815	2020267745	2022380964	2023204407
2023339437	<u>H04L 9 /-</u>	<u>H04W 28 /-</u>	<u>H05K 7 /-</u>
<u>H03H 7 /-</u>	2019273039	2019403054	2021443409
2020414353	2024200246	2019419421	<u>H10F 19 /-</u>
<u>H03J 7 /-</u>	2024226438	<u>H04W 36 /-</u>	2020465910
2019365650	<u>H04M 1 /-</u>	2023241342	<u>H10K 30 /-</u>
<u>H04B 10 /-</u>	<u>H04M 3 /-</u>	<u>H04W 4 /-</u>	2022335362
2019408409	2020268901	2021420357	<u>H10K 39 /-</u>
2023200351	<u>H04M 7 /-</u>	2021426995	2022335362
<u>H04B 11 /-</u>	2020268901	2022408194	2022335362
2020249999	<u>H04N 19 /-</u>	2023208207	
<u>H04B 17 /-</u>	2023203809	2019394853	
		2019403054	

Certified Innovation Patents**Name Index**

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

(71) Halire Pty Ltd
(11) AU-B-2024100010
(21) 2024100010 (22) 27.02.2024
(54) PLUMBING METHOD AND APPARAT-
US
(51) Int. Cl.
F16L 33/24 (2006.01)
E03C 1/04 (2006.01)
F16L 19/00 (2006.01)
F16L 25/10 (2006.01)
F16L 33/22 (2006.01)
(45) 23.01.2025
(62) 2021200168
(72) Swanston, Peter; Jackson, Shaun
Wade
(74) Daniel Rosenthal

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2024100010

Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Lodged

2018241252 **The University Of Queensland** (Epiphany Law)

2022203267 **Antheia, Inc.** (River Stone Biotech ApS)

Patents Granted**Standard Patents**

2016284331	2017290389	2017299162	2017301819
2017305524	2017306426	2017313405	2017317124
2017328633	2017348624	2017348734	2017357679
2017362500	2017367691	2017439375	2018200999
2018204381	2018205113	2018219292	2018222901
2018226393	2018227442	2018228785	2018232890
2018248899	2018250391	2018253482	2018255507
2018256358	2018261007	2018263935	2018267572
2018279024	2018279050	2018280868	2018280871
2018294517	2018303287	2018311641	2018313253
2018318074	2018326556	2018328752	2018330416
2018333267	2018333578	2018337076	2018340871
2018341091	2018341331	2018346790	2018348796
2018350825	2018352462	2018353790	2018353976
2018354277	2018363236	2018363877	2018364114
2018370210	2018372072	2018375183	2018379990
2018380968	2018382243	2018388874	2018391478
2018392780	2018394287	2018398377	2018399217
2018405401	2018408822	2018429381	2018433057
2018441502	2018443227	2019200031	2019200845
2019201355	2019201848	2019204428	2019204485
2019210010	2019211149	2019215582	2019218371
2019218785	2019222634	2019223424	2019229666
2019229754	2019230193	2019233509	2019234566
2019234654	2019236670	2019237526	2019240294
2019244313	2019244446	2019247482	2019252429
2019258975	2019264447	2019265024	2019265313
2019268041	2019268186	2019270464	2019271730
2019274495	2019275068	2019275493	2019276054
2019281147	2019281200	2019282375	2019284510
2019288291	2019290638	2019295354	2019295357
2019296118	2019299688	2019300981	2019302717
2019304983	2019307239	2019311609	2019314265
2019316626	2019317604	2019319227	2019319541
2019321865	2019323823	2019336038	2019336675
2019339408	2019341273	2019344594	2019348038
2019349597	2019350592	2019350660	2019352154
2019352456	2019356570	2019357958	2019361919
2019362061	2019363551	2019364624	2019364688
2019373784	2019379514	2019382966	2019384705
2019385558	2019390237	2019391329	2019407845
2019407867	2019408011	2019441236	2020201678
2020220472	2020231014	2020271401	2020272376
2020272937	2020277332	2020309498	2020333461
2020337837	2020366350	2020372832	2020374923
2020406172	2020420368	2020426558	2020446636
2020467306	2020470046	2020476670	2021200649
2021202158	2021202578	2021207544	2021209689
2021213831	2021215129	2021220232	2021229138
2021236230	2021248557	2021249010	2021254011
2021261881	2021268338	2021268653	2021269615
2021271803	2021271961	2021273525	2021274437
2021281774	2021282233	2021292673	2021301176
2021302335	2021308253	2021314201	2021323751
2021323853	2021333596	2021335341	2021343372
2021347106	2021347148	2021352876	2021353687
2021354276	2021356901	2021357705	2021358831
2021361513	2021365921	2021369794	2021370898

Patents Granted**Standard Patents**

2021374656	2021376377	2021378511	2021379686
2021382111	2021385532	2021388036	2021394573
2021399108	2021401910	2021416320	2021417219
2021417736	2021418973	2021429428	2021429754
2021432534	2021432832	2021440929	2021446162
2021446333	2021451244	2021460795	2021479724
2022201132	2022201342	2022202872	2022203860
2022204070	2022204202	2022204327	2022204689
2022205169	2022206545	2022206772	2022209230
2022210051	2022210644	2022215301	2022218471
2022218568	2022220656	2022221430	2022223374
2022224753	2022227807	2022229656	2022231690
2022233180	2022233255	2022233704	2022241546
2022246394	2022247599	2022247854	2022249476
2022252762	2022253213	2022254772	2022255675
2022256136	2022263544	2022264819	2022268303
2022268316	2022270565	2022271374	2022272729
2022275515	2022279448	2022283785	2022287654
2022291501	2022291668	2022293912	2022316518
2022318156	2022319215	2022320553	2022322257
2022430006	2023200259	2023200498	2023201044
2023201056	2023201226	2023201426	2023201521
2023201573	2023201709	2023202016	2023202077
2023202214	2023202522	2023202725	2023202879
2023202890	2023203058	2023203062	2023203068
2023203238	2023203269	2023203315	2023203955
2023204232	2023204640	2023204674	2023208191
2023210667	2023214292	2023216767	2023219909
2023226400	2023226782	2023229512	2023229532
2023229548	2023245795	2023270187	2023278056
2023282312	2023285959	2024202053	2024202376
2024203224	2024203982	2024204161	2024213129

Innovation Patents

2024100044	2024100045	2024100046	2024100047
2024100049	2024100050		

Assignments Registered

2014341879 Monsanto Technology LLC; The United States of America, as represented by the Secretary of Agriculture; Beeologics, Inc. The patent has been assigned to **The United States of America, as represented by the Secretary of Agriculture; GreenLight Biosciences, Inc.**

2016348659 LU License AB The patent has been assigned to **Apri-ligen, Inc.**

2016356697 Flightwave Aerospace Systems The patent has been assigned to **UAVPatent Corp.**

2018100235 Dragontail Systems Ltd. The patent has been assigned to **Yum Connect, LLC**

2019201466 Dragontail Systems Ltd. The patent has been assigned to **Yum Connect, LLC**

2020257097 Monsanto Technology LLC; The United States of America, as represented by the Secretary of Agriculture; Beeologics, Inc. The patent has been assigned to **The United States of America, as represented by the Secretary of Agriculture; GreenLight Biosciences, Inc.**

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Filed

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

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Filed

2013344778 **Endocyte, Inc.**

The earliest first regulatory approval date provided by the patentee 17 Jul 2024

For the goods PLUVICTO lutetium

2014289744 **Les Laboratoires Servier**

The earliest first regulatory approval date provided by the patentee 11 Sep 2024

For the goods VORANIGO vorasidenib

2018360827 **Les Laboratoires Servier**

The earliest first regulatory approval date provided by the patentee 11 Sep 2024

For the goods VORANIGO vorasidenib

2022231749 **Ainylam Pharmaceuticals, Inc.**

The earliest first regulatory approval date provided by the patentee 21 Jun 2024

For the goods AMVUTTRA vutrisiran (as sodium)

Applications Accepted

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

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

2006220829 **Pfizer Products Inc.**

The earliest first regulatory approval date provided by the patentee 23 Jun 2023

For the goods IMJUDO tremelimumab

Address for service : PHILLIPS ORMONDE FITZPATRICK PO Box 323 COLLINS STREET WEST VIC 8007 AU

2014289744 **Les Laboratoires Servier**

The earliest first regulatory approval date provided by the patentee 11 Sep 2024

For the goods VORANIGO vorasidenib

Address for service : Allens Patent & Trade Mark Attorneys 101 Collins Street MELBOURNE VIC 3000 AU

2015274482 **RA Pharmaceuticals, Inc.**

The earliest first regulatory approval date provided by the patentee 20 Aug 2024

For the goods ZILBRYSQ zilucoplan (as tetrasodium)

Address for service : Griffith Hack Level 15 376-390 Collins St MELBOURNE VIC 3000 AU

2015330726 **Ainylam Pharmaceuticals, Inc.**

The earliest first regulatory approval date provided by the patentee 24 Jun 2024

For the goods OXLUMO lumasiran (as sodium)

Address for service : Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2017378102 **Novo Nordisk A/S**

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

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Accepted

For the goods AWIQLI insulin icodec

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

2018360827 **Les Laboratoires Servier**

The earliest first regulatory approval date provided by the patentee 11 Sep 2024

For the goods VORANIGO vorasidenib

Address for service : Allens Patent & Trade Mark Attorneys 101 Collins Street MELBOURNE VIC 3000 AU

2019200828 **RA Pharmaceuticals, Inc.**

The earliest first regulatory approval date provided by the patentee 20 Aug 2024

For the goods ZILBRYSQ zilucoplan (as tetrasodium)

Address for service : Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2021204313 **RA Pharmaceuticals, Inc.**

The earliest first regulatory approval date provided by the patentee 20 Aug 2024

For the goods ZILBRYSQ zilucoplan (as tetrasodium)

Address for service : Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2021269372 **Ainylam Pharmaceuticals, Inc.**

The earliest first regulatory approval date provided by the patentee 24 Jun 2024

For the goods OXLUMO lumasiran (as sodium)

Address for service : Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

Extensions granted

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

2016379097 **Pfizer Inc.**

The earliest first regulatory approval date provided by the patentee 20 Mar 2024

For the goods ABRYSV0 recombinant respiratory syncytial virus pre-fusion F protein

Extension of Term of patent pursuant to Section 77 expires on 20 Mar 2039

2020202970 **Ainylam Pharmaceuticals, Inc.; ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI**

The earliest first regulatory approval date provided by the patentee 28 Nov 2023

For the goods GIVLAARI givosiran

Extension of Term of patent pursuant to Section 77 expires on 10 Apr 2038

Corrigenda

In Vol 35 , No 35 , Page(s) 7066 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Nanjing Shunxin Pharmaceuticals Co., Ltd. Of Chiatai Tianqing Pharmaceutical Group, Application No. 2020212767, under INID (71) cor-

Corrigenda

rect the applicant name to Nanjing Shunxin Pharmaceuticals Co., Ltd.
Of Chiatai Tianqing Pharmaceutical Group.

Specifications Republished

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

2019214967	Kazaryan, M.; Pashikyan, L.
2020325457	Sunwave Communications Co., Ltd.
2020325457	Sunwave Communications Co., Ltd.
2020464487	Shanghai Smartee Denti-Technology Co., Ltd.
2022204711	Sanofi