



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

Contents

General Information & Notices

Amendments

Applications for Amendment	2710
Amendments Made	2711
Alteration of Name(s) of Applicant(s)/Patentee(s)	2712

Applications Accepted

Name Index	2802
Numerical Index	2830
IPC Index	2833

Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired	2706
---	------

Applications Open to Public Inspection

Name Index	2716
Numerical Index	2734
IPC Index	2736

Assignments before Grant, Section 113	2708
---	------

Assignments Registered	2841
------------------------------	------

Certified Innovation Patents

Name Index	2838
Numerical Index	2839
IPC Index	2840

Complete Applications Filed

Name Index	2696
Numerical Index	2702

Complete Specifications Treated as Provisional Specifications, Section 37	2708
--	------

Corrigenda	2842
------------------	------

Extensions of Term of Standard Patents	2842
Extensions of Time, Section 223	2709
Innovation Patent Applications Filed	
Name Index	2704
Numerical Index	2705
Innovation Patents Open to Public Inspection	
Name Index	2739
Numerical Index	2740
IPC Index	2741
PCT applications which have entered the National Phase	
Name Index	2742
Numerical Index	2789
IPC Index	2794
Patents Granted	2841
Offer to Surrender	2841
Opposition Proceedings	2841
Provisional Applications Filed	
Name Index	2691
Numerical Index	2695
Specifications Republished	2842

General Information

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

Editorial enquiries

Contact information

Freedom of Information ACT

Professional Standards Board

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Country Codes

Trade Mark and Designs Hearing Sessions

INID (Internationally agreed Numbers for the Identification of Data)

GUIDE TO THE USE OF THIS JOURNAL

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

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

(i) FILING -

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

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

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

(iii) ACCEPTANCE –

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

(iv) OPPOSITION –

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

(v) GRANTING –

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

(vi) CERTIFICATION

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

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

How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

How Australian Patent Documents are Numbered

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

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

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

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

See Examples:

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

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

For each of the categories

(i) Provisional Applications Filed, (ii)

Complete Applications Filed, (iii)

Applications Open to Public Inspection

(iv) Applications Accepted, and (v)

Innovation Patent Certified.

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

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

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

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

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

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

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

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

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

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

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

The following Numerical Indices are available:

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

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

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

The indices to use are

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

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

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

'INID' NUMBERS in use on Australian Patent Documents

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

(10) Document identification

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

(20) Document filing data

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

(30) Priority data

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

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

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

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

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

(50) Technical Information

(51) International Patent Classification

(52) Domestic or national classification

(54) Title of invention

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

(57) Abstract or claim

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

(60) Related by cognate(s).

(61) Related by addition(s).

(62) Related by division(s).

(70) Identification of parties concerned with the document

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

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

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

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

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

(86) PCT Application Number

(87) PCT Publication Number

NOTE

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

AU-A = Pre-examination

AU-B = Post-examination

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

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

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

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

Proceedings under the Patents Act 1990

Provisional Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 30 Apr 2024 .

(71) 3ME Technology Pty Ltd (21) 2024901309 (22) 07.05.2024 (54) Improvements in Batteries	(71) CHARMINGS GLOBAL PTY LTD (21) 2024901247 (22) 01.05.2024 (54) Desk	(71) Donovan Group Holdings Limited (21) 2024901269 (22) 02.05.2024 (54) TENSILE APPARATUS FOR A STRUCTURE AND METHOD OF USE
(71) Advance ZincTek Limited (21) 2024901255 (22) 02.05.2024 (54) Method for making cathode materials for lithium ion batteries and lithium ion battery incorporating same	(71) Coman, P. (21) 2024901320 (22) 07.05.2024 (54) A CABLE WEIGHT	(71) EMvision Medical Devices Ltd (21) 2024901283 (22) 03.05.2024 (54) Microwave imaging
(71) AMPCONTROL LIMITED (21) 2024901304 (22) 06.05.2024 (54) FLASH ARRESTING DRAIN	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2024901278 (22) 03.05.2024 (54) Method to reduce pest infestation risk	(71) Engentus Pty Ltd (21) 2024901300 (22) 06.05.2024 (54) ADAPTOR DEVICE, RETAINER MEANS, TOOL AND SYSTEM
(71) Baker, A. (21) 2024901256 (22) 02.05.2024 (54) Newborn infant garment	(71) CONCRETE BARRIER CLEANING AUSTRALIA PTY LTD (21) 2024901270 (22) 03.05.2024 (54) Concrete barrier cleaning and painting machine	(71) EnviroGold Global Pty Ltd (21) 2024901328 (22) 08.05.2024 (54) PROCESS FOR RECOVERY OF METALS FROM REFRACTORY ORES
(71) batterham, a. (21) 2024901236 (22) 01.05.2024 (54) Prism light code keys	(71) CONTAINER ROTATION SYSTEMS PTY LTD (21) 2024901319 (22) 07.05.2024 (54) A CONTAINER ROTATING DEVICE	(71) Fisher & Paykel Appliances (21) 2024901248 (22) 01.05.2024 (54) METHOD FOR CONTROLLING LAUNDRY MACHINE AND LAUNDRY MACHINE THEREOF
(71) batterham, a. (21) 2024901254 (22) 02.05.2024 (54) Body and hair cream	(71) Coutts, C. (21) 2024901321 (22) 07.05.2024 (54) Pressure Distribution Device	(71) Flinders University (21) 2024901323 (22) 07.05.2024 (54) INTERNAL CONTROLS FOR STANDARDISATION OF QUANTIFICATION OF CIRCULAR RNAS
(71) Breville Pty Limited (21) 2024901282 (22) 03.05.2024 (54) A kitchen appliance	(71) ctd.net.au Pty Ltd (21) 2024901260 (22) 02.05.2024 (54) Elder Wealth Insite is a process for providing information to aged care or home care families to ensure they are aware of the financial implications of their decisions on funding care and are constantly updating Services Australia to maximise their pension entitlements and minimise their costs of care. It is funded through the Additional Services programs of care providers, and stops short of providing any specific financial advice , it is only general advice and information gathering and provision to the relevant parties.	(71) Formus Labs Limited (21) 2024901242 (22) 01.05.2024 (54) METHOD AND SYSTEM FOR OPTIMISING ORTHOPAEDIC TREATMENT
(71) Burgis, W. (21) 2024901266 (22) 02.05.2024 (54) Biodegradable composition for nodules and articles thereof		(71) Fortus Wear Technologies Pty Ltd (21) 2024901324 (22) 07.05.2024 (54) A Track Pad
(71) Canning, J. (21) 2024901243 (22) 01.05.2024 (54) Transducers Sensors Devices		

Provisional Applications Filed - Name Index cont'd

(71) FrothStop Pty Ltd
(21) 2024901263 (22) 02.05.2024
(54) AUTOMATED BEVERAGE DISPENSING

(71) FST INNOVATION PTY LTD
(21) 2024901297 (22) 06.05.2024
(54) FIRE SPRINKLER AND FIRE SPRINKLER SYSTEM TESTING DEVICE, METHOD AND SYSTEM

(71) Future Battery Industries CRC Ltd
(21) 2024901252 (22) 01.05.2024
(54) Ce-doped and CeO₂-coated NCM cathode materials

Garred, L. see Ryan, S.
(21) 2024901245

Garred, A. see Ryan, S.
(21) 2024901245

(71) GoLogic Group Pty Ltd
(21) 2024901280 (22) 03.05.2024
(54) Communications and System and Method

(71) Gram Engineering Pty Ltd
(21) 2024901294 (22) 06.05.2024
(54) MEASURES TO ADDRESS THE PROBLEM OF SUDDEN UNINTENDED ACCELERATION OF MOTOR VEHICLES

(71) Hemp Engineered Masonry Industry Systems Pty Ltd
(21) 2024901268 (22) 02.05.2024
(54) Building Panel

(71) Heritage Display Plates
(21) 2024901251 (22) 01.05.2024
(54) Process of creating Business Display Number Plates

(71) Heyday RX Pty Ltd
(21) 2024901312 (22) 07.05.2024
(54) Cannabinoid Compositions

(71) Heyday RX Pty Ltd
(21) 2024901329 (22) 08.05.2024
(54) Cannabinoid Compositions

(71) Highwood Enterprises Pty Ltd
(21) 2024901277 (22) 03.05.2024
(54) A BATTEN & BATTEN SYSTEM

(71) HUDSON INSTITUTE OF MEDICAL RESEARCH; MONASH UNIVERSITY; MONASH HEALTH
(21) 2024901327 (22) 07.05.2024
(54) A method of treatment

(71) Hydrogen Renewable Energy Australia Pty Ltd
(21) 2024901315 (22) 07.05.2024
(54) Process for producing alkali metals or alkaline earths

(71) Illinois Tool Works Inc.
(21) 2024901265 (22) 02.05.2024
(54) Anchor

(71) Imdex Technologies Pty Ltd
(21) 2024901303 (22) 06.05.2024
(54) Drilling fluid containing a clay/shale inhibitor, and methods of using same

(71) Imdex Technologies Pty Ltd
(21) 2024901305 (22) 06.05.2024
(54) Drilling fluid containing a clay/shale inhibitor, and methods of using same

(71) Mac an Iomaire, P.
(21) 2024901293 (22) 06.05.2024
(54) Construction industry safety footwear

Meat & Livestock Australia Limited see The University of Queensland
(21) 2024901295

(71) Meet PAT Technology Pty Ltd
(21) 2024901322 (22) 07.05.2024
(54) Smart drinking fountain

(71) Milroy, H.
(21) 2024901290 (22) 05.05.2024
(54) EMI Consciousness Translator

(71) MineARC Systems Pty Ltd
(21) 2024901272 (22) 03.05.2024
(54) Debris Clearance System and Method

MONASH HEALTH see HUDSON INSTITUTE OF MEDICAL RESEARCH
(21) 2024901327

(71) Monash University; The Walter and Eliza Hall Institute of Medical Research
(21) 2024901261 (22) 02.05.2024
(54) Structurally constrained antibodies

(71) Monash University
(21) 2024901285 (22) 03.05.2024
(54) Catheter

MONASH UNIVERSITY see HUDSON INSTITUTE OF MEDICAL RESEARCH
(21) 2024901327

(71) naturise pty ltd
(21) 2024901291 (22) 05.05.2024
(54) PowerSub, a submersible vessel to provide nuclear power.

Neimeijer, J. see Skoopety Pet Friend
(21) 2024901262

(71) NewSouth Innovations Pty Limited
(21) 2024901250 (22) 01.05.2024
(54) Metal leaching using continuous stirred-tank reactors in end-of-life photovoltaic recycling

(71) NewSouth Innovations Pty Limited
(21) 2024901281 (22) 03.05.2024
(54) Rotary drum recycling of photovoltaic panels

(71) NEWSOUTH INNOVATIONS PTY LIMITED
(21) 2024901257 (22) 02.05.2024
(54) Electrochemical fluorescence modulation for multicolour imaging techniques

(71) Noy, T.
(21) 2024901259 (22) 02.05.2024
(54) Recycled DC Electricity using Solar Energy and stored Battery Energy.

(71) Octo Industries PTY LTD
(21) 2024901267 (22) 02.05.2024
(54) Beverage container storage and retrieval device

(71) Offsite Engineering Solutions Pty Ltd
(21) 2024901310 (22) 07.05.2024
(54) Modular Building Non-Habitable

(71) Oilcom Pty Ltd
(21) 2024901275 (22) 03.05.2024
(54) A MANUALLY PORTABLE OIL TANK

(71) OKK Pty Ltd
(21) 2024901316 (22) 07.05.2024
(54) SLEEPER AND RETAINING WALL

(71) Oliver, J.R.
(21) 2024901258 (22) 02.05.2024
(54) Perpetual Motion, Free (& clean/green energy) Hydro-(to Electric) Power Generation Machine.

Provisional Applications Filed - Name Index cont'd

(71) OVER THE LINE PTY LTD
(21) 2024901308 (22) 06.05.2024
(54) ARTICLE HOLDING ASSEMBLY

(71) Palmaya Pty Ltd
(21) 2024901264 (22) 02.05.2024
(54) Subcutaneous Delivery Method

(71) Palmer, M.
(21) 2024901301 (22) 06.05.2024
(54) Load restraint device

(71) Parasymp Ltd
(21) 2024901284 (22) 03.05.2024
(54) Neuromodulation platform

(71) PDI Australia
(21) 2024901311 (22) 07.05.2024
(54) Method and apparatus for sleeper retaining wall installation

(71) Piscioneri, C.
(21) 2024901325 (22) 07.05.2024
(54) Electronic Cigarette

(71) PYC Therapeutics Limited
(21) 2024901296 (22) 06.05.2024
(54) Advanced compositions and methods for treatment of kidney disease 2

(71) Red Hot Golf
(21) 2024901289 (22) 04.05.2024
(54) A golf putter with a modified head with lines marked for direction guidance and a change of weightage points to prevent rotation while executing a shot

(71) Relbia Nominees Pty Ltd
(21) 2024901273 (22) 03.05.2024
(54) Vacuum motor pod

(71) ResMed Asia Pte. Ltd.
(21) 2024901286 (22) 03.05.2024
(54) ASSEMBLY APPARATUS

(71) ResMed Asia Pte. Ltd.
(21) 2024901287 (22) 03.05.2024
(54) ASSEMBLY APPARATUS

Ryan, B. see Ryan, S.
(21) 2024901245

(71) Ryan, S.; Ryan, B.; Garred, L.; Garred, A.
(21) 2024901245 (22) 01.05.2024
(54) A beverage can stacking container

(71) Short, M.
(21) 2024901292 (22) 05.05.2024
(54) Flow Stop O-Ring Inserter Tool

(71) Skoopey Pet Friend; Neimeijer, J.
(21) 2024901262 (22) 02.05.2024
(54) Invention 100 is a Keeping A Bag Open Tool. Invention 100 consists of 1 part made from hard material. When keeping a relatively small bag open with one hand in order to put something inside the bag with the other hand, or when someone else is putting something inside the bag, it is not easy to keep the bag open well with that one hand. It is furthermore likely that the hand that is keeping the bag open is touched by whatever is being put inside the bag. When using invention 100 to keep a bag open, the bag is kept open well and the hand that holds invention 100 is unlikely to be touched by what

(71) Solar Sailor Pty Ltd
(21) 2024901299 (22) 06.05.2024
(54) Rudder Assembly of a Marine Vessel

(71) Soliton Network Devices Pty Ltd
(21) 2024901274 (22) 03.05.2024
(54) Systems and Methods for Delivering Light Underwater

(71) Southern Cross Small Arms Pty Ltd
(21) 2024901307 (22) 06.05.2024
(54) An Improved Bolt, Barrel Extension and Assembly

(71) Southern Green Gas Limited
(21) 2024901314 (22) 07.05.2024
(54) A Carbon Dioxide Refilling Appliance

(71) Sovereign Propulsion Systems Pty Ltd
(21) 2024901298 (22) 06.05.2024
(54) Uncrewed Aerial Vehicle

(71) Steyn, S.
(21) 2024901306 (22) 06.05.2024
(54) Steyn's Real Biltong / Jerky Powder Cream Cheese Spread.

(71) Strata Linings Pty Ltd
(21) 2024901249 (22) 01.05.2024
(54) Modular Overcast, System and Method

(71) Strike 3D Ltd
(21) 2024901276 (22) 03.05.2024
(54) System for use of multi sensor headset for custom orthoses

(71) SuperCritical Pty Ltd
(21) 2024901302 (22) 06.05.2024
(54) Compositions and methods for producing a biological response in plants

(71) SWC Designs Pty Ltd
(21) 2024901279 (22) 03.05.2024
(54) Sprinkler Protector

(71) The Trustee for The Flanagan Family Trust
(21) 2024901326 (22) 07.05.2024
(54) FENCETRACK

(71) The University of Adelaide
(21) 2024901288 (22) 03.05.2024
(54) AGENTS AND PROCESSES FOR RECYCLING BATTERIES

(71) The University of Queensland; Meat & Livestock Australia Limited
(21) 2024901295 (22) 06.05.2024
(54) A Trichomoniasis Vaccine

(71) The University of Western Australia
(21) 2024901244 (22) 01.05.2024
(54) MEMS devices and methods of using and manufacturing MEMS devices

The Walter and Eliza Hall Institute of Medical Research see Monash University
(21) 2024901261

(71) Tianqi Lithium Kwinana Pty Ltd
(21) 2024901246 (22) 01.05.2024
(54) A Process for Producing a Supplementary Cementitious Material

(71) Trelleborg Perth Pty Ltd
(21) 2024901313 (22) 07.05.2024
(54) A lining system

(71) Triumph IP Pty Ltd
(21) 2024901241 (22) 01.05.2024
(54) A thermoresponsive injectable hydrogel for intravascular administration

(71) Vapour Science
(21) 2024901317 (22) 07.05.2024
(54) Vapour Science Natural Anti-Viral, Anti-Bacterial and Anti-Fungal Ultrasonic System. Extension 2024

(71) Welcome Receptor Antibodies Pty Ltd
(21) 2024901271 (22) 03.05.2024
(54) Anti-NPY-Y1 antibodies and uses thereof

Provisional Applications Filed - Name Index cont'd

(71) Williams, C.
(21) 2024901318 (22) 07.05.2024
(54) Modular heat pump apparatus

Numerical Index

2024901236	batterham, a.	2024901305	Imdex Technologies Pty Ltd
2024901241	Triumph IP Pty Ltd	2024901306	Steyn, S.
2024901242	Formus Labs Limited	2024901307	Southern Cross Small Arms Pty Ltd
2024901243	Canning, J.	2024901308	OVER THE LINE PTY LTD
2024901244	The University of Western Australia	2024901309	3ME Technology Pty Ltd
2024901245	Ryan, S.; Ryan, B.; Garred, L.; Garred, A.	2024901310	Offsite Engineering Solutions Pty Ltd
2024901246	Tianqi Lithium Kwinana Pty Ltd	2024901311	PDI Australia
2024901247	CHARMINGS GLOBAL PTY LTD	2024901312	Heyday RX Pty Ltd
2024901248	Fisher & Paykel Appliances	2024901313	Trelleborg Perth Pty Ltd
2024901249	Strata Linings Pty Ltd	2024901314	Southern Green Gas Limited
2024901250	NewSouth Innovations Pty Limited	2024901315	Hydrogen Renewable Energy Australia Pty Ltd
2024901251	Heritage Display Plates	2024901316	OKK Pty Ltd
2024901252	Future Battery Industries CRC Ltd	2024901317	Vapour Science
2024901254	batterham, a.	2024901318	Williams, C.
2024901255	Advance ZincTek Limited	2024901319	CONTAINER ROTATION SYSTEMS PTY LTD
2024901256	Baker, A.	2024901320	Coman, P.
2024901257	NEWSOUTH INNOVATIONS PTY LIMITED	2024901321	Coutts, C.
2024901258	Oliver, J.R.	2024901322	Meet PAT Technology Pty Ltd
2024901259	Noy, T.	2024901323	Flinders University
2024901260	ctd.net.au Pty Ltd	2024901324	Fortus Wear Technologies Pty Ltd
2024901261	Monash University; The Walter and Eliza Hall Institute of Medical Research	2024901325	Piscioneri, C.
2024901262	Skooppey Pet Friend; Neimeijer, J.	2024901326	The Trustee for The Flanagan Family Trust
2024901263	FrothStop Pty Ltd	2024901327	HUDSON INSTITUTE OF MEDICAL RESEARCH; MONASH UNIVERSITY; MONASH HEALTH
2024901264	Palmaya Pty Ltd	2024901328	EnviroGold Global Pty Ltd
2024901265	Illinois Tool Works Inc.	2024901329	Heyday RX Pty Ltd
2024901266	Burgis, W.		
2024901267	Octo Industries PTY LTD		
2024901268	Hemp Engineered Masonry Industry Systems Pty Ltd		
2024901269	Donovan Group Holdings Limited		
2024901270	CONCRETE BARRIER CLEANING AUSTRALIA PTY LTD		
2024901271	Welcome Receptor Antibodies Pty Ltd		
2024901272	MineARC Systems Pty Ltd		
2024901273	Relbia Nominees Pty Ltd		
2024901274	Soliton Network Devices Pty Ltd		
2024901275	Oilcom Pty Ltd		
2024901276	Strike 3D Ltd		
2024901277	Highwood Enterprises Pty Ltd		
2024901278	Commonwealth Scientific and Industrial Research Organisation		
2024901279	SWC Designs Pty Ltd		
2024901280	GoLogic Group Pty Ltd		
2024901281	NewSouth Innovations Pty Limited		
2024901282	Breville Pty Limited		
2024901283	EMvision Medical Devices Ltd		
2024901284	Parasym Ltd		
2024901285	Monash University		
2024901286	ResMed Asia Pte. Ltd.		
2024901287	ResMed Asia Pte. Ltd.		
2024901288	The University of Adelaide		
2024901289	Red Hot Golf		
2024901290	Milroy, H.		
2024901291	naturise Pty Ltd		
2024901292	Short, M.		
2024901293	Mac an Iomaire, P.		
2024901294	Gram Engineering Pty Ltd		
2024901295	The University of Queensland; Meat & Livestock Australia Limited		
2024901296	PYC Therapeutics Limited		
2024901297	FST INNOVATION PTY LTD		
2024901298	Sovereign Propulsion Systems Pty Ltd		
2024901299	Solar Sailor Pty Ltd		
2024901300	Engentus Pty Ltd		
2024901301	Palmer, M.		
2024901302	SuperCritical Pty Ltd		
2024901303	Imdex Technologies Pty Ltd		
2024901304	AMPCONTROL LIMITED		

Complete Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 30 Apr 2024 .

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

(71) ACER INCORPORATED (21) 2024202907 (22) 02.05.2024 (54) Communication device and method for handling evaluations for candidate target primary secondary cells	(71) Apple Inc. (21) 2024203010 (22) 07.05.2024 (54) Gesture based graphical user interface for managing concurrently open software applications	(71) Biofabri S.L.; Universidad de Zaragoza (21) 2024203034 (22) 08.05.2024 (54) Compositions for use as a prophylactic agent to those at risk of infection of tuberculosis, or as secondary agents for treating infected tuberculosis patients
(71) Adobe Inc. (21) 2024203033 (22) 08.05.2024 (54) SYSTEMS AND METHODS FOR IMAGE COMPOSITING	(71) Apple Inc. (21) 2024203021 (22) 08.05.2024 (54) Displaying options, assigning notification, ignoring messages, and simultaneous user interface displays in a messaging application	(71) Bio-Thera Solutions, Ltd. (21) 2024203006 (22) 07.05.2024 (54) Recombinant antibody having unique glycan profile produced by CHO host cell with edited genome and preparation method thereof
(71) AdvanSix Resins & Chemicals LLC (21) 2024202898 (22) 02.05.2024 (54) Surfactants for cleaning products	(71) Assa Abloy AB (21) 2024202904 (22) 02.05.2024 (54) Visually impaired mode keypad	(71) Blackhawk Network, Inc. (21) 2024202927 (22) 03.05.2024 (54) Computer-based data collection, management, and forecasting
(71) Air Products and Chemicals, Inc. (21) 2024202928 (22) 03.05.2024 (54) APPARATUS AND METHOD FOR HORIZONTAL TRANSPORT AND VERTICAL INSTALLATION OF HEAT EXCHANGER	(71) AstraZeneca AB (21) 2024202963 (22) 03.05.2024 (54) METHODS AND COMBINATIONS FOR THE TREATMENT OF CANCER USING IMMUNE CHECKPOINT INHIBITOR ANTIBODIES	(71) Block, Inc. (21) 2024202880 (22) 01.05.2024 (54) Raw sensor input encryption for passcode entry security
Akulshin, R. see Sullivan, D. (21) 2024202957	(71) Aurinia Pharmaceuticals Inc. (21) 2024202977 (22) 06.05.2024 (54) Improved protocol for treatment of lupus nephritis	(71) Braincare Desenvolvimento E Inovação Tecnológica S.A. (21) 2024202896 (22) 02.05.2024 (54) METHOD AND SYSTEM FOR NON-INVASIVE MANAGEMENT AND MONITORING OF INTRACRANIAL PRESSURE AND A DEVICE FOR MEASURING OF A SKULL VOLUMETRIC VARIATION
(71) AMPLUS Co., Ltd. (21) 2024203001 (22) 07.05.2024 (54) Method, apparatus, and program for controlling display	(71) Austrak Pty Ltd (21) 2024202920 (22) 02.05.2024 (54) Structural member and method of producing a structural member	(71) BROLOCK PTY LTD (21) 2024202888 (22) 01.05.2024 (54) A HINGE
(71) Anavex Life Sciences Corp. (21) 2024202998 (22) 07.05.2024 (54) Sigma-1 receptor agonist systolic blood pressure therapy	(71) BASF Corporation (21) 2024202925 (22) 02.05.2024 (54) Pest monitoring system with conductive electrodes	(71) Bruin Biometrics LLC (21) 2024202995 (22) 06.05.2024 (54) Apparatus and methods for determining damaged tissue using sub-epidermal moisture measurements
(71) AOSOL Pty Ltd (21) 2024202966 (22) 03.05.2024 (54) Gas Treatment Module	(71) Behnam, Z. (21) 2024203017 (22) 07.05.2024 (54) Firefighting System	(71) Canva Pty Ltd (21) 2024202871 (22) 01.05.2024 (54) Image generation
(71) Apple Inc. (21) 2024202935 (22) 03.05.2024 (54) Devices and methods for measuring using augmented reality	(71) Bendix Commercial Vehicle Systems LLC (21) 2024203020 (22) 08.05.2024 (54) Electronic park brake interface module, park brake controller and system	(71) Canva Pty Ltd (21) 2024202873 (22) 01.05.2024 (54) Image generation
(71) Apple Inc. (21) 2024202936 (22) 03.05.2024 (54) Device, method, and graphical user interface for managing concurrently open software applications		

Complete Applications Filed - Name Index cont'd

(71) Canva Pty Ltd
(21) 2024202875 (22) 01.05.2024
(54) Systems and methods for generating and using training data

(71) Canva Pty Ltd
(21) 2024202881 (22) 01.05.2024
(54) A design generation system

(71) Canva Pty Ltd
(21) 2024202882 (22) 01.05.2024
(54) Systems and methods for generating model representation data for a design

(71) Canva Pty Ltd
(21) 2024202883 (22) 01.05.2024
(54) Systems and methods for automatically generating editable designs

(71) Canva Pty Ltd
(21) 2024202884 (22) 01.05.2024
(54) Systems and methods for training a design generation system

(71) Canva Pty Ltd
(21) 2024202886 (22) 01.05.2024
(54) Systems and methods for automatically selecting a design

(71) Caterpillar Global Mining Equipment LLC
(21) 2024203024 (22) 08.05.2024
(54) DYNAMIC BRAKING TORQUE SPLIT FOR OPTIMAL THERMAL MANAGEMENT

(71) CATERPILLAR PAVING PRODUCTS INC.
(21) 2024202947 (22) 03.05.2024
(54) CATERPILLAR PAVING PRODUCTS INC.

(71) CATERPILLAR PAVING PRODUCTS INC.
(21) 2024203026 (22) 08.05.2024
(54) PAVING MACHINE INCLUDING SCREED ASSEMBLY WITH COMPRESSION MECHANISMS

Celalettin, H. see Celalettin, M.
(21) 2024203004

(71) Celalettin, M.; Celalettin, H.
(21) 2024203004 (22) 07.05.2024
(54) Microphone and Camera Lens Privacy Smartphone Case Semantic Noise Tele-Intrusion, Nonce and Low-Contrast Anti-Surveillance Equipment

(71) Chengdu Tulin Technology Co., Ltd.
(21) 2024203028 (22) 08.05.2024
(54) External energy pack locomotive system

(71) Chevron Oronite Company LLC
(21) 2024203007 (22) 07.05.2024
(54) Lubricating oil composition

(71) Chr. Hansen HMO GmbH
(21) 2024202917 (22) 02.05.2024
(54) Sialyltransferases and their use in producing sialylated oligosaccharides

(71) CinDome Pharma, Inc.
(21) 2024202861 (22) 01.05.2024
(54) Formulations containing domperidone

(71) ConMed Corporation
(21) 2024202863 (22) 01.05.2024
(54) SOFT TISSUE CUTTING INSTRUMENT WITH SELF LOCKING, MULTI-POSITION, AND SLIDE BUTTON LINEARLY ACTUATED RETRACTABLE BLADE OR HOOK

(71) Covco (H.K.) Limited
(21) 2024203023 (22) 08.05.2024
(54) Ambidextrous fish scale-textured glove

Crook, E. see Sullivan, D.
(21) 2024202957

(71) Digital Discovery Pty Ltd
(21) 2024202967 (22) 04.05.2024
(54) Digital native, diverse and disabled user testing platform

(71) DNA GLOBAL PTY LTD
(21) 2024202969 (22) 05.05.2024
(54) Derm sculpt Bioneedles: Enhanced Micro Biomaterials for Dermatological Treatments

(71) donoteat research
(21) 2024202941 (22) 03.05.2024
(54) Automated algorithm and data model to facilitate finding counter-parties for trade

(71) DRAEGER SAFETY AG & CO. KGAA
(21) 2024202878 (22) 01.05.2024
(54) SAFETY HELMET WITH AN INTERMEDIATE PIECE FOR CHANGING THE CENTER OF GRAVITY AND ARRANGEMENTS COMPRISING SUCH A SAFETY HELMET AND TWO ALTERNATIVE INTERMEDIATE PIECES

(71) Dzyne Technologies Incorporated
(21) 2024202990 (22) 06.05.2024
(54) VERTICAL TAKEOFF AND LANDING AIRCRAFT

(71) Eavor Technologies Inc.
(21) 2024202902 (22) 02.05.2024
(54) METHOD FOR ON DEMAND POWER PRODUCTION UTILIZING GEOLOGIC THERMAL RECOVERY

(71) Ecolab USA Inc.
(21) 2024202973 (22) 06.05.2024
(54) Measured dosing and spray bottle for multi-use applications and associated method of using

(71) Eli Lilly and Company
(21) 2024202921 (22) 02.05.2024
(54) Systems and methods for displaying patient data

(71) Ensing, M.
(21) 2024202985 (22) 06.05.2024
(54) SYSTEM AND METHOD OF PROVIDING CUSTOMIZED CONTENT BY A VIRTUAL DOCENT

(71) EXEL INDUSTRIES
(21) 2024202862 (22) 01.05.2024
(54) Spray boom comprising at least one secondary duct section

(71) Father Flanagan's Boys' Home doing business as Boys Town National Research Hospital
(21) 2024202901 (22) 02.05.2024
(54) Neutralizing antibodies to human endothelin

(71) Fertin Pharma A/S
(21) 2024202892 (22) 01.05.2024
(54) A SOLID PHARMACEUTICAL TABLET

(71) Field Engine Wildlife Research and Management LLC
(21) 2024202981 (22) 06.05.2024
(54) Animal trap

(71) Fisher & Paykel Healthcare Limited
(21) 2024202975 (22) 06.05.2024
(54) RESPIRATORY MASK SEALING INTERFACE

(71) Fisher & Paykel Healthcare Limited
(21) 2024202976 (22) 06.05.2024
(54) FLEXIBLE MASK COUPLING

Complete Applications Filed - Name Index cont'd

(71) Fisher & Paykel Healthcare Limited
(21) 2024203030 (22) 08.05.2024
(54) Headgear Adjustment Mechanism

(71) FISHER & PAYKEL HEALTHCARE LIMITED
(21) 2024203019 (22) 08.05.2024
(54) A RESPIRATORY USER INTERFACE

(71) FLSmidth A/S
(21) 2024202858 (22) 01.05.2024
(54) Centrifugal separator having an improved flow and system comprising such a centrifugal separator

(71) Flying Fin Systems Pty Ltd
(21) 2024203015 (22) 07.05.2024
(54) Fins with improved fluid dynamic properties

(71) Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.
(21) 2024202899 (22) 02.05.2024
(54) Apparatus and audio signal processor, for providing a processed audio signal representation, audio decoder, audio encoder, methods and computer programs

(71) Gas Technology Institute
(21) 2024203038 (22) 08.05.2024
(54) Noble metal catalysts and processes for reforming of methane and other hydrocarbons

(71) GILEAD SCIENCES, INC.
(21) 2024202988 (22) 06.05.2024
(54) Interleukin-2-Fc fusion proteins and methods of use

(71) Globalforce IP Limited
(21) 2024202866 (22) 01.05.2024
(54) METHODS RELATING TO PEST CONTROL

(71) Global International Trading Limited
(21) 2024202874 (22) 01.05.2024
(54) Curtain-blind

(71) Gritstone Bio, Inc.
(21) 2024202903 (22) 02.05.2024
(54) Neoantigen identification, manufacture, and use

(71) Hangzhou Ulike Technology Co., Ltd.
(21) 2024202994 (22) 06.05.2024
(54) BEAUTY FACE MASK

(71) Hanshow Technology Co., Ltd.
(21) 2024202974 (22) 06.05.2024

(54) Positioning method for electronic shelf label, computer device, and storage medium

(71) Harrison, T.
(21) 2024202996 (22) 07.05.2024
(54) IMPROVED HYDROPONIC SYSTEM

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

(71) HONEYWELL INTERNATIONAL INC.
(21) 2024202948 (22) 03.05.2024
(54) HUMAN MACHINE INTERFACE FOR PROVIDING INFORMATION TO AN OPERATOR OF AN INDUSTRIAL PRODUCTION FACILITY

(71) Howmedica Osteonics Corp.; IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
(21) 2024203002 (22) 07.05.2024
(54) VIRTUAL LIGAMENT BALANCING

(71) Huang, Z.
(21) 2024202964 (22) 03.05.2024
(54) Pistol

(71) Huawei Technologies Co., Ltd.
(21) 2024202867 (22) 01.05.2024
(54) MULTI-LINK COMMUNICATION SETUP METHOD AND RELATED APPARATUS

(71) Illinois Tool Works Inc.
(21) 2024202870 (22) 01.05.2024
(54) Apparatus for driving fasteners

(71) Imtrade Australia Pty Ltd
(21) 2024202940 (22) 03.05.2024
(54) Butafenacil formulation

(71) Imtrade Australia Pty Ltd
(21) 2024202942 (22) 03.05.2024
(54) Pesticide formulation comprising Bifenthrin

(71) Imtrade Australia Pty Ltd
(21) 2024202943 (22) 03.05.2024
(54) Pesticide formulation

(71) Infrabuild Wire Pty Ltd
(21) 2024202958 (22) 03.05.2024
(54) ELECTRICAL OFFSETS FOR INSULATORS

(71) InterDigital VC Holdings, Inc.
(21) 2024203025 (22) 08.05.2024
(54) Processing a point cloud

(71) International Business Machines Corporation
(21) 2024202949 (22) 03.05.2024
(54) Layered hybrid quantum architecture for quantum computing applications

(71) Intuit Inc.
(21) 2024202914 (22) 02.05.2024
(54) Systems and methods for quantifying saved time

IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD see Howmedica Osteonics Corp.
(21) 2024203002

(71) JC Medical, Inc.
(21) 2024202864 (22) 01.05.2024
(54) Heart valve prosthesis and delivery

(71) Ji Xing Pharmaceuticals Hong Kong Limited
(21) 2024202860 (22) 01.05.2024
(54) Metalloenzyme inhibitor compounds

(71) Joint AU Venture Pty Ltd
(21) 2024202965 (22) 03.05.2024
(54) A Container

(71) JVD, Inc.
(21) 2024202908 (22) 02.05.2024
(54) Lightweight livestock ear tag device housing

(71) Karyopharm Therapeutics, Inc.
(21) 2024202868 (22) 01.05.2024
(54) Hydrazide containing nuclear transport modulators and uses thereof

(71) KDB INTELLECTUAL PTY LTD
(21) 2024202913 (22) 02.05.2024
(54) MULTI-LOCK AND METHOD OF USE

(71) KLEIN, A.
(21) 2024202922 (22) 02.05.2024
(54) NIGHT VISION APPARATUS AND BRIDGE MOUNT THEREFOR

(71) Kodiak Sciences Inc.
(21) 2024202872 (22) 01.05.2024
(54) Antibodies and conjugates thereof

(71) Koninklijke Douwe Egberts B.V.
(21) 2024202979 (22) 06.05.2024
(54) Spray-dried coffee product and production method

Complete Applications Filed - Name Index cont'd

(71) Kyocera Corporation
(21) 2024202890 (22) 01.05.2024
(54) Artificial joint stem and artificial hip joint

(71) Kyocera Corporation; Saga University
(21) 2024202891 (22) 01.05.2024
(54) Artificial joint stem and artificial hip joint

(71) LG Electronics Inc.
(21) 2024203027 (22) 08.05.2024
(54) TRANSFORM-BASED IMAGE CODING METHOD, AND APPARATUS THEREFOR

(71) Lineage Logistics, LLC
(21) 2024203029 (22) 08.05.2024
(54) PROFILING PALLETS AND GOODS IN A WAREHOUSE ENVIRONMENT

(71) Liu, C.
(21) 2024202923 (22) 02.05.2024
(54) A Stringing Board for Recurve Bows and Longbows

(71) Logical Brands, Inc.
(21) 2024202984 (22) 06.05.2024
(54) ANIMAL TOYS WITH INCORPORATED FLAVOR COMPOSITIONS

(71) Manufacturing Resources International, Inc.
(21) 2024202986 (22) 06.05.2024
(54) Forced air cooling for display assemblies

(71) Mapp Biopharmaceutical, Inc.
(21) 2024202894 (22) 02.05.2024
(54) Anti-respiratory syncytial virus antibodies, methods of their generation and use

(71) MasterCard International Incorporated
(21) 2024202946 (22) 03.05.2024
(54) Method and system for gross settlement by use of an opaque blockchain

(71) MatOrtho Limited
(21) 2024202944 (22) 03.05.2024
(54) Ceramic Acetabular Cup

(71) MERRY LIFE BIOMEDICAL COMPANY, LTD.
(21) 2024202954 (22) 03.05.2024
(54) A FORMULATION WITH IMPROVED BIOAVAILABILITY

(71) Mesiha, w.
(21) 2024202956 (22) 03.05.2024

(54) THE KANGROO'S TEAT CUP WITH ITS NOZZEL KIT FOR THE YOUNG CHILDREN

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

(71) Miles, S.
(21) 2024203040 (22) 08.05.2024
(54) VEHICLE MIRRORS

(71) Modern Flames, LLC
(21) 2024202926 (22) 02.05.2024
(54) Thin Film Faux Fireplace With Two-Sided View

(71) Monash University
(21) 2024202980 (22) 06.05.2024
(54) Lymph directing prodrugs

(71) Moore, C.
(21) 2024202970 (22) 06.05.2024
(54) 3D doubly curved thermoplastic pultrusion system and method

(71) Moore, C.
(21) 2024202978 (22) 06.05.2024
(54) Self Contained Energy and Facilities Centre

(71) Motosko III, S.J.
(21) 2024202909 (22) 02.05.2024
(54) Apparatus for plasma treating and process for producing modified protein structure

(71) MOUNSER, L.
(21) 2024203005 (22) 07.05.2024
(54) A SYSTEM FOR CONTROLLING THE INSIDE TEMPERATURE OF A BUILDING

(71) Multibar Pty Ltd
(21) 2024202905 (22) 02.05.2024
(54) Wheelbarrow tow attachment

(71) NANCARROW HOLDINGS PTY LTD
(21) 2024202951 (22) 03.05.2024
(54) Crop Protection System

(71) National Oilwell Varco, L.P.
(21) 2024202992 (22) 06.05.2024
(54) Valve having protected, moveable seal and seal assembly therefor

(71) Navipharm Co., Ltd.; University-Industry Cooperation Group of Kyung Hee University

(21) 2024202972 (22) 06.05.2024
(54) Novel lactic and bacteria and use thereof

(71) Newbury, J.
(21) 2024202916 (22) 02.05.2024
(54) OFFSHORE FLOATING WAVE GENERATOR ASSEMBLY

(71) NextKidney SA
(21) 2024203014 (22) 07.05.2024
(54) EASILY MOVABLE BLOOD PURIFICATION SYSTEMS

(71) Nextracker LLC
(21) 2024202960 (22) 03.05.2024
(54) Systems and Methods for Split-Cell and Multi-Panel Photovoltaic Tracking Control

(71) Novalith Technologies Pty Ltd
(21) 2024202989 (22) 06.05.2024
(54) Apparatus for extracting lithium from ore

Novartis AG see The Trustees of the University of Pennsylvania
(21) 2024202889

(71) Novartis AG
(21) 2024202897 (22) 02.05.2024
(54) MANUFACTURE OF COMPOUNDS AND COMPOSITIONS FOR INHIBITING THE ACTIVITY OF SHP2

(71) OCTOPUS ENERGY HEATING LIMITED
(21) 2024203018 (22) 07.05.2024
(54) METHODS AND SYSTEMS AND APPARATUS TO SUPPORT REDUCED ENERGY AND WATER USAGE

(71) Opko Ireland Global Holdings, Ltd.
(21) 2024202877 (22) 01.05.2024
(54) VITAMIN D PEDIATRIC DOSAGE FORMS, METHODS OF MAKING AND USING

(71) Optimum Tracker
(21) 2024202962 (22) 03.05.2024
(54) Method for Controlling the Orientation of a Solar Module with Two Photoactive Faces

Pais, F.C. see Thulasy Ram, T.P.
(21) 2024202968

Complete Applications Filed - Name Index cont'd

(71) Phaslo Global Pty Ltd
(21) 2024203016 (22) 07.05.2024
(54) IMPROVED PALLET SHIPPER

(71) President and Fellows of Harvard College
(21) 2024203000 (22) 07.05.2024
(54) Large gene excision and insertion

(71) ProKidney
(21) 2024203036 (22) 08.05.2024
(54) Isolated renal cells and uses thereof

(71) QMR (IP) PTY LTD
(21) 2024203003 (22) 07.05.2024
(54) MONITORING THE DETONATION OF EXPLOSIVES IN BLAST HOLES

(71) Quantum-Si Incorporated
(21) 2024202950 (22) 03.05.2024
(54) Hand-held, massively-parallel, bio-opto-electronic instrument

(71) Radio Flyer Inc.
(21) 2024202971 (22) 06.05.2024
(54) Foldable beach wagon

(71) Radius Health, Inc.
(21) 2024202952 (22) 03.05.2024
(54) Uses of PTHrP analogue in reducing fracture risk

(71) Regeneron Pharmaceuticals, Inc.; Sanofi Biotechnology
(21) 2024203011 (22) 07.05.2024
(54) Compositions and methods for treating rheumatoid arthritis

(71) Rollspack Pty Ltd
(21) 2024202919 (22) 02.05.2024
(54) A METHOD AND PRODUCT FOR TRACKING CURRENCY TRANSFER

(71) S3 Group Ltd.
(21) 2024203013 (22) 07.05.2024
(54) SPRING-BASED SUPPORT DEVICE FOR ANCHORING AND/OR CENTRALIZING A BOLT OR PIPE IN A BOREHOLE

Saga University see Kyocera Corporation
(21) 2024202891

(71) SAGE GEOSYSTEMS INC.
(21) 2024202982 (22) 06.05.2024
(54) Geopressure and geothermal power system

(71) Sage Therapeutics, Inc.
(21) 2024202959 (22) 03.05.2024
(54) Compositions and methods for treating CNS disorders

(71) Sakata Seed Corporation
(21) 2024202938 (22) 03.05.2024
(54) INBRED BROCCOLI LINE BG-3

Sanofi Biotechnology see Regeneron Pharmaceuticals, Inc.
(21) 2024203011

(71) Sanofi Biotechnology SAS
(21) 2024202910 (22) 02.05.2024
(54) Anti-IL-1R3 antibodies for use in inflammatory conditions

(71) Schneider Electric (Australia) Pty Limited
(21) 2024202887 (22) 01.05.2024
(54) DIMMER CIRCUIT IMPROVEMENT

(71) Schneider Electric Systems USA, Inc.
(21) 2024202893 (22) 02.05.2024
(54) SECURITY CO-ENGINEERING

(71) SIMONELLI GROUP S.P.A.
(21) 2024202945 (22) 03.05.2024
(54) Coffee machine with milk sensor

(71) Southern Mills, Inc.
(21) 2024202912 (22) 02.05.2024
(54) FLAME RESISTANT FABRICS

(71) STELLING, E.
(21) 2024202955 (22) 03.05.2024
(54) WINDOW JAMB

(71) Stryker Corporation
(21) 2024202869 (22) 01.05.2024
(54) SURGICAL INSTRUMENT INCLUDING HOUSING, A CUTTING ACCESSORY THAT EXTENDS FROM THE HOUSING AND ACTUATORS THAT ESTABLISH THE POSITION OF THE CUTTING ACCESSORY RELATIVE TO THE HOUSING

(71) Stryker European Operations Limited
(21) 2024202987 (22) 06.05.2024
(54) Technique for generating an image of an anatomical element in a pose indicated by planning data

(71) Sullivan, D.; Heenan, J.; Crook, E.; Akulshin, R.
(21) 2024202957 (22) 03.05.2024
(54) SYSTEM AND METHOD FOR ANALYZING MEDIA FOR TALENT DIS-

COVERY CROSS-REFERENCE TO RELATED APPLICATIONS

(71) Sungrow (Shanghai) Co., Ltd.
(21) 2024203039 (22) 08.05.2024
(54) Explosion-proof housing and electrical device

(71) Techtronic Cordless GP
(21) 2024202895 (22) 02.05.2024
(54) Floor brush and vacuum cleaner

(71) Telefonaktiebolaget LM Ericsson (publ)
(21) 2024203037 (22) 08.05.2024
(54) Video processing using Syntax elements

(71) Terra Quantum AG
(21) 2024202983 (22) 06.05.2024
(54) Varistor device and method of operating a varistor device

(71) The Board of Trustees of the Leland Stanford Junior University
(21) 2024202900 (22) 02.05.2024
(54) Treatment of cancer with combinations of immunoregulatory agents

(71) THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY
(21) 2024202865 (22) 01.05.2024
(54) Transposition into native chromatin for personal epigenomics

(71) The Global Alliance for TB Drug Development, Inc.
(21) 2024203012 (22) 07.05.2024
(54) Combination antibacterial composition and short-course antibacterial regimen

(71) The Nielsen Company (US), LLC
(21) 2024203031 (22) 08.05.2024
(54) Methods and apparatus to collect distributed user information for media impressions

(71) The Procter & Gamble Company
(21) 2024202997 (22) 07.05.2024
(54) FLUORIDE-FREE ANTICAVITY ORAL CARE COMPOSITIONS

(71) The Rockefeller University
(21) 2024202924 (22) 02.05.2024
(54) ANTIBODIES TO CD40 WITH ENHANCED AGONIST ACTIVITY

(71) The Trustees of the University of Pennsylvania; Novartis AG
(21) 2024202889 (22) 01.05.2024

Complete Applications Filed - Name Index cont'd

(54) Targeting cytotoxic cells with chimeric receptors for adoptive immunotherapy

(71) The University of Chicago
(21) 2024202918 (22) 02.05.2024
(54) Methods and compositions for treating cancer with ECM-affinity peptides linked to immunotherapeutic antibodies

(71) The University of Newcastle
(21) 2024202999 (22) 07.05.2024
(54) Apparatus and method for generating oxygen and energy conversion or storage

The USA as represented by the Department of Veterans Affairs; Dept. of Veterans Affairs Office of General Counsel - PAG IV (024) see University of Maryland, Baltimore
(21) 2024202879

(71) Thulasy Ram, T.P.; Pais, F.C.
(21) 2024202968 (22) 04.05.2024
(54) Navigational system in shopping trolley

(71) Titan Trailers Inc.
(21) 2024202939 (22) 03.05.2024
(54) QUASI-CYLINDRICAL CARGO CONTAINER AND CONSTRUCTION

(71) TRINA SOLAR CO., LTD.
(21) 2024202906 (22) 02.05.2024
(54) Heterojunction cell and manufacturing method thereof, photovoltaic module and photovoltaic system

Universidad de Zaragoza see Biofabri S.L.
(21) 2024203034

(71) Universitätsspital Basel
(21) 2024203022 (22) 08.05.2024
(54) LSD dose identification

University-Industry Cooperation Group of Kyung Hee University see Navipharm Co., Ltd.
(21) 2024202972

(71) University of Maryland, Baltimore; The USA as represented by the Department of Veterans Affairs; Dept. of Veterans Affairs Office of General Counsel - PAG IV (024)
(21) 2024202879 (22) 01.05.2024
(54) Non-catalytic substrate-selective P38a-specific MAPK inhibitors with endothelial-stabilizing and anti-inflammatory activity, and methods of use thereof

(71) Visa U.S.A. Inc
(21) 2024203008 (22) 07.05.2024
(54) APPLICATION CURRENCY CODE FOR DYNAMIC CURRENCY CONVERSION TRANSACTIONS WITH CONTACTLESS CONSUMER TRANSACTION PAYMENT DEVICE

(71) VueMotion Labs Pty Ltd
(21) 2024203009 (22) 07.05.2024
(54) Systems and methods for generating a motion performance metric

(71) Vutility, Inc.
(21) 2024202953 (22) 03.05.2024
(54) Induction powered electricity current monitoring

(71) Walker Digital Table Systems, LLC
(21) 2024202911 (22) 02.05.2024
(54) Systems and methods for utilizing rfid technology to facilitate a gaming system

(71) Weiyang Du
(21) 2024202937 (22) 03.05.2024
(54) A plastic braking structure for vehicle drawer system

(71) Wildlife Acoustics, Inc.
(21) 2024202991 (22) 06.05.2024
(54) Acoustic recording device having Wi-Fi to multicast audio

(71) WindEverest Corp.
(21) 2024202961 (22) 03.05.2024
(54) METHOD AND APPARATUS FOR DEMAND MANAGEMENT ON AN ELECTRICAL GRID

(71) Woodstream Corporation
(21) 2024203044 (22) 08.05.2024
(54) SELF-ARMING ELECTRONIC RODENT TRAP AND SYSTEM AND METHOD FOR USE THEREOF

(71) Zeenar Enterprises Pty Ltd
(21) 2024202993 (22) 06.05.2024
(54) Process for preparing an oral disintegrating dosage form

(71) Zeenar Enterprises Pty Ltd
(21) 2024203035 (22) 08.05.2024
(54) Fast disintegrating tablet

(71) Zhejiang Orient Gene Biotech Co., Ltd
(21) 2024202876 (22) 01.05.2024
(54) TEST DEVICE FOR DETECTING ANALYTE IN LIQUID SAMPLE

(71) Zogenix International Limited
(21) 2024202885 (22) 01.05.2024
(54) Methods of treating Rett syndrome using fenfluramine

Numerical Index

2024202858	FLSmith A/S	2024202918	The University of Chicago
2024202860	Ji Xing Pharmaceuticals Hong Kong Limited	2024202919	Rollspack Pty Ltd
2024202861	CinDome Pharma, Inc.	2024202920	Austrak Pty Ltd
2024202862	EXEL INDUSTRIES	2024202921	Eli Lilly and Company
2024202863	ConMed Corporation	2024202922	KLEIN, A.
2024202864	JC Medical, Inc.	2024202923	Liu, C.
2024202865	THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY	2024202924	The Rockefeller University
2024202866	Globalforce IP Limited	2024202925	BASF Corporation
2024202867	Huawei Technologies Co., Ltd.	2024202926	Modern Flames, LLC
2024202868	Karyopharm Therapeutics, Inc.	2024202927	Blackhawk Network, Inc.
2024202869	Stryker Corporation	2024202928	Air Products and Chemicals, Inc.
2024202870	Illinois Tool Works Inc.	2024202935	Apple Inc.
2024202871	Canva Pty Ltd	2024202936	Apple Inc.
2024202872	Kodiak Sciences Inc.	2024202937	Weiyang Du
2024202873	Canva Pty Ltd	2024202938	Sakata Seed Corporation
2024202874	Global International Trading Limited	2024202939	Titan Trailers Inc.
2024202875	Canva Pty Ltd	2024202940	Imtrade Australia Pty Ltd
2024202876	Zhejiang Orient Gene Biotech Co., Ltd	2024202941	donoteat research
2024202877	Opko Ireland Global Holdings, Ltd.	2024202942	Imtrade Australia Pty Ltd
2024202878	DRAEGER SAFETY AG & CO. KGAA	2024202943	Imtrade Australia Pty Ltd
2024202879	University of Maryland, Baltimore; The USA as represented by the Department of Veterans Affairs; Dept. of Veterans Affairs Office of General Counsel - PAG IV (024)	2024202944	MatOrtho Limited
2024202880	Block, Inc.	2024202945	SIMONELLI GROUP S.P.A.
2024202881	Canva Pty Ltd	2024202946	MasterCard International Incorporated
2024202882	Canva Pty Ltd	2024202947	CATERPILLAR PAVING PRODUCTS INC.
2024202883	Canva Pty Ltd	2024202948	HONEYWELL INTERNATIONAL INC.
2024202884	Canva Pty Ltd	2024202949	International Business Machines Corporation
2024202885	Zogenix International Limited	2024202950	Quantum-Si Incorporated
2024202886	Canva Pty Ltd	2024202951	NANCARROW HOLDINGS PTY LTD
2024202887	Schneider Electric (Australia) Pty Limited	2024202952	Radius Health, Inc.
2024202888	BROLOCK PTY LTD	2024202953	Vutility, Inc.
2024202889	The Trustees of the University of Pennsylvania; Novartis AG	2024202954	MERRY LIFE BIOMEDICAL COMPANY, LTD.
2024202890	Kyocera Corporation	2024202955	STELLING, E.
2024202891	Kyocera Corporation; Saga University	2024202956	Mesiha, w.
2024202892	Fertin Pharma A/S	2024202957	Sullivan, D.; Heenan, J.; Crook, E.; Akulshin, R.
2024202893	Schneider Electric Systems USA, Inc.	2024202958	Infrabuild Wire Pty Ltd
2024202894	Mapp Biopharmaceutical, Inc.	2024202959	Sage Therapeutics, Inc.
2024202895	Techtronic Cordless GP	2024202960	Nextracker LLC
2024202896	Braincare Desenvolvimento E Inovação Tecnológica S.A.	2024202961	WindEverest Corp.
2024202897	Novartis AG	2024202962	Optimum Tracker
2024202898	AdvanSix Resins & Chemicals LLC	2024202963	AstraZeneca AB
2024202899	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	2024202964	Huang, Z.
2024202900	The Board of Trustees of the Leland Stanford Junior University	2024202965	Joint AU Venture Pty Ltd
2024202901	Father Flanagan's Boys' Home doing business as Boys Town National Research Hospital	2024202966	AOSOL Pty Ltd
2024202902	Eavor Technologies Inc.	2024202967	Digital Discovery Pty Ltd
2024202903	Gritstone Bio, Inc.	2024202968	Thulasy Ram, T.P.; Pais, F.C.
2024202904	Assa Abloy AB	2024202969	DNA GLOBAL PTY LTD
2024202905	Multibar Pty Ltd	2024202970	Moore, C.
2024202906	TRINA SOLAR CO., LTD.	2024202971	Radio Flyer Inc.
2024202907	ACER INCORPORATED	2024202972	Navipharm Co., Ltd.; University-Industry Cooperation Group of Kyung Hee University
2024202908	JVD, Inc.	2024202973	Ecolab USA Inc.
2024202909	Motosko III, S.J.	2024202974	Hanshow Technology Co., Ltd.
2024202910	Sanofi Biotechnology SAS	2024202975	Fisher & Paykel Healthcare Limited
2024202911	Walker Digital Table Systems, LLC	2024202976	Fisher & Paykel Healthcare Limited
2024202912	Southern Mills, Inc.	2024202977	Aurinia Pharmaceuticals Inc.
2024202913	KDB INTELLECTUAL PTY LTD	2024202978	Moore, C.
2024202914	Intuit Inc.	2024202979	Koninklijke Douwe Egberts B.V.
2024202915	Metabolic Technologies, Inc.	2024202980	Monash University
2024202916	Newbury, J.	2024202981	Field Engine Wildlife Research and Management LLC
2024202917	Chr. Hansen HMO GmbH	2024202982	SAGE GEOSYSTEMS INC.
		2024202983	Terra Quantum AG
		2024202984	Logical Brands, Inc.
		2024202985	Ensing, M.
		2024202986	Manufacturing Resources International, Inc.
		2024202987	Stryker European Operations Limited
		2024202988	GILEAD SCIENCES, INC.
		2024202989	Novalith Technologies Pty Ltd
		2024202990	Dzyne Technologies Incorporated

Complete Applications Filed - Numerical Index cont'd

2024202991 Wildlife Acoustics, Inc.
2024202992 National Oilwell Varco, L.P.
2024202993 Zeenar Enterprises Pty Ltd
2024202994 Hangzhou Ulike Technology Co., Ltd.
2024202995 Bruin Biometrics LLC
2024202996 Harrison, T.
2024202997 The Procter & Gamble Company
2024202998 Anavex Life Sciences Corp.
2024202999 The University of Newcastle
2024203000 President and Fellows of Harvard College
2024203001 AMPLUS Co., Ltd.
2024203002 Howmedica Osteonics Corp.; IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
2024203003 QMR (IP) PTY LTD
2024203004 Celalettin, M.; Celalettin, H.
2024203005 MOUNSER, L.
2024203006 Bio-Thera Solutions, Ltd.
2024203007 Chevron Oronite Company LLC
2024203008 Visa U.S.A. Inc
2024203009 VueMotion Labs Pty Ltd
2024203010 Apple Inc.
2024203011 Regeneron Pharmaceuticals, Inc.; Sanofi Biotechnology
2024203012 The Global Alliance for TB Drug Development, Inc.
2024203013 S3 Group Ltd.
2024203014 NextKidney SA
2024203015 Flying Fin Systems Pty Ltd
2024203016 Phaslo Global Pty Ltd
2024203017 Behnam, Z.
2024203018 OCTOPUS ENERGY HEATING LIMITED
2024203019 FISHER & PAYKEL HEALTHCARE LIMITED
2024203020 Bendix Commercial Vehicle Systems LLC
2024203021 Apple Inc.
2024203022 Universitätsspital Basel
2024203023 Covco (H.K.) Limited
2024203024 Caterpillar Global Mining Equipment LLC
2024203025 InterDigital VC Holdings, Inc.
2024203026 CATERPILLAR PAVING PRODUCTS INC.
2024203027 LG Electronics Inc.
2024203028 Chengdu Tulin Technology Co., Ltd.
2024203029 Lineage Logistics, LLC
2024203030 Fisher & Paykel Healthcare Limited
2024203031 The Nielsen Company (US), LLC
2024203033 Adobe Inc.
2024203034 Biofabri S.L.; Universidad de Zaragoza
2024203035 Zeenar Enterprises Pty Ltd
2024203036 ProKidney
2024203037 Telefonaktiebolaget LM Ericsson (publ)
2024203038 Gas Technology Institute
2024203039 Sungrow (Shanghai) Co., Ltd.
2024203040 Miles, S.
2024203044 Woodstream Corporation

Innovation Patent Applications Filed**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 30 Apr 2024 .
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

(71) All Footings Solutions Pty Ltd
(21) 2024100019 **(22)** 06.05.2024
(54) A footing
(62) 2021209217

Numerical Index

2024100019 All Footings Solutions Pty Ltd

Applications Lapsed, Refused Or Withdrawn, Patents Ceased or Expired

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

The codes next to each number have the following meanings:

Code Meaning

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

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

2004

2004201722 (14)	2004201729 (14)	2004201788 (14)
2004231277 (14)	2004231316 (14)	2004231362 (14)
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2004233700 (14)	2004233863 (14)	2004233866 (14)
2004233870 (14)	2004233877 (14)	2004233898 (14)
2004233997 (14)	2004233998 (14)	2004234004 (14)
2004234019 (14)	2004234062 (14)	2004234798 (14)
2004235103 (14)	2004235338 (14)	2004235349 (14)
2004235426 (14)	2004236650 (14)	2004236651 (14)
2004236718 (14)	2004236725 (14)	2004237112 (14)
2004237117 (14)	2004237160 (14)	2004237763 (14)
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2004324246 (14)		

2005

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2006

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2007

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2008363189 (14)		

2009

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2009306002 (14)	2009306900 (14)	2009307713 (14)
2009307761 (14)	2009307831 (14)	2009308256 (14)
2009308304 (14)	2009308305 (14)	2009308969 (14)
2009309034 (14)	2009310033 (14)	

2010

2010200168 (14)	2010200419 (14)	2010200734 (14)
2010201309 (14)	2010202194 (14)	2010214744 (14)
2010236075 (14)	2010236093 (14)	2010308222 (14)
2010308235 (14)	2010308271 (14)	2010308569 (14)
2010308638 (14)	2010308865 (14)	2010309035 (14)
2010309493 (14)	2010309833 (14)	2010309921 (14)
2010310744 (14)	2010310751 (14)	2010312676 (14)
2010316579 (14)	2010325765 (14)	2010328622 (14)
2010362602 (14)	2010362639 (14)	

2011

2011218634 (14)	2011236034 (14)	2011236078 (14)
2011239300 (14)	2011317574 (14)	2011317846 (14)
2011318229 (14)	2011318232 (14)	2011318567 (14)
2011319493 (14)	2011320453 (14)	2011320732 (14)
2011322734 (14)	2011334037 (14)	2011341123 (14)

2012

2012207023 (14)	2012216238 (14)	2012244065 (14)
2012244134 (14)	2012324641 (14)	2012324650 (14)
2012325756 (14)	2012325863 (14)	2012325919 (14)
2012325922 (14)	2012325997 (14)	2012326170 (14)
2012326218 (14)	2012326974 (14)	2012327283 (14)
2012327496 (14)	2012327856 (14)	2012329125 (14)
2012336202 (14)	2012341118 (14)	

2013

2013202228 (14)	2013202229 (14)	2013203674 (14)
2013203820 (14)	2013203838 (14)	2013203923 (14)
2013204346 (14)	2013206242 (14)	2013206478 (14)
2013245519 (14)	2013245533 (14)	2013245564 (14)
2013248172 (14)	2013330962 (14)	2013331193 (14)
2013331261 (14)	2013333571 (14)	2013334953 (14)
2013334970 (14)	2013336244 (14)	

2014

2014201093 (14) 2014201790 (14) 2014202016 (14)
 2014221324 (14) 2014253459 (14) 2014265103 (14)
 2014335746 (14) 2014337122 (14) 2014337659 (14)
 2014338948 (14) 2014340018 (14) 2014340115 (14)
 2014340148 (14) 2014340263 (14) 2014340327 (14)
 2014344769 (14) 2014377470 (14) 2014409119 (14)

2015

2015203725 (14) 2015213327 (14) 2015246107 (14)
 2015252049 (14) 2015334389 (14) 2015334890 (14)
 2015335603 (14) 2015335703 (14) 2015335770 (14)
 2015335923 (14) 2015335997 (14) 2015336097 (14)
 2015336154 (14) 2015336480 (14) 2015336853 (14)
 2015336940 (14) 2015337185 (14) 2015337266 (14)
 2015338800 (14) 2015339687 (14) 2015339721 (14)
 2015342112 (14) 2015343586 (14)

2016

2016100472 (22) 2016100473 (22) 2016100479 (22)
 2016100488 (22) 2016100490 (22) 2016100494 (22)
 2016100495 (22) 2016102425 (22) 2016102433 (22)
 2016201550 (14) 2016202667 (14) 2016210715 (14)
 2016216529 (14) 2016231574 (14) 2016247221 (14)
 2016253698 (14) 2016337508 (14) 2016340371 (14)
 2016340484 (14) 2016340485 (14) 2016341501 (14)
 2016341984 (14) 2016342141 (14) 2016342298 (14)
 2016342348 (14) 2016342352 (14) 2016342867 (14)
 2016345400 (14) 2016386017 (14) 2016426597 (14)
 2016427268 (14)

2017

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2018

2018101327 (22G) 2018101558 (22G) 2018101585 (22E)
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2020

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2021

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2022

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 2023901721 (12AN) 2023902609 (12AN)

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2024200984 (1B) 2024200997 (1B) 2024201300 (7AN)
 2024201306 (7CN) 2024202186 (12CN)

Complete Specifications Treated as Provisional Specifications, Section 37**2024**

2024202432 **Howell, R.** Provisional Number: 2024901253

Assignments before Grant, Section 113**2018**

2018275368 BOVIN, Nicolai Vladimirovich; HENRY, Stephen Micheal; TUZIKOV, Alexander Borisovich The application has been assigned to **Kode Biotech Limited**

2018370382 Holmes Solutions Limited Partnership The application has been assigned to **Whoosh Hold LP**

2018389595 AKER Biomarine Antarctic AS The application has been assigned to **Aker BioMarine Human Ingredients AS**

2019

2019208224 JAM Management No 1 Pty Ltd The application has been assigned to **ADP Stores Pty Ltd**

2019215515 CodeStream, Inc.; Pezaris, Peter; Captech, LLC The application has been assigned to **New Relic, Inc.**

2019221323 GK8 Ltd The application has been assigned to **Galaxy Digital Trading LLC**

2019245462 Maruho Medical, Inc. The application has been assigned to **Maruho Co., Ltd.**

2019296518 Newcrest Mining Limited The application has been assigned to **Olitek Pty Ltd**

2019296519 Newcrest Mining Limited The application has been assigned to **Olitek Pty Ltd**

2019335192 Informed Data Systems Inc. D/B/A One Drop The application has been assigned to **One Health Biosensing Inc.**

2020

2020282397 Schouten, Douglas; Van Nieuwkoop, Jacobus The application has been assigned to **IDEON TECHNOLOGIES INC.**

2020283127 Informed Data Systems Inc. d/b/a One Drop The application has been assigned to **One Health Biosensing Inc.**

2020284706 Janssen Biotech, Inc. The application has been assigned to **Alligator Bioscience AB**

2020287327 Kiniksa Pharmaceuticals, Ltd. The application has been assigned to **KINIKSA PHARMACEUTICALS, GMBH**

2020298105 Aker BioMarine Antarctic AS The application has been assigned to **Aker BioMarine Human Ingredients AS**

Assignments before Grant, Section 113

2020316264 Holmes Solutions Limited Partnership The application has been assigned to **Whoosh Hold LP**

2020327664 Schottel Marine Technologies Ltd. The application has been assigned to **SCHOTTEL Marine Technologies GmbH**

2020328475 ModMab Therapeutics Inc. The application has been assigned to **Antlera Therapeutics Inc.**

2020329092 ModMab Therapeutics Inc. The application has been assigned to **Antlera Therapeutics Inc.**

2020331424 ModMab Therapeutics Inc. The application has been assigned to **Antlera Therapeutics Inc.**

2020353356 Bioene Technologies S.à r.l. The application has been assigned to **Sea Further S.a.r.l.**

2020418474 Maruho Medical, Inc. The application has been assigned to **Maruho Co., Ltd.**

2021

2021200383 Astellas Institute for Regenerative Medicine The application has been assigned to **President and Fellows of Harvard College**

2021254620 AKER Biomarine Antarctic AS The application has been assigned to **Aker BioMarine Human Ingredients AS**

2021336120 MAHMOODI, Ali The application has been assigned to **PEESHRANEH SAMANEH PARAND**

2021345349 SYSTIMMUNE, INC.; Baili-Bio (Chengdu) Pharmaceutical Co., Ltd. The application has been assigned to **Systimmune, Inc.**

2021380126 IND TECHNOLOGY PTY LTD The application has been assigned to **DX TECH PTY LTD**

2022

2022246415 Fellowship of Orthopaedic Researchers, Inc. The application has been assigned to **Gomboc, LLC**

2022281749 SHANGHAI YINGLI PHARMACEUTICAL CO., LTD The application has been assigned to **280 Bio, Inc.**

2022292917 WITTIG, Burghardt The application has been assigned to **Gentechnologiestiftung - Dr. Georg und Ingeburg Scheel Stiftung**

2022297795 SYNPROMICS LIMITED; ASKLEPIOS BIOPHARMACEUTICAL, INC. The application has been assigned to **ASKLEPIOS BIOPHARMACEUTICAL, INC.**

2022298827 INSPIRAR LIMITED The application has been assigned to **Frontera Therapeutics, Inc.**

2022325488 YUN NV; UNIVERSITEIT ANTWERPEN The application has been assigned to **YUN NV**

Assignments before Grant, Section 113

2022329382 **INDUSTRIE DE NORA S.P.A.** The application has been assigned to **Viering, Jentschura & Partner mbB**

2022332786 **QUANTUM ENERGY RESEARCH CENTRE (Q-CENTRE)** The application has been assigned to **Young-Wan Kwon**

2022333089 **SYSTIMMUNE, INC.; BAILI-BIO (CHENGDU) PHARMACEUTICAL CO., LTD.** The application has been assigned to **Systimmune, Inc.**

2022366266 **VANDORF PAT1 INC.** The application has been assigned to **RSG International Corp.**

2022376818 **ECONTROLS, LLC** The application has been assigned to **Ethium, LLC**

2022387053 **COMPASS PATHFINDER LIMITED; MILL, Trevor Anthony; GOODWIN, Guy Manning; TSAI, Joyce; MARWOOD, Lindsey; MISTRY, Sunil** The application has been assigned to **COMPASS PATHFINDER LIMITED**

2023

2023248150 **Maruho Medical, Inc.** The application has been assigned to **Maruho Co., Ltd.**

2023285976 **Thomson, Jay** The application has been assigned to **One Brake Pty Ltd**

2023902656 **Melissa Cook** The application has been assigned to **Vanaheimr Investments PTY Limited**

Extensions of Time, Section 223

Applications Received

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

2015

2015208821 **Pfizer Inc.** An application to extend the time from 17 Jul 2022 to 17 Jan 2023 in which to file an extension of term has been filed . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2018

2018101062 **Pelle, D.; Pelle, M.** An application to extend the time from 31 Jul 2023 to 29 Feb 2024 in which to pay a renewal fee has been filed . Address for service - Davies Collison Cave Pty Ltd Level 10 301 Coronation Drive MILTON QLD 4064 AU

2019

2019229364 **Chen, T.; Han, X.** An application to extend the time from 11 Sep 2023 to 11 Apr 2024 in which to pay a continuation fee has been filed . Address for service - Madderns Pty Ltd GPO Box 2752 Adelaide SA 5001 AU

2019343304 **Frito-Lay Trading Company GmbH** An application to extend the time from 19 Sep 2023 to 19 Apr 2024 in which to pay a continuation fee has been filed . Address for service - FPA Patent Attorneys

Extensions of Time, Section 223

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

2021

2021106480 **SAL National Pty Ltd** An application to extend the time from 23 Aug 2023 to 23 May 2024 in which to pay a renewal fee has been filed . Address for service - Ascot Martin Registered Patent & Trade Mark Attorneys PO Box 3191 Moorabbin East VIC 3189 AU

2021206286 **CONSYNANCE THERAPEUTICS, INC.** An application to extend the time from 10 Aug 2022 to 10 Nov 2023 in which to enter the National Phase has been filed . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

2022

2022226249 **UNIVERSITY OF UTAH RESEARCH FOUNDATION** An application to extend the time from 25 Sep 2023 to 25 Apr 2024 in which to enter the National Phase has been filed . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

Applications Allowed - Section 223(2)

2015

2015249417 **Lumus Ltd.** The time in which to pay a renewal fee has been extended to 21 Jan 2024 . Address for service - Wallington-Dummer Suite 1005 Level 10 66 Hunter Street Sydney NSW 2000 AU

2015266276 **Geberit International AG** The time in which to pay a renewal fee has been extended to 13 Jan 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2016

2016200442 **Nan Ya Plastics Corporation** The time in which to pay a renewal fee has been extended to 27 Nov 2023 . Address for service - Griffith Hack Level 15 376-390 Collins St MELBOURNE VIC 3000 AU

2018

2018206755 **SW Energy Technologies** The time in which to gain acceptance has been extended to 17 Jul 2024 . Address for service - SW Energy Technologies 2/454 Scarborough Beach Road Suite 510 Osborne Park WA 6017 AU

2018263853 **The Board of Supervisors of Louisiana State University and Agricultural and Mechanical College** The time in which to pay a continuation fee has been extended to 01 Dec 2023 . Address for service - Spruson & Ferguson Level 24, Tower 2 Darling Park, 201 Sussex Street Sydney NSW 2000 AU

2018282382 **SPENCER, B.R.** The time in which to gain acceptance has been extended to 29 Jun 2024 . Address for service - P.L. Berry & Associates Ltd PO BOX 1250 CHRISTCHURCH 8140 NZ

2019

2019226217 **Willow IP Pty Ltd** The time in which to request examination has been extended to 06 May 2024 . Address for service - FORWARD INTELLECTUAL PROPERTY PTY LTD U 3 127 Crown Rd Queenscliff NSW 2096 AU

2019226264 **Willow IP Pty Ltd** The time in which to request examination has been extended to 13 May 2024 . Address for service - FOR-

Extensions of Time, Section 223

WARD INTELLECTUAL PROPERTY PTY LTD U 3 127 Crown Rd
Queenscliff NSW 2096 AU

2019272004 **ELLUMINATION PTY LTD** The time in which to pay a renewal fee has been extended to 05 Nov 2023 . Address for service - IP Guardian Pty Ltd L 5 1 Margaret St Sydney NSW 2000 AU

2019427413 **China University of Mining and Technology; Xinjiang Institute of Engineering; Henan Energy and Chemical Industry Group Co.,Ltd.; Yanshan University; China Energy Group Ningxia Coal Industry Co Ltd Zaoquan Coal Mine** The time in which to pay the acceptance fee has been extended to 17 Dec 2023 . Address for service - Madderns Pty Ltd GPO Box 2752 Adelaide SA 5001 AU

2020

2020100677 **FYSH, D.** The time in which to pay a renewal fee has been extended to 01 Dec 2023 . Address for service - K&L Gates Level 25 South Tower 525 Collins Street Melbourne VIC 3000 AU

2020256636 **EcoSpectral Pty Ltd** The time in which to request examination has been extended to 16 Apr 2024 . Address for service - Adams Pluck PO Box 905 HORNSBY NSW 2077 AU

2020397901 **Palo Alto Research Center Incorporated** The time in which to pay the acceptance fee has been extended to 02 Mar 2024 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2021

2021386671 **ATTENT AS** The time in which to enter the National Phase has been extended to 25 Feb 2024 . Address for service - PHILLIPS ORMONDE FITZPATRICK PO Box 323 COLLINS STREET WEST VIC 8007 AU

2021387843 **ATTENT AS** The time in which to enter the National Phase has been extended to 25 Feb 2024 . Address for service - PHILLIPS ORMONDE FITZPATRICK PO Box 323 COLLINS STREET WEST VIC 8007 AU

2021388804 **ATTENT AS** The time in which to enter the National Phase has been extended to 25 Feb 2024 . Address for service - PHILLIPS ORMONDE FITZPATRICK PO Box 323 COLLINS STREET WEST VIC 8007 AU

2022

2022204675 **ICahn School of Medicine at Mount Sinai** The time in which to pay a continuation fee has been extended to 01 Feb 2024 . Address for service - James & Wells Intellectual Property GPO Box 1301 CANBERRA ACT 2601 AU

2022286220 **CJ CHEILJEDANG CORPORATION** The time in which to enter the National Phase has been extended to 03 Apr 2024 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2022345099 **GT BIOPHARMA, INC.** The time in which to enter the National Phase has been extended to 16 May 2024 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2023

2023100078 **Western Australian Agriculture Authority; Grains Research and Development Corporation** The time in which to gain certification has been extended to 18 May 2024 . Address for service -

Extensions of Time, Section 223

FORWARD INTELLECTUAL PROPERTY PTY LTD U 3 127 Crown Rd
Queenscliff NSW 2096 AU

2023284778 **Novartis AG; The Trustees of the University of Pennsylvania** The time in which to make a further application for a divisional patent has been extended to 08 Jan 2024 . Address for service - Davies Collison Cave Pty Ltd 1 Nicholson Street Melbourne VIC 3000 AU

2023286037 **malyshev, o.** The time in which to comply with a direction under Reg 3.2A has been extended to 12 Apr 2024 . Address for service - oleg malyshev 11 Morton Tce Harrington Park NSW 2567 AU

2023324640 **COOMTECH LIMITED** The time in which to request restore priority has been extended to 04 Oct 2023 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2024

2024201890 **ConverGene LLC; The United States of America, as represented by the Secretary, Department of Health and Human Services** The time in which to make a further application for a divisional patent has been extended to 21 Apr 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

Amendments**Applications for Amendment**

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

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

2006

2006316397 Enzyme preparations yielding a clean taste **DSM IP Assets B.V.** The nature of the amendment is as shown in the statement(s) filed 17 Nov 2022 . Address for service - Phillips Ormonde Fitzpatrick L 16 333 Collins St Melbourne VIC 3000 AU

2018

2018260194 Method and device for producing riblets **4JET microtech GmbH** The nature of the amendment is as shown in the statement(s) filed 04 Apr 2024 . Address for service - Griffith Hack Level 15 376-390 Collins St MELBOURNE VIC 3000 AU

2018328052 Iron complex compounds for therapeutic use **Pharmacosmos Holding A/s** The nature of the amendment is as shown in the statement(s) filed 29 Apr 2024 . Address for service - FB Rice Pty Ltd L 33 477 Collins Street Melbourne VIC 3000 AU

2018369626 PVC compositions, films, laminates and related methods **Avery Dennison Corporation** The nature of the amendment is as shown in the statement(s) filed 05 Apr 2024 . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2018401778 A method for producing a flexible optical fiber ribbon and said ribbon. **Prysmian S.p.A.** The nature of the amendment is as shown in the statement(s) filed 18 Apr 2024 . Address for service -

Amendments

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

2019

2019240269 Apparatus and method for controlling animal positions
Halter USA Inc The nature of the amendment is as shown in the statement(s) filed 29 Apr 2024 . Address for service - AJ PARK PO Box 949 Wellington 6140 NZ

2019248779 Autonomous agricultural carrier vehicle **Horsch Maschinen GmbH** The nature of the amendment is as shown in the statement(s) filed 02 May 2024 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2020

2020267142 Use of Telomerase Inhibitors for the Treatment of Myeloproliferative Disorders and Myeloproliferative Neoplasms **Ger-on Corporation** The nature of the amendment is as shown in the statement(s) filed 29 Apr 2024 . Address for service - Catalyst Intellectual Property PO Box 25520 Wellington 5012 NZ

2021

2021299003 Gas shielded arc welding method, structure object production method, and shielding gas **Kabushiki Kaisha Kobe Seiko Sho (Kobe Steel, Ltd.) ; Kawasaki Jukogyo Kabushiki Kaisha** The nature of the amendment is as shown in the statement(s) filed 19 Apr 2024 . Address for service - FB Rice Pty Ltd Level 33 477 Collins Street Melbourne VIC 3000 AU

2021300786 Apparatuses, systems, and methods for the grasping of objects **Omniceil, Inc.** The nature of the amendment is as shown in the statement(s) filed 05 Apr 2024 . Address for service - Pizzey's Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2021325729 Track assembly for a storage system **Ocado Innovation Limited** The nature of the amendment is as shown in the statement(s) filed 28 Mar 2024 . Address for service - James & Wells Intellectual Property GPO Box 1301 CANBERRA ACT 2601 AU

2022

2022259847 AXL-specific antibody-drug conjugates for cancer treatment **Genmab A/S** The nature of the amendment is as shown in the statement(s) filed 19 Apr 2024 . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2023

2023200999 Fluorophenyl beta-hydroxyethylamines and their use in the treatment of hyperglycaemia **Atrogi AB** The nature of the amendment is as shown in the statement(s) filed 29 Apr 2024 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2023202360 Detecting Inaccuracies in Carrier Location Data of a Vessel **WiseTech Global (Licensing) Pty Ltd** The nature of the amendment is: Add inventor KISLOV, Dmitry . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

Amendments Made**Amendments****2017**

2017295886 **Novartis AG; The Trustees of the University of Pennsylvania** The nature of the amendment is as shown in the statement(s) filed 15 Jan 2024

2017335215 **Rijk Zwaan Zaadteelt en Zaadhandel B.V.** The nature of the amendment is: Amend the invention title to read Method for modifying the resistance profile of spinacia oleracea to downy mildew

2018

2018214438 **Conveyor Innovations Pty Ltd; e-moola.com Pty Ltd** The nature of the amendment is as shown in the statement filed 12 Feb 2024

2018391540 **Syngenta Participations AG** The nature of the amendment is as shown in the statement filed 15 Feb 2024

2019

2019300313 **MatOrtho Limited** The nature of the amendment is: Amend the name of the inventor to read TUKE, Michael Antony; CULLUM, Charles Jonas Ambrose and COLLINS, Simon Nicholas

2019442941 **Mitsubishi Electric Corporation** The nature of the amendment is: Amend the invention title to read IMPELLER, MULTI-BLADE AIR-SENDING DEVICE, AND AIR-CONDITIONING APPARATUS

2020

2020202755 **Translate Bio, Inc.** The nature of the amendment is as shown in the statement filed 03 Nov 2023

2020222299 **Hetero Labs Limited** The nature of the amendment is as shown in the statement filed 08 Feb 2024

2020239920 **Nieman, L.; Ulmann, A.; Newman, A.** The nature of the amendment is: Amend the invention title to read METHOD OF IMPROVING INSULIN SENSITIVITY

2020280119 **Mercator Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2020104506

2020328170 **Inventio AG** The nature of the amendment is: Amend the invention title to read Method for controlling adjustment of elevator car stopping positions in an elevator shaft of an elevator installation, in particular during commissioning, by using a computer-controlled mobile device

2020405222 **Colgate-Palmolive Company** The nature of the amendment is as shown in the statement filed 14 Feb 2024

2020406798 **LG Electronics Inc.** The nature of the amendment is as shown in the statement filed 14 Feb 2024

2020409806 **LG Electronics Inc.** The nature of the amendment is as shown in the statement filed 01 Feb 2024

Amendments

2021

2021273567 **Purestream Services, LLC** The nature of the amendment is as shown in the statement filed 18 Jan 2024

2021364722 **WON KWANG S&T CO.,LTD.** The nature of the amendment is: Amend the invention title to read SOLAR PANEL CUTTING UNIT

2021469674 **VUSIONGROUP GMBH** The nature of the amendment is: Amend the invention title to read METHOD FOR PLACING A PIECE OF PLAYBACK CONTENT WITHIN THE DISPLAY AREA OF A SCREEN OF A VIDEO SHELVING RAIL

2021471061 **BAO, C.** The nature of the amendment is: Amend the invention title to read HEAT INSULATION WALL AND MANUFACTURING METHOD AND MOUNTING METHOD THEREOF

2021472065 **GUANGZHOU SIGTENNA TECHNOLOGY CO., LTD.** The nature of the amendment is: Amend the invention title to read LENS FOR ELECTROMAGNETIC WAVES BASED ON ARTIFICIAL DIELECTRIC MATERIAL

2022

2022201392 **DOSE Medical Corporation** The nature of the amendment is: Amend the name of the inventor to read Burns, Thomas W.; Heitzmann, Harold Alexander; Haffner, David Steven and Curry, Kenneth Martin

2022202228 **Beijing Geekplus Technology Co. Ltd.** The nature of the amendment is: Application is to proceed under the number 2022100196

2022202255 **Webb, A.; Stowell, G.** The nature of the amendment is as was notified in the Supplement to the Official Journal dated 15 Feb 2024

2022229350 **RESEARCH TRIANGLE INSTITUTE** The nature of the amendment is: Amend the invention title to read Arysulfonamides as orexin receptor agonists

2022266771 **CIRCUMFIX SOLUTIONS, INC.** The nature of the amendment is as shown in the statement(s) filed 27 Feb 2024

2022270915 **KONINKLIJKE DOUWE EGBERTS B.V.** The nature of the amendment is: Amend the name of the inventor to read HEIJMAN, Gertjan; ROOS, Ellen; BRUST, Ria; FRANK, Oliver; HOFMANN, Thomas; HEGMANN, Christian and KLOSTERMANN, Cynthia

2022275406 **Raptor Sports Pty Ltd** The nature of the amendment is as shown in the statement filed 14 Feb 2024

2022319690 **DARE BIOSCIENCE, INC.** The nature of the amendment is: Amend the invention title to read Compositions And Techniques For Vaginal Insertion

2022350581 **RUIXIN (FUZHOU) TECHNOLOGY CO., LTD** The nature of the amendment is: Amend the invention title to read METHOD, DEVICE, AND SYSTEM FOR CELL IDENTIFICATION

2022351105 **RUIXIN FUZHOU TECHNOLOGY CO., LTD** The nature of the amendment is: Amend the invention title to read SYSTEM,

Amendments

METHOD, DEVICE AND PREPARING METHOD THEREOF FOR DETECTING CELLULAR MECHANICAL FORCE

2022352380 **BIRDSHADES INNOVATIONS GMBH** The nature of the amendment is: Amend the invention title to read Film product for application to a building envelope for protection against bird strike

2022354713 **NATIONAL RESEARCH COUNCIL OF CANADA; FUSION PHARMACEUTICALS INC.** The nature of the amendment is: Amend the priority details to add divisional 2021466827

2022369627 **KOBAYASHI PHARMACEUTICAL CO., LTD.** The nature of the amendment is: Amend the invention title to read Anti-fogging agent composition

2022378041 **NATIONAL INSTITUTE FOR MATERIALS SCIENCE; NATIONAL UNIVERSITY CORPORATION SHIZUOKA UNIVERSITY; EBARA CORPORATION** The nature of the amendment is: Amend the invention title to read HYDROGEN PRODUCTION METHOD AND HYDROGEN PRODUCTION SYSTEM

2022380965 **HUAWEI TECHNOLOGIES CO., LTD.** The nature of the amendment is: Amend the invention title to read ANTENNA CHANNEL SOUNDING METHOD, APPARATUS, AND STORAGE MEDIUM

2022393009 **NIPPON STEEL CORPORATION** The nature of the amendment is: Amend the invention title to read Surface-Treated Steel

2022402810 **CATERPILLAR INC.** The nature of the amendment is: Amend the invention title to read Charging management for autonomous electric work vehicles at a worksite

2023

2023348040 **KOVAX CORPORATION** The nature of the amendment is: Amend the invention title to read SHEET-LIKE ABRASIVE ARTICLE

2024

2024202761 **University of Cincinnati** The nature of the amendment is: Amend the invention title to read COMPOSITIONS AND METHODS FOR TREATING DEFECTS IN AVASCULAR CARTILAGINOUS TISSUE BY DIRECTLY ADMINISTERING ONE OR MORE METABOLITES OF SIMVASTATIN

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

2004

2004254128 DuPont Nutrition Biosciences ApS The name of the patentee has been altered to **International N&H Denmark ApS**

2005

2005221890 DuPont Nutrition Biosciences ApS The name of the patentee has been altered to **International N&H Denmark ApS**

2007

2007302715 DuPont Nutrition Biosciences ApS The name of the patentee has been altered to **International N&H Denmark ApS**

Amendments

2008

2008310961 DuPont Nutrition Biosciences ApS The name of the patentee has been altered to **International N&H Denmark ApS**

2009

2009252921 Skybike International Ltd The name of the patentee has been altered to **Certo Aerospace Limited**

2010

2010205639 DuPont Nutrition Biosciences ApS The name of the patentee has been altered to **International N&H Denmark ApS**

2010205640 DuPont Nutrition Biosciences ApS The name of the patentee has been altered to **International N&H Denmark ApS**

2010233935 DuPont Nutrition Biosciences ApS The name of the patentee has been altered to **International N&H Denmark ApS**

2010240473 DuPont Nutrition Biosciences ApS The name of the patentee has been altered to **International N&H Denmark ApS**

2010244397 DuPont Nutrition Biosciences ApS The name of the patentee has been altered to **International N&H Denmark ApS**

2011

2011237844 DuPont Nutrition Biosciences ApS The name of the patentee has been altered to **International N&H Denmark ApS**

2011275358 DuPont Nutrition Biosciences ApS The name of the patentee has been altered to **International N&H Denmark ApS**

2012

2012307299 DuPont Nutrition Biosciences ApS The name of the patentee has been altered to **International N&H Denmark ApS**

2012356229 DuPont Nutrition Biosciences ApS The name of the patentee has been altered to **International N&H Denmark ApS**

2013

2013201783 DuPont Nutrition Biosciences ApS The name of the patentee has been altered to **International N&H Denmark ApS**

2013273507 DuPont Nutrition Biosciences ApS The name of the patentee has been altered to **International N&H Denmark ApS**

2014

2014210581 DuPont Nutrition Biosciences ApS The name of the patentee has been altered to **International N&H Denmark ApS**

2014267427 DuPont Nutrition Biosciences ApS The name of the patentee has been altered to **International N&H Denmark ApS**

2014363517 DuPont Nutrition Biosciences ApS The name of the patentee has been altered to **International N&H Denmark ApS**

Amendments

2015

2015212749 DuPont Nutrition Biosciences ApS The name of the patentee has been altered to **International N&H Denmark ApS**

2015212840 DuPont Nutrition Biosciences ApS The name of the patentee has been altered to **International N&H Denmark ApS**

2015212842 DuPont Nutrition Biosciences ApS The name of the patentee has been altered to **International N&H Denmark ApS**

2015279261 DuPont Nutrition Biosciences ApS The name of the patentee has been altered to **International N&H Denmark ApS**

2015369696 DuPont Nutrition USA, Inc. The name of the patentee has been altered to **International N&H USA, Inc.**

2016

2016201761 DuPont Nutrition Biosciences ApS The name of the patentee has been altered to **International N&H Denmark ApS**

2016212100 DuPont Nutrition Biosciences ApS The name of the patentee has been altered to **International N&H Denmark ApS**

2016244755 DuPont Nutrition Biosciences ApS The name of the patentee has been altered to **International N&H Denmark ApS**

2016245900 DuPont Nutrition USA, Inc. The name of the patentee has been altered to **International N&H USA, Inc.**

2016371897 E. I. du Pont de Nemours and Company; DuPont Nutrition Biosciences ApS The name of the patentee has been altered to **E. I. du Pont de Nemours and Company; International N&H Denmark ApS**

2016431221 Verbio Vereinigte BioEnergie AG The name of the patentee has been altered to **Verbio SE**

2017

2017203253 DuPont Nutrition Biosciences ApS The name of the patentee has been altered to **International N&H Denmark ApS**

2017249660 DuPont Nutrition Biosciences ApS The name of the patentee has been altered to **International N&H Denmark ApS**

2017249661 DuPont Nutrition Biosciences ApS The name of the patentee has been altered to **International N&H Denmark ApS**

2017327485 DuPont Nutrition Biosciences ApS The name of the patentee has been altered to **International N&H Denmark ApS**

2017327504 DuPont Nutrition Biosciences ApS The name of the patentee has been altered to **International N&H Denmark ApS**

2017332665 DuPont Nutrition Biosciences ApS The name of the patentee has been altered to **International N&H Denmark ApS**

2017376264 DuPont Nutrition Biosciences ApS The name of the applicant has been altered to **International N&H Denmark ApS**

Amendments

2018

2018209083 DuPont Nutrition Biosciences ApS The name of the patentee has been altered to **International N&H Denmark ApS**

2018385259 DuPont Nutrition Biosciences ApS The name of the applicant has been altered to **International N&H Denmark ApS**

2018386654 DuPont Nutrition Biosciences ApS The name of the applicant has been altered to **International N&H Denmark ApS**

2018387151 DuPont Nutrition Biosciences ApS The name of the applicant has been altered to **International N&H Denmark ApS**

2018387212 DuPont Nutrition Biosciences ApS The name of the applicant has been altered to **International N&H Denmark ApS**

2018387755 DuPont Nutrition Biosciences ApS The name of the applicant has been altered to **International N&H Denmark ApS**

2018389217 Keter Plastic Ltd. ; Milwaukee Electric Tool Corporation The name of the applicant has been altered to **Keter Home and Garden Products Ltd; Milwaukee Electric Tool Corporation**

2018392233 DuPont Nutrition Biosciences ApS The name of the applicant has been altered to **International N&H Denmark ApS**

2018418824 DuPont Nutrition Biosciences ApS The name of the applicant has been altered to **International N&H Denmark ApS**

2019

2019208401 DuPont Nutrition Biosciences ApS The name of the applicant has been altered to **International N&H Denmark ApS**

2019208515 Aurigene Discovery Technologies Limited The name of the applicant has been altered to **Aurigene Oncology Limited**

2019228721 DuPont Nutrition Biosciences ApS The name of the patentee has been altered to **International N&H Denmark ApS**

2019234573 Seattle Children's Hospital (DBA Seattle Children's Research Institute) The name of the applicant has been altered to **Seattle Children's Hospital d/b/a Seattle Children's Research Institute**

2019234580 Seattle Children's Hospital (DBA Seattle Children's Research Institute) The name of the applicant has been altered to **Seattle Children's Hospital d/b/a Seattle Children's Research Institute**

2019282239 Calidi Biotherapeutics, Inc. The name of the applicant has been altered to **Calidi Biotherapeutics (Nevada), Inc.**

2019299527 DuPont Nutrition Biosciences ApS The name of the applicant has been altered to **International N&H Denmark ApS**

2019364262 DuPont Nutrition Biosciences ApS The name of the applicant has been altered to **International N&H Denmark ApS**

Amendments

2019370690 DuPont Nutrition Biosciences ApS The name of the applicant has been altered to **International N&H Denmark ApS**

2019384024 DuPont Nutrition Biosciences ApS The name of the applicant has been altered to **International N&H Denmark ApS**

2019392275 DuPont Nutrition Biosciences ApS The name of the applicant has been altered to **International N&H Denmark ApS**

2019392833 DuPont Nutrition Biosciences ApS The name of the applicant has been altered to **International N&H Denmark ApS**

2020

2020202755 Shire Human Genetic Therapies The name of the applicant has been altered to **Translate Bio, Inc.**

2020203266 DuPont Nutrition Biosciences ApS The name of the patentee has been altered to **International N&H Denmark ApS**

2020222221 DuPont Nutrition Biosciences ApS The name of the patentee has been altered to **International N&H Denmark ApS**

2020228355 DuPont Nutrition Biosciences ApS The name of the applicant has been altered to **International N&H Denmark ApS**

2020229834 DuPont Nutrition Biosciences ApS The name of the applicant has been altered to **International N&H Denmark ApS**

2020236909 DuPont Nutrition Biosciences ApS The name of the applicant has been altered to **International N&H Denmark ApS**

2020246373 DuPont Nutrition Biosciences ApS The name of the applicant has been altered to **International N&H Denmark ApS**

2020248464 TICEBA GmbH; Children's Medical Center Corporation The name of the applicant has been altered to **RHEACELL GmbH & Co. KG; Children's Medical Center Corporation**

2020248778 DuPont Nutrition Biosciences ApS The name of the patentee has been altered to **International N&H Denmark ApS**

2020260716 DuPont Nutrition Biosciences ApS The name of the applicant has been altered to **International N&H Denmark ApS**

2020268634 DuPont Nutrition Biosciences ApS The name of the applicant has been altered to **International N&H Denmark ApS**

2020283737 DuPont Nutrition USA, Inc. The name of the applicant has been altered to **International N&H USA, Inc.**

2020310162 DuPont Nutrition Biosciences ApS The name of the applicant has been altered to **International N&H Denmark ApS**

2021

2021217391 DuPont Nutrition Biosciences ApS The name of the applicant has been altered to **International N&H Denmark ApS**

Amendments

2021246535 DuPont Nutrition Biosciences ApS The name of the applicant has been altered to **International N&H Denmark ApS**

2021262496 DuPont Nutrition Biosciences ApS The name of the applicant has been altered to **International N&H Denmark ApS**

2021262864 TICEBA GmbH; Children's Medical Center Corporation The name of the applicant has been altered to **Children's Medical Center Corporation; RHEACELL GmbH & Co. KG**

2021265173 DuPont Nutrition Biosciences ApS The name of the applicant has been altered to **International N&H Denmark ApS**

2021273752 DuPont Nutrition Biosciences ApS The name of the applicant has been altered to **International N&H Denmark ApS**

2021357843 DuPont Nutrition Biosciences ApS The name of the applicant has been altered to **International N&H Denmark ApS**

2021386293 DuPont Nutrition Biosciences ApS The name of the applicant has been altered to **International N&H Denmark ApS**

2021399011 DuPont Nutrition Biosciences ApS The name of the applicant has been altered to **International N&H Denmark ApS**

2021399012 DuPont Nutrition Biosciences ApS The name of the applicant has been altered to **International N&H Denmark ApS**

2022

2022202844 DuPont Nutrition Biosciences ApS The name of the applicant has been altered to **International N&H Denmark ApS**

2022228362 THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY The name of the applicant has been altered to **The Research Foundation for the State University of New York; THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY**

2022228575 HELIX NANOTECHNOLOGIES, INC. The name of the applicant has been altered to **Helix Nanotechnologies Inc**

2022241539 ENVIZ PTY LTD The name of the applicant has been altered to **ENVIZ CO PTY LTD**

2022241543 Aurigene Discovery Technologies Limited The name of the applicant has been altered to **Aurigene Oncology Limited**

2022251858 DuPont Nutrition Biosciences ApS The name of the applicant has been altered to **International N&H Denmark ApS**

2022271246 HELIX NANOTECHNOLOGIES, INC. The name of the applicant has been altered to **Helix Nanotechnologies Inc**

2022279202 LST-AUTOMATION GMBH The name of the applicant has been altered to **Thielen Automation GmbH**

2022313491 SERUM LIFE SCIENCE EUROPE GMBH; SERUM INSTITUTE OF INDIA LTD. The name of the applicant has been altered

Amendments

to **SERUM LIFE SCIENCE EUROPE GMBH; Serum Institute Of India PVT Ltd**

2022375785 ATYR PHARMA, INC. The name of the applicant has been altered to **aTyr Pharma, Inc.**

2022377663 NANO COMPOSITE PRODUCTS The name of the applicant has been altered to **Nano Composite Products, Inc.**

2024

2024202721 Concrete Posts and Permanent Pickets Pty Ltd The name of the applicant has been altered to **Equipment Parts Supplies Pty Ltd**

2024900954 Fortescue Metals Group Ltd The name of the applicant has been altered to **FORTESCUE LTD**

2024901064 Davies Collison Cave Pty Ltd; Polymeron Pty Ltd The name of the applicant has been altered to **Polymeron Pty Ltd**

2024901158 Seradex Limited The name of the applicant has been altered to **Sedarex Limited**

Applications Open to Public Inspection

Name Index

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

(71) 5B IP Holdings Pty Ltd
 (11) AU-A-2023258367
 (21) 2023258367 (22) 31.10.2023
 (54) Photovoltaic Converter and Photovoltaic Arrays
 (51) Int. Cl.
 H02S 40/36 (2014.01)
 H01L 31/042 (2014.01)
 H02S 40/34 (2014.01)
 (31) 2022903226 (32) 31.10.22 (33) AU
 (43) 16.05.2024
 (72) Simeon Baker-Finch; Christopher McGrath; Rhett Evans; Adrian Turner
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Accenture Global Solutions Limited
 (11) AU-A-2024202749
 (21) 2024202749 (22) 26.04.2024
 (54) SYSTEM AND METHOD FOR VIDEO AUTHENTICATION
 (51) Int. Cl.
 G06F 21/32 (2013.01)
 G06N 20/00 (2019.01)
 G06Q 20/40 (2012.01)
 G06V 40/16 (2022.01)
 H04N 7/14 (2006.01)
 H04N 21/23 (2011.01)
 (43) 16.05.2024
 (62) 2022205172
 (72) SUNEJA, Ankit; NAIR, Rajeev Divakaran; KUMAR, S. Abishek
 (74) Murray Trento & Associates Pty Ltd

(71) Acuitas Therapeutics Inc.
 (11) AU-A-2024202770
 (21) 2024202770 (22) 29.04.2024
 (54) Novel lipids and lipid nanoparticle formulations for delivery of nucleic acids
 (51) Int. Cl.
 C07C 219/06 (2006.01)
 A61K 9/127 (2006.01)
 C07C 219/08 (2006.01)
 C07C 219/10 (2006.01)
 C07C 229/16 (2006.01)
 C07D 295/13 (2006.01)
 (43) 16.05.2024
 (62) 2022200794
 (72) Ansell, Steven M.; Du, Xinyao
 (74) Davies Collison Cave Pty Ltd

Agency for Science, Technology and Research see Chugai Seiyaku Kabushiki Kaisha
 (21) 2024202535

(71) AgResearch Limited
 (11) AU-A-2024202669
 (21) 2024202669 (22) 24.04.2024

(54) Agricultural Composition
 (51) Int. Cl.
 A01N 25/12 (2006.01)
 A23K 10/18 (2016.01)
 A23K 40/10 (2016.01)
 C05F 11/08 (2006.01)
 C12N 1/04 (2006.01)
 (43) 16.05.2024
 (62) 2022203773
 (72) Hurst, Mark Robin Holmes; Swaminathan, Jayanthi
 (74) Catalyst Intellectual Property

(71) Air Products and Chemicals, Inc.
 (11) AU-A-2023254916
 (21) 2023254916 (22) 25.10.2023
 (54) APPARATUS AND METHOD FOR ELECTROLYTE SOLUTION PRODUCTION
 (51) Int. Cl.
 C25B 15/08 (2006.01)
 C25B 1/04 (2021.01)
 C25B 15/02 (2021.01)
 C25B 15/029 (2021.01)
 (31) 17/977,085 (32) 31.10.22 (33) US
 (43) 16.05.2024
 (72) Wilson, Graeme Richard; Conway, Timothy Edward; Diamond, Barry W.; Akhurst, Matthew William; Nanjappan, Senthilkumar
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) Aktiebolaget SKF
 (11) AU-A-2023237107
 (21) 2023237107 (22) 27.09.2023
 (54) BEARING ARRANGEMENT OF A HORIZONTAL GRINDING MILL AND METHOD FOR DETERMINING THE FILL RATE OF THE MILL
 (51) Int. Cl.
 B02C 17/18 (2006.01)
 B02C 25/00 (2006.01)
 F16C 41/00 (2006.01)
 G01L 1/24 (2006.01)
 G01L 5/00 (2006.01)
 (31) 102022211338.1 (32) 26.10.22 (33) DE
 (43) 16.05.2024
 (72) Kemi, Eric Sixten Jonas; Van Eesbeek, Stijn; Amin Al Hajj, Mohamad; Lejon Efraimsson, Hans Linus
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Alcresta Therapeutics, Inc.
 (11) AU-A-2024202663
 (21) 2024202663 (22) 24.04.2024
 (54) Devices and methods for the supplementation of a nutritional formula
 (51) Int. Cl.
 A61J 1/20 (2006.01)
 A61J 15/00 (2006.01)

A61J 1/06 (2006.01)
 A61J 7/00 (2006.01)
 (43) 16.05.2024
 (62) 2018316476
 (72) FIRST, Eric; WIDOM, David
 (74) Spruson & Ferguson

Allergenis LLC see iCahn School of Medicine at Mount Sinai
 (21) 2024202507

(71) Apple Inc.
 (11) AU-A-2024202667
 (21) 2024202667 (22) 24.04.2024
 (54) Devices and methods for interacting with an application switching user interface
 (51) Int. Cl.
 G06F 3/0488 (2022.01)
 G06F 3/0483 (2013.01)
 (43) 16.05.2024
 (62) 2022224714
 (72) Kedia, Shubham; Walkin, Brandon M.; Alonso Ruiz, Marcos; Karunamuni, Chanaka G.
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
 (11) AU-A-2024202670
 (21) 2024202670 (22) 24.04.2024
 (54) Devices, methods, and graphical user interfaces for interacting with three-dimensional environments
 (51) Int. Cl.
 G06F 3/0481 (2022.01)
 G06F 3/01 (2006.01)
 G06F 3/0484 (2022.01)
 G06F 3/0485 (2022.01)
 (43) 16.05.2024
 (62) 2020356572
 (72) FAULKNER, Jeffrey M.; PASTRANA VICENTE, Israel; ROCKEL, Philipp; HOLDER, Wesley M.; CONESA, Pol Pla I.; HENDERSON, Nicholas W.; TILTON, Robert T.; DELLINGER, Richard R.; LEMAY, Stephen O.; SORRENTINO III, William A.; YERKES, Giancarlo; MARI, Pedro; BAUERLY, Kristi E. S.
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
 (11) AU-A-2024202699
 (21) 2024202699 (22) 24.04.2024
 (54) Device, method, and graphical user interface for navigating media content
 (51) Int. Cl.
 G06F 3/00 (2006.01)

Applications Open to Public Inspection - Name Index cont'd

- (43) 16.05.2024
(62) 2022291520
(72) Penha, Henrique D.; Hwang, Grace H.; Clarke, Graham R.; Butcher, Gary I.; Alonzo Ruiz, Marcos; Pivonka, Pavel; Robbin, Jeffrey L.; Bachman, William M.; Keighran, Benjamin W.; Folse, Jennifer L. C.; Lochhead, Jonathan; Howard, Joe R.; McGlinn, Joshua K.; Chen, Elbert D.; Schmitt, Brian A.; Chaudhri, Imran A.; Iye, Jonathan; Dye, Alan C.; Wilson, Christopher I.; Williams, Aled H.; Bebbington, Samuel H.
(74) FPA Patent Attorneys Pty Ltd
-
- (71) Apple Inc.
(11) AU-A-2024202748
(21) 2024202748 (22) 26.04.2024
(54) Authenticated device used to unlock another device
(51) Int. Cl.
G06F 21/35 (2013.01)
H04M 1/725 (2021.01)
H04W 4/00 (2018.01)
H04W 4/20 (2018.01)
H04W 12/00 (2021.01)
H04W 12/06 (2021.01)
(43) 16.05.2024
(62) 2022218517
(72) YANG, Lawrence Y.; IAROCCI, John J.; BUTCHER, Gary Ian; LYNCH, Kevin
(74) FPA Patent Attorneys Pty Ltd
-
- (71) Apple Inc.
(11) AU-A-2024202768
(21) 2024202768 (22) 29.04.2024
(54) Multi-participant live communication user interface
(51) Int. Cl.
H04L 12/18 (2006.01)
H04L 12/58 (2006.01)
(43) 16.05.2024
(62) 2023248185
(72) CARO, Pablo F.; CHANG, Jae Woo; DRYER, Allison; DYE, Alan C.; FEDERIGHI, Craig M.; GARCIA, Robert; KING, Nicholas V.; LEMAY, Stephen O.; LOUCH, John; PHAM, Hoan; CALLAWAY, Peter; VAN OS, Marcel; BROUGHTON, Lee S.
(74) FPA Patent Attorneys Pty Ltd
-
- (71) Apple Inc.
(11) AU-A-2024202809
(21) 2024202809 (22) 30.04.2024
(54) Devices, methods, and user interfaces for providing audio notifications
(51) Int. Cl.
G06F 3/16 (2006.01)
G06F 1/16 (2006.01)
H04S 7/00 (2006.01)
H04W 4/12 (2009.01)
(43) 16.05.2024
(62) 2022218518
(72) KELLY, Sean B.; BARK, Karlin Y.; CHALMERS, Devin W.
(74) FPA Patent Attorneys Pty Ltd
-
- (71) ARCTIC WOLF NETWORKS, INC.
(11) AU-A-2023254933
(21) 2023254933 (22) 25.10.2023
(54) APPARATUS AND METHOD FOR MONITORING OF DATA FOR ATTACK DETECTION AND PREVENTION
(51) Int. Cl.
G06F 21/55 (2013.01)
G06F 9/54 (2006.01)
H04L 41/06 (2022.01)
(31) 18/050,398 (32) 27.10.22 (33) US
18/339,690 22.06.23 US
(43) 16.05.2024
(72) SOLIMAN, Hazem Mohamed Ahmed; MAYYA, Niranjana
(74) RnB IP Pty Ltd
-
- (71) Arrowhead Pharmaceuticals, Inc.
(11) AU-A-2024202695
(21) 2024202695 (22) 24.04.2024
(54) Alpha-v beta-6 integrin ligands and uses thereof
(51) Int. Cl.
C12N 15/113 (2010.01)
A61K 31/713 (2006.01)
C07K 5/08 (2006.01)
C07K 16/28 (2006.01)
(43) 16.05.2024
(62) 2017354041
(72) Almeida, Aaron; Li, Zhen; Bush, Erik W.; Pei, Tao; Glebocka, Angieszka; Nicholas, Anthony; Carlson, Jeffrey; Fowler-Watters, Matthew
(74) Davies Collison Cave Pty Ltd
-
- (71) ASSA ABLOY Australia Pty Limited
(11) AU-A-2023251488
(21) 2023251488 (22) 19.10.2023
(54) A LATCH ASSEMBLY
(51) Int. Cl.
E05B 15/10 (2006.01)
E05B 15/00 (2006.01)
E05B 63/12 (2006.01)
E05C 1/00 (2006.01)
E05C 1/08 (2006.01)
E05B 15/02 (2006.01)
E05B 15/04 (2006.01)
E05B 63/10 (2006.01)
(31) 2022903080 (32) 19.10.22 (33) AU
(43) 16.05.2024
(72) Murray, Craig Stuart
(74) PHILLIPS ORMONDE FITZPATRICK
-
- (71) Beijing Eacon Technology Co., LTD.
(11) AU-A-2023237086
(21) 2023237086 (22) 27.09.2023
(54) Automatic cleaning apparatus for perception sensor and unmanned vehicle
(51) Int. Cl.
B60S 1/54 (2006.01)
B60S 1/56 (2006.01)
(31) 202222863175.8 (32) 28.10.22 (33) CN
(43) 16.05.2024
(72) ZHENG, Jinduo; LIN, Qiao; GAO, Qian-qian; LI, Guanghan
(74) Davies Collison Cave Pty Ltd
-
- (71) Boart Longyear Company
(11) AU-A-2022263484
(21) 2022263484 (22) 01.11.2022
(54) Drill rods having stabilizers, and systems and methods comprising same
(51) Int. Cl.
E21B 17/10 (2006.01)
E21B 17/042 (2006.01)
(43) 16.05.2024
(72) Drenth, Christopher L.; Brubacher, Adrian
(74) FPA Patent Attorneys Pty Ltd
-
- (71) BOESTEN, L.
(11) AU-A-2023204085
(21) 2023204085 (22) 27.06.2023
(54) A BICYCLE HELMET
(51) Int. Cl.
A42B 3/06 (2006.01)
A42B 3/10 (2006.01)
A42B 3/16 (2006.01)
A42B 3/22 (2006.01)
A42B 3/28 (2006.01)
A42B 3/04 (2006.01)
A42B 3/08 (2006.01)
(31) 2022903184 (32) 27.10.22 (33) AU
(43) 16.05.2024
(72) BOESTEN, Leo
(74) Adams Pluck
-
- (71) Bone, J.
(11) AU-A-2022259862
(21) 2022259862 (22) 29.10.2022
(54) Online procurement tool for small businesses
(51) Int. Cl.
G06Q 30/06 (2012.01)
G06Q 40/00 (2012.01)
(43) 16.05.2024
(72) Bone, Justin
(74) Justin Bone
-
- (71) Canva Pty Ltd
(11) AU-A-2022263478
(21) 2022263478 (22) 01.11.2022
(54) Systems and methods for creating and using deformable text shapes
(51) Int. Cl.
G06T 11/60 (2006.01)
G06T 11/20 (2006.01)
(43) 16.05.2024
(72) WU WON, Kevin Andrew; ADEKUNLE, Abiodun Quadri; LOMAS, Arran Peter
(74) FPA Patent Attorneys Pty Ltd
-
- (71) Canva Pty Ltd
(11) AU-A-2022263506
(21) 2022263506 (22) 02.11.2022
(54) Systems and methods for creating and using deformable text shapes
(51) Int. Cl.
G06T 11/60 (2006.01)
G06T 11/20 (2006.01)

Applications Open to Public Inspection - Name Index cont'd

- (43) 16.05.2024
(62) 2022263478
(72) WU WON, Kevin Andrew; ADEKUNLE, Abiodun Quadri; LOMAS, Arran Peter
(74) FPA Patent Attorneys Pty Ltd
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- (71) Canva Pty Ltd
(11) AU-A-2023201996
(21) 2023201996 (22) 31.03.2023
(54) Systems and methods for identifying and/or transferring decorative design elements
(51) Int. Cl.
G06T 3/00 (2006.01)
G06T 9/00 (2006.01)
G06F 8/34 (2018.01)
(43) 16.05.2024
(62) 2023201537
(72) Surjadi, Desiree
(74) FPA Patent Attorneys Pty Ltd
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(11) AU-A-2023203016
(21) 2023203016 (22) 15.05.2023
(54) Image enhancement
(51) Int. Cl.
G06T 5/40 (2006.01)
G06N 3/0464 (2023.01)
(43) 16.05.2024
(62) 2023201686
(72) Sanchit, Sanchit; Tack, Alexander
(74) FPA Patent Attorneys Pty Ltd
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(11) AU-A-2023203018
(21) 2023203018 (22) 15.05.2023
(54) Image enhancement
(51) Int. Cl.
G06T 5/40 (2006.01)
G06N 3/0464 (2023.01)
(43) 16.05.2024
(62) 2023201686
(72) Sanchit, Sanchit; Tack, Alexander
(74) FPA Patent Attorneys Pty Ltd
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- (71) CATERPILLAR INC.
(11) AU-A-2023241293
(21) 2023241293 (22) 04.10.2023
(54) SYSTEM AND METHOD FOR REGULATING ENVIRONMENT WITHIN OPERATOR CABIN OF MACHINE
(51) Int. Cl.
B60H 3/06 (2006.01)
B60H 1/00 (2006.01)
B60H 1/24 (2006.01)
(31) 18/050165 (32) 27.10.22 (33) US
(43) 16.05.2024
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(74) FPA Patent Attorneys Pty Ltd
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(11) AU-A-2024202797
- (21) 2024202797 (22) 30.04.2024
(54) DEVICES FOR GAMING
(51) Int. Cl.
G07F 17/32 (2006.01)
(43) 16.05.2024
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(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) Checkpoint Systems, Inc.
(11) AU-A-2024202677
(21) 2024202677 (22) 24.04.2024
(54) ADJUSTABLE CLAMP PRODUCT SECURITY DEVICE
(51) Int. Cl.
E05B 73/00 (2006.01)
G08B 13/24 (2006.01)
(43) 16.05.2024
(62) 2018301688
(72) SCHNEIDER, Peter; PICCOLI, Anthony F.
(74) Maxwells Patent & Trade Mark Attorneys Pty Ltd
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- (71) Chugai Seiyaku Kabushiki Kaisha; Agency for Science, Technology and Research
(11) AU-A-2024202535
(21) 2024202535 (22) 17.04.2024
(54) Anti-dengue virus antibodies, polypeptides containing variant Fc regions, and methods of use
(51) Int. Cl.
C07K 16/10 (2006.01)
A61K 39/42 (2006.01)
A61P 31/12 (2006.01)
(43) 16.05.2024
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(72) SAMPEI, Zenjiro; KOO, Xing'er Christine; FINK, Katja; ZUEST, Roland
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(21) 2022259841 (22) 28.10.2022
(54) A Lawn Bowl
(51) Int. Cl.
A63B 37/00 (2006.01)
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(74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD
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(11) AU-A-2023255039
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(54) AN INTEGRATED REMOTE RADIO HEAD AND ANTENNA MODULE ASSEMBLY
(51) Int. Cl.
H01Q 1/12 (2006.01)
H01Q 1/22 (2006.01)
- H01Q 1/24 (2006.01)
H01Q 3/04 (2006.01)
(31) 17/978881 (32) 01.11.22 (33) US
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(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 38/00 (2006.01)
C07K 14/00 (2006.01)
C12N 15/113 (2010.01)
(43) 16.05.2024
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(74) Davies Collison Cave Pty Ltd
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- (71) CONRAD, C.
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(54) REAL-TIME KEY PERFORMANCE INDICATOR
(51) Int. Cl.
G06Q 10/06 (2023.01)
(31) 17/975,930 (32) 28.10.22 (33) US
(43) 16.05.2024
(72) CONRAD, Christopher
(74) RnB IP Pty Ltd
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(11) AU-A-2024201890
(21) 2024201890 (22) 22.03.2024
(54) Bicyclic BET bromodomain inhibitors and uses thereof
(51) Int. Cl.
C07D 413/14 (2006.01)
A61K 31/4706 (2006.01)
A61K 31/517 (2006.01)
A61P 19/02 (2006.01)
A61P 25/28 (2006.01)
A61P 31/18 (2006.01)
A61P 35/00 (2006.01)
A61P 35/02 (2006.01)
C07D 239/84 (2006.01)
C07D 401/04 (2006.01)
C07D 413/04 (2006.01)
C07D 471/04 (2006.01)
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(71) COOPERVISION INTERNATIONAL LIMITED

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(21) 2024202801 **(22)** 30.04.2024

(54) Acquiring and inspecting images of ophthalmic lenses

(51) Int. Cl.
G06V 10/25 (2022.01)
B29D 11/00 (2006.01)
G01M 11/02 (2006.01)
G01N 21/958 (2006.01)
G06N 3/04 (2023.01)
G06T 7/00 (2017.01)
G06V 10/28 (2022.01)
G06V 10/32 (2022.01)
G06V 10/764 (2022.01)
G06V 10/774 (2022.01)
G06V 10/82 (2022.01)

(43) 16.05.2024

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(72) YOSHIDA, Alexandra-Florentina; McCULLOCH, Kirsty

(74) Griffith Hack

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(11) AU-A-2023255049

(21) 2023255049 **(22)** 28.10.2023

(54) System and Method for growing fungal mycelium

(51) Int. Cl.
C12N 1/14 (2006.01)
C12M 1/00 (2006.01)
C12M 1/34 (2006.01)

(31) 2022903207 **(32)** 28.10.22 **(33)** AU

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(72) Patrick Conrick; Kevin Healey

(74) Corrix Pty Ltd

(71) Cosmo Artificial Intelligence - Ai Limited

(11) AU-A-2024202744

(21) 2024202744 **(22)** 26.04.2024

(54) SYSTEMS AND METHODS FOR PROCESSING REAL-TIME VIDEO FROM A MEDICAL IMAGE DEVICE AND DETECTING OBJECTS IN THE VIDEO

(51) Int. Cl.
G06T 7/00 (2017.01)
A61B 1/00 (2006.01)
A61B 1/31 (2006.01)
G06N 3/04 (2023.01)

(43) 16.05.2024

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(71) CTTQ-Akeso (ShangHai) Biomed. Tech. Co., Ltd.

(11) AU-A-2024202527

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(54) Anti-PD1 monoclonal antibody, pharmaceutical composition thereof and use thereof

(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
A61P 35/02 (2006.01)
C12N 5/20 (2006.01)
C12N 15/13 (2006.01)
G01N 33/577 (2006.01)
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(71) Cummins Power Generation Inc.

(11) AU-A-2024202674

(21) 2024202674 **(22)** 24.04.2024

(54) Power system sequencing scheme for any arbitrary topology

(51) Int. Cl.
H02J 3/00 (2006.01)
H02J 13/00 (2006.01)

(43) 16.05.2024

(62) 2021210371

(72) AUFDERHAR, Kevin J; DAHLEN, Paul R; MCDONALD, Dennis G

(74) FB Rice Pty Ltd

(71) Dana-Farber Cancer Institute, Inc.

(11) AU-A-2024202680

(21) 2024202680 **(22)** 24.04.2024

(54) Immunotherapy compositions and methods

(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
C07K 16/30 (2006.01)

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(72) NOVINA, Carl; DISTEL, Robert; NOBILI, Alberto

(74) Spruson & Ferguson

(71) Daon Technology

(11) AU-A-2023210643

(21) 2023210643 **(22)** 03.08.2023

(54) METHODS AND SYSTEMS FOR DETERMINING THE AUTHENTICITY OF AN IDENTITY DOCUMENT

(51) Int. Cl.
G06V 40/40 (2022.01)
G06T 7/90 (2017.01)
G06V 30/18 (2022.01)

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(43) 16.05.2024

(72) Markovic, Zorana

(74) Wallington-Dummer

(71) Deere & Company

(11) AU-A-2023208146

(21) 2023208146 **(22)** 27.07.2023

(54) A method and system of controlling a display on a work machine having grade control

(51) Int. Cl.
G05B 19/19 (2006.01)

(31) 18/050546 **(32)** 28.10.22 **(33)** US
(43) 16.05.2024

(72) Sulzer, Bryan D.; Rausch, Bryan J.; Pacholl, Benjamin D.

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(71) Deere & Company

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(54) Selective fertilizer placement based on optical seed detection

(51) Int. Cl.
A01C 23/02 (2006.01)
A01C 7/06 (2006.01)
A01C 15/00 (2006.01)
A01C 21/00 (2006.01)
A01C 23/00 (2006.01)
A01M 7/00 (2006.01)
G01B 9/00 (2006.01)
G06T 7/00 (2017.01)

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(72) Hubner, Cary S.; Lichtenwalner, Houstin Lee; Ferren, Bran

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(71) Deere & Company

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(54) Seed metering device and method of mounting the same

(51) Int. Cl.
A01C 7/10 (2006.01)
A01C 7/12 (2006.01)
A01C 7/14 (2006.01)
A01C 7/20 (2006.01)

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(74) Davies Collison Cave Pty Ltd

(71) Dexcom, Inc.

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(21) 2024202725 **(22)** 26.04.2024

(54) Systems, devices and methods for analyte monitoring system

(51) Int. Cl.
A61B 5/1486 (2006.01)
A61B 5/00 (2006.01)
A61B 5/145 (2006.01)
A61B 5/1495 (2006.01)

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(74) FB Rice Pty Ltd

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- (54) Data backfilling for continuous glucose monitoring
- (51) Int. Cl.
A61B 5/145 (2006.01)
G06F 21/62 (2013.01)
G16H 15/00 (2018.01)
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(54) DECONVOLUTION OF DOWN-GOING SEISMIC WAVEFIELDS
- (51) Int. Cl.
G01V 1/36 (2006.01)
G01V 1/28 (2006.01)
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(72) HAMPSON, Gary; SZUMSKI, Gregory
(74) AUSTRALASIA IP PTY LTD
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(11) AU-A-2023237039
(21) 2023237039 (22) 26.09.2023
(54) Entomopathogenic Fungal Isolates
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A01N 63/30 (2020.01)
A01P 7/04 (2006.01)
C12N 1/14 (2006.01)
C12R 1/645 (2006.01)
- (31) 2022903196 (32) 28.10.22 (33) AU
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(72) Sciacca, Francesco
(74) KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD
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- (71) Edwards Lifesciences Corporation
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(21) 2024202782 (22) 29.04.2024
(54) Expandable sheath and methods of using the same
- (51) Int. Cl.
A61M 25/00 (2006.01)
A61B 17/34 (2006.01)
A61F 2/24 (2006.01)
A61F 2/962 (2013.01)
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(72) LE, Thanh Huy; LE, Tung T.; MAK, Sovanpheap; GOWDAR, Alpana Kiran; WHITE, Richard D.; TRAN, Sonny
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(11) AU-A-2024202743
(21) 2024202743 (22) 26.04.2024
- (54) Image guided surgery system guide wire and methods of manufacture and use
- (51) Int. Cl.
A61B 17/24 (2006.01)
A61B 34/20 (2016.01)
A61B 90/00 (2016.01)
A61B 90/98 (2016.01)
A61M 25/09 (2006.01)
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(62) 2020346080
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A61M 16/08 (2006.01)
A61M 16/16 (2006.01)
A61M 39/10 (2006.01)
F16L 11/115 (2006.01)
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A61M 16/06 (2006.01)
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A61M 16/00 (2006.01)
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(74) AJ PARK
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(54) Railroad spike remover
- (51) Int. Cl.
E01B 29/32 (2006.01)
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(54) Comparison support program, comparison support method, and information processing apparatus
- (51) Int. Cl.
G06V 10/40 (2022.01)
G06T 7/20 (2017.01)
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(72) YOSHIOKA, Takahiro; KONNO, Takeshi
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(54) Comparison support program, comparison support method, and information processing apparatus
- (51) Int. Cl.
G06V 10/82 (2022.01)
G06N 3/02 (2006.01)
G06N 20/00 (2019.01)
G06V 10/764 (2022.01)
G06V 20/60 (2022.01)
G06V 40/20 (2022.01)
- (31) 2022-174965 (32) 31.10.22 (33) JP
(43) 16.05.2024
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(74) Spruson & Ferguson
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- (71) Geomni, Inc.
(11) AU-A-2024202730
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(54) System and method for mission planning and flight automation for unmanned aircraft
- (51) Int. Cl.
G01C 21/34 (2006.01)
- (43) 16.05.2024
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(74) Davies Collison Cave Pty Ltd
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 (51) Int. Cl.
F24F 11/74 (2018.01)
F04D 27/00 (2006.01)
G05D 23/19 (2006.01)
H01L 23/34 (2006.01)
H05K 7/20 (2006.01)
 (31) 202211317137.0 (32) 26.10.22 (33) CN
 (43) 16.05.2024
 (72) CHIU, Chia-Chang
 (74) WRAYS PTY LTD

(71) Getac Technology Corporation
 (11) AU-A-2023201337
 (21) 2023201337 (22) 03.03.2023
 (54) Vehicle power management system and operation method thereof
 (51) Int. Cl.
H02J 7/00 (2006.01)
B60L 1/00 (2006.01)
B60R 16/03 (2006.01)
 (31) 63/420,467 (32) 28.10.22 (33) US
 (43) 16.05.2024
 (72) HUNG, Yung-Le; HUANG, Cheng-Liang
 (74) A.P.T. Patent and Trade Mark Attorneys

(71) Getac Technology Corporation
 (11) AU-A-2023201891
 (21) 2023201891 (22) 28.03.2023
 (54) Vehicle uninterruptible power supply system and control method thereof
 (51) Int. Cl.
H02J 7/00 (2006.01)
B60R 16/03 (2006.01)
 (31) 63/420,467 (32) 28.10.22 (33) US
 (43) 16.05.2024
 (72) HU, Chien-Chih
 (74) A.P.T. Patent and Trade Mark Attorneys

(71) Grand Performance Online Pty Ltd
 (11) AU-A-2024202810
 (21) 2024202810 (22) 30.04.2024
 (54) Autonomous and integrated system, method and computer program for dynamic optimisation and allocation of resources for defined spaces and time periods
 (51) Int. Cl.
G06Q 50/12 (2012.01)
G06Q 10/02 (2012.01)
G06Q 10/04 (2023.01)
G06Q 10/08 (2023.01)
 (43) 16.05.2024
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 (72) PETROULAS, Peter
 (74) Spruson & Ferguson

(71) Guangdong Crystal Island Healthwise Co., Ltd.
 (11) AU-A-2023254995
 (21) 2023254995 (22) 26.10.2023
 (54) Embedded tank
 (51) Int. Cl.
E04H 4/12 (2006.01)

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 (72) HE, Zhikeng; LI, Jun; YANG, Faguo; WANG, Zhongming; YU, Guangyang
 (74) A.P.T. Patent and Trade Mark Attorneys

(71) Halo Smart Solutions, Inc.
 (11) AU-A-2023258374
 (21) 2023258374 (22) 31.10.2023
 (54) SENSOR DEVICE, SYSTEM AND METHOD
 (51) Int. Cl.
G01N 15/02 (2006.01)
G01D 21/02 (2006.01)
G08B 17/10 (2006.01)
 (31) 17/977002 (32) 31.10.22 (33) US
 (43) 16.05.2024
 (72) Paul GALBURT; Kenneth ADDY; Frank L JACOVINO
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Hark Medical Research Pty Ltd
 (11) AU-A-2022259848
 (21) 2022259848 (22) 28.10.2022
 (54) Apparatus, system and process
 (51) Int. Cl.
A61J 7/00 (2006.01)
B65D 83/08 (2006.01)
B65H 75/18 (2006.01)
G16H 20/13 (2018.01)
A61B 5/1171 (2016.01)
A61B 5/1172 (2016.01)
A61J 7/04 (2006.01)
G08B 3/10 (2006.01)
G08B 5/22 (2006.01)
G16H 10/60 (2018.01)
 (43) 16.05.2024
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 (74) Davies Collison Cave Pty Ltd

(71) Heat Biologics, Inc.
 (11) AU-A-2024202253
 (21) 2024202253 (22) 08.04.2024
 (54) Compositions and methods for adjoining type i and type ii extracellular domains as heterologous chimeric proteins
 (51) Int. Cl.
C07K 14/525 (2006.01)
A61K 38/17 (2006.01)
A61K 38/19 (2006.01)
C07K 14/705 (2006.01)
C12N 7/00 (2006.01)
C12N 15/85 (2006.01)
 (43) 16.05.2024
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 (11) AU-A-2024202687
 (21) 2024202687 (22) 24.04.2024

(54) Apparatuses and methods for implanting glenoid prostheses
 (51) Int. Cl.
A61B 17/17 (2006.01)
A61B 17/16 (2006.01)
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 (21) 2024202787 (22) 30.04.2024
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 (51) Int. Cl.
A61B 34/10 (2016.01)
A61B 34/20 (2016.01)
A61B 90/00 (2016.01)
A61B 90/50 (2016.01)
 (43) 16.05.2024
 (62) 2021224529
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 (74) FB Rice Pty Ltd

(71) Huawei Technologies Co., Ltd.
 (11) AU-A-2024202818
 (21) 2024202818 (22) 30.04.2024
 (54) DATA TRANSMISSION METHOD AND RELATED APPARATUS
 (51) Int. Cl.
H04W 72/04 (2023.01)
H04W 84/12 (2009.01)
 (43) 16.05.2024
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 (11) AU-A-2024202819
 (21) 2024202819 (22) 30.04.2024
 (54) MULTI-LINK GROUP ADDRESSED TRAFFIC TRANSMISSION METHOD, APPARATUS, CHIP SYSTEM, MEDIUM AND SYSTEM
 (51) Int. Cl.
H04W 4/06 (2009.01)
H04W 72/00 (2023.01)
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 (62) 2021283607
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 (11) AU-A-2023285987
 (21) 2023285987 (22) 30.05.2023

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B66C 13/20 (2006.01)
B66C 23/82 (2006.01)
B66C 23/86 (2006.01)
F15B 13/02 (2006.01)
 (31) 202211329157.X (32) 27.10.22 (33) CN
 (43) 16.05.2024
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 (74) Madderns Pty Ltd
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 (21) 2022263466 (22) 31.10.2022
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 (51) Int. Cl.
B65D 55/02 (2006.01)
B65D 5/02 (2006.01)
B65D 5/10 (2006.01)
 (43) 16.05.2024
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 (51) Int. Cl.
G01N 33/53 (2006.01)
G01N 33/02 (2006.01)
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 (21) 2023233143 (22) 21.09.2023
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 (51) Int. Cl.
B60S 1/38 (2006.01)
C09D 5/00 (2006.01)
C09D 7/20 (2018.01)
C09D 7/61 (2018.01)
C09D 7/63 (2018.01)
C09D 7/65 (2018.01)
C09D 183/08 (2006.01)
 (31) 63/420,104 (32) 28.10.22 (33) US
 18/234,445 16.08.23 US
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 (21) 2023233176 (22) 22.09.2023
 (54) Method of treating a chemical product
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C07C 319/28 (2006.01)
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 (21) 2023258348 (22) 31.10.2023
 (54) Roofing Fastener
 (51) Int. Cl.
E04D 3/36 (2006.01)
F16B 25/00 (2006.01)
F16B 25/10 (2006.01)
F16B 33/00 (2006.01)
H02S 20/23 (2014.01)
F16B 43/00 (2006.01)
 (31) 2022903245 (32) 01.11.22 (33) AU
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C12Q 1/68 (2018.01)
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 (11) AU-A-2024202609
 (21) 2024202609 (22) 22.04.2024
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 (51) Int. Cl.
C07K 7/06 (2006.01)
A61K 38/17 (2006.01)
A61K 39/00 (2006.01)
A61P 35/00 (2006.01)
C07K 7/08 (2006.01)
G01N 33/50 (2006.01)
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 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd
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C07D 401/10 (2006.01)
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 (11) AU-A-2024202753
 (21) 2024202753 (22) 26.04.2024
 (54) Monitoring Apparatus and System
 (51) Int. Cl.
G06Q 10/00 (2023.01)
G06F 9/46 (2006.01)
G06F 17/40 (2006.01)
H04L 12/26 (2006.01)
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 (72) RICE, Patrick Jeremy
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 (54) NEUTRALIZATION OF INHIBITORY PATHWAYS IN LYMPHOCYTES
 (51) Int. Cl.
C07K 16/28 (2006.01)
A61P 35/00 (2006.01)
 (43) 16.05.2024
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 (51) Int. Cl.
G06F 7/00 (2006.01)
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 (54) CAMERA CARRYING SYSTEM WITH LOCKABLE STRAP AND TRIPOD ADAPTER

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 (74) Franke Hyland Pty Ltd

(71) Johnson & Johnson Vision Care, Inc.
 (11) AU-A-2024202765
 (21) 2024202765 (22) 29.04.2024
 (54) Ametropia treatment tracking methods and system
 (51) Int. Cl.
A61B 34/10 (2016.01)
A61F 9/007 (2006.01)
G16H 20/00 (2018.01)
 (43) 16.05.2024
 (62) 2018202725
 (72) BRENNAN, Noel A.; CHENG, Xu
 (74) Spruson & Ferguson

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 (21) 2024202652 (22) 23.04.2024
 (54) FITTING APPARATUS FOR CONNECTING PIPES
 (51) Int. Cl.
F16L 13/14 (2006.01)
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 (62) 2021286409
 (72) LEE, Kwang Won
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(71) Koch Innovations Safety Solutions Pty Ltd
 (11) AU-A-2023229495
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 (54) TIRE SAFETY APPARATUS
 (51) Int. Cl.
B60C 29/06 (2006.01)
B60C 19/00 (2006.01)
 (31) 2022903187 (32) 27.10.22 (33) AU
 (43) 16.05.2024
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 (21) 2023248191

(71) Komatsu Ltd.
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 (54) System and method for determining construction plan for work machine at construction site
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G06Q 50/08 (2012.01)
 (43) 16.05.2024
 (62) 2020415683
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 (51) Int. Cl.
C01B 3/56 (2006.01)
C01B 3/32 (2006.01)
C08J 11/12 (2006.01)
F23G 5/24 (2006.01)
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(71) Koppers Performance Chemicals Inc.
 (11) AU-A-2024202762
 (21) 2024202762 (22) 29.04.2024
 (54) Solvent-borne wood preservative compositions
 (51) Int. Cl.
A01N 25/02 (2006.01)
A01N 25/04 (2006.01)
A01N 43/56 (2006.01)
A01N 43/653 (2006.01)
A01N 59/16 (2006.01)
A01N 59/20 (2006.01)
B27K 3/00 (2006.01)
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 (62) 2018240308
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(71) KOSHIMURA Kunio
 (11) AU-A-2023285941
 (21) 2023285941 (22) 30.08.2023
 (54) Data transmission/reception control method and data transmission/reception control system
 (51) Int. Cl.
G06Q 10/06 (2023.01)
G06Q 10/10 (2023.01)
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 (43) 16.05.2024
 (72) KOSHIMURA Kunio; KOSHIMURA Sho
 (74) Davies Collison Cave Pty Ltd

(71) KOVAX CORPORATION
 (11) AU-A-2023348040
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 (54) SHEET-FORM POLISHING ARTICLE
 (51) Int. Cl.
B24D 11/00 (2006.01)
B24D 3/30 (2006.01)
B24D 11/02 (2006.01)
B32B 5/16 (2006.01)
C09K 3/14 (2006.01)
 (31) 2022-173119 (32) 28.10.22 (33) JP
 (43) 16.05.2024
 (72) KURAMOCHI Norio; YOSHIDA Yukio
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 (11) AU-A-2024202759

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G06N 3/002 (2006.01)
A61B 3/113 (2006.01)
A61B 3/14 (2006.01)
B60W 40/00 (2006.01)
B62D 1/04 (2006.01)
G01S 5/22 (2006.01)
G05D 1/00 (2006.01)
G05G 1/38 (2008.04)
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 (72) KRISHNAN, Ashok
 (74) Ashok Krishnan

(71) Kwesst Inc.
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 (54) LOW ENERGY CARTRIDGE
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F42B 5/02 (2006.01)
F41A 21/18 (2006.01)
F42B 5/045 (2006.01)
F42B 5/16 (2006.01)
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 (72) Luxton, David Edward
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 (21) 2024202614 (22) 22.04.2024
 (54) Methods for improving genome engineering and regeneration in plant
 (51) Int. Cl.
C07K 14/415 (2006.01)
A01H 4/00 (2006.01)
C12N 15/82 (2006.01)
A01H 5/00 (2018.01)
 (43) 16.05.2024
 (62) 2019285083
 (72) MENG, Ling
 (74) Spruson & Ferguson

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 (11) AU-A-2024202712
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 (54) Self-propelled buoyant energy converter and method for deploying same
 (51) Int. Cl.
F03B 13/14 (2006.01)
F03B 13/00 (2006.01)
F03B 13/22 (2006.01)
F03D 5/00 (2006.01)
F03D 9/00 (2016.01)
H02K 7/18 (2006.01)
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 (72) Sheldon-Coulson, Garth Alexander; Moffat, Brian Lee
 (74) Pearce IP Pty Ltd

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G11B 27/031 (2006.01)
G01S 3/786 (2006.01)
G06T 7/20 (2017.01)
G11B 27/10 (2006.01)
H04N 5/222 (2006.01)
H04N 5/272 (2006.01)
H04N 5/33 (2023.01)
- (43) 16.05.2024
(62) 2018351525
(72) ESTEBECORENA, Leandro; KNOLL, John; GRABLI, Stephane; KARAFELT, Per; HELLMAN, Pablo; LEVIN, John M.
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) Macfarlane Burnet Institute for Medical Research and Public Health Limited
(11) AU-A-2024202737
(21) 2024202737 (22) 26.04.2024
(54) Therapeutic method
(51) Int. Cl.
A61K 31/19 (2006.01)
A61P 29/00 (2006.01)
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(54) Multi-layer diffractive eyepiece
(51) Int. Cl.
G02B 27/01 (2006.01)
G06F 3/01 (2006.01)
G06T 19/00 (2011.01)
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B60C 19/12 (2006.01)
B22F 1/10 (2022.01)
G01N 1/28 (2006.01)
- (43) 16.05.2024
(72) Mallouhi, Edward
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(21) 2023254948 (22) 25.10.2023
(54) BINDING MACHINE
(51) Int. Cl.
B65B 13/10 (2006.01)
B65B 13/08 (2006.01)
B65B 13/28 (2006.01)
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E04G 21/12 (2006.01)
B65B 13/28 (2006.01)
B65B 27/10 (2006.01)
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(54) IL-7Ravc binding compounds
(51) Int. Cl.
C07K 14/54 (2006.01)
A61K 38/00 (2006.01)
A61P 37/02 (2006.01)
C07K 7/06 (2006.01)
C07K 7/08 (2006.01)
C07K 14/55 (2006.01)
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(62) 2021217353
(72) DOWER, William J.; NEEDELS, Michael C.; BARRETT, Ronald W.; BAKER, Alice V.; CWIRLA, Steven E.
(74) Minter Ellison
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(11) AU-A-2024202645
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(54) DEUTERATED NUCLEOSIDE COMPOUNDS AND USE THEREOF
(51) Int. Cl.
C07D 487/04 (2006.01)
A61K 31/53 (2006.01)
A61P 31/14 (2006.01)
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(62) 2023272140
(72) Li, Peng; Li, Xiaolin; Yang, Yaxun; Luo, Zhi; He, Haiying; Chen, Shuhui
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71) Medshine Discovery Inc.
(11) AU-A-2024202646
(21) 2024202646 (22) 23.04.2024
(54) DEUTERATED NUCLEOSIDE COMPOUNDS AND USE THEREOF
(51) Int. Cl.
C07D 487/04 (2006.01)
A61K 31/53 (2006.01)
A61P 31/14 (2006.01)
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(72) Li, Peng; Li, Xiaolin; Yang, Yaxun; Luo, Zhi; He, Haiying; Chen, Shuhui
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- (71) Mestek Machinery, Inc.
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(54) Protection System for Laser Cutting Machine
(51) Int. Cl.
B23K 26/18 (2006.01)
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(62) 2022201285
(72) Timmerman, Bruan; Umberger, Cody
(74) AJ Pietras IP Limited
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- (71) Metso Sweden AB
(11) AU-A-2024202719
(21) 2024202719 (22) 26.04.2024
(54) DETECTION SYSTEM
(51) Int. Cl.
B07C 5/36 (2006.01)
B07B 1/42 (2006.01)
B07C 5/34 (2006.01)
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(62) 2022202144
(72) LARSSON, Claes
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
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(11) AU-A-2024202800
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(54) Reducing losses in superconducting cables
(51) Int. Cl.
H10N 60/20 (2023.01)
H10N 60/10 (2023.01)
H10N 60/80 (2023.01)
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(62) 2019265449
(72) SMITH, Burton J.; TUCKERMAN, David B.
(74) Davies Collison Cave Pty Ltd
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(54) Microfluidic Arrangement For Capillary Driven Fluidic Connection
(51) Int. Cl.
B01L 3/00 (2006.01)
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(72) DE GREVE, Klaas; WHYTE, Murray J; SPRINGER, Matthew; DAVIES, Oliver
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(21) 2022259704 (22) 24.10.2022
(54) Fusion Yeast Spread
(51) Int. Cl.
A23L 27/24 (2016.01)
A23L 31/10 (2016.01)
C12R 1/66 (2006.01)
C12R 1/69 (2006.01)
- (43) 16.05.2024
(72) min, byung woo
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 (11) AU-A-2023203381
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 (54) Hand tool and method for manufacturing the same
 (51) Int. Cl.
B25B 13/02 (2006.01)
 (31) 111141840 (32) 02.11.22 (33) TW
 (43) 16.05.2024
 (72) CHEN, Tzu-Chun; CHEN, Yung-Shun
 (74) A.P.T. Patent and Trade Mark Attorneys

(71) Mitokinin, Inc.
 (11) AU-A-2024202745
 (21) 2024202745 (22) 26.04.2024
 (54) Compositions and methods using the same for treatment of neurodegenerative and mitochondrial disease
 (51) Int. Cl.
A01N 43/90 (2006.01)
C07D 291/00 (2006.01)
C07D 473/00 (2006.01)
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 (62) 2018290225
 (72) DE ROULET, Daniel; DEVITA, Robert
 (74) FB Rice Pty Ltd

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(71) Nautilus Subsidiary, Inc.
 (11) AU-A-2024202653
 (21) 2024202653 (22) 23.04.2024
 (54) Decoding approaches for protein identification
 (51) Int. Cl.
A61K 38/00 (2006.01)
G01N 33/48 (2006.01)
G01N 33/50 (2006.01)
G01N 33/68 (2006.01)
 (43) 16.05.2024
 (62) 2018395430
 (72) PATEL, Sujal M.; MALLICK, Parag; EGERTSON, Jarrett D.
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Nautilus Subsidiary, Inc.
 (11) AU-A-2024202780
 (21) 2024202780 (22) 29.04.2024
 (54) Methods and systems for protein identification
 (51) Int. Cl.
C40B 30/04 (2006.01)
G01N 33/48 (2006.01)
G01N 33/53 (2006.01)
G01N 33/68 (2006.01)
 (43) 16.05.2024
 (62) 2018353967
 (72) PATEL, Sujal M.; MALLICK, Parag
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) NEOGAP Therapeutics AB
 (11) AU-A-2024202635
 (21) 2024202635 (22) 23.04.2024
 (54) Multiple sclerosis associated autoantigens, and use thereof in therapy and diagnosis
 (51) Int. Cl.
A61K 39/00 (2006.01)
A61P 25/28 (2006.01)
C07K 14/46 (2006.01)
 (43) 16.05.2024
 (62) 2018245014
 (72) GRÖNLUND, Hans; BRONGE, Mattias
 (74) Spruson & Ferguson

(71) Nextracker LLC
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 (21) 2024202805 (22) 30.04.2024
 (54) Methods and Systems for Detecting Shading for Solar Trackers
 (51) Int. Cl.
H02S 20/32 (2014.01)
G06N 20/00 (2019.01)
H01L 31/05 (2014.01)
H02M 3/00 (2006.01)
H02S 40/34 (2014.01)
H02S 40/36 (2014.01)
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 (62) 2022201454
 (72) Liu, Yang; Li, Chen
 (74) Clark Intellectual Property Pty Ltd

(71) Nicoventures Trading Limited
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 (21) 2024202763 (22) 29.04.2024
 (54) Aerosol provision device and method
 (51) Int. Cl.
H02J 7/00 (2006.01)
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 (72) HOWARD, Matthew; POYNTON, Simon; VINTOLA, Tomi
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 (11) AU-A-2023251400
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 (54) WATER-PERMEABLE-RETENTIVE PAVEMENT STRUCTURE AND METHOD OF CONSTRUCTING THE STRUCTURE
 (51) Int. Cl.
E01C 3/06 (2006.01)
E01C 7/08 (2006.01)
 (31) 2022-175487 (32) 01.11.22 (33) JP
 (43) 16.05.2024
 (72) HARA, Yutaka
 (74) Baxter Patent Attorneys Pty Ltd

(71) NINGBO SUNFREE MOTOR TECHNOLOGY COMPANY LIMITED
 (11) AU-A-2023258356
 (21) 2023258356 (22) 31.10.2023
 (54) DOUBLE-LAYER DAY-NIGHT CURTAIN SYSTEM AND CONTROL METHOD THEREOF

(51) Int. Cl.
E06B 9/262 (2006.01)
E06B 9/38 (2006.01)
 (31) 202211360236.7 (32) 02.11.22 (33) CN
 (43) 16.05.2024
 (72) Chun JIANG
 (74) Michael Buck IP

(71) NIPPON SUISAN KAISHA, LTD.
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 (21) 2024202704 (22) 24.04.2024
 (54) Dihomo-gamma-linolenic acid-containing microbial oil and dihomogamma-linolenic acid-containing microbial biomass
 (51) Int. Cl.
A61K 8/99 (2017.01)
A61K 31/202 (2006.01)
C11B 1/02 (2006.01)
C11B 3/02 (2006.01)
C11B 3/12 (2006.01)
C11C 1/00 (2006.01)
C11C 3/00 (2006.01)
C12P 7/64 (2022.01)
 (43) 16.05.2024
 (62) 2020270489
 (72) SATO, Seizo; FUKAE, Takuro; OHT-SUKA, Naomi; YAMAGUCHI, Hideaki; IKEDA, Rie
 (74) Griffith Hack

(71) NKT Cables GmbH
 (11) AU-A-2023254893
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 (54) Cable connector
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H01R 13/20 (2006.01)
H01R 4/38 (2006.01)
H01R 9/11 (2006.01)
H01R 13/04 (2006.01)
H01R 13/10 (2006.01)
H01R 24/20 (2011.01)
H01R 24/28 (2011.01)
H01R 24/38 (2011.01)
H01R 27/02 (2006.01)

(31) 22204710.2 (32) 31.10.22 (33) EP
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 (72) MEYER, Stephan; SCHRÖDER, Stefan; SPIERS, Björn
 (74) Griffith Hack

(71) Nucleus AS
 (11) AU-A-2024202636
 (21) 2024202636 (22) 23.04.2024
 (54) SAFETY ELECTRICAL OUTLET
 (51) Int. Cl.
H01R 13/453 (2006.01)
B60L 53/16 (2019.01)
H01R 24/78 (2011.01)
H01R 13/639 (2006.01)

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 (72) JOHANSSON, Roland; LILJEGREN, Mikael; LENNARTSSON, Fredrik; ARVE, Sætran
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 (21) 2023254876 (22) 23.10.2023
 (54) AN EAR BUD
 (51) Int. Cl.
H04R 1/10 (2006.01)
H04R 1/28 (2006.01)
H04R 25/00 (2006.01)
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 (72) ÖSTLIN, Erik; BRODIE, Aaron; DAVIS, Alan
 (74) Integrated IP

(71) Ohio State Innovation Foundation; Nationwide Children's Hospital, Inc.
 (11) AU-A-2024202726
 (21) 2024202726 (22) 26.04.2024
 (54) Intrathecal Delivery Of Recombinant Adeno-Associated Virus 9
 (51) Int. Cl.
A61K 48/00 (2006.01)
C12N 15/864 (2006.01)
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 (74) WRAYS PTY LTD

(71) Opal Packaging Australia Pty Ltd
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 (54) A carton, a blank for a carton and a method of forming the blank
 (51) Int. Cl.
B65D 83/08 (2006.01)
B65D 5/54 (2006.01)
B65D 5/02 (2006.01)
 (31) 2022903179 (32) 27.10.22 (33) AU
 (43) 16.05.2024
 (72) FALZON, Len
 (74) Griffith Hack

(71) Paris, M.D.
 (11) AU-A-2023203144
 (21) 2023203144 (22) 18.05.2023
 (54) magnetic pole shifting permanent magnet
 (51) Int. Cl.
H01F 7/02 (2006.01)
H01F 5/04 (2006.01)
 (31) 2022903109 (32) 20.10.22 (33) AU
 (43) 16.05.2024
 (72) Paris, Marc Damon
 (74) Marc Damon Paris

(71) PayPal, Inc.
 (11) AU-A-2024202696
 (21) 2024202696 (22) 24.04.2024
 (54) Fast compiling source code without dependencies
 (51) Int. Cl.
G06F 8/41 (2018.01)

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 (62) 2021297161
 (72) HOFFMAN, Abraham Richard
 (74) FPA Patent Attorneys Pty Ltd

(71) Pelzer, F.
 (11) AU-A-2024202716
 (21) 2024202716 (22) 26.04.2024
 (54) Method and system for live determining of a sports device
 (51) Int. Cl.
A63F 13/65 (2014.01)
A63F 13/426 (2014.01)
A63F 13/5372 (2014.01)

(43) 16.05.2024
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 (72) Pelzer, Frank
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 (21) 2024201216 (22) 23.02.2024
 (54) Anti-EDB antibodies and antibody-drug conjugates
 (51) Int. Cl.
C07K 16/32 (2006.01)
A61K 47/68 (2017.01)
A61P 35/00 (2006.01)

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 (62) 2020260375
 (72) Hooper, Andrea Therese; Marquette, Kimberly Ann; Subramanyam, Chakrapani; Gerber, Hans-Peter; May, Chad Michael
 (74) ALLENS PATENT & TRADE MARK ATTORNEYS

(71) Pfizer Inc.
 (11) AU-A-2024201996
 (21) 2024201996 (22) 27.03.2024
 (54) Immunogenic compositions comprising conjugated capsular saccharide antigens and uses thereof
 (51) Int. Cl.
A61K 39/09 (2006.01)
A61K 39/00 (2006.01)
A61K 39/385 (2006.01)

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 (72) Emini, Emilio Anthony; Gu, Jianxin; Han, Mingming; Jansen, Kathrin Ute; Kainthan, Rajesh Kumar; Kim, Jin-Hwan; Prasad, Avvari Krishna; Pride, Michael William; Cooper, David; Watson, Wendy Jo; Yang, Yu-Ying
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 (54) DEVICES AND METHODS FOR BIOLOGICAL ASSAY SAMPLE PREPARATION AND DELIVERY
 (51) Int. Cl.
G01N 1/28 (2006.01)

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 (72) Myers III, Frank B.; Ho, Wei Hsuan; Waldeisen, John Robert; Dimov, Ivan Krastev; Griswold, Ryan C.; Richardson, Bruce; Mitra, Debkishore
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) PharmaFluidics NV
 (11) AU-A-2024202739
 (21) 2024202739 (22) 26.04.2024
 (54) Lateral detection of fluid properties
 (51) Int. Cl.
G01N 21/05 (2006.01)
 (43) 16.05.2024
 (62) 2018259109
 (72) JACOBS, Paul; DE MALSCHE, Wim
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A61K 39/395 (2006.01)
A61K 31/17 (2006.01)
A61K 31/495 (2006.01)
A61K 38/19 (2006.01)
A61P 35/00 (2006.01)
C07K 14/525 (2006.01)
C07K 16/18 (2006.01)
 (43) 16.05.2024
 (62) 2021276573
 (72) HEMMERLE, Theresa
 (74) James & Wells Intellectual Property

(71) Pindrop Security, Inc.
 (11) AU-A-2024202783
 (21) 2024202783 (22) 29.04.2024
 (54) ROBUST SPOOFING DETECTION SYSTEM USING DEEP RESIDUAL NEURAL NETWORKS
 (51) Int. Cl.
G10L 15/06 (2013.01)
G10L 15/16 (2006.01)
 (43) 16.05.2024
 (62) 2021212621
 (72) CHEN, Tianxiang; KHOURY, Elie
 (74) RnB IP Pty Ltd

(71) PIXOVR, Corp.
 (11) AU-A-2024202690
 (21) 2024202690 (22) 24.04.2024
 (54) METHODS AND SYSTEMS CONFIGURED FOR DISTRIBUTION OF VR/MR/AR/XR CONTENT TO END USER DEVICES VIA LOGICAL RELATIONSHIPS AND RELATED MANAGEMENT OF END USER DEVICES
 (51) Int. Cl.
H04L 65/40 (2022.01)
G06T 19/00 (2011.01)
G11B 27/036 (2006.01)
H04N 13/00 (2018.01)

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(71) Protechna S.A.
 (11) AU-A-2024202637
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 (54) TAPPING ARMATURE FOR LIQUID
 CONTAINERS
 (51) Int. Cl.
F16K 1/20 (2006.01)
F16K 1/36 (2006.01)
 (43) 16.05.2024
 (62) 2022201256
 (72) Klein, Thilo
 (74) Pizeys Patent and Trade Mark Attor-
 neys Pty Ltd

(71) PYLON TECHNOLOGIES CO., LTD.
 (11) AU-A-2023233178
 (21) 2023233178 (22) 01.02.2023
 (54) Method and Device for Master-Slave
 Cooperative Capacity Expansion of Mo-
 bile Battery
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H02J 7/00 (2006.01)
 (31) 202211351174.3 (32) 31.10.22 (33) CN
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 (72) ZHANG, Zuozhou; LI, Fanjun; SHI, Lu;
 YIN, Zhibin
 (74) GLMR

(71) PyroGenesis Canada Inc.
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 (21) 2024202767 (22) 29.04.2024
 (54) METHOD FOR COST-EFFECT-
 IVE PRODUCTION OF ULTRAFINE
 SPHERICAL POWDERS AT LARGE
 SCALE USING THRUSTER-ASSISTED
 PLASMA ATOMIZATION
 (51) Int. Cl.
B22F 9/14 (2006.01)
 (43) 16.05.2024
 (62) 2018303387
 (72) DORVAL DION, Christopher Alex;
 PROULX, François
 (74) Franke Hyland Pty Ltd

(71) QINGDAO UNIVERSITY OF TECHNO-
 LOGY
 (11) AU-A-2022446295
 (21) 2022446295 (22) 04.11.2022
 (54) METHOD OF ULTRAFAST LASER MI-
 CRO-HOLE DRILLING USING IN-SITU
 HOLE MODIFICATION
 (51) Int. Cl.
B23K 23/00 (2006.01)
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 WANG, Qian; WANG, Jin; WANG,
 Pingping; PANG, Yong; WANG, Yadi;
 SHAO, Jing; ZHANG, Jian
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 (54) Rail transport dump loop system for
 conveying bulk materials
 (51) Int. Cl.
E01B 25/00 (2006.01)
B61B 3/00 (2006.01)
B61B 5/02 (2006.01)
E01B 25/22 (2006.01)
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 (62) 2022201996
 (72) Fisk, James Everett; Fantin, Patrick
 Walter Joseph; McCall, William John;
 Niemeyer, David Wilhelm; Reay, Curtis
 Ron; Zanetti, Eric Benjamin Alexander;
 Hellberg, Esko Johannes
 (74) Davies Collison Cave Pty Ltd

(71) Regeneron Pharmaceuticals Inc.
 (11) AU-A-2024202813
 (21) 2024202813 (22) 30.04.2024
 (54) Methods and systems for CRISPR se-
 lection
 (51) Int. Cl.
G16B 35/20 (2019.01)
C12N 15/09 (2006.01)
 (43) 16.05.2024
 (62) 2020241863
 (72) FURY, Wen; BAI, Yu
 (74) Davies Collison Cave Pty Ltd

(71) Romeo Solutions Pty Ltd
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 (54) Bearing Heat Sensor
 (51) Int. Cl.
B60B 27/00 (2006.01)
F16C 19/52 (2006.01)
G01K 13/08 (2006.01)
G01M 13/04 (2019.01)
H02J 50/00 (2016.01)
B61K 9/04 (2006.01)
F16C 41/00 (2006.01)
G01K 7/00 (2006.01)
 (31) 2022903165 (32) 26.10.22 (33) AU
 (43) 16.05.2024
 (72) Romeo, Domenic
 (74) Armour IP

(71) RRC Power & Energy, LLC
 (11) AU-A-2024202789
 (21) 2024202789 (22) 30.04.2024
 (54) POST-TENSION TUBE FOUNDATION
 AND METHOD OF ASSEMBLING
 SAME
 (51) Int. Cl.
E02D 5/58 (2006.01)
E02D 7/00 (2006.01)
E02D 27/12 (2006.01)
E02D 27/42 (2006.01)
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 (74) DAVIS IP PTY LTD

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 Wheelie bins blowing over.
 (51) Int. Cl.
B65F 1/14 (2006.01)
B65F 1/16 (2006.01)
B62B 1/26 (2006.01)
 (43) 16.05.2024
 (72) Ruscigno, Simon
 (74) Simon Sam Ruscigno

(71) RxSafe LLC
 (11) AU-A-2024202766
 (21) 2024202766 (22) 29.04.2024
 (54) Universal feed mechanism for automat-
 ic packager
 (51) Int. Cl.
A61J 7/00 (2006.01)
B65B 1/00 (2006.01)
B65B 1/10 (2006.01)
G07F 17/00 (2006.01)
 (43) 16.05.2024
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 (72) HOLMES, William K.
 (74) Griffith Hack

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 and Plant Group
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 (21) 2023255043 (22) 27.10.2023
 (54) Truck body mounting apparatus
 (51) Int. Cl.
B62D 33/077 (2006.01)
B62D 21/09 (2006.01)
B62D 27/00 (2006.01)
B62D 24/00 (2006.01)
B62D 25/20 (2006.01)
B62D 33/02 (2006.01)
 (31) 2022903251 (32) 01.11.22 (33) AU
 (43) 16.05.2024
 (72) RYDE, Alan
 (74) Patenteur Pty Ltd

(71) Sage Therapeutics, Inc.
 (11) AU-A-2024202773
 (21) 2024202773 (22) 29.04.2024
 (54) Oxysterols and methods of use thereof
 (51) Int. Cl.
C07J 9/00 (2006.01)
A61K 31/575 (2006.01)
A61P 25/28 (2006.01)
 (43) 16.05.2024
 (62) 2022200810
 (72) SALITURO, Francesco G.;
 ROBICHAUD, Albert J.; MARTINEZ
 BOTELLA, Gabriel; HARRISON, Boyd
 L.; GRIFFIN, Andrew; LA, Daniel
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 (21) 2024202774 (22) 29.04.2024
 (54) Oxysterols and methods of use thereof
 (51) Int. Cl.
C07J 9/00 (2006.01)

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A61P 25/28 (2006.01)
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(11) AU-A-2023203688
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(54) STREAM-BASED TRANSACTION PROCESSING
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G06F 9/46 (2006.01)
G06F 9/38 (2018.01)
G06F 16/00 (2019.01)
(31) 18/051,404 **(32)** 31.10.22 **(33)** US
(43) 16.05.2024
(72) MAY, Norman; BANG, Tiemo; BINNING, Carsten
(74) Griffith Hack
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(54) FAN SPEED CONTROLLER
(51) Int. Cl.
F24F 11/88 (2018.01)
F24F 11/74 (2018.01)
(31) 202241061539 **(32)** 28.10.22 **(33)** IN
(43) 16.05.2024
(72) Vinay Kumar H; Rohit Ballurgi
(74) Madderns Pty Ltd
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(11) AU-A-2024202727
(21) 2024202727 **(22)** 26.04.2024
(54) CENTRALIZED MANAGEMENT OF A SOFTWARE DEFINED AUTOMATION SYSTEM
(51) Int. Cl.
G06F 9/50 (2006.01)
G05B 19/418 (2006.01)
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(62) 2022203956
(72) Chauvet, Antonio; Wilhelm, Philippe; Harriman, Merrill; Alfano, Eric; Mehmedagic, Alen; Kling, Andrew Lee David; Doggett, David; Vallala, Vijay
(74) Madderns Pty Ltd
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(21) 2024202681 **(22)** 24.04.2024
(54) IL-13 receptor alpha 2 (IL13Ra2) chimeric antigen receptor for tumor specific T cell immunotherapy
(51) Int. Cl.
C07K 14/54 (2006.01)
C07K 14/705 (2006.01)
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(62) 2019234580
(72) TAMPELLA, Giacomo; JENSEN, Michael C.; JOHNSON, Adam
(74) Davies Collison Cave Pty Ltd
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(11) AU-A-2023254902
(21) 2023254902 **(22)** 24.10.2023
(54) Pepper hybrid SVPS7935 and parents thereof
(51) Int. Cl.
A01H 6/82 (2018.01)
A01H 1/04 (2006.01)
A01H 5/08 (2018.01)
(31) 17/977,177 **(32)** 31.10.22 **(33)** US
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(72) Just, Brian J.
(74) Davies Collison Cave Pty Ltd
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(21) 2022279394 **(22)** 29.11.2022
(54) PHOTOVOLTAIC MODULE AND MANUFACTURING METHOD THEREOF
(51) Int. Cl.
B23K 26/24 (2014.01)
B23K 26/03 (2006.01)
H01L 21/60 (2006.01)
H01L 31/042 (2014.01)
(31) 202211320245.3 **(32)** 26.10.22 **(33)** CN
(43) 16.05.2024
(72) GUO, Zhiqiu; HU, Yidong; YAO, Yichao
(74) Franke Hyland Pty Ltd
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(11) AU-A-2023200621
(21) 2023200621 **(22)** 07.02.2023
(54) User equipment (UE)
(51) Int. Cl.
H04W 8/02 (2009.01)
H04W 4/90 (2018.01)
H04W 36/14 (2009.01)
H04W 36/36 (2009.01)
H04W 48/02 (2009.01)
H04W 48/18 (2009.01)
H04W 60/00 (2009.01)
H04W 60/06 (2009.01)
H04W 76/50 (2018.01)
H04W 84/06 (2009.01)
H04W 88/02 (2009.01)
(31) 2022-176283 **(32)** 02.11.22 **(33)** JP
(43) 16.05.2024
(72) Sugawara, Yasuo; Chiba, Shuichiro; Izumi, Masaki
(74) Davies Collison Cave Pty Ltd
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(11) AU-A-2023200801
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(54) Terminal apparatus, method, and integrated circuit
(51) Int. Cl.
H04W 40/02 (2009.01)
H04W 24/02 (2009.01)
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H04W 72/25 (2023.01)
(31) 2022-175772 **(32)** 01.11.22 **(33)** JP
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(72) KAWANO, Takuma; YAMADA, Shohei; TSUBOI, Hidekazu; INOUE, Kyosuke; MIYAKE, Taichi
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- (71)** Sharp Kabushiki Kaisha
(11) AU-A-2023200802
(21) 2023200802 **(22)** 14.02.2023
(54) Terminal apparatus, method, and integrated circuit
(51) Int. Cl.
H04W 88/04 (2009.01)
(31) 2022-175771 **(32)** 01.11.22 **(33)** JP
(43) 16.05.2024
(72) KAWANO, Takuma; YAMADA, Shohei; TSUBOI, Hidekazu; INOUE, Kyosuke; MIYAKE, Taichi
(74) Davies Collison Cave Pty Ltd
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- (71)** Sharp Kabushiki Kaisha
(11) AU-A-2023201325
(21) 2023201325 **(22)** 03.03.2023
(54) Terminal apparatus, method, and integrated circuit
(51) Int. Cl.
H04W 24/10 (2009.01)
H04W 92/18 (2009.01)
(31) 2022-175775 **(32)** 01.11.22 **(33)** JP
(43) 16.05.2024
(72) KAWANO, Takuma; YAMADA, Shohei; TSUBOI, Hidekazu; INOUE, Kyosuke; MIYAKE, Taichi
(74) Davies Collison Cave Pty Ltd
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- (71)** Sharp Kabushiki Kaisha
(11) AU-A-2023201328
(21) 2023201328 **(22)** 03.03.2023
(54) Terminal apparatus and method
(51) Int. Cl.
H04W 88/04 (2009.01)
H04W 72/25 (2023.01)
(31) 2022-175774 **(32)** 01.11.22 **(33)** JP
(43) 16.05.2024
(72) KAWANO, Takuma; YAMADA, Shohei; TSUBOI, Hidekazu; INOUE, Kyosuke; MIYAKE, Taichi
(74) Davies Collison Cave Pty Ltd
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- (71)** Sharp Kabushiki Kaisha
(11) AU-A-2023201329
(21) 2023201329 **(22)** 03.03.2023
(54) Terminal apparatus and method
(51) Int. Cl.
H04W 56/00 (2009.01)
H04B 17/318 (2015.01)
(31) 2022-175773 **(32)** 01.11.22 **(33)** JP
(43) 16.05.2024
(72) KAWANO, Takuma; YAMADA, Shohei; TSUBOI, Hidekazu; INOUE, Kyosuke; MIYAKE, Taichi
(74) Davies Collison Cave Pty Ltd
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 (11) AU-A-2023202624
 (21) 2023202624 (22) 28.04.2023
 (54) Garbage Bin
 (51) Int. Cl.
E04H 4/16 (2006.01)
B01D 29/03 (2006.01)
B01D 35/30 (2006.01)
E04H 4/12 (2006.01)
 (31) 202222870931X (32) 28.10.22 (33) CN
 (43) 16.05.2024
 (72) Wang, Yang; Yu, Xueliang; Yan, Wenkai
 (74) Collison & Co

(71) Shenzhen Ulike Smart Electronics Co., Ltd
 (11) AU-A-2024202820
 (21) 2024202820 (22) 30.04.2024
 (54) Depilator
 (51) Int. Cl.
A61B 18/18 (2006.01)
A61F 7/00 (2006.01)
 (43) 16.05.2024
 (62) 2020453924
 (72) PAN, Yuping; LI, Xiang
 (74) A.P.T. Patent and Trade Mark Attorneys

(71) Sidloski, R.
 (11) AU-A-2024202786
 (21) 2024202786 (22) 29.04.2024
 (54) PLANT NURSERY AND STORAGE SYSTEM FOR USE IN THE GROWTH OF FIELD-READY PLANTS
 (51) Int. Cl.
A01G 13/00 (2006.01)
 (43) 16.05.2024
 (62) 2018373502
 (72) SIDLOSKI, Rodney
 (74) SOUTHERN CROSS INTELLECTUAL PROPERTY PTY LTD

(71) Sigilon Therapeutics, Inc.
 (11) AU-A-2024202713
 (21) 2024202713 (22) 26.04.2024
 (54) Compounds, devices, and uses thereof
 (51) Int. Cl.
C07D 401/14 (2006.01)
A61K 31/4192 (2006.01)
A61P 37/00 (2006.01)
C07D 249/04 (2006.01)
C07D 249/06 (2006.01)
C07D 401/04 (2006.01)
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C07D 401/12 (2006.01)
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C07D 405/06 (2006.01)
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C07D 409/06 (2006.01)
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C07D 417/06 (2006.01)
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C07D 471/04 (2006.01)
C07D 487/04 (2006.01)

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 (72) VEISEH, Omid; HEIDEBRECHT, Richard; WOTTON, Paul Kevin; OBERLI, Matthias; MILLER, Robert James
 (74) Pearce IP Pty Ltd

(71) Simmons, D.
 (11) AU-A-2023251454
 (21) 2023251454 (22) 18.10.2023
 (54) App that can search and verify if a serial number is listed as stolen
 (51) Int. Cl.
G06Q 30/018 (2023.01)
G06Q 30/0601 (2023.01)
G06F 16/953 (2019.01)
G06Q 40/08 (2012.01)
G06Q 50/26 (2012.01)
 (31) 2022903089 (32) 20.10.22 (33) AU
 (43) 16.05.2024
 (72) Simmons, David
 (74) David Arthur Simmons

(71) Snap-on Incorporated
 (11) AU-A-2024202718
 (21) 2024202718 (22) 26.04.2024
 (54) Pneumatic tool exhaust muffler
 (51) Int. Cl.
B25F 5/00 (2006.01)
B23B 47/00 (2006.01)
B25D 17/12 (2006.01)
 (43) 16.05.2024
 (62) 2022201571
 (72) KUTER-ARNEBECK, Ottoleo
 (74) Griffith Hack

(71) Société des Produits Nestlé S.A.
 (11) AU-A-2024202793
 (21) 2024202793 (22) 30.04.2024
 (54) Beverage preparation machine with capsule recognition
 (51) Int. Cl.
A47J 31/44 (2006.01)
 (43) 16.05.2024
 (62) 2018408335
 (72) SACHE, Laurent; OGGENFUSS, Christian
 (74) Spruson & Ferguson

(71) Spin Master, Inc.
 (11) AU-A-2024202650
 (21) 2024202650 (22) 23.04.2024
 (54) INFANT FLOAT
 (51) Int. Cl.
B63C 9/30 (2006.01)
A47C 15/00 (2006.01)
B63C 9/08 (2006.01)
 (43) 16.05.2024
 (62) 2018201682
 (72) Arias, David A.; Clemens, Timothy James; Bannon, Theresa M.; Roney, Laurel A.; Crowe, David J.
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Spraying Systems Co.
 (11) AU-A-2024202641
 (21) 2024202641 (22) 23.04.2024
 (54) Apparatus and method for spray drying
 (51) Int. Cl.
A23C 1/04 (2006.01)
B01D 1/18 (2006.01)
F26B 3/12 (2006.01)
F26B 25/06 (2006.01)
F26B 25/08 (2006.01)
F26B 25/10 (2006.01)
F26B 25/12 (2006.01)
F26B 25/14 (2006.01)
F26B 25/16 (2006.01)
 (43) 16.05.2024
 (62) 2021200708
 (72) ACKERMAN, Thomas E.; BARNES, Christopher W.; BRIGHT, Adam; HUFFMAN, David C.; KOCSIS, Scott J.; ROSKOS, Kristopher E.; ST. PETER, Glenn R.; SMITH, Brian K.; SZCZAP, Joseph P.; THENIN, Michel R.
 (74) Spruson & Ferguson

(71) Spry, P.
 (11) AU-A-2023257419
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 (54) Adjustable Member
 (51) Int. Cl.
E02D 17/08 (2006.01)
E21D 15/16 (2006.01)
 (31) 2022903228 (32) 31.10.22 (33) AU
 (43) 16.05.2024
 (72) Peter Spry
 (74) Caska Intellectual Property Pty Ltd

(71) Stapleton, A.
 (11) AU-A-2023255042
 (21) 2023255042 (22) 27.10.2023
 (54) A METHOD, IMPLEMENTED IN COMPUTERS, FOR THE MANAGEMENT OF LEGAL COSTS ASSESSMENTS
 (51) Int. Cl.
G06Q 30/04 (2012.01)
G06Q 40/12 (2023.01)
G06Q 50/18 (2012.01)
 (31) 2022903211 (32) 28.10.22 (33) AU
 (43) 16.05.2024
 (72) Stapleton, Alan
 (74) STAPLETON SOLICITORS PTY LTD

(71) Stats LLC
 (11) AU-A-2024202817
 (21) 2024202817 (22) 30.04.2024
 (54) Machine Learning For Recognizing And Interpreting Embedded Information Card Content
 (51) Int. Cl.
H04N 21/435 (2011.01)
G06N 20/00 (2019.01)
H04N 21/478 (2011.01)
H04N 21/8549 (2011.01)
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 (62) 2019268359
 (72) STOJANCIC, Mihailo; PACKARD, Warren
 (74) FB Rice Pty Ltd

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 (11) AU-A-2023251453
 (21) 2023251453 (22) 18.10.2023
 (54) A milling blank for a dental product
 (51) Int. Cl.
A61C 13/00 (2006.01)
B23C 3/00 (2006.01)
 (31) U20224111 (32) 31.10.22 (33) FI
 (43) 16.05.2024
 (72) LASSILA, Lippo; GAROUSHI, Sufyan;
 VALLITTU, Pekka; SÄILYNOJA, Eija;
 KOSKI, Timo
 (74) Collison & Co
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- (71) Stryker European Operations Limited
 (11) AU-A-2024202776
 (21) 2024202776 (22) 29.04.2024
 (54) Electrosurgical Device with Illumination
 and Smoke Evacuation Features
 (51) Int. Cl.
A61B 18/14 (2006.01)
A61B 18/00 (2006.01)
 (43) 16.05.2024
 (62) 2020382009
 (72) FREY, Laura Constance; AN TUILE,
 Conor Mac; MCFARLAND, Scott;
 SHERIDAN, Paul; BURKE, Micheal
 (74) Davies Collison Cave Pty Ltd
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- (71) Suburban Insights Pty Ltd
 (11) AU-A-2023241349
 (21) 2023241349 (22) 05.10.2023
 (54) GEOGRAPHIC INFORMATION SYS-
 TEM AND METHOD
 (51) Int. Cl.
G06Q 30/0204 (2023.01)
G06F 16/29 (2019.01)
G06F 16/909 (2019.01)
G06Q 30/0601 (2023.01)
G06Q 50/16 (2012.01)
 (31) 2022903189 (32) 27.10.22 (33) AU
 (43) 16.05.2024
 (72) Kamphuis, Ingrid
 (74) KINGS PATENT & TRADE MARKS AT-
 TORNEYS PTY LTD
-
- (71) Syqe Medical Ltd.
 (11) AU-A-2024202785
 (21) 2024202785 (22) 29.04.2024
 (54) METHOD AND DEVICE FOR VAPOR-
 IZATION AND INHALATION OF ISOL-
 ATED SUBSTANCES
 (51) Int. Cl.
A24F 47/00 (2020.01)
A61M 11/04 (2006.01)
A61M 15/00 (2006.01)
A61M 16/20 (2006.01)
A61J 1/03 (2023.01)
 (43) 16.05.2024
 (62) 2021204365
 (72) DAVIDSON, Perry; SCHORR, Aaron;
 KROLL, Asaf; SCHWARTZ, Binyamin
 (74) Golja Haines & Friend
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- (71) Takeda Pharmaceutical Company Lim-
 ited
 (11) AU-A-2024202619
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 (54) Plasma kallikrein inhibitors and uses
 thereof for treating hereditary an-
 gioedema attack
 (51) Int. Cl.
C07K 16/40 (2006.01)
A61K 39/00 (2006.01)
A61K 39/395 (2006.01)
 (43) 16.05.2024
 (62) 2016366557
 (72) SCHRANZ, Jennifer; ADELMAN, Burt;
 CHYUNG, Yung
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- (71) Takeda Pharmaceutical Company Lim-
 ited
 (11) AU-A-2024202756
 (21) 2024202756 (22) 26.04.2024
 (54) TREATMENT OF CENTRAL
 NERVOUS SYSTEM DISORDERS BY
 INTRANASAL ADMINISTRATION OF
 IMMUNOGLOBULIN G
 (51) Int. Cl.
A61K 39/395 (2006.01)
A61K 9/00 (2006.01)
 (43) 16.05.2024
 (62) 2020264350
 (72) Frey, William H.; Hanson, Leah Ranae
 Bresin; Pokropinski, Sharon; Rausa III,
 Francisco M.
 (74) Pizzeyes Patent and Trade Mark Attor-
 neys Pty Ltd
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- (71) Teague, P.
 (11) AU-A-2024202775
 (21) 2024202775 (22) 29.04.2024
 (54) Method for using voxelated x-ray data
 to adaptively modify ultrasound inver-
 sion model geometry during cement
 evaluation
 (51) Int. Cl.
G01V 1/50 (2006.01)
E21B 47/00 (2012.01)
G01V 5/08 (2006.01)
G01V 5/14 (2006.01)
G01V 11/00 (2006.01)
 (43) 16.05.2024
 (62) 2022202020
 (72) Teague, Phillip
 (74) Davies Collison Cave Pty Ltd
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- (71) Techtronic Cordless GP
 (11) AU-A-2023254964
 (21) 2023254964 (22) 26.10.2023
 (54) Slotted storage system
 (51) Int. Cl.
B25H 3/02 (2006.01)
B25H 3/04 (2006.01)
B25H 3/06 (2006.01)
 (31) 63/419,795 (32) 27.10.22 (33) US
 (43) 16.05.2024
 (72) GROVES, Jeffrey; IRWIN, Connor;
 FELTON, William Michael; WACKER
 II, Charles M.; VAN WYK, Sage; PAR-
 SONS, John Derek
 (74) Spruson & Ferguson
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- (71) Techtronic Cordless GP
 (11) AU-A-2023254968
 (21) 2023254968 (22) 26.10.2023
 (54) One-handed blade change mechanism
 for a power tool
 (51) Int. Cl.
B23D 51/08 (2006.01)
 (31) 63/381,496 (32) 28.10.22 (33) US
 (43) 16.05.2024
 (72) MING, Qiang; ZHANG, Peng; LIU,
 Yang; SCOTT, Teo; SULLIVAN, Patrick;
 SCOTT, Zachary P.
 (74) Spruson & Ferguson
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- (71) Tencent America LLC
 (11) AU-A-2024202672
 (21) 2024202672 (22) 24.04.2024
 (54) METHOD AND APPARATUS FOR
 VIDEO CODING
 (51) Int. Cl.
H04N 19/103 (2014.01)
H04N 19/136 (2014.01)
H04N 19/139 (2014.01)
H04N 19/157 (2014.01)
H04N 19/159 (2014.01)
H04N 19/169 (2014.01)
H04N 19/44 (2014.01)
 (43) 16.05.2024
 (62) 2023200251
 (72) XU, Xiaozhong; CHOI, Byeongdo; LIU,
 Shan
 (74) Griffith Hack
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- (71) The Board of Trustees of the Leland
 Stanford Junior University
 (11) AU-A-2024202622
 (21) 2024202622 (22) 22.04.2024
 (54) Synthekine compositions and methods
 of use
 (51) Int. Cl.
A61K 38/00 (2006.01)
A61K 38/19 (2006.01)
C07K 14/52 (2006.01)
G01N 33/68 (2006.01)
 (43) 16.05.2024
 (62) 2018243536
 (72) GONZALEZ, Ignacio Moraga; GARCIA,
 Kenan Christopher
 (74) FB Rice Pty Ltd
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- (71) The Council of the Queensland Institute
 of Medical Research
 (11) AU-A-2024202644
 (21) 2024202644 (22) 23.04.2024
 (54) Immune-modulating compounds
 (51) Int. Cl.
C07K 19/00 (2006.01)
A61K 38/17 (2006.01)
A61P 31/00 (2006.01)
A61P 33/00 (2006.01)
A61P 35/00 (2006.01)
A61P 37/02 (2006.01)
A61P 37/04 (2006.01)
C12N 15/62 (2006.01)
 (43) 16.05.2024
 (62) 2016419048
 (72) Wykes, Michelle
 (74) Davies Collison Cave Pty Ltd

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 (11) AU-A-2023255019
 (21) 2023255019 (22) 27.10.2023
 (54) ELECTRO-MECHANICALLY LOCKING
 COMPRESSION LATCH
 (51) Int. Cl.
E05C 3/32 (2006.01)
E05B 81/08 (2014.01)
 (31) 63/420,316 (32) 28.10.22 (33) US
 (43) 16.05.2024
 (72) Schroll, Matthew
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) The NOCO Company
 (11) AU-A-2024202784
 (21) 2024202784 (22) 29.04.2024
 (54) Battery charging device for charging a
 deeply discharged battery, and battery
 charging system and method
 (51) Int. Cl.
H01M 10/44 (2006.01)
F02N 11/00 (2006.01)
H02J 7/00 (2006.01)
 (43) 16.05.2024
 (62) 2020362203
 (72) MCBRIDE, James P.; STANFIELD,
 James Richard; UNDERHILL, Derek
 Michael; NOOK, Jonathan Lewis
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(71) The Toro Company
 (11) AU-A-2024202651
 (21) 2024202651 (22) 23.04.2024
 (54) ROTARY MOWER WITH CUTTING
 DECK WITH BIDIRECTIONAL CUT-
 TING BLADES
 (51) Int. Cl.
A01D 34/66 (2006.01)
A01D 34/00 (2006.01)
A01D 34/73 (2006.01)
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 (62) 2021235342
 (72) HENRY, Jason J.; WADZINSKI, Chris
 A.
 (74) Griffith Hack

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 (11) AU-A-2022263472
 (21) 2022263472 (22) 31.10.2022
 (54) The Traffics Network Technology
 (51) Int. Cl.
G06F 16/95 (2019.01)
G06T 15/00 (2011.01)
G06Q 99/00 (2006.01)
 (43) 16.05.2024
 (72) KLEIN, JACK
 (74) jsk

(71) The Trustees of The University of
 Pennsylvania
 (11) AU-A-2024202693
 (21) 2024202693 (22) 24.04.2024
 (54) Gene Therapy For Ocular Disorders
 (51) Int. Cl.
C12N 15/86 (2006.01)

A61K 35/76 (2015.01)
A61K 48/00 (2006.01)
A61P 27/02 (2006.01)
C12N 15/861 (2006.01)
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 (62) 2018228881
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 Sun, Junwei; Song, Ji-Yun; Nikonov,
 Sergei
 (74) WRAYS PTY LTD

The United States of America, as represen-
 ted by the Secretary, Department of Health
 and Human Services see ConverGene LLC
 (21) 2024201890

(71) Toyota Jidosha Kabushiki Kaisha; Ko-
 matsu Ltd.
 (11) AU-A-2023248191
 (21) 2023248191 (22) 13.10.2023
 (54) Operation management system
 (51) Int. Cl.
B60W 40/06 (2012.01)
B60W 30/184 (2012.01)
B60W 30/20 (2006.01)
B60W 40/13 (2012.01)
G01C 7/04 (2006.01)
G01C 21/30 (2006.01)
 (31) 2022-176576 (32) 02.11.22 (33) JP
 (43) 16.05.2024
 (72) NOZAWA, Yusuke; MIZOO, Shun;
 TAKASHIMA, Toru; OKANO, Takahiro;
 OSAGAWA, Kenta; HIRANAKA,
 Takashi; KONISHI, Shota
 (74) Spruson & Ferguson

(71) TRACTO-TECHNIK GmbH & Co. KG
 (11) AU-A-2023251510
 (21) 2023251510 (22) 20.10.2023
 (54) EARTH BORING DEVICE AND METH-
 OD FOR MONITORING A REGION OF
 AN EARTH BORING DEVICE
 (51) Int. Cl.
E21B 44/02 (2006.01)
 (31) 10 2022 127 921.9 (32) 21.10.22 (33) DE
 (43) 16.05.2024
 (72) Schauerte, Thomas
 (74) PHILLIPS ORMONDE FITZPATRICK

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 (21) 2023251514 (22) 20.10.2023
 (54) "METHODS AND DEVICES FOR IN-
 TRODUCING DRILLING CHANNELS
 IN THE GROUND
 (51) Int. Cl.
E21B 47/09 (2012.01)
E21B 7/04 (2006.01)
E21B 7/06 (2006.01)
E21B 7/20 (2006.01)
E21B 47/017 (2012.01)
E21B 47/26 (2012.01)
G01S 13/88 (2006.01)
 (31) 22 203 146.0 (32) 21.10.22 (33) EP

(43) 16.05.2024
 (72) Funke, Ferdinand; Hanses, Andreas;
 Klein, Tobias; Koch, Elmar; Schauerte,
 Thomas
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Translate Bio, Inc.
 (11) AU-A-2024202731
 (21) 2024202731 (22) 26.04.2024
 (54) MRNA THERAPY FOR POMPE DIS-
 EASE
 (51) Int. Cl.
A61K 9/00 (2006.01)
A61K 9/127 (2006.01)
A61K 31/7105 (2006.01)
A61K 48/00 (2006.01)
 (43) 16.05.2024
 (62) 2021232818
 (72) DeRosa, Frank; Heartlein, Michael
 (74) Pizzeys Patent and Trade Mark Attor-
 neys Pty Ltd

(71) Transportation IP Holdings, LLC
 (11) AU-A-2023248093
 (21) 2023248093 (22) 11.10.2023
 (54) SIGNAL COMMUNICATION SYSTEM
 (51) Int. Cl.
G08G 1/095 (2006.01)
B61L 5/18 (2006.01)
G06N 20/00 (2019.01)
G08G 1/0967 (2006.01)
 (31) 63/421,197 (32) 01.11.22 (33) US
 18/479,303 02.10.23 US
 (43) 16.05.2024
 (72) Kernwein, Jeffrey Donald; Blackwell,
 Jeremy; Hill, David
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) TRINA SOLAR CO., LTD
 (11) AU-A-2023278026
 (21) 2023278026 (22) 08.05.2023
 (54) PHOTOVOLTAIC TILE AND SLOPED
 PHOTOVOLTAIC ROOF
 (51) Int. Cl.
H02S 20/25 (2014.01)
F24S 20/69 (2018.01)
H01L 31/02 (2006.01)
H02S 20/20 (2014.01)
 (31) 202211318876.1 (32) 26.10.22 (33) CN
 (43) 16.05.2024
 (72) XU, Jianmei; XIE, Yifan; ZENG, Fei
 (74) Davies Collison Cave Pty Ltd

(71) UCB Biopharma SRL
 (11) AU-A-2024202395
 (21) 2024202395 (22) 12.04.2024
 (54) Anti-FcRn antibodies
 (51) Int. Cl.
C07K 16/28 (2006.01)
G01N 33/53 (2006.01)
 (43) 16.05.2024
 (62) 2020217370
 (72) FINNEY, Helene Margaret; LAWSON,
 Alastair David Griffiths; SHAW, Stevan
 Graham; SMITH, Bryan John; TYSON,
 Kerry Louise; KEVORKIAN, Lara; MEI-

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ER, Christoph; SARKAR, Kaushik;
ATHERFOLD, Paul Alan
(74) Griffith Hack

(71) University of Cincinnati
(11) AU-A-2024202761
(21) 2024202761 **(22)** 29.04.2024
(54) COMPOSITIONS AND METHODS FOR TREATING DEFECTS IN AVASCULAR CARTILAGINOUS TISSUE BY DIRECTLY ADMINISTERING ONE OR MORE METABOLITES OF SIMVASTATIN
(51) Int. Cl.
A61K 31/335 (2006.01)
A61K 9/22 (2006.01)
A61K 31/365 (2006.01)
A61K 31/366 (2006.01)
(43) 16.05.2024
(62) 2018269008
(72) Lin, Chia-Ying James
(74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

(71) University of Washington
(11) AU-A-2024201002
(21) 2024201002 **(22)** 16.02.2024
(54) IN SITU COMBINATORIAL LABELING OF CELLULAR MOLECULES
(51) Int. Cl.
C12Q 1/68 (2018.01)
(43) 16.05.2024
(62) 2018335876
(72) SEELIG, Georg; ROSENBERG, Alexander B.; ROCO, Charles
(74) AJ PARK

(71) UPSIDE FOODS, INC.
(11) AU-A-2024202654
(21) 2024202654 **(22)** 23.04.2024
(54) FILTER CAKE-BASED SYSTEMS AND METHODS FOR THE CULTIVATION OF CELLS AND CELL BIOMASS
(51) Int. Cl.
C12M 1/12 (2006.01)
C12M 1/00 (2006.01)
C12M 1/34 (2006.01)
C12N 5/07 (2010.01)
(43) 16.05.2024
(62) 2022349541
(72) MUELLER-AUFFERMANN, Konrad
(74) Blackwattle IP

(71) Vitae Pharmaceuticals, LLC.
(11) AU-A-2024202700
(21) 2024202700 **(22)** 24.04.2024
(54) Inhibitors of the menin-MLL Interaction
(51) Int. Cl.
C07D 405/14 (2006.01)
A61K 31/407 (2006.01)
A61P 3/10 (2006.01)
A61P 35/00 (2006.01)
C07D 403/04 (2006.01)
C07D 403/14 (2006.01)
C07D 471/10 (2006.01)
C07D 487/10 (2006.01)
C07D 491/10 (2006.01)

(43) 16.05.2024
(62) 2021258089
(72) CACATIAN, Salvacion; CLAREMON, David A.; DILLARD, Lawrence Wayne; DONG, Chengguo; FAN, Yi; JIA, Lanqi; LOTESTA, Stephen D.; MARCUS, Andrew; MORALES-RAMOS, Angel; SINGH, Suresh B.; VENKATRAMAN, Shankar; YUAN, Jing; ZHENG, Yajun; ZHUANG, Linghang; PARENT, Stephan D.; HOUSTON, Travis L.
(74) Spruson & Ferguson

Watkins, A. see Watkins, P.
(21) 2022263554

(71) Watkins, P.; Watkins, A.
(11) AU-A-2022263554
(21) 2022263554 **(22)** 03.11.2022
(54) Manual hand tool to comfortably pick up dog, cat and poultry faeces
(51) Int. Cl.
E01H 1/12 (2006.01)
(31) 2022903267 **(32)** 02.11.22 **(33)** AU
(43) 16.05.2024
(72) Watkins, Paul; Watkins, Aaron
(74) Madison Watkins

(71) Weichai Lovol Intelligent Agricultural Technology Co., Ltd.
(11) AU-A-2023214212
(21) 2023214212 **(22)** 07.08.2023
(54) Double-roller dual-gear transmission box and double-longitudinal axial flow harvester
(51) Int. Cl.
A01F 7/02 (2006.01)
A01F 12/00 (2006.01)
F16H 37/06 (2006.01)
(31) 202211332311.9 **(32)** 28.10.22 **(33)** CN
(43) 16.05.2024
(72) YIN, Qisheng; HE, Song; QI, Wenzheng; LI, Pengfei; ZHANG, Wanqing; LIU, Chengbo; HAN, Jingwen; WANG, Banghao
(74) Spruson & Ferguson

(71) Weichai Lovol Intelligent Agricultural Technology Co., Ltd.
(11) AU-A-2023214244
(21) 2023214244 **(22)** 08.08.2023
(54) Grain combine harvester
(51) Int. Cl.
A01D 41/12 (2006.01)
A01D 41/06 (2006.01)
A01D 57/01 (2006.01)
A01D 69/00 (2006.01)
A01D 69/06 (2006.01)
A01D 69/08 (2006.01)
A01F 12/10 (2006.01)
A01F 12/18 (2006.01)
A01F 12/44 (2006.01)
A01F 12/56 (2006.01)
(31) 202211334784.2 **(32)** 28.10.22 **(33)** CN
(43) 16.05.2024
(72) WANG, Guimin; HE, Song; ZHU, Yongfeng; ZHU, Xianxue; QIN, Yongfeng;

CHEN, Fangyong; LI, Jianxiang; WU, Xiaowei; HAN, Xinhua; QI, Wenzheng; ZHENG, Yuenan
(74) Spruson & Ferguson

(71) Weng, N.D.Y.
(11) AU-A-2022259863
(21) 2022259863 **(22)** 30.10.2022
(54) PRESSURISED VAPORISATION DEVICE
(51) Int. Cl.
A24F 40/48 (2020.01)
A24F 40/20 (2020.01)
A24F 40/57 (2020.01)
(43) 16.05.2024
(72) Weng, Norris Di Yuan
(74) Norris Di Yuan Weng

(71) Xero Limited
(11) AU-A-2024202736
(21) 2024202736 **(22)** 26.04.2024
(54) Data reconciliation based on computer analysis of data
(51) Int. Cl.
G06Q 20/38 (2012.01)
G06Q 20/40 (2012.01)
G06Q 40/00 (2023.01)
(43) 16.05.2024
(62) 2022202630
(72) GORMAN, Kieran; WALKER, Craig
(74) FB Rice Pty Ltd

(71) Xibao (Fujian) Home Furnishing Co., Ltd.
(11) AU-A-2023258336
(21) 2023258336 **(22)** 31.10.2023
(54) HEADBOARD
(51) Int. Cl.
A47C 19/02 (2006.01)
A61G 7/05 (2006.01)
(31) 202222917116.4 **(32)** 31.10.22 **(33)** CN
(43) 16.05.2024
(72) Jietong Wang; Shenghao Liu; Steve Anderson
(74) Remarkable IP

(71) YETI Coolers, LLC
(11) AU-A-2024202723
(21) 2024202723 **(22)** 26.04.2024
(54) Portable chair
(51) Int. Cl.
A47C 4/30 (2006.01)
A47C 4/38 (2006.01)
A47C 4/48 (2006.01)
(43) 16.05.2024
(62) 2019206704
(72) WINTERHALTER, Andrew J.; CIESZKO, Michael; GOLDBERG, Evan; SULLIVAN, Derek G.; DESROCHES, Donald Edward
(74) GLMR

(71) Zensun (Shanghai) Science & Technology, Co., Ltd.
(11) AU-A-2024202678
(21) 2024202678 **(22)** 24.04.2024

Applications Open to Public Inspection - Name Index cont'd

(54) Use of vitamin composition in preparing drug for preventing, treating, or delaying Alzheimer's disease

(51) Int. Cl.

A61K 31/714 (2006.01)

A61K 31/355 (2006.01)

A61K 31/375 (2006.01)

A61K 31/4415 (2006.01)

A61P 25/28 (2006.01)

(43) 16.05.2024

(62) 2018229920

(72) ZHOU, Mingdong

(74) FB Rice Pty Ltd

Zhejiang Jinko Solar Co., Ltd. see Shanghai Jinko Green Energy Enterprise Management Co. Ltd.

(21) 2022279394

(71) Zymeworks BC Inc.

(11) AU-A-2024202649

(21) 2024202649 (22) 23.04.2024

(54) Modified antigen binding polypeptide constructs and uses thereof

(51) Int. Cl.

C07K 16/00 (2006.01)

A61K 39/395 (2006.01)

C07K 16/46 (2006.01)

C12N 15/13 (2006.01)

(43) 16.05.2024

(62) 2021202963

(72) SANCHES, Mario; SPRETER VON KREUDENSTEIN, Thomas; UROSEV, Dunja; TOM-YEW, Stacey A. L.; CORP-ER, Adam Louis; D'ANGELO, Igor Edmondo Paolo; CHOU, Yang-Chieh; DIXIT, Surjit Bhimarao

(74) Spruson & Ferguson

Numerical Index

2022259704	min, b.	2023254949	MAX CO., LTD.
2022259822	Kwesst Inc.	2023254954	Romeo Solutions Pty Ltd
2022259841	COMFITPRO (PTY) LTD	2023254964	Techtronic Cordless GP
2022259848	Hark Medical Research Pty Ltd	2023254967	Kookmin University Industry Academy Cooperation Foundation
2022259862	Bone, J.	2023254968	Techtronic Cordless GP
2022259863	Weng, N.D.Y.	2023254989	CONRAD, C.
2022259865	Ruscigno, S.	2023254995	Guangdong Crystal Island Healthwise Co., Ltd.
2022263466	I.G.B. S.r.l.	2023255017	Opal Packaging Australia Pty Ltd
2022263472	The Traffics Network Technology	2023255019	The Eastern Company
2022263478	Canva Pty Ltd	2023255039	Communication Components Antenna Inc.
2022263484	Boart Longyear Company	2023255042	Stapleton, A.
2022263506	Canva Pty Ltd	2023255043	Ryde Enterprises Pty Ltd T/AS Mining and Plant Group
2022263535	Mallouhi, E.	2023255049	Corrix Pty Ltd
2022263554	Watkins, P.; Watkins, A.	2023257419	Spry, P.
2022279394	Shanghai Jinko Green Energy Enterprise Management Co. Ltd.; Zhejiang Jinko Solar Co., Ltd.	2023258322	Schneider Electric (Australia) Pty Limited
2022446295	QINGDAO UNIVERSITY OF TECHNOLOGY	2023258336	Xibao (Fujian) Home Furnishing Co., Ltd.
2023200621	Sharp Kabushiki Kaisha	2023258348	Illinois Tool Works Inc.
2023200643	Getac Technology Corporation	2023258356	NINGBO SUNFREE MOTOR TECHNOLOGY COMPANY LIMITED
2023200801	Sharp Kabushiki Kaisha	2023258367	5B IP Holdings Pty Ltd
2023200802	Sharp Kabushiki Kaisha	2023258374	Halo Smart Solutions, Inc.
2023201325	Sharp Kabushiki Kaisha	2023278026	TRINA SOLAR CO., LTD
2023201328	Sharp Kabushiki Kaisha	2023285941	KOSHIMURA Kunio
2023201329	Sharp Kabushiki Kaisha	2023285987	HUNAN SANY MEDIUM TONNAGE HOISTING MACHINERY CO., LTD.
2023201337	Getac Technology Corporation	2023348040	KOVAX CORPORATION
2023201891	Getac Technology Corporation	2024201002	University of Washington
2023201996	Canva Pty Ltd	2024201216	Pfizer Inc.
2023202624	Shenzhen Aiper Intelligent Co., Ltd.	2024201334	Illumina, Inc.
2023203016	Canva Pty Ltd	2024201834	Philogen S.p.A.
2023203018	Canva Pty Ltd	2024201860	Medikine, Inc.
2023203144	Paris, M.D.	2024201890	ConverGene LLC; The United States of America, as represented by the Secretary, Department of Health and Human Services
2023203381	Ming Shin Tools Co., Ltd.	2024201996	Pfizer Inc.
2023203688	SAP SE	2024202253	Heat Biologics, Inc.
2023204085	BOESTEN, L.	2024202336	Compugen Ltd.
2023206218	Fujitsu Limited	2024202395	UCB Biopharma SRL
2023206220	Fujitsu Limited	2024202507	iCahn School of Medicine at Mount Sinai; Allergenis LLC
2023208146	Deere & Company	2024202524	Immuneering Corporation
2023210643	Daon Technology	2024202527	CTTQ-Akeso (ShangHai) Biomed. Tech. Co., Ltd.
2023214211	Intuit Inc.	2024202535	Chugai Seiyaku Kabushiki Kaisha; Agency for Science, Technology and Research
2023214212	Weichai Lovol Intelligent Agricultural Technology Co., Ltd.	2024202552	Innate Pharma
2023214244	Weichai Lovol Intelligent Agricultural Technology Co., Ltd.	2024202609	immatics biotechnologies GmbH
2023226693	Deere & Company	2024202614	KWS SAAT SE & Co. KGaA
2023229495	Koch Innovations Safety Solutions Pty Ltd	2024202619	Takeda Pharmaceutical Company Limited
2023233143	Illinois Tool Works Inc.	2024202622	The Board of Trustees of the Leland Stanford Junior University
2023233176	Illinois Tool Works Inc.	2024202635	NEOGAP Therapeutics AB
2023233178	PYLON TECHNOLOGIES CO., LTD.	2024202636	Nuculus AS
2023237039	Ecoganic Pty Ltd	2024202637	Protechna S.A.
2023237086	Beijing Eacon Technology Co., LTD.	2024202639	Pfizer Inc.
2023237107	Aktiebolaget SKF	2024202641	Spraying Systems Co.
2023241293	CATERPILLAR INC.	2024202643	Fisher & Paykel Healthcare Limited
2023241349	Suburban Insights Pty Ltd	2024202644	The Council of the Queensland Institute of Medical Research
2023248093	Transportation IP Holdings, LLC	2024202645	Medshine Discovery Inc.
2023248191	Toyota Jidosha Kabushiki Kaisha; Komatsu Ltd.	2024202646	Medshine Discovery Inc.
2023251400	NIHON KENSETSU GIJUTSU CO.,LTD.	2024202649	Zymeworks BC Inc.
2023251453	Stick Tech Oy	2024202650	Spin Master, Inc.
2023251454	Simmons, D.	2024202651	The Toro Company
2023251488	ASSA ABLOY Australia Pty Limited	2024202652	JUNGWOO METAL IND. CO., LTD.
2023251510	TRACTO-TECHNIK GmbH & Co. KG	2024202653	Nautilus Subsidiary, Inc.
2023251514	TRACTO-TECHNIK GmbH & Co. KG	2024202654	UPSIDE FOODS, INC.
2023251560	Deere & Company	2024202657	Mestek Machinery, Inc.
2023254876	Nuheara IP Pty Ltd		
2023254893	NKT Cables GmbH		
2023254902	Seminis Vegetable Seeds, Inc.		
2023254916	Air Products and Chemicals, Inc.		
2023254933	ARCTIC WOLF NETWORKS, INC.		
2023254948	MAX CO., LTD.		

Applications Open to Public Inspection - Numerical Index cont'd

2024202658	FISHER & PAYKEL HEALTHCARE LIMITED	2024202797	CG Technology Development, LLC
2024202663	Alcresta Therapeutics, Inc.	2024202800	Microsoft Technology Licensing, LLC
2024202667	Apple Inc.	2024202801	COOPERVISION INTERNATIONAL LIMITED
2024202669	AgResearch Limited	2024202804	Dexcom, Inc.
2024202670	Apple Inc.	2024202805	Nextracker LLC
2024202672	Tencent America LLC	2024202809	Apple Inc.
2024202674	Cummins Power Generation Inc.	2024202810	Grand Performance Online Pty Ltd
2024202677	Checkpoint Systems, Inc.	2024202812	Jinx Innovations, LLC
2024202678	Zensun (Shanghai) Science & Technology, Co., Ltd.	2024202813	Regeneron Pharmaceuticals Inc.
2024202680	Dana-Farber Cancer Institute, Inc.	2024202816	Focused Technology Solutions, Inc.
2024202681	Seattle Children's Hospital d/b/a Seattle Children's Research Institute	2024202817	Stats LLC
2024202682	Rail-Veyor Technologies Global Inc.	2024202818	Huawei Technologies Co., Ltd.
2024202687	Howmedica Osteonics Corp.	2024202819	Huawei Technologies Co., Ltd.
2024202690	PIXOVR, Corp.	2024202820	Shenzhen Ulike Smart Electronics Co., Ltd
2024202693	The Trustees of The University of Pennsylvania		
2024202695	Arrowhead Pharmaceuticals, Inc.		
2024202696	PayPal, Inc.		
2024202699	Apple Inc.		
2024202700	Vitae Pharmaceuticals, LLC.		
2024202704	NIPPON SUISAN KAISHA, LTD.		
2024202712	Lone Gull Holdings, Ltd.		
2024202713	Sigilon Therapeutics, Inc.		
2024202716	Pelzer, F.		
2024202718	Snap-on Incorporated		
2024202719	Metso Sweden AB		
2024202722	FISHER & PAYKEL HEALTHCARE LIMITED		
2024202723	YETI Coolers, LLC		
2024202725	Dexcom, Inc.		
2024202726	Ohio State Innovation Foundation; Nationwide Children's Hospital, Inc.		
2024202727	Schneider Electric Industries SAS		
2024202730	Geomni, Inc.		
2024202731	Translate Bio, Inc.		
2024202733	Komatsu Ltd.		
2024202736	Xero Limited		
2024202737	Macfarlane Burnet Institute for Medical Research and Public Health Limited		
2024202738	Lucasfilm Entertainment Company Ltd.		
2024202739	PharmaFluidics NV		
2024202740	miDiagnostics NV		
2024202743	Entellus Medical, Inc.		
2024202744	Cosmo Artificial Intelligence - Ai Limited		
2024202745	Mitokinin, Inc.		
2024202748	Apple Inc.		
2024202749	Accenture Global Solutions Limited		
2024202753	Imprenditore Pty Limited		
2024202755	DUG Technology (Australia) Pty Ltd.		
2024202756	Takeda Pharmaceutical Company Limited		
2024202759	Krishnan, A.		
2024202761	University of Cincinnati		
2024202762	Koppers Performance Chemicals Inc.		
2024202763	Nicoventures Trading Limited		
2024202765	Johnson & Johnson Vision Care, Inc.		
2024202766	RxSafe LLC		
2024202767	PyroGenesis Canada Inc.		
2024202768	Apple Inc.		
2024202769	Magic Leap, Inc.		
2024202770	Acuitas Therapeutics Inc.		
2024202773	Sage Therapeutics, Inc.		
2024202774	Sage Therapeutics, Inc.		
2024202775	Teague, P.		
2024202776	Stryker European Operations Limited		
2024202780	Nautilus Subsidiary, Inc.		
2024202782	Edwards Lifesciences Corporation		
2024202783	Pindrop Security, Inc.		
2024202784	The NOCO Company		
2024202785	Syqe Medical Ltd.		
2024202786	Sidloski, R.		
2024202787	Howmedica Osteonics Corp.		
2024202789	RRC Power & Energy, LLC		
2024202793	Société des Produits Nestlé S.A.		

IPC Index

A01C 15 /- 2023226693	A23K 10 /- 2024202669	A61F 7 /- 2024202820	A61K 8 /- 2024202704	A63B 37 /- 2022259841	B27K 3 /- 2024202762
A01C 21 /- 2023226693	A23K 40 /- 2024202669	A61F 9 /- 2024202765	A61K 9 /- 2024202731 2024202756 2024202761 2024202770	A63F 13 /- 2024202716	B29D 11 /- 2024202801
A01C 23 /- 2023226693	A23L 27 /- 2022259704	A61G 7 /- 2023258336	A61M 11 /- 2024202785	B01D 1 /- 2024202641	B32B 5 /- 2023348040
A01C 7 /- 2023226693 2023251560	A23L 31 /- 2022259704	A61J 1 /- 2024202663 2024202785	A61M 15 /- 2024202785	B01D 29 /- 2023202624	B60B 27 /- 2023254954
A01D 34 /- 2024202651	A24F 40 /- 2022259863	A61J 15 /- 2024202663	A61M 16 /- 2024202643 2024202658 2024202722 2024202785	B01D 35 /- 2023202624	B60C 19 /- 2022263535 2023229495
A01D 41 /- 2023214244	A24F 47 /- 2024202785	A61J 7 /- 2022259848 2024202663 2024202766	A61M 25 /- 2024202743 2024202782	B01L 3 /- 2024202740	B60C 29 /- 2023229495
A01D 57 /- 2023214244	A42B 3 /- 2023204085	A61K 31 /- 2024201834 2024201890 2024202645 2024202646 2024202678 2024202695 2024202700 2024202704 2024202713 2024202731 2024202737 2024202761 2024202773 2024202774	A61M 39 /- 2024202643	B02C 17 /- 2023237107	B60H 1 /- 2023241293
A01D 69 /- 2023214244	A45F 5 /- 2024202812	A61K 35 /- 2024202693	A61P 19 /- 2024201890	B02C 25 /- 2023237107	B60H 3 /- 2023241293
A01F 12 /- 2023214212 2023214244	A47C 15 /- 2024202650	A61K 38 /- 2024201834 2024201860 2024202253 2024202336 2024202609 2024202622 2024202644 2024202653	A61P 25 /- 2024201890 2024202635 2024202678 2024202773 2024202774	B07B 1 /- 2024202719	B60L 1 /- 2023201337
A01F 7 /- 2023214212	A47C 19 /- 2023258336	A61K 39 /- 2024201834 2024201996 2024202527 2024202535 2024202609 2024202619 2024202635 2024202649 2024202680 2024202756	A61P 27 /- 2024202693	B07C 5 /- 2024202719	B60L 53 /- 2024202636
A01G 13 /- 2024202786	A47J 31 /- 2024202793	A61K 47 /- 2024201216	A61P 29 /- 2024202737	B22F 1 /- 2022263535	B60R 16 /- 2023201337 2023201891
A01H 1 /- 2023254902	A47C 4 /- 2024202723	A61K 48 /- 2024202693 2024202726 2024202731	A61P 31 /- 2024201890 2024202535 2024202644 2024202645 2024202646	B22F 9 /- 2024202767	B60S 1 /- 2023233143 2023237086
A01H 4 /- 2024202614	A61B 1 /- 2024202744	A61K 53 /- 2024202641	A61P 33 /- 2024202644	B23B 47 /- 2024202718	B60W 30 /- 2023248191
A01H 5 /- 2023254902 2024202614	A61B 17 /- 2024202687 2024202743 2024202782	A61K 57 /- 2024202641	A61P 35 /- 2024201216 2024201834 2024201890 2024202527 2024202552 2024202609 2024202644 2024202700	B23C 3 /- 2023251453	B60W 40 /- 2023248191 2024202759
A01H 6 /- 2023254902	A61B 18 /- 2024202776 2024202820	A61L 3 /- 2024202759	A61P 37 /- 2024201860 2024202644 2024202713	B23D 51 /- 2023254968	B61B 3 /- 2024202682
A01M 7 /- 2023226693	A61B 3 /- 2024202820	A61M 3 /- 2024202700	A61P 39 /- 2024201890 2024202535 2024202644 2024202645 2024202646	B23K 23 /- 2022446295	B61B 5 /- 2024202682
A01M 4 /- 2024202614	A61B 34 /- 2024202743 2024202765 2024202787	A61M 5 /- 2024202700	A61P 41 /- 2024201890 2024202535 2024202644 2024202645 2024202646	B23K 26 /- 2022279394 2024202657	B61K 9 /- 2023254954
A01M 5 /- 2023254902 2024202614	A61B 5 /- 2022259848 2024202725 2024202804	A61M 7 /- 2024202700	A61P 43 /- 2024202644	B24D 11 /- 2023348040	B61L 5 /- 2023248093
A01M 6 /- 2023254902	A61B 18 /- 2024202776 2024202820	A61M 9 /- 2024202700	A61P 45 /- 2024201216 2024201834 2024201890 2024202527 2024202552 2024202609 2024202644 2024202700	B23D 3 /- 2023348040	B62B 1 /- 2022259865
A01M 7 /- 2023226693	A61B 3 /- 2024202759	A61M 11 /- 2024202785	A61P 47 /- 2024201860 2024202644 2024202713	B25B 13 /- 2023203381	B62D 1 /- 2024202759
A01M 25 /- 2024202669 2024202762	A61B 34 /- 2024202743 2024202765 2024202787	A61M 15 /- 2024202785	A61P 49 /- 2024201860 2024202644 2024202713	B25D 17 /- 2024202718	B62D 21 /- 2023255043
A01N 43 /- 2024202745 2024202762	A61B 5 /- 2022259848 2024202725 2024202804	A61M 16 /- 2024202643 2024202658 2024202722 2024202785	A61P 51 /- 2024201860 2024202644 2024202713	B25F 5 /- 2024202718	B62D 24 /- 2023255043
A01N 59 /- 2024202762	A61B 90 /- 2024202743 2024202787	A61M 19 /- 2024202785	A61P 53 /- 2024201860 2024202644 2024202713	B25H 3 /- 2023254964	B62D 25 /- 2023255043
A01N 63 /- 2023237039	A61C 13 /- 2023251453	A61M 21 /- 2024202785			
A01P 7 /- 2023237039	A61F 2 /- 2024202782				
A23C 1 /- 2024202641					

Applications Open to Public Inspection - IPC Index cont'd

<u>B62D 27 /-</u> 2023255043	2024202524 2024202713	<u>C08J 11 /-</u> 2023254967	<u>C40B 30 /-</u> 2024202780	<u>E21D 15 /-</u> 2023257419	<u>G01C 21 /-</u> 2023248191 2024202730
<u>B62D 33 /-</u> 2023255043	<u>C07D 403 /-</u> 2024202700 2024202713	<u>C09D 183 /-</u> 2023233143	<u>E01B 25 /-</u> 2024202682	<u>F02N 11 /-</u> 2024202784	<u>G01C 7 /-</u> 2023248191
<u>B63C 9 /-</u> 2024202650	<u>C07D 405 /-</u> 2024202700 2024202713	<u>C09D 5 /-</u> 2023233143	<u>E01B 29 /-</u> 2024202816	<u>F03B 13 /-</u> 2024202712	<u>G01D 21 /-</u> 2023258374
<u>B65B 1 /-</u> 2024202766	<u>C07D 409 /-</u> 2024202713	<u>C09D 7 /-</u> 2023233143	<u>E01C 3 /-</u> 2023251400	<u>F03D 5 /-</u> 2024202712	<u>G01K 13 /-</u> 2023254954
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<u>B65B 27 /-</u> 2023254949	<u>C07D 417 /-</u> 2024202713	<u>C11B 1 /-</u> 2024202704	<u>E01H 1 /-</u> 2022263554	<u>F04D 27 /-</u> 2023200643	<u>G01L 1 /-</u> 2023237107
<u>B65D 5 /-</u> 2022263466 2023255017	<u>C07D 471 /-</u> 2024201890 2024202700 2024202713	<u>C11B 3 /-</u> 2024202704	<u>E02D 17 /-</u> 2023257419	<u>F15B 13 /-</u> 2023285987	<u>G01L 5 /-</u> 2023237107
<u>B65D 55 /-</u> 2022263466	<u>C07D 473 /-</u> 2024202745	<u>C11C 1 /-</u> 2024202704	<u>E02D 27 /-</u> 2024202789	<u>F16B 25 /-</u> 2023258348	<u>G01M 11 /-</u> 2024202801
<u>B65D 83 /-</u> 2022259848 2023255017	<u>C07D 487 /-</u> 2024202645 2024202700 2024202713	<u>C11C 3 /-</u> 2024202704	<u>E02D 5 /-</u> 2024202789	<u>F16B 33 /-</u> 2023258348	<u>G01M 13 /-</u> 2023254954
<u>B65F 1 /-</u> 2022259865	<u>C07D 491 /-</u> 2024202700	<u>C12M 1 /-</u> 2023255049 2024202654	<u>E02D 7 /-</u> 2024202789	<u>F16B 43 /-</u> 2023258348	<u>G01N 1 /-</u> 2022263535 2024202639
<u>B65H 75 /-</u> 2022259848	<u>C07D 491 /-</u> 2024202700	<u>C12N 1 /-</u> 2023237039 2023255049 2024202669	<u>E04D 3 /-</u> 2023258348	<u>F16C 19 /-</u> 2023254954	<u>G01N 15 /-</u> 2023258374
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<u>B66C 23 /-</u> 2023285987	<u>C07K 14 /-</u> 2024201834 2024201860 2024202253 2024202336 2024202614 2024202622 2024202635 2024202681	<u>C12N 5 /-</u> 2024202527 2024202654	<u>E05B 15 /-</u> 2023251488	<u>F16H 37 /-</u> 2023214212	<u>G01N 33 /-</u> 2024202395 2024202507 2024202527 2024202609 2024202622 2024202653 2024202780
<u>C01B 3 /-</u> 2023254967	<u>C07K 16 /-</u> 2024201216 2024201834 2024202336 2024202395 2024202527 2024202535 2024202552 2024202619 2024202649 2024202680 2024202695	<u>C12N 7 /-</u> 2024202253	<u>E05B 63 /-</u> 2023251488	<u>F16K 1 /-</u> 2024202637	<u>G01S 13 /-</u> 2023251514
<u>C05F 11 /-</u> 2024202669	<u>C07K 19 /-</u> 2024202644	<u>C12P 7 /-</u> 2024202704	<u>E05B 73 /-</u> 2024202677	<u>F16L 11 /-</u> 2024202643	<u>G01S 3 /-</u> 2024202738
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<u>C07C 229 /-</u> 2024202770	<u>C07K 16 /-</u> 2024201216 2024201834 2024202336 2024202395 2024202527 2024202535 2024202552 2024202619 2024202649 2024202680 2024202695	<u>C12R 1 /-</u> 2022259704 2023237039	<u>E05C 1 /-</u> 2023251488	<u>F23G 5 /-</u> 2023254967	<u>G01V 1 /-</u> 2024202755 2024202775
<u>C07C 319 /-</u> 2023233176	<u>C07K 16 /-</u> 2024201216 2024201834 2024202336 2024202395 2024202527 2024202535 2024202552 2024202619 2024202649 2024202680 2024202695	<u>C25B 1 /-</u> 2023254916	<u>E05C 3 /-</u> 2023255019	<u>F24F 11 /-</u> 2023200643 2023258322	<u>G01V 11 /-</u> 2024202775
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<u>C07D 239 /-</u> 2024201890	<u>C07K 16 /-</u> 2024201216 2024201834 2024202336 2024202395 2024202527 2024202535 2024202552 2024202619 2024202649 2024202680 2024202695	<u>C25B 15 /-</u> 2023254916	<u>E21B 17 /-</u> 2022263484	<u>F26B 25 /-</u> 2024202641	<u>G01V 11 /-</u> 2024202775
<u>C07D 249 /-</u> 2024202713	<u>C07K 16 /-</u> 2024201216 2024201834 2024202336 2024202395 2024202527 2024202535 2024202552 2024202619 2024202649 2024202680 2024202695	<u>C25B 15 /-</u> 2023254916	<u>E21B 44 /-</u> 2023251510	<u>F26B 3 /-</u> 2024202641	<u>G01V 5 /-</u> 2024202775
<u>C07D 291 /-</u> 2024202745	<u>C07K 19 /-</u> 2024202644	<u>C25B 15 /-</u> 2023254916	<u>E21B 47 /-</u> 2023251514 2024202775	<u>F41A 21 /-</u> 2022259822	<u>G02B 27 /-</u> 2024202769
<u>C07D 295 /-</u> 2024202770	<u>C07K 5 /-</u> 2024202695	<u>C25B 15 /-</u> 2023254916	<u>E21B 7 /-</u> 2023251514	<u>F42B 5 /-</u> 2022259822	<u>G05B 19 /-</u> 2023208146 2024202727
<u>C07D 401 /-</u> 2024201890	<u>C07K 7 /-</u> 2024201860 2024202609			<u>G01B 9 /-</u> 2023226693	

Applications Open to Public Inspection - IPC Index cont'd

G05D 1 /- 2024202759	2024202749	G08B 13 /- 2024202677	H01R 4 /- 2023254893	H04S 7 /- 2024202809
G05D 23 /- 2023200643	G06Q 30 /- 2022259862 2023241349 2023251454 2023255042	G08B 17 /- 2023258374	H01R 9 /- 2023254893	H04W 12 /- 2024202748
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G06F 11 /- 2023214211	G06Q 99 /- 2022263472	G08G 1 /- 2023248093	H02J 50 /- 2023254954	H04W 4 /- 2023200621 2024202748 2024202809 2024202819
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G06F 17 /- 2024202753	G06T 15 /- 2022263472	G11B 27 /- 2024202690 2024202738	H02K 7 /- 2024202712	H04W 48 /- 2023200621
G06F 21 /- 2023254933 2024202748 2024202749 2024202804	G06T 19 /- 2024202690 2024202769	G16B 35 /- 2024202813	H02M 3 /- 2024202805	H04W 56 /- 2023201329
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G06F 7 /- 2023214211	G06T 5 /- 2023203016 2023203018	G16H 15 /- 2024202804	H02S 40 /- 2023258367 2024202805	H04W 72 /- 2023200801 2023201328 2024202818 2024202819
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G06F 9 /- 2023203688 2023254933 2024202727 2024202753	G06T 9 /- 2023201996	H01F 5 /- 2023203144	H04L 12 /- 2024202753 2024202768	H04W 8 /- 2023200621
G06N 20 /- 2023206220 2023248093 2024202749 2024202805 2024202817	G06V 10 /- 2023206218 2023206220 2024202801	H01F 7 /- 2023203144	H04L 41 /- 2023254933	H04W 84 /- 2023200621 2024202818
G06N 3 /- 2023203016 2023203018 2023206220 2024202744 2024202759 2024202801	G06V 20 /- 2023206220	H01L 21 /- 2022279394	H04L 65 /- 2024202690	H04W 88 /- 2023200621 2023200802 2023201328
G06Q 10 /- 2023254989 2023285941 2024202753 2024202810	G06V 30 /- 2023210643	H01L 23 /- 2023200643	H04M 1 /- 2024202748	H04W 92 /- 2023201325
G06Q 20 /- 2024202736	G06V 40 /- 2023206220 2023210643 2024202749	H01L 31 /- 2022279394 2023258367 2023278026 2024202805	H04N 13 /- 2024202690	H05K 7 /- 2023200643
	G07F 17 /- 2024202766 2024202797	H01M 10 /- 2024202784	H04N 19 /- 2024202672	H10N 60 /- 2024202800
		H01Q 1 /- 2023255039	H04N 21 /- 2024202749 2024202817	No IPC Mark
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		H01R 13 /- 2023254893 2024202636	H04N 7 /- 2024202749	
		H01R 24 /- 2023254893 2024202636	H04R 1 /- 2023254876	
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 (21) 2019101854 (22) 21.08.2019
 (54) Prothioconazole formulation
 (51) Int. Cl.
 A01N 43/653 (2006.01)
 A01N 25/14 (2006.01)
 A01N 25/30 (2006.01)
 A01P 3/00 (2006.01)
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 G06Q 50/10 (2012.01)
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IPC Index

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A01N 43 /-

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PCT applications which have entered the National Phase

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<p>(71) ABB SCHWEIZ AG (11) AU-A-2022389572 (21) 2022389572 (22) 08.11.2022 (54) A HYDROGEN PRODUCTION PLANT COMPRISING TWO TYPES OF ELECTROLYSIS SYSTEMS (51) Int. Cl. C25B 1/04 (2021.01) C25B 15/02 (2021.01) (87) WO2023/088723 (31) 21209367.8 (32) 19.11.21 (33) EP (43) 25.05.2023 (72) BISKOPING, Matthias; GUTERMUTH, Georg; LENDERS, Felix; PRIMAS, Bernhard; KOENIG, Kai (74) Griffith Hack</p> <hr/> <p>(71) ABB SCHWEIZ AG (11) AU-A-2022413010 (21) 2022413010 (22) 15.11.2022 (54) A SUBSEA SUBSTATION SYSTEM (51) Int. Cl. H01F 27/02 (2006.01) H01F 27/12 (2006.01) H01F 27/40 (2006.01) H01H 33/55 (2006.01) H02B 7/06 (2006.01) H02H 7/04 (2006.01) (87) WO2023/110262 (31) 21214086.7 (32) 13.12.21 (33) EP (43) 22.06.2023 (72) FRETHEIM, Harald; MARTINSEN, Oistein; INGBRIGTSEN, Stian; MORITSUGU, Vitor (74) Griffith Hack</p> <hr/> <p>(71) ABIOMED, INC. (11) AU-A-2022379531 (21) 2022379531 (22) 27.10.2022 (54) LOW PROFILE ACCESS SHEATHS (51) Int. Cl. A61B 17/34 (2006.01) A61M 25/06 (2006.01) A61M 39/08 (2006.01) A61M 39/10 (2006.01) B29C 48/16 (2019.01) (87) WO2023/076488 (31) 63/272,750 (32) 28.10.21 (33) US 63/413,098 04.10.22 US (43) 04.05.2023 (72) DELORENZO, Charles; KORKUCH, Christopher; FANTUZZI, Glen; CHOUINARD, Brian; BOYD, Megan; RAJARAM, Miithun; D'AGOSTINO, Matthew (74) Davies Collison Cave Pty Ltd</p> <hr/> <p>(71) ABIOMED, INC. (11) AU-A-2022380476</p>	<p>(21) 2022380476 (22) 01.11.2022 (54) ELECTRIC AND FLUIDIC CABLES (51) Int. Cl. A61M 25/00 (2006.01) A61M 39/00 (2006.01) A61M 39/08 (2006.01) A61M 60/00 (2021.01) A61M 60/122 (2021.01) A61M 60/88 (2021.01) (87) WO2023/081155 (31) 63/274,829 (32) 02.11.21 (33) US 63/275,278 03.11.21 US (43) 11.05.2023 (72) BAZDANES, Christopher, Theodore; SCHAEFER, Robert; ROY, Vincent; JAHANGIR, Emilia (74) Davies Collison Cave Pty Ltd</p> <hr/> <p>(71) ABIOMED, INC. (11) AU-A-2022380772 (21) 2022380772 (22) 02.11.2022 (54) FLUORO-LESS SYSTEM AND METHOD FOR DELIVERING CATHETER-BASED BLOOD PUMPS (51) Int. Cl. A61M 60/867 (2021.01) A61B 5/06 (2006.01) A61B 34/10 (2016.01) (87) WO2023/081182 (31) 63/275,561 (32) 04.11.21 (33) US (43) 11.05.2023 (72) ROY, Vincent (74) Davies Collison Cave Pty Ltd</p> <hr/> <p>(71) ACCUMED RADIAL SYSTEMS, LLC (11) AU-A-2022395016 (21) 2022395016 (22) 21.11.2022 (54) SYSTEMS FOR CREATING A LUMEN (51) Int. Cl. A61M 25/10 (2013.01) A61B 17/12 (2006.01) (87) WO2023/091756 (31) 63/281,227 (32) 19.11.21 (33) US PCT/ 14.04.22 US US2022/024803 63/335,494 27.04.22 US 63/354,421 22.06.22 US (43) 25.05.2023 (72) KOROTKO, Joseph R.; RISWADKAR, Raj; O'NEILL, William W. (74) Spruson & Ferguson</p> <hr/> <p>(71) ACE PACKAGING N.V. (11) AU-A-2022374891 (21) 2022374891 (22) 28.10.2022 (54) PACKAGING PAPER WITH TRANSPARENT ZONE, METHOD FOR MANUFACTURING PACKAGING PAPER WITH TRANSPARENT ZONE, AND PACKAGING COMPRISING SUCH PACKAGING PAPER</p>	<p>(51) Int. Cl. D21H 19/14 (2006.01) D21H 19/18 (2006.01) D21H 27/10 (2006.01) (87) WO2023/073620 (31) 2021/5844 (32) 28.10.21 (33) BE (43) 04.05.2023 (72) TIRIONS, Benny François Emile; STAPPAERTS, Dave (74) Spruson & Ferguson</p> <hr/> <p>(71) AC IMMUNE SA (11) AU-A-2022390134 (21) 2022390134 (22) 16.11.2022 (54) NOVEL MOLECULES FOR THERAPY AND DIAGNOSIS (51) Int. Cl. A61P 25/00 (2006.01) C07K 16/18 (2006.01) (87) WO2023/088959 (31) 21208651.6 (32) 16.11.21 (33) EP 22194983.7 09.09.22 EP (43) 25.05.2023 (72) BASCO, Davide; OLLIER, Romain Christian; SEREDENIN, Tamara (74) FB Rice Pty Ltd</p> <hr/> <p>(71) ACTUATE TECHNOLOGY LTD (11) AU-A-2022360764 (21) 2022360764 (22) 07.10.2022 (54) DRUG DELIVERY DEVICE (51) Int. Cl. A61M 5/142 (2006.01) A61M 5/20 (2006.01) A61M 5/31 (2006.01) A61M 5/315 (2006.01) A61M 5/32 (2006.01) (87) WO2023/057773 (31) 2114436.5 (32) 08.10.21 (33) GB 2208764.7 15.06.22 GB (43) 13.04.2023 (72) PALMER-FELGATE, John (74) Wulff Partners Pty Ltd</p> <hr/> <p>(71) ADB SAFEGATE BV (11) AU-A-2022380736 (21) 2022380736 (22) 14.10.2022 (54) AIRFIELD GROUND LIGHT WITH INTEGRATED LIGHT CONTROLLER THAT EMPLOYS POWERLINE COMMUNICATIONS AND SENSORS (51) Int. Cl. H05B 47/21 (2020.01) F21V 31/00 (2006.01) H05B 45/18 (2020.01) H05B 45/58 (2020.01) H05B 47/23 (2020.01) (87) WO2023/081002 (31) 63/275,235 (32) 03.11.21 (33) US</p>
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C40B 40/10 (2006.01)
G16B 35/10 (2019.01)
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H01B 7/14 (2006.01)
H01B 7/42 (2006.01)
H02G 9/12 (2006.01)
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A61Q 19/02 (2006.01)
A61K 8/14 (2006.01)
A61K 8/64 (2006.01)
A61K 38/05 (2006.01)
A61K 38/08 (2019.01)
A61P 17/00 (2006.01)
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 (72) WIDGEROW, Alan David; GARRUTO, John A.
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C25C 3/08 (2006.01)
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 (72) LIU, Xinghua; MOSSER, Benjamin D.
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F27B 7/20 (2006.01)
C04B 7/43 (2006.01)
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F27B 7/32 (2006.01)
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H01Q 25/00 (2006.01)
H01Q 3/24 (2006.01)
H01Q 19/06 (2006.01)
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A61K 47/10 (2017.01)
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- G06V 10/82 (2022.01)
- G16H 30/20 (2018.01)
- G16H 30/40 (2018.01)
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- A23L 2/06 (2006.01)
- A23L 2/385 (2006.01)
- A23L 2/39 (2006.01)
- A23L 2/52 (2006.01)
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- A61K 36/185 (2006.01)
- A23L 2/04 (2006.01)
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- A61K 9/00 (2006.01)
- A61K 9/107 (2006.01)
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- C07D 231/56 (2006.01)
- A61K 31/416 (2006.01)
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- C07D 401/04 (2006.01)
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 C08K 3/22 (2006.01)
 C08K 3/26 (2006.01)
 C08K 3/34 (2006.01)
 C08K 9/02 (2006.01)
 C08K 9/10 (2006.01)
 C09D 7/61 (2018.01)
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 C12N 15/62 (2006.01)
 C07K 14/705 (2006.01)
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 C12N 9/22 (2006.01)
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 G07C 9/00 (2020.01)
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 A61K 31/505 (2006.01)
 A61K 45/06 (2006.01)
 A61K 48/00 (2006.01)
 A61P 21/00 (2006.01)
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 A61K 35/17 (2015.01)
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 H04B 10/071 (2013.01)
 A61B 5/00 (2006.01)
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G01N 29/02 (2006.01)
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C12N 5/0793 (2010.01)
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G21C 7/36 (2006.01)
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E21B 23/01 (2006.01)
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E21B 47/12 (2012.01)
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 (74) Patent Attorney Services
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E21B 34/06 (2006.01)
E21B 4/04 (2006.01)
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 (74) Patent Attorney Services
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 (54) HYDROSTATIC MODULE INTERLOCK, METHOD AND SYSTEM
 (51) Int. Cl.
E21B 33/04 (2006.01)
E21B 23/02 (2006.01)
- (87) WO2023/081597
 (31) 17/517,167 (32) 02.11.21 (33) US
 (43) 11.05.2023
 (72) CONNER, Nicholas S.; VISSOTSKI, Andrew John
 (74) Patent Attorney Services
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 (54) HEAT-INSULATION AND THERMAL-PRESERVATION WALL, AND MANUFACTURING METHOD AND INSTALLATION METHOD THEREFOR
 (51) Int. Cl.
E04C 2/288 (2006.01)
B23K 26/21 (2014.01)
B23K 26/70 (2014.01)
E04B 1/682 (2006.01)
E04B 1/684 (2006.01)
E04B 1/80 (2006.01)
E04C 2/292 (2006.01)
E04C 2/30 (2006.01)
- (87) WO2023/070923
 (31) 202111281479.7 (32) 01.11.21 (33) CN
 (43) 04.05.2023
 (72) BAO, Chengji
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 (54) HIGH-STRENGTH AND HIGH-HARDNESS REINFORCED WEAR-RESISTANT STEEL AND MANUFACTURING METHOD THEREFOR
 (51) Int. Cl.
C22C 38/18 (2006.01)
C21D 8/02 (2006.01)
C22C 33/04 (2006.01)
C22C 38/40 (2006.01)
- (87) WO2023/078299
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 (21) 2022376960 (22) 28.10.2022
 (54) BEAM STEERING AND DIRECTION FINDING FOR A DIFFERENTIALLY SEGMENTED APERTURE ANTENNA
 (51) Int. Cl.
H01Q 9/28 (2006.01)
H01Q 1/36 (2006.01)
H01Q 21/06 (2006.01)
H01Q 25/02 (2006.01)
 (87) WO2023/077045
 (31) 63/273,344 (32) 29.10.21 (33) US
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 (43) 04.05.2023
 (72) PERKINS, Daniel A.; WELSH, Raphael J.; THORNTON, Douglas A.; LAU, Jeffrey A.; LOESCH, Daniel G.; FEDORYKA, Damian B.; KANKE, Roger; PITTS, Shannon
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

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 (54) BEAM STEERING AND NULLING FOR A DIFFERENTIALLY SEGMENTED APERTURE ANTENNA
 (51) Int. Cl.
H01Q 9/28 (2006.01)
H01Q 17/00 (2006.01)
H01P 5/10 (2006.01)
H01Q 1/36 (2006.01)
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 (72) PERKINS, Daniel A.; WELSH, Raphael J.
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 (54) CIRCUIT ARCHITECTURES FOR A DIFFERENTIALLY SEGMENTED APERTURE ANTENNA
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H04B 1/40 (2015.01)
H01Q 21/06 (2006.01)
H01Q 23/00 (2006.01)
H04Q 1/44 (2006.01)
H04Q 3/28 (2006.01)
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 (54) DEVICE FOR GERMINATING, GROWING AND/OR PROPAGATING PLANTS
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A01G 9/029 (2018.01)
 (87) WO2023/062323
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 (72) BAUDOUIN, Eric
 (74) Griffith Hack

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 (54) VIRTUAL ASSISTANT/CHATBOT TO IMPROVE CLINICAL WORKFLOWS FOR HOME RENAL REPLACEMENT THERAPIES
 (51) Int. Cl.
G16H 20/00 (2018.01)
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C07D 239/70 (2006.01)
A61K 31/506 (2006.01)
A61P 35/00 (2006.01)
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 (43) 08.06.2023
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 (54) ANTI-MESOTHELIN NANOBODIES AND USE THEREOF
 (51) Int. Cl.
C07K 16/30 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C07K 19/00 (2006.01)
C12N 5/07 (2010.01)
C12N 15/11 (2006.01)
C12N 15/63 (2006.01)
G01N 33/577 (2006.01)
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 (43) 27.04.2023
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 (74) PHILLIPS ORMONDE FITZPATRICK

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 (54) DILATOR SHAFT DESIGN ENABLING TIP SHAPABILITY AND VARIABLE SHAFT FLEXIBILITY
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A61M 25/00 (2006.01)
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 (74) Griffith Hack

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 (54) NUCLEIC ACIDS ENCODING FACTOR VIII POLYPEPTIDES WITH REDUCED IMMUNOGENICITY
 (51) Int. Cl.
C07K 14/755 (2006.01)
A61K 38/00 (2006.01)
A61K 48/00 (2006.01)
A61P 7/04 (2006.01)
C12N 15/86 (2006.01)
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 (51) Int. Cl.
C12P 7/6445 (2022.01)
C07C 67/08 (2006.01)
C07C 69/52 (2006.01)
 (87) WO2023/076737
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 (74) GLMR

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F03B 13/18 (2006.01)
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 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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 (51) Int. Cl.
 F24S 10/00 (2018.01)
 F24S 10/30 (2018.01)
 F24S 20/20 (2018.01)
 F24S 23/00 (2018.01)
 F24S 50/40 (2018.01)
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 (74) Adrian M Trioli Patent and Trade Mark Attorney
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- (71) BODIT INC.
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 (21) 2022398862 (22) 29.11.2022
 (54) METHOD AND SYSTEM FOR SUPPORTING LABELING OF SENSOR DATA, AND NON-TRANSITORY COMPUTER-READABLE RECORDING MEDIUM
 (51) Int. Cl.
 G06V 20/70 (2022.01)
 G06N 20/00 (2019.01)
 G06V 20/80 (2022.01)
 G06V 40/10 (2022.01)
 G06V 40/20 (2022.01)
 (87) WO2023/096451
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 (72) SHIN, Min Yong; YOO, Heung Jong; CHOI, Yoon Chul; SHIN, Seong Jun; JEON, Jin Hong
 (74) FPA Patent Attorneys Pty Ltd
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 (21) 2022389886 (22) 18.10.2022
 (54) CURCUMIN COMPOSITIONS AND METHODS OF USE AS AN NK3 ANTAGONIST
 (51) Int. Cl.
 A61K 36/02 (2006.01)
 A61K 36/82 (2006.01)
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 (43) 25.05.2023
 (72) KOMOROWSKI, James R.; SYLLA, Sarah
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 (21) 2022406888 (22) 06.12.2022
 (54) METHODS AND SYSTEMS FOR MONITORING OR ASSESSING MOVEMENT DISORDERS OR OTHER PHYSIOLOGICAL PARAMETERS USING A STIMULATION SYSTEM
 (51) Int. Cl.
 A61N 1/372 (2006.01)
 A61B 5/11 (2006.01)
 A61B 5/00 (2006.01)
 A61N 1/36 (2006.01)
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 (54) IMPLANTABLE INFLATABLE DEVICE HAVING A FILTER
 (51) Int. Cl.
 A61F 2/26 (2006.01)
 A61F 2/00 (2006.01)
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 (11) AU-A-2022419990
 (21) 2022419990 (22) 20.12.2022
 (54) ELECTRONIC IMPLANTABLE PENILE PROSTHESIS WITH PRESSURE REGULATION AND OTHER FUNCTIONS
 (51) Int. Cl.
 A61F 2/26 (2006.01)
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- (71) BRIA ARTIFICIAL INTELLIGENCE LTD
 (11) AU-A-2022386790
 (21) 2022386790 (22) 09.11.2022
 (54) FACILITATING GENERATION AND USAGE OF VISUAL CONTENT
 (51) Int. Cl.
 G06V 10/82 (2022.01)
 G06N 3/0475 (2023.01)
 G06V 10/764 (2022.01)
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- (71) BRIDGESTONE AMERICAS, INC.
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 (54) MAGNETIC DRIVE-OVER SYSTEM PROVIDING TIRE PRESSURE MEASUREMENT
 (51) Int. Cl.
 G01L 17/00 (2006.01)
 G01B 7/04 (2006.01)
 G01M 17/02 (2006.01)
 B60C 23/00 (2006.01)
 (87) WO2023/076716
 (31) 63/274,121 (32) 01.11.21 (33) US
 (43) 04.05.2023
 (72) NOYCE, Steven; STANGLER, Michael
 (74) Patent Attorney Services
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- (71) BRIJ MEDICAL, INC.
 (11) AU-A-2022375718
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 (54) APPLICATOR TOOL CAPABLE OF USE WITH FORCE MODULATING TISSUE BRIDGE, AND ASSOCIATED SYSTEMS, METHODS AND KITS
 (51) Int. Cl.
 A61B 17/08 (2006.01)
 A61B 50/22 (2016.01)
 A61B 50/33 (2016.01)
 A61B 90/53 (2016.01)
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 (43) 04.05.2023
 (72) EAVES, Felmont, F.; KNIGHT, Gary, W.; HOOD, Jacob, E.
 (74) FPA Patent Attorneys Pty Ltd
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 (11) AU-A-2022359782
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 (54) IMPACT RING AND IMPROVED DEHULLING DEVICE
 (51) Int. Cl.
 B02B 3/00 (2006.01)
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 (43) 13.04.2023
 (72) ROHNER, Marcel; VAZQUEZ RAMIREZ, Moises; SIGNER, Ulrich; STUDERUS, Lukas
 (74) Maxwells Patent & Trade Mark Attorneys Pty Ltd
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- (71) BYD COMPANY LIMITED
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 (21) 2022425053 (22) 13.12.2022
 (54) LITHIUM SORBENT, PREPARATION METHOD FOR LITHIUM SORBENT, AND SALT LAKE LITHIUM EXTRACTION METHOD
 (51) Int. Cl.
 B01J 20/04 (2006.01)
 B01J 20/08 (2006.01)
 C02F 1/28 (2023.01)

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(43) 06.07.2023
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(74) Integrated IP
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(54) ANTI-ACTIVIN A ANTIBODIES, COMPOSITIONS AND USES THEREOF
(51) Int. Cl.
C07K 16/22 (2006.01)
A61P 35/00 (2006.01)
A61P 43/00 (2006.01)
(87) WO2023/069421
(31) 63/257,067 **(32)** 18.10.21 **(33)** US
(43) 27.04.2023
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(54) CRYSTALLINE TRYPTAMINE COMPOUNDS
(51) Int. Cl.
A61K 31/4045 (2006.01)
A61K 31/404 (2006.01)
A61P 25/18 (2006.01)
A61P 25/26 (2006.01)
A61P 25/28 (2006.01)
C07D 209/04 (2006.01)
C07D 209/16 (2006.01)
(87) WO2023/064840
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(43) 20.04.2023
(72) CHADEAYNE, Andrew, R.
(74) ALLENS PATENT & TRADE MARK ATTORNEYS
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- (71)** CAPITAL ONE SERVICES, LLC.
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(54) AUTOFILLING DATA BASED ON ACCOUNT AUTHENTICATION USING A CONTACTLESS CARD
(51) Int. Cl.
G06Q 20/32 (2012.01)
G06Q 20/34 (2012.01)
G06Q 20/40 (2012.01)
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(31) 17/530,837 **(32)** 19.11.21 **(33)** US
(43) 25.05.2023
(72) RULE, Jeffrey; LUTZ, Wayne
(74) GLMR
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- (71)** CARBIOS
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(21) 2022389028 **(22)** 15.11.2022
(54) ESTERASES AND USES THEREOF
(51) Int. Cl.
C12N 9/18 (2006.01)
C08J 11/10 (2006.01)
C12N 15/52 (2006.01)
(87) WO2023/088908
(31) 21306589.9 **(32)** 16.11.21 **(33)** EP
(43) 25.05.2023
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(74) Spruson & Ferguson
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- (71)** CARBIOS
(11) AU-A-2022389307
(21) 2022389307 **(22)** 15.11.2022
(54) USE OF ESTERASES
(51) Int. Cl.
C12N 9/18 (2006.01)
C08J 11/10 (2006.01)
C09J 201/00 (2006.01)
(87) WO2023/088910
(31) 21306591.5 **(32)** 16.11.21 **(33)** EP
(43) 25.05.2023
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(74) Spruson & Ferguson
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- (71)** CARBONCURE TECHNOLOGIES INC.
(11) AU-A-2022364803
(21) 2022364803 **(22)** 12.10.2022
(54) COMPOSITIONS AND METHODS UTILIZING ALTERNATIVE SOURCES OF CARBON DIOXIDE FOR SEQUESTRATION
(51) Int. Cl.
C04B 40/02 (2006.01)
B01D 53/62 (2006.01)
C04B 20/02 (2006.01)
C04B 22/10 (2006.01)
C10G 2/00 (2006.01)
C12M 1/00 (2006.01)
C12M 1/107 (2006.01)
(87) WO2023/064403
(31) 63/254,633 **(32)** 12.10.21 **(33)** US
63/320,729 17.03.22 US
(43) 20.04.2023
(72) LEIST, Casey James; FORGERON, Dean Paul; NIVEN, Robert; MONKMAN, George Sean
(74) WRAYS PTY LTD
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- (71)** CARL FREUDENBERG KG
(11) AU-A-2022405687
(21) 2022405687 **(22)** 08.12.2022
(54) MEMBRANE-ELECTRODE ASSEMBLY WITH SEALED FRAME
(51) Int. Cl.
H01M 8/0273 (2016.01)
H01M 8/1004 (2016.01)
H01M 8/2483 (2016.01)
H01M 8/10 (2016.01)
(87) WO2023/104970
(31) 10 2021 132 696.6 **(32)** 10.12.21 **(33)** DE
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(72) QUICK, Christian; WAHLE, Pascal; HENGGE, Katharina; JURZINSKY, Tilman; MACK, Florian; RANGARAJAN, Ashwin
(74) Halfords IP
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- (71)** CARL ZEISS VISION INTERNATIONAL GMBH
(11) AU-A-2022383427
(21) 2022383427 **(22)** 02.11.2022
(54) SPECTACLE LENS AND METHOD FOR MANUFACTURING A SPECTACLE LENS
(51) Int. Cl.
G02B 5/23 (2006.01)
G02C 7/10 (2006.01)
(87) WO2023/078882
(31) 21206970.2 **(32)** 08.11.21 **(33)** EP
(43) 11.05.2023
(72) WOLFF, Christian; ELLENRIEDER, Marc
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71)** CASCO SIGNAL LTD.
(11) AU-A-2022405241
(21) 2022405241 **(22)** 09.11.2022
(54) METHOD FOR COMPILING MULTI-DEPOT COORDINATED URBAN RAIL TRANSIT DEPARTING/GARAGING OPERATION LINES
(51) Int. Cl.
B61L 27/10 (2022.01)
(87) WO2023/103698
(31) 202211490452.9 **(32)** 08.12.21 **(33)** CN
(43) 15.06.2023
(72) LIU, Fengbo; CAI, Jingpeng; ZHOU, Tingliang; QIAN, Jiang; YAN, Honghui
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71)** CATALOG TECHNOLOGIES, INC.
(11) AU-A-2022390024
(21) 2022390024 **(22)** 18.11.2022
(54) NUCLEIC ACID STORAGE FOR BLOCKCHAIN AND NON-FUNGIBLE TOKENS
(51) Int. Cl.
H04L 9/00 (2022.01)
G11C 13/00 (2006.01)
G16B 30/00 (2019.01)
G16B 50/00 (2019.01)
(87) WO2023/091683
(31) 63/281,395 **(32)** 19.11.21 **(33)** US
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(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71)** CATERPILLAR GLOBAL MINING EQUIPMENT LLC
(11) AU-A-2022380758
(21) 2022380758 **(22)** 01.11.2022
(54) EXTENDED RANGE OF FUEL CELL MACHINE
(51) Int. Cl.

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B60K 15/03 (2006.01)
B60K 35/00 (2006.01)
B60L 58/40 (2019.01)
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E02F 9/20 (2006.01)
E02F 9/26 (2006.01)
G01S 19/51 (2010.01)
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B60S 5/00 (2006.01)
B60L 53/14 (2019.01)
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G06Q 10/20 (2023.01)
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E02F 9/02 (2006.01)
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B60L 53/10 (2019.01)
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C07K 16/18 (2006.01)
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A61N 5/00 (2006.01)
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C12N 5/14 (2006.01)
C12N 1/12 (2006.01)
C12N 1/14 (2006.01)
C12N 1/20 (2006.01)
C12N 15/52 (2006.01)
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C12N 9/10 (2006.01)
C12N 9/02 (2006.01)
C12N 9/88 (2006.01)
C12P 7/22 (2006.01)
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C07K 16/28 (2006.01)
A61P 35/00 (2006.01)
C07K 16/30 (2006.01)
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G16B 20/10 (2019.01)
G16H 50/30 (2018.01)
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F25J 1/00 (2006.01)
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C07K 1/02 (2006.01)
C07B 61/00 (2006.01)
C07C 227/18 (2006.01)
A61K 38/12 (2006.01)
A61P 35/00 (2006.01)
C07C 229/00 (2006.01)
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C07D 217/06 (2006.01)
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A61K 31/4725 (2006.01)
A61K 31/5377 (2006.01)
A61K 31/5386 (2006.01)
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A61P 11/00 (2006.01)
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C08L 23/08 (2006.01)
C08J 9/00 (2006.01)
C08K 5/103 (2006.01)
C08K 5/134 (2006.01)
C08K 5/526 (2006.01)
C08L 35/00 (2006.01)
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C07D 487/04 (2006.01)
A61K 31/497 (2006.01)
A61P 35/00 (2006.01)
C07D 241/02 (2006.01)

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A23L 5/10 (2016.01)
A23L 3/36 (2006.01)
B65B 25/00 (2006.01)
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A61N 1/40 (2006.01)
A61N 1/02 (2006.01)
A61N 1/06 (2006.01)
A61N 1/08 (2006.01)
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A61K 8/37 (2006.01)
A61K 8/42 (2006.01)
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A61K 8/46 (2006.01)
A61K 8/60 (2006.01)
A61K 8/89 (2006.01)
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CHINE
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B26D 7/26 (2006.01)
B26F 1/38 (2006.01)
B26F 1/44 (2006.01)
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B26F 1/38 (2006.01)
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G01N 21/19 (2006.01)
G01S 17/894 (2020.01)
G06F 16/50 (2019.01)
G06T 7/521 (2017.01)
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A23L 27/60 (2016.01)
A23C 11/10 (2021.01)
A23J 1/14 (2006.01)
A23J 3/14 (2006.01)
A23L 11/50 (2021.01)
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 (51) Int. Cl.
A01N 47/06 (2006.01)
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A01P 13/00 (2006.01)
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 A61K 47/68 (2017.01)
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F25B 1/00 (2006.01)
F25B 3/00 (2006.01)
F28D 11/04 (2006.01)
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A47L 11/38 (2006.01)
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A61P 25/28 (2006.01)
C07D 215/42 (2006.01)
C07D 215/44 (2006.01)
C07D 221/08 (2006.01)
C07D 233/61 (2006.01)
C07D 239/94 (2006.01)
C07D 401/12 (2006.01)
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 H01Q 1/42 (2006.01)
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 H01Q 19/00 (2006.01)
 H01Q 19/06 (2006.01)
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A61K 31/437 (2006.01)
A61K 31/496 (2006.01)
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A61P 35/00 (2006.01)
C07D 471/04 (2006.01)
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B09B 3/40 (2022.01)
C02F 11/13 (2019.01)
C04B 35/622 (2006.01)
C04B 35/626 (2006.01)
F23G 5/30 (2006.01)
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A61P 11/00 (2006.01)
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A61K 31/45 (2006.01)
A61P 35/00 (2006.01)
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B23P 15/00 (2006.01)
B29C 65/00 (2006.01)
B32B 23/00 (2006.01)
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B64G 1/10 (2006.01)
B64G 1/66 (2006.01)
H04B 7/00 (2006.01)
B64G 3/00 (2006.01)
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A61B 17/70 (2006.01)
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A61B 17/80 (2006.01)
G01N 27/72 (2006.01)
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G01N 33/569 (2006.01)
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OF
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A61K 31/437 (2006.01)
A61K 31/4985 (2006.01)
A61K 31/5025 (2006.01)
A61K 31/519 (2006.01)
A61P 35/00 (2006.01)
C07D 487/04 (2006.01)
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(54) METHOD FOR PREPARING LITHI-
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POUND
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C01D 15/02 (2006.01)
C01D 1/22 (2006.01)
C01D 1/28 (2006.01)
C01D 1/42 (2006.01)
C01D 15/08 (2006.01)
C01F 11/00 (2006.01)
C01F 11/06 (2006.01)
C01F 11/16 (2006.01)
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B01J 21/04 (2006.01)
B01J 23/16 (2006.01)
B01J 35/60 (2024.01)
C10K 3/02 (2006.01)
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HANBURY, Orion
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FOR THE CONVERSION OF CARBON
DIOXIDE AND HYDROGEN TO SYN-
GAS
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C01B 3/32 (2006.01)
B01J 8/06 (2006.01)
C10K 3/02 (2006.01)
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RODRIGUEZ, Ramer
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CESS TO REDUCE FEEDSTOCK
COSTS
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C07C 1/12 (2006.01)
C01B 3/40 (2006.01)
G05B 13/02 (2006.01)
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McGINNIS, Glenn; MATTANA, Alex
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METHOD
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C01C 1/04 (2006.01)
C01C 1/02 (2006.01)
C25B 1/04 (2021.01)
C25B 1/27 (2021.01)
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SQUAMOUS INTRAEPITHELIAL LE-
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(51) Int. Cl.
A61K 39/12 (2006.01)
A61P 35/00 (2006.01)
C12N 15/85 (2006.01)
C12N 15/37 (2006.01)
C12N 15/62 (2006.01)
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(54) SMALL MOLECULE INHIBITORS OF
UBIQUITIN SPECIFIC PROTEASE 1
(USP1) AND USES THEREOF
(51) Int. Cl.
C07D 417/14 (2006.01)
A61K 31/519 (2006.01)
A61P 35/00 (2006.01)
C07D 273/00 (2006.01)
C07D 291/08 (2006.01)
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C07D 487/04 (2006.01)
A61K 31/519 (2006.01)
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C07D 473/00 (2006.01)
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 (51) Int. Cl.
H04W 28/02 (2009.01)
H04L 47/41 (2022.01)
H04L 65/401 (2022.01)
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H04W 60/04 (2009.01)
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H04W 52/02 (2009.01)
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A61P 27/02 (2006.01)
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A61K 38/17 (2006.01)
C12Q 1/6874 (2018.01)
G01N 33/68 (2006.01)
A61P 29/00 (2006.01)
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A61B 5/145 (2006.01)
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A61B 5/155 (2006.01)
G16H 50/20 (2018.01)
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 (54) BCMA-TARGETED CAR-T CELL THERAPY FOR MULTIPLE MYELOMA
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C07K 16/28 (2006.01)
A61K 39/00 (2006.01)
A61P 35/00 (2006.01)
C07K 14/705 (2006.01)
C07K 14/725 (2006.01)
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 (54) IMIDAZOPYRIDAZINE IL-17 INHIBITOR COMPOUNDS
 (51) Int. Cl.

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(51) Int. Cl.
C07D 487/04 (2006.01)
A61K 31/5025 (2006.01)
A61P 17/06 (2006.01)
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A61P 29/00 (2006.01)
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G08G 1/01 (2006.01)
G06V 20/54 (2022.01)
G08G 1/015 (2006.01)
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C07D 401/14 (2006.01)
A61K 51/04 (2006.01)
C07F 5/00 (2006.01)
C07F 5/06 (2006.01)
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(54) AMIDE-FUNCTIONALIZED POLYMERIZATION INITIATORS AND THEIR USE IN THE MANUFACTURE OF OPHTHALMIC LENSES
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C08F 2/48 (2006.01)
C08F 126/10 (2006.01)
C08F 271/02 (2006.01)
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B29D 11/00 (2006.01)
G02B 1/04 (2006.01)
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C07F 9/53 (2006.01)
B29C 35/00 (2006.01)
C08F 220/00 (2006.01)
C08G 77/00 (2006.01)
C08L 43/00 (2006.01)
G02B 1/00 (2006.01)
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(51) Int. Cl.
H01R 39/10 (2006.01)
H01R 24/58 (2011.01)
H01R 13/11 (2006.01)
H01R 103/00 (2006.01)
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H02G 15/18 (2006.01)
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C02F 1/28 (2023.01)
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B01J 20/30 (2006.01)
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C02F 1/28 (2023.01)
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C07K 16/28 (2006.01)
A61K 9/00 (2006.01)
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 (54) BEVERAGE, AND METHOD FOR PRODUCING SAME
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A23L 2/38 (2021.01)
A23C 9/152 (2006.01)
A23L 33/135 (2016.01)
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A61K 39/00 (2006.01)
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 (74) FPA Patent Attorneys Pty Ltd

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 (54) ANTIFOGGING AGENT COMPOSITION
 (51) Int. Cl.
C09K 3/00 (2006.01)
C09K 3/18 (2006.01)
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 (51) Int. Cl.
G06Q 50/06 (2012.01)
F17C 13/02 (2006.01)
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C12N 15/113 (2010.01)
A61K 31/712 (2006.01)
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 (54) BACKGROUND LIGHTING DEVICE FOR ELECTROSTATIC BUTTON AND METHOD FOR CONTROLLING SAME
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G06F 3/039 (2013.01)
H01H 36/00 (2006.01)
 (87) WO2023/075119
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 (72) PARK, Sung Jun
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

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 (54) BUTTON DEVICE ATTACHABLE TO TOUCH SCREEN
 (51) Int. Cl.
G06F 3/039 (2013.01)
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 (51) Int. Cl.
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B24D 11/00 (2006.01)
B24D 3/30 (2006.01)
B24D 11/02 (2006.01)
B32B 5/16 (2006.01)
C09K 3/14 (2006.01)
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C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C07K 16/46 (2006.01)
C12N 15/13 (2006.01)
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C01C 1/04 (2006.01)
C25B 1/04 (2021.01)
F25J 3/04 (2006.01)
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A61K 38/40 (2006.01)
A61L 15/20 (2006.01)
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G06Q 30/0272 (2023.01)
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C25B 15/023 (2021.01)
C25B 15/08 (2006.01)
F03G 7/00 (2006.01)
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G06N 20/00 (2019.01)
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A61K 51/12 (2006.01)
A61P 15/08 (2006.01)
C12N 5/078 (2010.01)
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B01D 63/02 (2006.01)
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A61K 35/30 (2015.01)
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A61K 31/427 (2006.01)
A61P 31/04 (2006.01)
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 C05F 5/00 (2006.01)
 C05F 11/08 (2006.01)
 C05F 17/20 (2020.01)
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 C02F 1/78 (2023.01)
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 B01F 27/80 (2022.01)
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 B02C 4/40 (2006.01)
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 C12M 1/42 (2006.01)
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 G01N 21/64 (2006.01)
 G02B 6/124 (2006.01)
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 C12N 1/19 (2006.01)
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 C12N 15/52 (2006.01)
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 C12N 9/10 (2006.01)
 C12N 1/14 (2006.01)
 C12N 9/12 (2006.01)
 C12N 9/88 (2006.01)
 C12N 15/52 (2006.01)
 C12N 15/63 (2006.01)
 C12N 15/70 (2006.01)
 C12P 17/10 (2006.01)
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 G01F 1/84 (2006.01)
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A61P 19/02 (2006.01)
G01N 33/50 (2006.01)
(87) WO2023/060322
(31) 2021903310 (32) 14.10.21 (33) AU
(43) 20.04.2023
(72) BATEMAN, John; LAMANDÉ, Shireen; NG, Elizabeth
(74) Spruson & Ferguson
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- (71) MYORI SERVICES SDN. BHD.
(11) AU-A-2022382680
(21) 2022382680 (22) 03.11.2022
(54) SYSTEMS AND METHODS FOR PROVIDING AN INTEGRATED PLATFORM FOR SECURE PRODUCT LABELLING, VERIFICATION, AND ENFORCEMENT
(51) Int. Cl.
G06Q 30/00 (2023.01)
G06K 7/10 (2006.01)
G06K 7/14 (2006.01)
G06K 19/06 (2006.01)
G09F 3/02 (2006.01)
(87) WO2023/080773
(31) PI2021006668 (32) 08.11.21 (33) MY
(43) 11.05.2023
(72) LING, Ken Ji; ABDUL RAHAMAN, Zul Imran; MOKHTAR, Ahmad Fuad
(74) Admiral Trademarks & Patents Services
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- (71) NANO COMPOSITE PRODUCTS
(11) AU-A-2022377663
(21) 2022377663 (22) 01.11.2022
(54) SYSTEMS AND METHODS FOR DUAL-FUNCTION FOAM PRESSURE SENSORS
(51) Int. Cl.
H10N 30/30 (2023.01)
G01B 7/16 (2006.01)
G01L 1/06 (2006.01)
G01L 1/16 (2006.01)
G01L 1/18 (2006.01)
G01L 1/22 (2006.01)
H10N 30/85 (2023.01)
(87) WO2023/077168
(31) 63/263,369 (32) 01.11.21 (33) US
(43) 04.05.2023
(72) MERRELL, Aaron Jake; CHRISTENSEN, Trevor Emil; SUNDET, Jake Duane; JENSEN, Ian Matthew; TREE, Maxwell
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) NANO COMPOSITE PRODUCTS, INC.
(11) AU-A-2022360353
(21) 2022360353 (22) 05.10.2022
(54) IMPACT APPARATUS WITH REAL-TIME FEEDBACK
(51) Int. Cl.
G01L 1/16 (2006.01)
G01L 1/18 (2006.01)
A61B 5/103 (2006.01)
(87) WO2023/060143
(31) 63/262,121 (32) 05.10.21 (33) US
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- (43) 13.04.2023
(72) MERRELL, Aaron Jake; CHRISTENSEN, Trevor Emil; SUNDET, Jake Duane; JENSEN, Ian Matthew; TREE, Maxwell
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY
(11) AU-A-2022380293
(21) 2022380293 (22) 25.10.2022
(54) UNIT AND METHOD FOR PRODUCING AMMONIA, AND CATALYST MATERIAL
(51) Int. Cl.
C01C 1/02 (2006.01)
B01J 23/58 (2006.01)
B01J 23/63 (2006.01)
(87) WO2023/080022
(31) 2021-181476 (32) 05.11.21 (33) JP
(43) 11.05.2023
(72) TOMITA Atsuko; WAKABAYASHI Ryutarou; KIMURA Tatsuo
(74) Griffith Hack
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- (71) NATIONAL OILWELL VARCO, L.P.
(11) AU-A-2022361909
(21) 2022361909 (22) 28.09.2022
(54) AUTONOMOUS ALONG STRING MEASUREMENT TOOL
(51) Int. Cl.
E21B 47/024 (2006.01)
E21B 47/12 (2012.01)
E21B 47/13 (2012.01)
(87) WO2023/064678
(31) 63/262,364 (32) 11.10.21 (33) US
(43) 20.04.2023
(72) NELSON, Christian; MURALI, Swathi; KOOTTUNGAL, Paul, D.; DURKOWSKI, Anthony
(74) Griffith Hack
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- (71) NAVIRE PHARMA, INC.; BRISTOL-MYERS SQUIBB COMPANY
(11) AU-A-2022358409
(21) 2022358409 (22) 30.09.2022
(54) COMBINATION THERAPY USING A PTPN11 INHIBITOR AND A KRAS G12C INHIBITOR
(51) Int. Cl.
A61K 31/438 (2006.01)
A61K 31/513 (2006.01)
A61K 31/519 (2006.01)
A61P 35/00 (2006.01)
(87) WO2023/056020
(31) 63/250,883 (32) 30.09.21 (33) US
(43) 06.04.2023
(72) BELTRAN, Pedro; DAMBKOWSKI, Carl; LIM, Justin; WADE, Anna; WAL-LACE, Eli; SUN, Yuting; KOHL, Nancy; MEYERS, Brooke; SINKEVICIUS, Kerstin; STICE, James; VAN VEEN-HUYZEN, David; WOOD, Lauren; TWYMAN-SAINT VICTOR, Christina; DING, Lina; MORRIS, Erick; LIU, Yu; MEYER, Matthew
(74) Griffith Hack

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<p>(71) NAVIRE PHARMA, INC.; BRIDGEBIO SERVICES, INC.; AMGEN INC. (11) AU-A-2022358413 (21) 2022358413 (22) 30.09.2022 (54) COMBINATION THERAPY USING SUBSTITUTED PYRIMIDIN-4(3H)-ONES AND SOTORASIB (51) Int. Cl. A61K 31/438 (2006.01) A61K 31/513 (2006.01) A61K 31/519 (2006.01) A61P 35/00 (2006.01) (87) WO2023/056037 (31) 63/250,883 (32) 30.09.21 (33) US (43) 06.04.2023 (72) BELTRAN, Pedro; DAMBKOWSKI, Carl; LIM, Justin; WADE, Anna; WALLACE, Eli; SUN, Yuting; KOHL, Nancy; MEYERS, Brooke; SINKEVICIUS, Kerstin; STICE, James; VAN VEENHUYZEN, David; WOOD, Lauren (74) Griffith Hack</p>	<p>(43) 22.06.2023 (72) ASHRAFZADEH, Ali; DODD, Steven Witt; JACKSON, Kimberley Anne; KANESHIRO, Stacey Masaaki; KLEKOTKA, Paul Alan; KOTZIN, Brian Leslie; SCHMITZ, Carsten; ZALEVSKY, Jonathan (74) Griffith Hack</p>	<p>C09B 29/036 (2006.01) C12N 9/12 (2006.01) C12Q 1/48 (2006.01) G01N 33/84 (2006.01) (87) WO2023/076772 (31) 63/263,361 (32) 01.11.21 (33) US 63/263,364 01.11.21 US 17/661,954 04.05.22 US 63/364,115 04.05.22 US (43) 04.05.2023 (72) TANNER, Nathan; CORREA, Ivan, R., Jr.; ZHANG, Yinhua; ALPASLAN, Ece (74) Davies Collison Cave Pty Ltd</p>
<p>(71) NAVIRE PHARMA, INC. (11) AU-A-2022360835 (21) 2022360835 (22) 06.10.2022 (54) SUBSTITUTED PYRIMIDIN-4(3H)-ONES FOR USE IN TREATING CANCER (51) Int. Cl. A61K 31/513 (2006.01) A61P 35/00 (2006.01) (87) WO2023/059785 (31) 63/252,970 (32) 06.10.21 (33) US 63/330,529 13.04.22 US (43) 13.04.2023 (72) BELTRAN, Pedro; DAMBKOWSKI, Carl; LIM, Justin; SINKEVICIUS, Kerstin; WADE, Anna; WALLACE, Eli; WOOD, Lauren; VAN VEENHUYZEN, David; WEN, Susanna (74) Griffith Hack</p>	<p>(71) NETSCOUT SYSTEMS, INC. (11) AU-A-2022387364 (21) 2022387364 (22) 28.10.2022 (54) CORRELATING CAPTURED PACKETS WITH SYNTHETIC APPLICATION TESTING (51) Int. Cl. G06F 11/30 (2006.01) G06F 11/07 (2006.01) G06F 11/34 (2006.01) H04L 43/50 (2022.01) (87) WO2023/086223 (31) 63/278,909 (32) 12.11.21 (33) US (43) 19.05.2023 (72) LEE, Timothy Robert; VOGT, Robert Alan (74) Spruson & Ferguson</p>	<p>(71) NEXTRACKER LLC (11) AU-A-2022378624 (21) 2022378624 (22) 27.10.2022 (54) FASTENING ASSEMBLY FOR SOLAR POWER SYSTEMS AND TOOLS THEREOF (51) Int. Cl. B65D 3/00 (2006.01) B65D 3/02 (2006.01) B65D 3/06 (2006.01) E04B 1/41 (2006.01) F24S 25/16 (2018.01) F24S 25/60 (2018.01) F24S 25/61 (2018.01) (87) WO2023/076526 (31) 63/272,664 (32) 27.10.21 (33) US (43) 04.05.2023 (72) DELGADO-NANEZ, Ricardo (74) Clark Intellectual Property Pty Ltd</p>
<p>(71) NEKTAR THERAPEUTICS; ELI LILLY AND COMPANY (11) AU-A-2022414070 (21) 2022414070 (22) 14.12.2022 (54) DOSING REGIMENS FOR SELECTIVE TREG STIMULATOR RUR20KD-IL-2 AND RELATED COMPOSITIONS (51) Int. Cl. A61K 38/20 (2006.01) A61K 47/60 (2017.01) A61P 1/00 (2006.01) A61P 3/10 (2006.01) A61P 11/06 (2006.01) A61P 17/06 (2006.01) A61P 37/02 (2006.01) A61P 37/06 (2006.01) A61P 37/08 (2006.01) (87) WO2023/114833 (31) 63/289,371 (32) 14.12.21 (33) US 63/323,126 24.03.22 US 63/325,923 31.03.22 US 63/343,505 18.05.22 US 63/374,632 06.09.22 US</p>	<p>(71) NEURO-BIO LTD (11) AU-A-2022354161 (21) 2022354161 (22) 20.09.2022 (54) SKIN BIOMARKER (51) Int. Cl. G01N 33/68 (2006.01) (87) WO2023/052742 (31) 2113941.5 (32) 29.09.21 (33) GB (43) 06.04.2023 (72) GREENFIELD, Susan; HARCUP, Jason (74) AJ PARK</p>	<p>(71) NICOVENTURES TRADING LIMITED (11) AU-A-2022383571 (21) 2022383571 (22) 12.10.2022 (54) FEEDBACK PROVISION SYSTEM COMPRISING AN AEROSOL PROVISION SYSTEM AND A HEARING AID (51) Int. Cl. A24F 40/60 (2020.01) A24F 40/65 (2020.01) A61M 15/06 (2006.01) G16H 40/60 (2018.01) H04R 25/00 (2006.01) H04W 4/80 (2018.01) (87) WO2023/079261 (31) 17/453,691 (32) 05.11.21 (33) US (43) 11.05.2023 (72) LUKAN, Sean (74) Spruson & Ferguson</p>
<p>(71) NEUROSENSE THERAPEUTICS LTD. (11) AU-A-2022370513 (21) 2022370513 (22) 18.10.2022 (54) COMPOSITIONS COMPRISING CIPROFLOXACIN AND CELECOXIB (51) Int. Cl. A61K 31/415 (2006.01) A61K 31/47 (2006.01) A61K 47/38 (2006.01) A61P 25/00 (2006.01) (87) WO2023/067592 (31) 63/257,130 (32) 19.10.21 (33) US (43) 27.04.2023 (72) BEN NOON, Alon; STERLING, Jeffrey; YACOBY-ZEEVI, Oron; COHEN VERED, Sharon (74) SR Intellectual Property</p>	<p>(71) NEW ENGLAND BIOLABS, INC. (11) AU-A-2022375741 (21) 2022375741 (22) 21.09.2022 (54) COMPOSITIONS AND METHODS FOR DETECTING PYROPHOSPHATE PRODUCTS OF ENZYME REACTIONS USING PYRIDYLAZOANILINE DYES (51) Int. Cl. G01N 33/52 (2006.01)</p>	<p>(71) NICOVENTURES TRADING LIMITED (11) AU-A-2022395906 (21) 2022395906 (22) 08.11.2022 (54) DISPLAY FOR AEROSOL-PROVISION DEVICE AND SYSTEM (51) Int. Cl. A24F 40/60 (2020.01) G09G 3/00 (2006.01) (87) WO2023/094791 (31) 2117068.3 (32) 26.11.21 (33) GB (43) 01.06.2023 (72) AL-AMIN, Mohammed; WOODCOCK, Dominic (74) Spruson & Ferguson</p>

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(71) NICOVENTURES TRADING LIMITED
 (11) AU-A-2022396775
 (21) 2022396775 (22) 08.11.2022
 (54) DISPLAY CONTROL FOR AN AERO-SOL-GENERATING DEVICE
 (51) Int. Cl.
A24F 40/60 (2020.01)
G06F 1/3231 (2019.01)
G06F 1/3234 (2019.01)
 (87) WO2023/094790
 (31) 2117070.9 (32) 26.11.21 (33) GB
 (43) 01.06.2023
 (72) AL-AMIN, Mohammed; RUSHFORTH, David
 (74) Spruson & Ferguson

(71) NISSHIN FLOUR MILLING INC.
 (11) AU-A-2022380302
 (21) 2022380302 (22) 28.10.2022
 (54) METHOD FOR MANUFACTURING INSTANT NOODLES TO BE RECONSTITUTED WITH WATER
 (51) Int. Cl.
A23L 7/113 (2016.01)
A23L 7/109 (2016.01)
 (87) WO2023/080067
 (31) 2021-179206 (32) 02.11.21 (33) JP
 (43) 11.05.2023
 (72) AKIKUSA, Shingo; YAMADA, Minori; NAGAI, Takao; TSUDA, Yasuyuki; ISONO, Yoko
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) NISSHIN FLOUR MILLING INC.
 (11) AU-A-2022383472
 (21) 2022383472 (22) 28.10.2022
 (54) METHOD FOR MANUFACTURING INSTANT NOODLES TO BE RECONSTITUTED WITH WATER
 (51) Int. Cl.
A23L 7/113 (2016.01)
A23L 7/109 (2016.01)
 (87) WO2023/080068
 (31) 2021-179207 (32) 02.11.21 (33) JP
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 (72) AKIKUSA, Shingo; YAMADA, Minori; NAGAI, Takao; TSUDA, Yasuyuki
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) NITROGAS AS
 (11) AU-A-2022407959
 (21) 2022407959 (22) 05.12.2022
 (54) METHOD AND A SYSTEM FOR REDUCING CORROSIVE ENVIRONMENT FOR A PIPELINE
 (51) Int. Cl.
F16L 58/00 (2006.01)
F16L 59/12 (2006.01)
 (87) WO2023/106925
 (31) 20211477 (32) 08.12.21 (33) NO
 (43) 15.06.2023
 (72) HØILAND, Geir Magne
 (74) James & Wells Intellectual Property

(71) NORTHWESTERN UNIVERSITY
 (11) AU-A-2022395048
 (21) 2022395048 (22) 17.11.2022

(54) SPHERICAL NUCLEIC ACIDS FOR CGAS-STING AND STAT3 PATHWAY MODULATION FOR THE IMMUNOTHERAPEUTIC TREATMENT OF CANCER
 (51) Int. Cl.
C12N 15/117 (2010.01)
A61P 35/00 (2006.01)
A61P 37/02 (2006.01)
A61P 37/04 (2006.01)
 (87) WO2023/092040
 (31) 63/280,499 (32) 17.11.21 (33) US
 (43) 25.05.2023
 (72) STEGH, Alexander, H.; MIRKIN, Chad, A.; MAHAJAN, Akanksha, Sanjay; TE-PLENSKY, Michelle, Hope; PARK, Jungsoo; VASHER, Matthew Kuo; SINEGRA, Andrew Joseph
 (74) WRAYS PTY LTD

(71) NOVEL MICRODEVICES, INC.
 (11) AU-A-2022375736
 (21) 2022375736 (22) 01.11.2022
 (54) APPARATUS FOR CONTROLLING ASSAY PROCESSES IN A SAMPLE-TO-ANSWER DEVICE AND METHOD OF USE THEREOF
 (51) Int. Cl.
B01L 9/00 (2006.01)
B01L 1/00 (2006.01)
B01L 3/00 (2006.01)
C12Q 1/6806 (2018.01)
C12Q 1/6851 (2018.01)
G01N 35/04 (2006.01)
 (87) WO2023/076747
 (31) 63/274,507 (32) 01.11.21 (33) US
 63/274,510 01.11.21 US
 (43) 04.05.2023
 (72) PAIS, Rohan; PAIS, Andrea; CAMPBELL, David; GRZANKA, Andrew; ZAKIELARZ, Sean; NISBETT, Trevorne; JODA, Hamdi
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) NOVEL MICRODEVICES, INC.
 (11) AU-A-2022378707
 (21) 2022378707 (22) 01.11.2022
 (54) APPARATUS FOR CONTAINING AND DISPENSING REAGENT INTO A MICROFLUIDIC CARTRIDGE FOR USE IN POINT-OF-CARE DEVICES
 (51) Int. Cl.
G01N 35/10 (2006.01)
A61J 1/06 (2006.01)
A61J 1/20 (2006.01)
B01L 3/00 (2006.01)
B65B 29/10 (2006.01)
B65B 47/04 (2006.01)
 (87) WO2023/076748
 (31) 63/274,502 (32) 01.11.21 (33) US
 (43) 04.05.2023
 (72) PAIS, Rohan; PAIS, Andrea; FITZELL, John; GRZANKA, Andrew; CAMPBELL, David; ZAKIELARZ, Sean
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(71) NR ELECTRIC CO., LTD; NR ENGINEERING CO., LTD; NR ELECTRIC POWER ELECTRONICS CO., LTD.
 (11) AU-A-2023243335
 (21) 2023243335 (22) 06.01.2023
 (54) ENERGY STORAGE SYSTEM STRUCTURE FOR AC POWER GRID INTERCONNECTION AND CONTROL METHOD
 (51) Int. Cl.
H02J 3/06 (2006.01)
 (87) WO2023/185196
 (31) 202210351353.0 (32) 02.04.22 (33) CN
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 (72) HAN, Lianshan; WANG, Xinbao; YU, Qiuyang; GE, Jing; GAO, Yuxi; ZHOU, Qiwen; DING, Yong; CHANG, Baoli; LUO, Hao; SHENG, Xiaodong; WEI, Xing; LI, Xu; ZHANG, Xing
 (74) IP Guardian Pty Ltd

(71) NUOVO PIGNONE TECNOLOGIE - S.R.L.
 (11) AU-A-2022371862
 (21) 2022371862 (22) 12.10.2022
 (54) MAGNETIC THRUST BEARING WITH PUMPING EFFECT
 (51) Int. Cl.
F16C 37/00 (2006.01)
F16C 32/04 (2006.01)
 (87) WO2023/066517
 (31) 102021000026729 (32) 19.10.21 (33) IT
 (43) 27.04.2023
 (72) ORTIZ NERI, Massimiliano; CANGIOLI, Francesco; BILIOTTI, Davide; FIORAVANTI, Duccio
 (74) Patent Attorney Services

(71) NUOVO PIGNONE TECNOLOGIE - S.R.L.
 (11) AU-A-2022373724
 (21) 2022373724 (22) 12.10.2022
 (54) CLOSED-LOOP COOLING FLUID CIRCUIT FOR MAGNETIC BEARINGS OF AN EXPANDER-COMPRESSOR SYSTEM
 (51) Int. Cl.
F01D 25/12 (2006.01)
F01D 25/16 (2006.01)
F02C 7/06 (2006.01)
F02C 7/18 (2006.01)
F16C 37/00 (2006.01)
 (87) WO2023/066518
 (31) 102021000026741 (32) 19.10.21 (33) IT
 (43) 27.04.2023
 (72) ORTIZ NERI, Massimiliano; CANGIOLI, Francesco; BILIOTTI, Davide; FIORAVANTI, Duccio
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) NUOVO PIGNONE TECNOLOGIE - S.R.L.
 (11) AU-A-2022382164
 (21) 2022382164 (22) 27.10.2022
 (54) AMMONIA SYNTHESIS PLANT AND METHOD
 (51) Int. Cl.
C01C 1/04 (2006.01)
 (87) WO2023/078583

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(72) CANGIOLI, Francesco; GRIMALDI, Angelo; PELLEGRINI, Tiziano; MEAZZINI, Giulia; GUGLIELMO, Alberto
(74) Patent Attorney Services
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- (71) NUTRINTECH MED ITALIA S.R.L.
(11) AU-A-2022381551
(21) 2022381551 (22) 02.11.2022
(54) DEVICE FOR THE DETECTION OF BACTERIA IN THE AIR
(51) Int. Cl.
G01N 1/00 (2006.01)
A61L 9/03 (2006.01)
A61L 9/12 (2006.01)
F24F 8/00 (2021.01)
(87) WO2023/079460
(31) 102021000027974 (32) 03.11.21 (33) IT (43) 11.05.2023
(72) BRANDIMARTE, Bruno
(74) Griffith Hack
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- (71) NYCO
(11) AU-A-2022419155
(21) 2022419155 (22) 20.12.2022
(54) USE OF A POLYALKOXYSILOXANE-BASED OIL AS A LUBRICATING AGENT
(51) Int. Cl.
C10M 107/50 (2006.01)
(87) WO2023/118190
(31) FR2114153 (32) 21.12.21 (33) FR (43) 29.06.2023
(72) CORBUN, Christophe; MANSOUX, Jean-Louis; LOUISE, Christelle; HERVÉ, Grégoire
(74) Griffith Hack
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- (71) O'DONNELL, T.; LAING, A.; AMENDOLA, A.; AA ENTERPRISES, LLC
(11) AU-A-2022360981
(21) 2022360981 (22) 05.10.2022
(54) A FUSION PLATE TO ASSIST FUSION OF A FIRST AND SECOND BONE
(51) Int. Cl.
A61B 17/80 (2006.01)
(87) WO2023/060122
(31) 2114235.1 (32) 05.10.21 (33) GB (43) 13.04.2023
(72) O'DONNELL, Turlough; LAING, Alan; AMENDOLA, Annunziato
(74) Spruson & Ferguson
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(11) AU-A-2022374798
(21) 2022374798 (22) 25.10.2022
(54) COATED ACTIVE INGREDIENT FORMULATION FOR CONTROLLED IN-VIVO UPTAKE OF CO2
(51) Int. Cl.
A61K 9/00 (2006.01)
A61K 9/10 (2006.01)
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A61K 31/00 (2006.01)
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(72) JOCKENHÖVEL, Stefan; RAMAKERS, Richard; CORNELISSEN, Christian
(74) Griffith Hack
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- (71) OCTANE INNOVATION INC.
(11) AU-A-2022358750
(21) 2022358750 (22) 07.10.2022
(54) PERSONALIZED BIOELECTROMAGNETIC THERAPEUTICS
(51) Int. Cl.
A61N 2/00 (2006.01)
A61N 1/40 (2006.01)
A61N 2/02 (2006.01)
G16H 20/00 (2018.01)
G16H 40/63 (2018.01)
(87) WO2023/056567
(31) 63/253,850 (32) 08.10.21 (33) US (43) 13.04.2023
(72) SMITH, Timothy J.n.; GRANT, Ian; JERONIMO, Mark D.
(74) Pini IP
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- (71) OESTE, F.D.; ELSWORTH, C.T.
(11) AU-A-2022356060
(21) 2022356060 (22) 09.08.2022
(54) PHOTOCATALYTIC AEROSOL
(51) Int. Cl.
B01D 53/76 (2006.01)
B01D 53/88 (2006.01)
B01J 35/00 (2006.01)
B01J 35/27 (2024.01)
B01J 37/00 (2006.01)
B65D 83/14 (2006.01)
C09K 3/30 (2006.01)
(87) WO2023/051858
(31) DE 10 2021 004 (32) 01.10.21 (33) DE 929.2 2117512.0 03.12.21 GB
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(43) 06.04.2023
(72) OESTE, Franz Dietrich; ELSWORTH, Clive Thomas
(74) FPA Patent Attorneys Pty Ltd
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- (71) ONCOC4, INC.
(11) AU-A-2022377644
(21) 2022377644 (22) 28.10.2022
(54) ANTI-CTLA-4 ANTIBODY DOSING REGIMENS
(51) Int. Cl.
A61K 39/395 (2006.01)
A61P 35/04 (2006.01)
C07K 16/28 (2006.01)
(87) WO2023/077069
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- (43) 04.05.2023
(72) LIU, Yang; ZHENG, Pan; DEVENPORT, Martin
(74) Spruson & Ferguson
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- (71) ORBIO CORPORATION
(11) AU-A-2022361161
(21) 2022361161 (22) 03.10.2022
(54) GLUCOSE DERIVATIVES AND ANTICANCER AGENT USING SAME
(51) Int. Cl.
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A61K 31/7135 (2006.01)
A61K 33/242 (2019.01)
A61P 35/00 (2006.01)
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A42B 3/12 (2006.01)
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H02S 20/30 (2014.01)
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A24F 40/51 (2020.01)
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A24F 40/51 (2020.01)
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B09B 101/75 (2022.01)
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A61P 11/00 (2006.01)
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E01C 13/08 (2006.01)
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C09C 1/00 (2006.01)
C09D 5/36 (2006.01)
C09D 7/40 (2018.01)
G01S 7/03 (2006.01)
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G06F 21/31 (2013.01)
G06Q 10/10 (2023.01)
H04L 9/40 (2022.01)
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H04L 67/1095 (2022.01)
G06F 1/14 (2006.01)
G06F 16/27 (2019.01)
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B05B 12/04 (2006.01)
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G01V 1/38 (2006.01)
B65H 75/00 (2006.01)
G01V 1/20 (2006.01)
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F23D 1/02 (2006.01)
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A01N 1/02 (2006.01)
A61J 1/10 (2006.01)
A61J 1/14 (2023.01)
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 (51) Int. Cl.
H04N 21/262 (2011.01)
H04N 21/414 (2011.01)
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 (51) Int. Cl.
G10L 21/0208 (2013.01)
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C07C 271/12 (2006.01)
C07C 323/59 (2006.01)
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B01F 25/312 (2022.01)
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E04H 4/12 (2006.01)
F16K 1/14 (2006.01)
F16K 33/00 (2006.01)
F16T 1/22 (2006.01)
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C07K 16/28 (2006.01)
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C07D 265/30 (2006.01)
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A61P 31/04 (2006.01)
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G01N 33/00 (2006.01)
G01S 17/931 (2020.01)
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C07K 14/47 (2006.01)
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H04N 1/387 (2006.01)
G06T 3/40 (2006.01)
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G06F 16/903 (2019.01)
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E01C 23/06 (2006.01)
E01C 23/088 (2006.01)
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E02D 29/00 (2006.01)
E02F 3/18 (2006.01)
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C10K 1/00 (2006.01)
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B65D 47/20 (2006.01)
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A23L 19/00 (2016.01)
A61K 8/9789 (2017.01)
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B02C 17/16 (2006.01)
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A23L 33/135 (2016.01)
A23K 20/174 (2016.01)
A23K 20/20 (2016.01)
A23K 20/24 (2016.01)
A23L 33/15 (2016.01)
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A23L 33/18 (2016.01)
A61K 9/00 (2006.01)
A61K 38/17 (2006.01)
A61K 38/19 (2006.01)
A61K 38/40 (2006.01)

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A61P 9/10 (2006.01)
A61P 19/08 (2006.01)
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A61P 29/00 (2006.01)
C07K 14/47 (2006.01)
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(51) Int. Cl.
A61K 31/198 (2006.01)
A23K 50/40 (2016.01)
A61K 8/44 (2006.01)
A61P 3/02 (2006.01)
A61P 43/00 (2006.01)
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(54) HEAT DEFLECTOR
(51) Int. Cl.
F24B 1/195 (2006.01)
F24C 15/22 (2006.01)
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(51) Int. Cl.
A61H 9/00 (2006.01)
A61F 5/56 (2006.01)
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(54) SYSTEM FOR MONITORING AND CONTROLLING DILUTION RATES
(51) Int. Cl.
G05D 11/13 (2006.01)
B01F 35/22 (2022.01)
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(74) FPA Patent Attorneys Pty Ltd
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(54) TREATMENT OF MYXOID/ROUND CELL LIPOSARCOMA PATIENTS
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C07K 16/30 (2006.01)
A61K 39/00 (2006.01)
A61P 35/00 (2006.01)
C07K 14/725 (2006.01)
(87) WO2023/091909
(31) 63/279,797 **(32)** 16.11.21 **(33)** US
(43) 25.05.2023
(72) WEISS, Glen J.
(74) RNB IP PTY LTD
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(54) INJECTABLE SUSTAINED RELEASE PHARMACEUTICAL COMPOSITION
(51) Int. Cl.
A61M 5/178 (2006.01)
A61M 5/32 (2006.01)
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(31) 63/282,014 **(32)** 22.11.21 **(33)** US
(43) 25.05.2023
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(74) PHILLIPS ORMONDE FITZPATRICK
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- (71)** SPINEX INC.
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(21) 2022383183 **(22)** 04.11.2022
(54) WEARABLE NON-INVASIVE CENTRAL NERVOUS SYSTEM NEUROMODULATOR AND METHODS FOR USING SAME
(51) Int. Cl.
A61N 1/36 (2006.01)
A61N 1/05 (2006.01)
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(72) GAD, Parag
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(54) MEDICAL INSTRUMENT, IN PARTICULAR FOR PERCUTANEOUS SURGICAL/MEDICAL PROCEDURES
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A61B 17/32 (2006.01)
A61B 17/00 (2006.01)
A61B 90/00 (2016.01)
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(54) UREA CYCLE AUGMENTING COMPOSITION AND METHODS OF USE
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A01N 33/02 (2006.01)
A01G 22/00 (2018.01)
A01N 25/02 (2006.01)
A01P 21/00 (2006.01)
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B08B 9/032 (2006.01)
A47J 31/60 (2006.01)
B67D 1/07 (2006.01)
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C07K 14/335 (2006.01)
C07K 4/04 (2006.01)
C07K 7/06 (2006.01)
C12N 1/15 (2006.01)
C12N 1/19 (2006.01)
C12N 1/21 (2006.01)
C12N 5/10 (2006.01)
C12N 15/11 (2006.01)
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(74) Davies Collison Cave Pty Ltd
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(21) 2022412480 **(22)** 15.12.2022
(54) METHOD FOR CONTROLLING NOXIOUS ARTHROPODS
(51) Int. Cl.
A01N 37/46 (2006.01)
A01N 43/56 (2006.01)
A01N 43/80 (2006.01)
A01M 1/20 (2006.01)
A01N 47/38 (2006.01)
A01N 53/08 (2006.01)
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(31) 2021-203999 **(32)** 16.12.21 **(33)** JP
(43) 22.06.2023
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(74) Spruson & Ferguson
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(21) 2022404969 **(22)** 05.12.2022
(54) SOLID FORMS OF RESIQUIMOD AND FORMULATIONS THEREOF
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A61K 31/4738 (2006.01)
A61K 31/4745 (2006.01)
A61K 47/10 (2017.01)
A61K 9/08 (2006.01)
A61K 9/10 (2006.01)
C07D 47/04 (2006.01)
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(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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(54) WNT RECEPTOR-SPECIFIC COMPOUND AND METHOD RELATING THERETO
(51) Int. Cl.
C07K 16/00 (2006.01)
C07K 16/08 (2006.01)
C07K 16/34 (2006.01)
(87) WO2023/130055
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(54) LIPID COMPOUND AND LIPID NANO-PARTICLE COMPOSITION
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C07D 211/48 (2006.01)
A61K 9/50 (2006.01)
A61K 9/51 (2006.01)
A61K 47/18 (2017.01)
C07D 309/14 (2006.01)
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(72) WANG, Xiulian
(74) Churchill Attorneys
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(54) BOT DETECTION FOR A SURVEY PLATFORM
(51) Int. Cl.
G06F 21/31 (2013.01)
G06Q 30/0203 (2023.01)
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(11) AU-A-2022397917
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(54) METHOD OF PREPARING BIODEGRADABLE MICROCAPSULES BASED ON GELATINE
(51) Int. Cl.
A01N 25/28 (2006.01)
A01N 37/22 (2006.01)
A01N 53/00 (2006.01)
A01P 7/00 (2006.01)
A01P 13/00 (2006.01)
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(54) PESTICIDAL COMPOSITIONS
(51) Int. Cl.
A01N 47/06 (2006.01)
A01N 25/30 (2006.01)
A01N 43/90 (2006.01)
A01P 7/00 (2006.01)
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(54) METHOD OF PRESERVING MAIZE POLLEN VIABILITY UNDER HEAT STRESS
(51) Int. Cl.
A01N 3/00 (2006.01)
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(54) INDOLIZINE COMPOUNDS FOR THE TREATMENT OF MENTAL DISORDERS OR MENTAL ENHANCEMENT
(51) Int. Cl.
A61K 31/403 (2006.01)
C07D 209/02 (2006.01)
A61P 25/28 (2006.01)
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(54) USE OF MARIBAVIR FOR THE TREATMENT OF AND TREATMENT REGIMENS THEREOF
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A61K 31/7056 (2006.01)
A61K 45/06 (2006.01)
A61P 31/22 (2006.01)
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(54) END PIECE OF A FLEXIBLE PIPE FOR TRANSPORTING FLUID, FLEXIBLE PIPE AND ASSOCIATED METHOD

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F16L 33/01 (2006.01)
F16L 11/08 (2006.01)
F16L 33/00 (2006.01)
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(21) 2022409776 **(22)** 12.12.2022
(54) PHARMACEUTICAL COMPOSITION COMPRISING P-BORONOPHENYLALANINE
- (51) Int. Cl.
A61K 41/00 (2020.01)
A61K 9/19 (2006.01)
A61K 47/18 (2017.01)
A61P 35/00 (2006.01)
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- (71) TERRA MICROBES, LLC
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(54) METHODS OF PROPAGATION OF ARBUSCULAR MYCORRHIZAL FUNGI (AMF) AND USES THEREOF
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A01G 18/10 (2018.01)
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C09K 17/02 (2006.01)
A01N 59/02 (2006.01)
C05D 9/02 (2006.01)
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G01S 15/89 (2006.01)
B63G 8/00 (2006.01)
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(54) RADIOACTIVE MARKER, AND PRECURSOR COMPOUND THEREOF, PREPARATION METHOD THEREFOR, AND APPLICATION THEREOF
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C07F 9/6524 (2006.01)
A61K 51/04 (2006.01)
A61P 35/04 (2006.01)
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(54) METHOD OF TREATING CANCER ASSOCIATED WITH A RAS MUTATION
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A61K 31/437 (2006.01)
A61K 31/444 (2006.01)
C07D 471/04 (2006.01)
A61P 35/00 (2006.01)
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(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
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(54) ENGINEERED CARDIAC MUSCLE COMPOSITIONS
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C07K 14/47 (2006.01)
A61P 9/02 (2006.01)
- C07K 7/06** (2006.01)
C12N 15/86 (2006.01)
A61P 21/00 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd
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(54) METHOD FOR SCRUBBING SULFURYL FLUORIDE FROM A FLUID
- (51) Int. Cl.
B01D 53/00 (2006.01)
B01D 53/14 (2006.01)
B01D 53/68 (2006.01)
A61L 9/14 (2006.01)
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(54) COMPOSITIONS AND METHODS FOR THE TREATMENT OF PCDH19 RELATED DISORDERS
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A61P 25/08 (2006.01)
C12N 15/113 (2010.01)
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- (71) THERAVECTYS; INSTITUT PASTEUR
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A61K 39/12 (2006.01)
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(31) 21306581.6 **(32)** 15.11.21 **(33)** EP
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 (54) ELECTROCHEMICAL Ca(OH)₂ AND/OR Mg(OH)₂ PRODUCTION FROM INDUSTRIAL WASTES AND Ca/Mg-CONTAINING ROCKS
 (51) Int. Cl.
 C25B 1/20 (2006.01)
 C01F 5/14 (2006.01)
 C01F 11/02 (2006.01)
 C22B 7/00 (2006.01)
 (87) WO2023/069777
 (31) 63/271,059 (32) 22.10.21 (33) US
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 (74) FPA Patent Attorneys Pty Ltd
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 (54) CELLULAR TRANSPLANT CARRIER DEVICES AND METHODS OF USING THE SAME
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 A61F 2/14 (2006.01)
 A01N 1/02 (2006.01)
 A61F 9/00 (2006.01)
 C12M 1/00 (2006.01)
 C12M 3/00 (2006.01)
 (87) WO2023/059565
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 (74) FPA Patent Attorneys Pty Ltd
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 G01J 3/02 (2006.01)
 G01J 3/18 (2006.01)
 G01J 3/28 (2006.01)
 G01N 21/67 (2006.01)
 H01J 49/00 (2006.01)
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 A61K 39/00 (2006.01)
 A61K 39/12 (2006.01)
 A61K 39/15 (2006.01)
 C07K 14/005 (2006.01)
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 (72) PATTON, John Thomas
 (74) Griffith Hack
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 (21) 2022354266 (22) 30.09.2022
 (54) LIPID NANOPARTICLE (LNP) COMPOSITIONS AND METHODS OF USE THEREOF
 (51) Int. Cl.
 C12N 9/24 (2006.01)
 A61K 38/47 (2006.01)
 A61K 48/00 (2006.01)
 A61P 3/00 (2006.01)
 C12N 15/86 (2006.01)
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 (54) COMPOSITIONS USEFUL IN TREATMENT OF CDKL5 DEFICIENCY DISORDER (CDD)
 (51) Int. Cl.
 C12N 15/52 (2006.01)
 A61K 38/45 (2006.01)
 A61K 48/00 (2006.01)
 A61P 25/00 (2006.01)
 C12N 15/62 (2006.01)
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 A61K 35/17 (2015.01)
 C07K 16/00 (2006.01)
 A61P 25/00 (2006.01)
 C07K 19/00 (2006.01)
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 B29C 31/00 (2006.01)
 B29C 65/00 (2006.01)
 B29C 65/78 (2006.01)
 B65G 65/02 (2006.01)
 F16L 1/024 (2006.01)
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 (74) HENRY HUGHES IP LTD

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 (21) 2022356380 (22) 28.09.2022
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 (51) Int. Cl.

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(74) Hasantha Sanjeewa WIDYARATNE
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A61K 31/085 (2006.01)
A61K 35/618 (2015.01)
A61P 13/08 (2006.01)
A61P 35/00 (2006.01)
A61P 35/04 (2006.01)
A61P 43/00 (2006.01)
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(72) WATANABE Mitsugu
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(54) PHARMACEUTICAL POLYMER FOR TREATING HYPERKALEMIA AND PREPARATION METHOD THEREOF
(51) Int. Cl.
A61K 31/78 (2006.01)
A61P 7/08 (2006.01)
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F04F 13/00 (2009.01)
F04B 53/16 (2006.01)
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- (54)** DOWNHOLE SELF-PROPELLING WIRELINE TOOL
(51) Int. Cl.
E21B 23/00 (2006.01)
E21B 23/14 (2006.01)
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(72) ANDERSEN, Tomas Sune
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E21B 23/00 (2006.01)
E21B 23/14 (2006.01)
H02P 5/00 (2016.01)
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(72) THOMSEN, Brian Engelbrecht
(74) GLMR
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(54) HYDRAULICALLY DRIVEN DOWN-HOLE SELF-PROPELLING WIRELINE TOOL STRING
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(74) GLMR
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(54) SYSTEM FOR MONITORING VEHICLE RIDERS
(51) Int. Cl.
G07C 5/00 (2006.01)
A42B 3/04 (2006.01)
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(72) JONES, Michael K; LATHROP, Jeremy Len
(74) Origin Patent and Trade Mark Attorneys
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C12Q 1/68 (2018.01)
G01N 21/64 (2006.01)
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(74) FB Rice Pty Ltd
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(54) SOLVENT COMPOSITIONS PROMOTING PLANT GROWTH
(51) Int. Cl.
A01N 25/00 (2006.01)
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(51) Int. Cl.
G10L 21/0272 (2013.01)
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(54) SYSTEM AND METHOD FOR ADJUSTABLE MOTORCYCLE THROTTLE LOCK CRUISE CONTROL
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B62K 23/02 (2006.01)
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B62K 11/14 (2006.01)
B60K 31/00 (2006.01)
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(54) CONNECTOR ASSEMBLY
(51) Int. Cl.

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

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(74) Michael Buck IP
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(51) Int. Cl.
B62B 7/06 (2006.01)
B62B 9/14 (2006.01)
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A61K 31/4375 (2006.01)
A61K 31/444 (2006.01)
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A61K 31/4985 (2006.01)
A61P 35/00 (2006.01)
C07D 401/14 (2006.01)
C07D 471/04 (2006.01)
C07D 487/04 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd
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C07K 7/64 (2006.01)
A61K 38/08 (2019.01)
A61P 9/10 (2006.01)
A61P 17/02 (2006.01)
A61P 29/00 (2006.01)
A61P 35/00 (2006.01)
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(21) 2022366502 **(22)** 13.10.2022
(54) SEAL MEMBER
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C09J 7/38 (2018.01)
B32B 3/10 (2006.01)
B32B 7/06 (2019.01)
B32B 27/00 (2006.01)
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(54) 3D PRINTING AND CURING DEVICE
(51) Int. Cl.
B29C 64/264 (2017.01)
B29C 35/08 (2006.01)
B29C 64/20 (2017.01)
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B33Y 30/00 (2015.01)
B33Y 40/20 (2020.01)
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C07K 16/18 (2006.01)
A61P 35/00 (2006.01)
C07K 16/30 (2006.01)
A61K 39/00 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd
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(54) TRACTOR PARAMETER CALIBRATION
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G01C 21/12 (2006.01)
B62D 49/00 (2006.01)
G01S 13/87 (2006.01)
G05D 1/43 (2024.01)
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(54) OBSTRUCTION AVOIDANCE
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G08G 1/16 (2006.01)
A01B 63/02 (2006.01)
G06V 10/77 (2022.01)
B60W 30/08 (2012.01)
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(54) VEHICLE ROW FOLLOW SYSTEM
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G01C 21/12 (2006.01)
B62D 49/00 (2006.01)
G06T 17/30 (2006.01)
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A61K 9/51 (2006.01)
A61K 47/22 (2006.01)
A61K 47/24 (2006.01)
A61K 47/28 (2006.01)
C07D 241/04 (2006.01)
C07D 295/15 (2006.01)
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 (74) Adams Pluck
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A61K 9/51 (2006.01)
A61K 47/22 (2006.01)
A61K 47/24 (2006.01)
A61K 47/28 (2006.01)
C07D 241/04 (2006.01)
C07D 295/15 (2006.01)
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A23K 10/12 (2016.01)
A23K 50/75 (2016.01)
A61K 31/739 (2006.01)
A61K 35/74 (2015.01)
C07H 13/06 (2006.01)
C12P 19/04 (2006.01)
A61K 39/00 (2006.01)
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 (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD
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- (71) ZOTUP S.R.L.
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 (21) 2022386755 (22) 25.10.2022
 (54) SURGE ARRESTER INCLUDING A DISCONNECTOR AND RELATED EXTINGUISHING/DEIONIZATION CHAMBER
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- H01C 7/12** (2006.01)
H01H 37/76 (2006.01)
H01H 73/04 (2006.01)
H01T 2/02 (2006.01)
H01T 4/14 (2006.01)
H01H 9/32 (2006.01)
H01H 9/46 (2006.01)
H01H 85/44 (2006.01)
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 (31) 102021000028448 (32) 09.11.21 (33) IT
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 (72) D'IPPOLITO, Gianfranco
 (74) A.P.T. Patent and Trade Mark Attorneys
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 (21) 2022371755 (22) 24.11.2022
 (54) RESOURCE INDICATION METHOD, NODE AND STORAGE MEDIUM
 (51) Int. Cl.
H04W 72/04 (2023.01)
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 (72) LU, Youxiong; XING, Weimin
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 (21) 2022450885 (22) 31.03.2022
 (54) REFERENCE SIGNALING DESIGN AND CONFIGURATION MAPPING
 (51) Int. Cl.
H04W 72/00 (2023.01)
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Numerical Index

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2021455735	ROVI GUIDES, INC.	2022360353	NANO COMPOSITE PRODUCTS, INC.
2021466299	ZIMENO, INC. DBA MONARCH TRACTOR	2022360549	CLUTTERBOT, INC.
2021466764	ZIMENO, INC. DBA MONARCH TRACTOR	2022360764	ACTUATE TECHNOLOGY LTD
2021466975	ZIMENO, INC. DBA MONARCH TRACTOR	2022360835	NAVIRE PHARMA, INC.
2021467200	ZIMENO, INC. dba MONARCH TRACTOR	2022360981	O'DONNELL, T.; LAING, A.; AMENDOLA, A.; AA ENTERPRISES, LLC
2021467221	INDUSTRIALE CHIMICA S.R.L.	2022360985	THE BROAD INSTITUTE, INC.; PRESIDENT AND FELLOWS OF HARVARD COLLEGE; MASSACHUSETTS INSTITUTE OF TECHNOLOGY
2021471006	GENENTECH, INC.; F. HOFFMANN-LA ROCHE AG	2022361161	ORBIO CORPORATION
2021471061	BAO, C.	2022361212	THE REGENTS OF THE UNIVERSITY OF COLORADO, A BODY CORPORATE
2021471597	KIM, D.	2022361223	VANDERBILT UNIVERSITY; INNERWORLD, INC.
2021472065	GUANGZHOU SIGTENNA TECHNOLOGY CO., LTD.	2022361486	DANA-FARBER CANCER INSTITUTE, INC.
2021472582	MGI TECH CO., LTD.	2022361646	EVONIK OPERATIONS GMBH
2021472911	MGI TECH CO., LTD.	2022361764	ASTRAZENECA AB
2021474825	CHINA ENERGY INVESTMENT CORPORATION LIMITED; NATIONAL INSTITUTE OF CLEAN-AND-LOW-CARBON ENERGY	2022361766	VRISE THERAPEUTICS, INC.
2021475595	RAZER (ASIA-PACIFIC) PTE. LTD.	2022361909	NATIONAL OILWELL VARCO, L.P.
2021477585	MICRO MOTION, INC.	2022362129	AVIANA MOLECULAR TECHNOLOGIES, LLC
2021481096	ZHEJIANG XUNSHI TECHNOLOGY CO., LTD.	2022362872	ASTRAZENECA AB
2022341967	GISMO THERAPEUTICS, INC.	2022362885	EVERMORE UNITED S.A.
2022348938	JANSSEN PHARMACEUTICA NV	2022363260	UVSEE INC.
2022349687	JANSSEN PHARMACEUTICA NV	2022363547	FASETTO, INC.
2022349697	INTERGALACTIC THERAPEUTICS, INC.	2022363796	CELLIBRE, INC.
2022351990	THE FLOREY INSTITUTE OF NEUROSCIENCE AND MENTAL HEALTH	2022363798	EXELUS INC.
2022354085	VERSUNI HOLDING B.V.	2022364200	BAUDOUIN, E.
2022354161	NEURO-BIO LTD	2022364260	SEKO S.P.A.
2022354266	THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA	2022364718	VANQUA BIO, INC.
2022354279	GRITSTONE BIO, INC.	2022364803	CARBONCURE TECHNOLOGIES INC.
2022354649	JOHNSON & JOHNSON VISION CARE, INC.	2022364876	CELLIBRE, INC.
2022354768	GLACIER GAMES, LLC	2022365018	CAAMTECH, INC.
2022354951	PERDUE FOODS LLC	2022365172	SUBD APS
2022355088	BIOVERATIV THERAPEUTICS INC.	2022365441	UPL LIMITED
2022355276	PEPTIDREAM INC.	2022366116	WELLTEC A/S
2022355963	D-AUS ENERGY STORAGE TECHNOLOGY (XI'AN) CO., LTD	2022366266	VANDORF PAT1 INC.
2022356060	OESTE, F.D.; ELSWORTH, C.T.	2022366502	YOSHINO GYPSUM CO., LTD.
2022356212	ICEYE OY	2022366853	KIMBERLY-CLARK WORLDWIDE, INC.
2022356286	XINTHERA, INC.	2022366987	ARSENAL BIOSCIENCES, INC.
2022356302	SANOFI	2022366992	PLIANT THERAPEUTICS, INC.
2022356380	WALTERS BAY HOLDINGS, L.	2022367010	MURDOCH CHILDREN'S RESEARCH INSTITUTE
2022356397	ALL.SPAC NETWORKS LIMITED	2022367267	KIMBERLY-CLARK WORLDWIDE, INC.
2022356417	JOHNSON & JOHNSON VISION CARE, INC.	2022367591	CHINA MOBILE COMMUNICATION CO., LTD RESEARCH INSTITUTE; CHINA MOBILE COMMUNICATIONS GROUP CO., LTD.
2022356453	RUNNING TIDE TECHNOLOGIES, INC.	2022367747	WELLTEC A/S
2022356471	CRYO PUR	2022367758	WELLTEC A/S
2022356493	TRANE INTERNATIONAL INC.	2022367926	SEKO S.P.A.
2022357270	SANOFI	2022368823	IMPACT THERAPEUTICS (SHANGHAI), INC.
2022357284	ALASTIN SKINCARE, INC.	2022368902	THE TRUSTEES OF INDIANA UNIVERSITY
2022357344	WONDERLAND SWITZERLAND AG	2022369001	DBV TECHNOLOGIES
2022357353	SANOFI	2022369022	H-U-R HAMBURG GMBH HAMBURGER-UMWELT-RECYCLINGTECHNOLOGIEN
2022357516	JOHNSON & JOHNSON VISION CARE, INC.	2022369143	PACIFIC HELMETS NZ LIMITED
2022357630	AGRICULTURE VICTORIA SERVICES PTY LTD	2022369293	THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA
2022358202	ETERNIVAX BIOMEDICAL, INC	2022369424	COMERCIAL INDUSTRIAL MAQUINARIA CARTON ONDULADO, S.L.
2022358322	SAREPTA THERAPEUTICS, INC.	2022369458	PAULUS HOLDINGS LIMITED
2022358409	NAVIRE PHARMA, INC.; BRISTOL-MYERS SQUIBB COMPANY	2022369627	KOBAYASHI PHARMACEUTICAL CO., LTD.
2022358413	NAVIRE PHARMA, INC.; BRIDGEBIO SERVICES, INC.; AMGEN INC.	2022369914	BAKER HUGHES OILFIELD OPERATIONS LLC
2022358750	OCTANE INNOVATION INC.	2022370009	KORRO BIO, INC.
2022358826	LANOVA MEDICINES DEVELOPMENT CO., LTD.	2022370124	SHANXI QUAN'AN NEW TECHNOLOGY DEVELOPMENT CO., LTD
2022359573	PROCORE TECHNOLOGIES, INC.	2022370169	INFRASALIENCE LTD.
2022359575	THE REGENTS OF THE UNIVERSITY OF COLORADO, A BODY CORPORATE	2022370182	COMERCIAL INDUSTRIAL MAQUINARIA CARTON ONDULADO, S.L.
2022359782	BÜHLER AG	2022370220	STEINBRONN, J.; MAAG, B.
2022359812	SANOFI		
2022360083	RTX A/S		
2022360328	PHARMATHEN S.A.		

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

2022370228	METSO USA INC.	2022376961	ARCUS BIOSCIENCES, INC.
2022370373	ATMO BIOSCIENCES LIMITED	2022376963	PURE STORAGE, INC.
2022370472	BAKER HUGHES OILFIELD OPERATIONS LLC	2022376964	BATTELLE MEMORIAL INSTITUTE
2022370513	NEUROSENSE THERAPEUTICS LTD.	2022377060	SIMONPIETRI ENTERPRISES LLC
2022370562	MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH	2022377061	ZIELBIO, INC.
2022370901	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	2022377077	IPC RESEARCH, LLC
2022370958	HUAWEI TECHNOLOGIES CO., LTD.	2022377111	PHILIP MORRIS PRODUCTS S.A.
2022371538	SHANGHAI JEMINCARE PHARMACEUTICAL CO., LTD.	2022377177	WESTERN POWER SPORTS, LLC
2022371672	INOVIO PHARMACEUTICALS, INC.	2022377179	WINTERS, D.J.
2022371755	ZTE CORPORATION	2022377420	ANNALISE-AI PTY LTD
2022371862	NUOVO PIGNONE TECNOLOGIE - S.R.L.	2022377424	AQUILA BLACK LIMITED
2022372527	CENTENAIRE BIOSCIENCES, INC.	2022377484	KIRIN HOLDINGS KABUSHIKI KAISHA
2022373189	CHICK, J.	2022377644	ONCOC4, INC.
2022373197	CATERPILLAR INC.	2022377650	EPIZYME, INC.
2022373308	BAKER HUGHES OILFIELD OPERATIONS LLC	2022377657	SHATTUCK LABS, INC.
2022373330	BYOMASS INC.; ADIMAB, LLC	2022377663	NANO COMPOSITE PRODUCTS
2022373543	BIOTHEUS INC.	2022377857	METAWATER CO., LTD.; UNICHARM CORPORATION
2022373575	HUAWEI TECHNOLOGIES CO., LTD.	2022378006	KYORITSU SEIYAKU CORPORATION
2022373657	KITE PHARMA, INC.	2022378096	AUTOTELIC BIO INC.
2022373724	NUOVO PIGNONE TECNOLOGIE - S.R.L.	2022378105	CJ CHEILJEDANG CORPORATION
2022373841	GEARY, P.F.	2022378362	IERUS TECHNOLOGIES; MUSGROVE, C.; GOTHARD, G.; FAIRCLOTH, D.
2022374330	CHINA PETROLEUM & CHEMICAL CORPORATION; BEIJING RESEARCH INSTITUTE OF CHEMICAL INDUSTRY, CHINA PETROLEUM & CHEMICAL CORPORATION	2022378437	PHILIP MORRIS PRODUCTS S.A.
2022374444	COÖPERATIE KONINKLIJKE COSUN U.A.	2022378466	GRACO MINNESOTA INC.
2022374453	METSO FINLAND OY	2022378549	MARINE DOLPHIN ENTERPRISES, LLC
2022374509	SMARTSEAL AS	2022378553	DEXCOM, INC.
2022374532	POWAKADDY INTERNATIONAL LIMITED	2022378624	NEXTRACKER LLC
2022374615	WINGNUT FILMS PRODUCTIONS LIMITED	2022378704	ANGLO AMERICAN TECHNICAL & SUSTAINABILITY SERVICES LTD; ANGLO CORPORATE SERVICES SOUTH AFRICA (PTY) LTD
2022374798	O11 BIOMEDICAL GMBH	2022378707	NOVEL MICRODEVICES, INC.
2022374853	OSPEDALE SAN RAFFAELE S.R.L.	2022378758	AQUILA BLACK LIMITED
2022374891	ACE PACKAGING N.V.	2022378942	ASSOCIATION INSTITUT DE MYOLOGIE; SORBONNE UNIVERSITE; INSERM (INSTITUT NATIONAL DE LA SANTÉ ET DE LA RECHERCHE MÉDICALE)
2022374967	TECHNIPFMC SUBSEA FRANCE	2022379140	METAWATER CO., LTD.; UNICHARM CORPORATION
2022375062	HARBOUR STONE B.V.	2022379143	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH
2022375202	ENERGY MEMBRANE GMBH	2022379195	BATTELLE MEMORIAL INSTITUTE
2022375209	TRAD, F.; HAKA GROUPS PARTICIPAÇÕES DE NEGÓCIOS S/A	2022379260	SHATTUCK LABS, INC.
2022375406	JAPAN AS REPRESENTED BY DIRECTOR GENERAL OF NATIONAL INSTITUTE OF INFECTIOUS DISEASES; KIRIN HOLDINGS KABUSHIKI KAISHA	2022379401	RUSSELL, M.F.
2022375642	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	2022379458	LUNG BIOTECHNOLOGY PBC
2022375660	SOMMETRICS, INC.	2022379495	HOWMEDICA OSTEONICS CORP.
2022375663	DEXCOM, INC.	2022379531	ABIOMED, INC.
2022375698	THE CONNECTICUT AGRICULTURAL EXPERIMENT STATION	2022379544	MASTERCARD INTERNATIONAL INCORPORATED
2022375718	BRIJ MEDICAL, INC.	2022379566	LOCUS SOLUTIONS IPCO, LLC
2022375734	BIOVERITAS, LLC	2022379575	BRIDGESTONE AMERICAS, INC.
2022375736	NOVEL MICRODEVICES, INC.	2022379590	PPG INDUSTRIES OHIO, INC.
2022375741	NEW ENGLAND BIOLABS, INC.	2022379591	CATERPILLAR INC.
2022375816	IMMUNORACLE INC.	2022379625	THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL
2022375818	DUKE UNIVERISTY; COLD SPRING HARBOR LABORATORY	2022379644	SHOPIFY INC.
2022376165	OTSUKA PHARMACEUTICAL CO., LTD.	2022379782	CHINA PHARMACEUTICAL UNIVERSITY
2022376171	MANUFACTURING RESOURCES INTERNATIONAL, INC.	2022379952	AMERICAN DIAGNOSTICS & THERAPY, LLC (ADXR)
2022376179	REGENERON PHARMACEUTICALS, INC.	2022379966	BLUEDESAL INC.
2022376268	SUZY, INC.	2022380010	DEXCOM, INC.
2022376269	ADIMAB, LLC	2022380016	LANZATECH, INC.
2022376277	ARMSTRONG WORLD INDUSTRIES, INC.	2022380018	CATERPILLAR INC.
2022376322	KORTEK CORPORATION	2022380132	SUMITOMO CHEMICAL COMPANY, LIMITED
2022376425	MEMORIAL SLOAN-KETTERING CANCER CENTER	2022380144	SPIRECUT SA
2022376537	SIGILON THERAPEUTICS, INC.	2022380293	NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY
2022376675	RICH TECHNOLOGIES HOLDING COMPANY, LLC	2022380302	NISSHIN FLOUR MILLING INC.
2022376750	ALTEOGEN INC.	2022380394	TERRA MICROBES, LLC
2022376809	FAIRLIFE, LLC	2022380415	SCHLUMBERGER TECHNOLOGY B.V.
2022376895	VIETZ GMBH	2022380470	CHART ENERGY & CHEMICALS, INC.
2022376960	BATTELLE MEMORIAL INSTITUTE	2022380476	ABIOMED, INC.
		2022380477	VISTERRA, INC.
		2022380482	ENALARE THERAPEUTICS INC.
		2022380484	LIVEPERSON, INC.

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

2022380507	INDUSTRY FOUNDATION OF CHONNAM NATIONAL UNIVERSITY	2022383620	LG ELECTRONICS INC.
2022380591	RESMED PTY LTD	2022383681	CLASSYS INC.
2022380597	SHOPIFY INC.	2022383916	MERISTEM CROP PERFORMANCE GROUP, LLC
2022380686	HYPERTHERM, INC.; MC MACHINERY SYSTEMS, INC.	2022383951	THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS; THE UNITED STATES GOVERNMENT AS REPRESENTED BY THE DEPARTMENT OF VETERANS AFFAIRS
2022380736	ADB SAFEGATE BV	2022384416	INSILICO MEDICINE IP LIMITED
2022380758	CATERPILLAR GLOBAL MINING EQUIPMENT LLC	2022384776	DISCOVERY PURCHASER CORPORATION
2022380766	INTERDIGITAL PATENT HOLDINGS, INC.	2022384781	KERZ S.R.L.; PARLUX S.P.A.
2022380772	ABIOMED, INC.	2022385084	FREEDMAN ELECTRONICS PTY LTD
2022381066	BAKER HUGHES OILFIELD OPERATIONS LLC	2022385286	ELAUT N.V.
2022381067	BAKER HUGHES OILFIELD OPERATIONS LLC	2022385426	MANINA MEDTECH, S.L.; FUNDACIÓ HOSPITAL UNIVERSITARI VALL D'HEBRON - INSTITUT DE RECERCA
2022381097	SHANGHAI HANSOH BIOMEDICAL CO., LTD.; JI-ANGSU HANSOH PHARMACEUTICAL GROUP CO., LTD.	2022385487	BAE SYSTEMS PLC
2022381145	HUAWEI TECHNOLOGIES CO., LTD.	2022385572	FISHER & PAYKEL HEALTHCARE LIMITED
2022381174	CONOCOPHILLIPS COMPANY	2022385899	VALORA ENGINEERING LTD.
2022381186	JANSSEN BIOTECH, INC.; NANJING LEGEND BIOTECH CO., LTD.; LEGEND BIOTECH USA INC.	2022386088	HILL'S PET NUTRITION, INC.
2022381187	RELAY THERAPEUTICS, INC.	2022386109	HWI-NICHST WELDING & ENGINEERING INNOVATION CENTER (QINGDAO) CO., LTD.
2022381190	INTERDIGITAL PATENT HOLDINGS, INC.	2022386154	SOLO BRANDS, LLC
2022381203	MIAMI UNIVERSITY	2022386323	SENSEI BIOTHERAPEUTICS, INC.
2022381323	GM INNOVATIONS LIMITED	2022386336	THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA
2022381360	DLR GBR	2022386645	ELI LILLY AND COMPANY
2022381400	TOTALENERGIES ONETECH	2022386715	THERAVECTYS; INSTITUT PASTEUR
2022381441	AKER SOLUTIONS SUBSEA AS	2022386755	ZOTUP S.R.L.
2022381460	TESSENDERLO GROUP NV	2022386790	BRIA ARTIFICIAL INTELLIGENCE LTD
2022381463	ZIPHIUS NV	2022386902	KOMATSU LTD.
2022381551	NUTRINTECH MED ITALIA S.R.L.	2022387048	COLGATE-PALMOLIVE COMPANY
2022381685	ZIPHIUS NV	2022387276	I.C.V. INDUCTION COOKTOP VENTS PTY. LTD.
2022381689	INVENTIO AG	2022387364	NETSCOUT SYSTEMS, INC.
2022381723	KINIKSA PHARMACEUTICALS, GMBH	2022387410	LONZA GREENWOOD LLC
2022381750	ARCTURUS THERAPEUTICS, INC.	2022387426	CELGENE QUANTICEL RESEARCH, INC.
2022381751	SANGAMO THERAPEUTICS, INC.	2022387439	ALLIANTHERA (SUZHOU) BIOPHARMACEUTICAL CO., LTD.; ALLIANTHERA BOSTON INC.
2022381752	VDF FUTURECEUTICALS, INC.	2022387669	INSILICO MEDICINE IP LIMITED
2022381755	GLOBAL BLOOD THERAPEUTICS, INC.	2022387671	AXENT BIOSCIENCES INC.
2022381764	TWELVE BENEFIT CORPORATION	2022387678	SHATTUCK LABS, INC.
2022381817	GLOBALM SA	2022388002	UNICHARM CORPORATION
2022381894	CROVATO, D.; ABRAMI, G.; GUIRAO CANO, S.	2022388489	UNIVERSITY OF UTAH RESEARCH FOUNDATION
2022381919	V-WAVE LTD.	2022388677	FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.
2022381992	PHARMA MAR, S.A.	2022388678	UPM-KYMMENE CORPORATION; GREEN INNOVATION GMBH
2022382007	DABCO LIMITED	2022388727	AMGEN INC.
2022382090	FLSMIDTH A/S	2022388729	IOVANCE BIOTHERAPEUTICS, INC.
2022382164	NUOVO PIGNONE TECNOLOGIE - S.R.L.	2022388772	DNA SCRIPT
2022382268	MEMBION GMBH	2022388811	ARCELLX, INC.
2022382392	MIAMI UNIVERSITY	2022388835	BAE SYSTEMS PLC
2022382550	RENEWABLE IRON FUEL TECHNOLOGY B.V.	2022388928	SOTIO BIOTECH INC.
2022382567	PAUL, A.	2022388933	CATERPILLAR INC.
2022382653	SONNY'S HFI HOLDINGS, LLC	2022388978	WATERSTONE PHARMACEUTICALS (WUHAN) CO., LTD.
2022382680	MYORI SERVICES SDN. BHD.	2022389028	CARBIOS
2022382746	WINFIELD SOLUTIONS, LLC	2022389306	THALES
2022382748	BAOSHAN IRON & STEEL CO., LTD.	2022389307	CARBIOS
2022382853	ALCOA USA CORP.	2022389572	ABB SCHWEIZ AG
2022382915	GLEGHORN, J.P.; DONZANTI, M.; ZURAKOWSKI, R.	2022389886	BONAFIDE HEALTH, LLC
2022382937	TACTOGEN INC	2022389891	BLUESHIFT, LLC DBA OUTWARD TECHNOLOGIES
2022382950	RAVEN INDUSTRIES, INC.	2022390024	CATALOG TECHNOLOGIES, INC.
2022382963	CATERPILLAR INC.	2022390055	INFINIUM TECHNOLOGY, LLC
2022382970	CORTEVA AGRISCIENCE LLC	2022390057	CAPITAL ONE SERVICES, LLC.
2022382988	DANA-FARBER CANCER INSTITUTE, INC.	2022390134	AC IMMUNE SA
2022383057	DANA-FARBER CANCER INSTITUTE, INC.; ABVIRO LLC	2022390153	CROSSIGNAL THERAPEUTICS, INC.
2022383147	SCIMAR LTD.	2022390428	INFINIUM TECHNOLOGY, LLC
2022383161	INTERDIGITAL PATENT HOLDINGS, INC.	2022390573	SPECGX LLC
2022383183	SPINEX INC.	2022391344	PLASTRON SOLUTIONS PTY LTD
2022383427	CARL ZEISS VISION INTERNATIONAL GMBH	2022391546	KORTEK CORPORATION
2022383430	MEDIMAPS GROUP SA	2022391635	MERCK SHARP & DOHME LLC
2022383472	NISSHIN FLOUR MILLING INC.	2022391750	EYEDEA BIO, LLC
2022383486	SAFRAN ELECTRONICS & DEFENSE		
2022383509	UNIVERSITÄT BASEL; UNIVERSITÄT KONSTANZ		
2022383537	DAICEL CORPORATION; NATIONAL UNIVERSITY CORPORATION KANAZAWA UNIVERSITY		
2022383571	NICOVENTURES TRADING LIMITED		

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

2022392161	INFINIUM TECHNOLOGY, LLC	2022410434	ELISA OYJ
2022392233	EYETELLIGENCE LIMITED	2022412480	SUMITOMO CHEMICAL COMPANY, LIMITED
2022392992	HITGEN INC.; SICHUAN KELUN-BIOTECH BIOPHAR- MACEUTICAL CO., LTD.	2022413010	ABB SCHWEIZ AG
2022393802	JENOPTIK ROBOT GMBH	2022413318	ASCENDIS PHARMA GROWTH DISORDERS A/S
2022393944	SIMEX ENGINEERING S.R.L.	2022413636	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
2022394365	KORTEK CORPORATION	2022413993	ALLU INNOVATION AND RESEARCH CENTER OY
2022394945	AZANE FUEL SOLUTIONS AS	2022414070	NEKTAR THERAPEUTICS; ELI LILLY AND COMPANY
2022394999	CLEAN CHEMISTRY, INC.	2022415346	GEA WESTFALIA SEPARATOR GROUP GMBH
2022395001	TAKEDA PHARMACEUTICAL COMPANY LIMITED	2022416430	BAXTER INTERNATIONAL INC.; BAXTER HEALTH- CARE SA
2022395016	ACCUMED RADIAL SYSTEMS, LLC	2022418685	UNICHARM CORPORATION
2022395048	NORTHWESTERN UNIVERSITY	2022419155	NYCO
2022395092	CENTRE FOR NOVOSTICS	2022419158	REHAU INDUSTRIES SE & CO. KG
2022395375	ASSA ABLOY ENTRANCE SYSTEMS AB	2022419989	BOSTON SCIENTIFIC SCIMED, INC.
2022395603	GD MIDEA HEATING & VENTILATING EQUIPMENT CO., LTD.; HEFEI MIDEA HEATING & VENTILATING EQUIPMENT CO., LTD.	2022419990	BOSTON SCIENTIFIC SCIMED, INC.
2022395906	NICOVENTURES TRADING LIMITED	2022420788	CDR-LIFE AG; BOEHRINGER INGELHEIM INTERNA- TIONAL GMBH
2022395970	LINDE GMBH	2022420806	ECOP TECHNOLOGIES GMBH
2022396756	ESTETRA SRL	2022421139	F. HOFFMAN-LA ROCHE AG
2022396775	NICOVENTURES TRADING LIMITED	2022422086	LG ENERGY SOLUTION, LTD.
2022397237	MIRALOGX LLC	2022422166	REHAU INDUSTRIES SE & CO. KG
2022397378	UOP LLC	2022422396	REHAU INDUSTRIES SE & CO. KG
2022397540	F. HOFFMANN-LA ROCHE AG	2022422739	COOPERVISION INTERNATIONAL LIMITED
2022397838	THE AFFILIATED HOSPITAL OF SOUTHWEST MED- ICAL UNIVERSITY	2022422759	DOMPE' FARMACEUTICI S.P.A.
2022397887	ESTETRA SRL	2022422983	SUZHOU ABOGEN BIOSCIENCES CO., LTD.
2022397917	SYNGENTA CROP PROTECTION AG	2022423216	SOCIETE DES PRODUITS NESTLE S.A.
2022397929	SYNGENTA CROP PROTECTION AG	2022423269	RWE RENEWABLES EUROPE & AUSTRALIA GMBH
2022398238	LAITRAM, L.L.C.	2022423508	UNICHARM CORPORATION
2022398342	CUE BIOPHARMA, INC.	2022423604	UNICHARM CORPORATION
2022398730	FUJITSU GENERAL LIMITED	2022424009	VIRSEC SYSTEMS, INC.
2022398862	BODIT INC.	2022425053	BYD COMPANY LIMITED
2022399198	ALITE GMBH	2022425345	HOLLISTER INCORPORATED
2022399372	BETA PHARMA, INC.	2022425626	SURROZEN OPERATING, INC.
2022399453	VIDEOAMP, INC.	2022425791	LONGI SOLAR TECHNOLOGY (TAIZHOU) CO., LTD.
2022399980	MULTITOOL LAB LIMITED	2022426852	VIRSEC SYSTEMS, INC.
2022400212	BIOTRONIK AG	2022427692	DEERE & COMPANY
2022400308	PFIZER INC.	2022428318	CHUGAI SEIYAKU KABUSHIKI KAISHA
2022400336	WATANABE OYSTER LABORATORY, CO., LTD.	2022429800	ILLUMINA, INC.
2022400925	RAYTHEON COMPANY	2022430189	TRUMA GERÄTETECHNIK GMBH & CO. KG
2022401024	DAIICHI SANKYO COMPANY, LIMITED	2022431126	THE YOKOHAMA RUBBER CO., LTD.
2022401221	I-SENS, INC.	2022433103	HALLIBURTON ENERGY SERVICES, INC.
2022401815	CORNING RESEARCH & DEVELOPMENT CORPOR- ATION	2022433216	HWI-NICHST WELDING & ENGINEERING INNOVA- TION CENTER (QINGDAO) CO., LTD.
2022401839	DRAGONFLY ENERGY CORP.	2022441199	CURELAB ONCOLOGY, INC.
2022401861	SHOCKWAVE MEDICAL, INC.	2022443397	HALLIBURTON ENERGY SERVICES, INC.
2022401872	SMITH & NEPHEW, INC.; SMITH & NEPHEW ORTHO- PAEDICS AG; SMITH & NEPHEW ASIA PACIFIC PTE. LIMITED	2022444811	HALLIBURTON ENERGY SERVICES, INC.
2022402082	METSO FINLAND OY	2022446295	QINGDAO UNIVERSITY OF TECHNOLOGY
2022402328	SYNGENTA CROP PROTECTION AG	2022448928	HALLIBURTON ENERGY SERVICES, INC.
2022402380	POLYTEX SPORTBELÄGE PRODUKTIONS-GMBH	2022450885	ZTE CORPORATION
2022402561	SOCIETE DES PRODUITS NESTLE SA	2022457517	QINGDAO PORT INTERNATIONAL CO., LTD.; QING- DAO INTERNATIONAL ENERGY TRADING CENTER CO., LTD.; QINGDAO SHIHUA CRUDE OIL TERMIN- AL CO., LTD.; QINGDAO PORT INTERNATIONAL OIL PORT CO., LTD.; SHANDONG UNIVERSITY OF SCI- ENCE AND TECHNOLOGY
2022402810	CATERPILLAR INC.	2023204935	TYCO FIRE PRODUCTS LP
2022404770	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.	2023204960	CHUGAI SEIYAKU KABUSHIKI KAISHA
2022404969	SURGE THERAPEUTICS, INC.	2023206461	LG ENERGY SOLUTION, LTD.
2022405241	CASCO SIGNAL LTD.	2023207669	WHITWORTH UNIVERSITY
2022405430	GRAPHIC PACKAGING INTERNATIONAL, LLC	2023208526	COMMUNICATIONS TEST DESIGN, INC.
2022405687	CARL FREUDENBERG KG	2023209587	TOPSOE A/S
2022405697	THERMO FISHER SCIENTIFIC (BREMEN) GMBH	2023217269	F. HOFFMANN-LA ROCHE AG
2022406595	HANGZHOU HEALZEN THERAPEUTICS CO., LTD.; GUANGDONG HONGYE PHARMACEUTICAL CO., LTD.	2023222266	WEIR MINERALS NETHERLANDS B.V.
2022406888	BOSTON SCIENTIFIC NEUROMODULATION COR- PORATION	2023225429	MITSUBISHI HEAVY INDUSTRIES, LTD.
2022407031	ZIVO BIOSCIENCE, INC.	2023233178	PYLON TECHNOLOGIES CO., LTD.
2022407137	ESSILOR INTERNATIONAL	2023243335	NR ELECTRIC CO., LTD; NR ENGINEERING CO., LTD; NR ELECTRIC POWER ELECTRONICS CO., LTD.
2022407959	NITROGAS AS	2023248634	F. HOFFMANN-LA ROCHE AG; CHUGAI PHARMA- CEUTICAL CO., LTD.
2022409130	ICOTEC AG	2023252201	HINOVA PHARMACEUTICALS INC.
2022409776	TENBORON OY	2023255067	ENGLISH, N.
2022410118	AMGEN INC.		

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

2023278026	TRINA SOLAR CO., LTD
2023283931	REMEGEN CO., LTD.
2023285941	KOSHIMURA Kunio
2023285987	HUNAN SANY MEDIUM TONNAGE HOISTING MA- CHINERY CO., LTD.
2023304118	WM DEVELOPMENTS PTY LTD
2023312021	JIAXING PHARBERS GENESIS PHARMACEUTICAL TECHNOLOGY CO., LTD.
2023330530	HOENIGSCHMID, A.
2023343924	TONGWEI SOLAR (MEISHAN) CO., LTD.
2023343930	TONGWEI SOLAR (MEISHAN) CO., LTD.
2023348040	KOVAX CORPORATION
2023349260	YANTAI LANNACHENG BIOTECHNOLOGY CO., LTD.
2023351340	COOPERVISION INTERNATIONAL LIMITED
2023360062	ANTÔNIO STADTLOBER, A.

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

2022381751	2022422983	<u>A61M 16/-</u>	2023349260	2022395001	2023204960
2022387410				2023252201	
2022387678	<u>A61K 48/-</u>	2022380591	<u>A61P 19/-</u>		<u>A61P 5/-</u>
2022398342		2022385572		<u>A61P 35/-</u>	
2022413636	2022355088		2022348938		2022360328
2022414070	2022362872	<u>A61M 25/-</u>	2022349687	2021362997	2022413318
2022428318	2022369293		2022367010	2021471006	
2022441199	2022375818		2022381723	2022354266	<u>A61P 7/-</u>
2023349260	2022378942		2022387410	2022355276	
	2022379625		2022413318	2022356286	2022355088
<u>A61K 39/-</u>	2022381751		2022413636	2022358409	2022381755
	2022441199			2022358413	2022388978
		<u>A61M 29/-</u>		2022358826	
2021362997			<u>A61P 21/-</u>	2022360835	<u>A61P 9/-</u>
2021471006	<u>A61K 51/-</u>	2022381919		2022361161	
2022354279			2022358322	2022361764	2022355276
2022358826	2022370562		2022360985	2022361766	2022360985
2022368902	2022397838	<u>A61M 39/-</u>	2022378942	2022362872	2022413636
2022371672	2023312021			2022368823	2023349260
2022373543			<u>A61P 23/-</u>	2022371672	
2022373657	<u>A61K 8/-</u>	2022379531		2022372527	<u>A61Q 19/-</u>
2022374853		2022380476		2022373330	
2022376750	2022357284	<u>A61M 5/-</u>		2022373543	2022357284
2022377061	2022387048		<u>A61P 25/-</u>	2022373657	2022397887
2022377077	2022396756	2022360764		2022376961	
2022377644	2022397887	2022390573		2022377061	<u>A61Q 5/-</u>
2022379952	2022402561	<u>A61M 60/-</u>		2022377644	
2022381186	2022423216			2022379260	2022387048
2022381187				2022379782	
2022381723	<u>A61K 9/-</u>	2022380476		2022379782	<u>A61Q 7/-</u>
2022381750		2022380772		2022379952	
2022381992	2022354266			2022381186	2022396756
2022382988	2022359812	<u>A61N 1/-</u>		2022381992	
2022386645	2022360328			2022382988	<u>A62C 35/-</u>
2022386715	2022369001	2022358750		2022383951	
2022388928	2022374798	2022383183		2022384416	2023204935
2022397540	2022376165	2022383681		2022386323	
2022398342	2022376537	2022406888		2022387426	<u>A62C 37/-</u>
2022401024	2022376750	<u>A61N 2/-</u>		2022387669	
2022407031	2022378758			2022388811	2023204935
	2022379566	2022358750		2022388928	
<u>A61K 41/-</u>	2022381463			2022390153	<u>A63B 55/-</u>
	2022381685	<u>A61N 5/-</u>		2022392992	
2022409776	2022381723			2022395048	2022374532
	2022381750	2022387426		2022397540	
<u>A61K 45/-</u>	2022387426	<u>A61P 1/-</u>		2022397838	<u>A63B 67/-</u>
	2022391750			2022399372	
2022376537	2022404969	<u>A61P 11/-</u>		2022400308	2022354768
2022378942	2022409776			2022400336	
2022381187	2022413636			2022401024	<u>A63C 19/-</u>
2022381755	2022422983			2022406595	
2022395001				2022409776	2022354768
2022400308	<u>A61L 15/-</u>	2022366992		2022428318	
2022401024		2022380482		2023252201	<u>A63F 9/-</u>
	2022379566	2022414070		2023349260	
		2023204960			2022385286
<u>A61K 47/-</u>	<u>A61L 2/-</u>	2023252201	<u>A61P 3/-</u>		2023330530
				<u>A61P 37/-</u>	
2021362997	2022363260	<u>A61P 13/-</u>	2022379625		<u>A63H 33/-</u>
2022354266	2022410118		2022381751		
2022361764			2022381752	2022386645	2023330530
2022370513	<u>A61L 27/-</u>	2022355276	2022402561	2022390153	
2022376750		2022400336	2022413636	2022395048	<u>B01D 21/-</u>
2022378758		2023204960	2022414070	2022398342	
2022379952	2022367010	<u>A61P 15/-</u>	<u>A61P 31/-</u>	2022414070	2022374453
2022381463				2023283931	2022381323
2022381685	<u>A61L 9/-</u>	2022370562			
2022381750				<u>A61P 43/-</u>	<u>B01D 25/-</u>
2022382915	2022375698	<u>A61P 17/-</u>	2022354266		
2022391750	2022381551		2022354279	2022355276	2022402082
2022401024	2022410118		2022361764	2022373330	
2022404969		2022348938	2022371538	2022374798	<u>B01D 53/-</u>
2022409776	<u>A61M 15/-</u>	2022349687	2022374853	2022381752	
2022413318		2022357284	2022375406	2022400336	2022356060
2022414070	2022383571	2022379566	2022379143	2022401024	2022364803
		2022414070	2022383057	2022402561	
			2022391635		

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

2022375698	<u>B01L 9 /-</u>	<u>B23K 23 /-</u>		<u>B60L 58 /-</u>	<u>B65B 51 /-</u>
<u>B01D 63 /-</u>	2022375736	2022377179	<u>B30B 1 /-</u>	2022380758	2022378006
		2022446295	2022381360	2022402810	
2022382268	<u>B02B 3 /-</u>				<u>B65D 25 /-</u>
<u>B01F 21 /-</u>	2022359782	<u>B23K 26 /-</u>	<u>B30B 9 /-</u>	<u>B60S 5 /-</u>	2022374509
		2021471061	2022381360	2022379591	
2022364260	<u>B02C 17 /-</u>	2022380686			<u>B65D 3 /-</u>
<u>B01F 23 /-</u>	2022423216	2022386109	<u>B32B 23 /-</u>	<u>B60W 30 /-</u>	2022378624
			2022433216	2021466299	
2023255067	<u>B02C 19 /-</u>	<u>B23K 37 /-</u>			<u>B65D 47 /-</u>
<u>B01F 25 /-</u>	2022423216	2022376895	<u>B32B 27 /-</u>	<u>B60W 50 /-</u>	2022374509
			2022366502	2022379590	
2022364260	<u>B02C 4 /-</u>	<u>B23K 9 /-</u>			<u>B65D 65 /-</u>
2023255067		2022376895	<u>B32B 3 /-</u>	<u>B61K 7 /-</u>	2022405430
	2022370228		2021471597	2022362885	
<u>B01F 27 /-</u>	<u>B04B 1 /-</u>	<u>B23P 15 /-</u>	2022366502		<u>B65D 77 /-</u>
	2022415346	2022433216		2022362885	
2022374453	<u>B04B 11 /-</u>	<u>B24D 11 /-</u>	<u>B32B 5 /-</u>	<u>B61L 27 /-</u>	2022374509
<u>B01F 33 /-</u>		2023348040		2022405241	<u>B65D 83 /-</u>
	2022415346	2023348040	<u>B32B 7 /-</u>	<u>B62B 3 /-</u>	2022356060
2023255067	<u>B04C 3 /-</u>	<u>B24D 3 /-</u>	2022366502	2022374532	<u>B65F 1 /-</u>
<u>B01F 35 /-</u>		2023348040		<u>B62B 7 /-</u>	2022381360
	2022381323		<u>B32B 9 /-</u>	2022357344	
2022382653	<u>B04C 9 /-</u>	<u>B25J 9 /-</u>	2022383537		<u>B65G 23 /-</u>
<u>B01J 20 /-</u>		2022360549		<u>B62B 9 /-</u>	2022375209
	2022381323		<u>B33Y 30 /-</u>	2022357344	
2022366853	<u>B05B 12 /-</u>	<u>B26D 1 /-</u>	2021481096		<u>B65G 43 /-</u>
2022367267		2022399980		<u>B62D 49 /-</u>	2022431126
2022425053	<u>B05D 5 /-</u>	<u>B26D 7 /-</u>	2021481096	2021466764	<u>B65G 65 /-</u>
<u>B01J 21 /-</u>		2022369424		2021466975	2022376895
	2022382950	2022370182	<u>B42D 15 /-</u>	2021467200	
2022390055	<u>B08B 1 /-</u>	2022399980	2022360346		<u>B65H 75 /-</u>
	2022362885	<u>B26F 1 /-</u>		2022377179	2022400925
<u>B01J 29 /-</u>	<u>B08B 9 /-</u>	2022369424	<u>B44C 1 /-</u>	<u>B62K 11 /-</u>	
	2022365172	2022370182	2022360346	<u>B62K 23 /-</u>	<u>B66B 5 /-</u>
2022363798		<u>B29C 31 /-</u>		2022377179	2022381689
<u>B01J 35 /-</u>	<u>B09B 101 /-</u>	2022376895	<u>B60C 23 /-</u>	<u>B63G 8 /-</u>	<u>B66C 13 /-</u>
	2022375062		2022379575	2022389306	2023285987
2021474825		<u>B29C 35 /-</u>		<u>B64G 1 /-</u>	<u>B66C 23 /-</u>
2022356060	2022391344	2021481096	2022380758	2022356212	2023285987
2022390055	<u>B09B 3 /-</u>	2022357516	<u>B60K 31 /-</u>	<u>B64G 3 /-</u>	<u>B67D 1 /-</u>
<u>B01J 37 /-</u>		<u>B29C 48 /-</u>	2022377179	2022356212	2022365172
	2022375062	2022379531		<u>B65B 25 /-</u>	<u>B67D 7 /-</u>
2022356060	2022391344	<u>B29C 64 /-</u>	2022380758	2022378105	2022374509
<u>B01J 8 /-</u>	<u>B09B 5 /-</u>	2021481096	<u>B60K 35 /-</u>	<u>B65B 29 /-</u>	<u>C01B 3 /-</u>
	2022369022	2022379458		2022378707	2022390428
2022390428		<u>B29C 65 /-</u>	2022380758	<u>B65B 47 /-</u>	2022392161
<u>B01L 1 /-</u>	<u>B09C 1 /-</u>	2022376895	<u>B60L 50 /-</u>		2022395970
	2022375062	2022433216	2022380758		
2022375736		<u>B29D 11 /-</u>	<u>B60L 53 /-</u>		
<u>B01L 3 /-</u>	<u>B23K 101 /-</u>	2022356417	2022379591		
	2022376895		2022402810		
2021472911					
2022362129					
2022375736					
2022378707					

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

<u>C01B 32/-</u>	<u>C05F 11/-</u>	<u>C07D 215/-</u>	2022379782	<u>C07D 519/-</u>	2022372527
2022383537	2022383916	2022341967	2023204960	2022356286	2022373330
<u>C01C 1/-</u>	2022388678	<u>C07D 217/-</u>	2023217269	2022390153	2022373543
2022370169	<u>C05F 17/-</u>	2023204960	2023312021	2023204960	2022373657
2022380293	2022383916	<u>C07D 221/-</u>	<u>C07D 403/-</u>	<u>C07F 13/-</u>	2022374853
2022382164	<u>C05F 5/-</u>	2022341967	2022357270	2023312021	2022377061
2022395970	2022383916	<u>C07D 231/-</u>	2022377650	<u>C07F 5/-</u>	2022377644
<u>C01D 1/-</u>	2022380507	<u>C07D 233/-</u>	2022406595	2022371538	2022379952
<u>C01D 15/-</u>	<u>C07B 61/-</u>	2022341967	2023204960	2023312021	2022380477
2022380507	2022428318	<u>C07D 237/-</u>	2023252201	<u>C07F 9/-</u>	2022381186
<u>C01F 11/-</u>	<u>C07C 1/-</u>	2022376961	<u>C07D 405/-</u>	2022357516	2022381723
2022370901	2022392161	<u>C07D 239/-</u>	2022376961	2022397838	2022381992
2022380507	<u>C07C 2/-</u>	2023204960	<u>C07D 409/-</u>	2022375818	2022382988
<u>C01F 5/-</u>	2022363798	<u>C07D 241/-</u>	2022376961	<u>C07H 13/-</u>	2022383057
2022370901	<u>C07C 215/-</u>	2022341967	<u>C07D 413/-</u>	2022407031	2022386323
2022354266	2022354266	2022399372	2022376961	<u>C07H 21/-</u>	2022386336
<u>C01G 23/-</u>	<u>C07C 227/-</u>	<u>C07D 241/-</u>	<u>C07D 417/-</u>	2022375818	2022386645
2021474825	2022428318	2022379782	2022384416	<u>C07H 23/-</u>	2022388928
<u>C02F 1/-</u>	<u>C07C 229/-</u>	2022381463	2022391635	2022361161	2022390134
2022366853	2022428318	2022381685	2023204960	<u>C07J 1/-</u>	2022397540
2022367267	<u>C07C 271/-</u>	<u>C07D 251/-</u>	<u>C07D 471/-</u>	2021467221	2022401024
2022376179	2022383147	2022380482	2022356286	<u>C07K 1/-</u>	2022425626
2022377857	<u>C07C 323/-</u>	<u>C07D 257/-</u>	2022361766	2022375818	2023248634
2022379140	2022383147	2022357270	2022366992	<u>C07K 14/-</u>	<u>C07K 19/-</u>
2022425053	<u>C07C 67/-</u>	<u>C07D 265/-</u>	2022368823	2022354279	2022358202
<u>C02F 103/-</u>	2022375734	2022381097	2022383951	2022355088	2022362872
2022376179	<u>C07C 69/-</u>	2023204960	2022392992	2022360985	2022373543
<u>C02F 11/-</u>	2022375734	<u>C07D 273/-</u>	2022404969	2022361486	2022377657
2022375062	<u>C07C 9/-</u>	2022364718	2022406595	2022428318	2022382988
<u>C04B 20/-</u>	2022375734	2022384416	2023204960	2023349260	2022386336
2022364803	<u>C07D 205/-</u>	<u>C07D 279/-</u>	<u>C07D 473/-</u>	2021467221	2022387678
<u>C04B 22/-</u>	2022363798	2023204960	2022380482	<u>C07K 14/-</u>	2022401024
2022364803	<u>C07D 209/-</u>	<u>C07D 291/-</u>	2022387669	2022354279	2022422759
2022379401	2022364718	2022384416	<u>C07D 487/-</u>	2022355088	2022428318
<u>C04B 35/-</u>	<u>C07D 209/-</u>	<u>C07D 295/-</u>	2022348938	2022360985	2023349260
2022375062	2022365018	2022381186	2022349687	2022362872	<u>C07K 4/-</u>
<u>C04B 40/-</u>	2022381203	2022387669	2022356286	2022366987	2022361646
2022364803	2022382937	2022390153	2022404969	2022368902	2023217269
<u>C04B 7/-</u>	2023217269	2023204960	2022406595	2022373657	<u>C07K 7/-</u>
2022399198	<u>C07D 211/-</u>	2022422983	2023204960	2022375642	2022355276
<u>C05D 9/-</u>	2022422983	<u>C07D 401/-</u>	<u>C07D 491/-</u>	2022377077	2022360985
2022381460	<u>C07D 213/-</u>	2022341967	2022356286	2022377657	2022380132
	2022387439	2022356286	2022379782	2022379260	2022401024
		2022376961	2023204960	2022380132	2022422759
		2022377650		2022380477	2022428318
				2022381186	2023349260
				2022381723	<u>C08F 126/-</u>
				2022388811	2022354649
				2022388928	<u>C08F 2/-</u>
				2022397540	2022354649
				2022413636	<u>C08F 220/-</u>
				2022441199	2022357516
				2023283931	<u>C08F 271/-</u>
				<u>C07K 16/-</u>	2022354649
				2021362997	<u>C08G 77/-</u>
				2021471006	2022357516
				2022354279	
				2022358202	
				2022358826	
				2022362872	

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

<u>C08J 11 /-</u>	<u>C10B 47 /-</u>	2022379143 2022379260 2022379625 2022380132 2022381203 2022381751 2022382392 2022389028 2022395048 2022401024	2022375741 2022377077 2022379143 2022395092 2023207669	<u>D01F 1 /-</u> <u>D01F 6 /-</u> <u>D01F 8 /-</u> <u>D22B 1 /-</u> <u>D06F 37 /-</u> <u>D06F 39 /-</u> <u>D21H 19 /-</u> <u>D21H 27 /-</u> <u>E01C 1 /-</u> <u>E01C 13 /-</u> <u>E01C 23 /-</u> <u>E01F 13 /-</u> <u>E02D 29 /-</u> <u>E02F 3 /-</u> <u>E02F 5 /-</u> <u>E02F 9 /-</u> <u>E03F 1 /-</u> <u>C25C 3 /-</u> <u>C40B 40 /-</u> <u>E04B 1 /-</u>	<u>E04C 2 /-</u> <u>E04H 15 /-</u> <u>E04H 4 /-</u> <u>E05F 15 /-</u> <u>E21B 17 /-</u> <u>E21B 23 /-</u> <u>E21B 29 /-</u> <u>E21B 33 /-</u> <u>E21B 34 /-</u> <u>E21B 37 /-</u> <u>E21B 41 /-</u> <u>E21B 47 /-</u>	
2022389028 2022389307	2022391344			2022402380	2021471061	
<u>C08J 5 /-</u>	<u>C10B 53 /-</u>	2022381751 2022382392 2022389028 2022395048 2022401024	<u>C21D 8 /-</u> <u>C22B 26 /-</u> <u>C22B 3 /-</u> <u>C22B 7 /-</u> <u>C22C 33 /-</u> <u>C22C 38 /-</u> <u>C25B 1 /-</u> <u>C25B 11 /-</u> <u>C25B 15 /-</u> <u>C25B 3 /-</u> <u>C25B 9 /-</u> <u>C25C 3 /-</u> <u>C40B 40 /-</u>	2022402380 2022382748 2022425053 2022378704 2022378704 2022370901 2022382748 2022382748 2022370169 2022370901 2022373841 2022381764 2022383537 2022389572 2022395970	2022402380 2022402380 2022383620 2022383620 2022374891 2022374891 2022375202 2022402380 2022393944 2022393944 2022393944 2022373197 2022382963 2022388933	<u>E04H 15 /-</u> <u>E04H 4 /-</u> <u>E21B 17 /-</u> <u>E21B 23 /-</u> <u>E21B 29 /-</u> <u>E21B 33 /-</u> <u>E21B 34 /-</u> <u>E21B 37 /-</u> <u>E21B 41 /-</u> <u>E21B 47 /-</u>
2022405430	2022391344			2022402380	2022373189	
<u>C08J 9 /-</u>	<u>C10G 1 /-</u>	<u>C12N 5 /-</u>	<u>C22B 1 /-</u>	2022402380	<u>E04H 4 /-</u>	
2022374330	2022391344			2022402380	2022367926	
<u>C08K 3 /-</u>	<u>C10G 2 /-</u>	2022361646 2022363796 2022366987 2022367010 2022370562 2022373543 2022375818 2022376425 2022380132 2022381186 2022387671 2022388729	<u>C22B 26 /-</u> <u>C22B 3 /-</u> <u>C22B 7 /-</u> <u>C22C 33 /-</u> <u>C22C 38 /-</u> <u>C25B 1 /-</u> <u>C25B 11 /-</u> <u>C25B 15 /-</u> <u>C25B 3 /-</u> <u>C25B 9 /-</u> <u>C25C 3 /-</u> <u>C40B 40 /-</u>	2022383620 2022425053 2022378704 2022378704 2022370901 2022382748 2022382748 2022370169 2022370901 2022373841 2022381764 2022383537 2022389572 2022395970	<u>E05F 15 /-</u> <u>E21B 17 /-</u> <u>E21B 23 /-</u> <u>E21B 29 /-</u> <u>E21B 33 /-</u> <u>E21B 34 /-</u> <u>E21B 37 /-</u> <u>E21B 41 /-</u> <u>E21B 47 /-</u>	
2022376277	2022364803			2022383620	2022395375	
<u>C08K 5 /-</u>	<u>C10J 3 /-</u>	<u>C12N 9 /-</u>	<u>C22B 1 /-</u>	2022383620	<u>E21B 17 /-</u>	
2022374330	2022377060	2022349697 2022356302 2022357353 2022364876 2022366987 2022375741 2022376750 2022379625 2022382392 2022388727 2022388772 2022389028 2022389307 2022401024		2022383620	2022373308 2022381174 2022385899 2022433103	
<u>C08K 9 /-</u>	<u>C10K 1 /-</u>		<u>C22B 7 /-</u>	2022374891	<u>E21B 23 /-</u>	
2022376277	2022377060			2022374891	2022366116 2022367747 2022367758 2022369914 2022373308 2022381067 2022443397 2022448928	
<u>C08L 23 /-</u>	<u>C10K 3 /-</u>	<u>C12N 9 /-</u>	<u>C22C 33 /-</u>	2022374891	<u>E21B 23 /-</u>	
2022374330	2022390055 2022390428			2022374891	2022366116 2022367747 2022367758 2022369914 2022373308 2022381067 2022443397 2022448928	
<u>C08L 35 /-</u>	<u>C10M 107 /-</u>	2022349697 2022356302 2022357353 2022364876 2022366987 2022375741 2022376750 2022379625 2022382392 2022388727 2022388772 2022389028 2022389307 2022401024	<u>C22C 38 /-</u> <u>C25B 1 /-</u> <u>C25B 11 /-</u> <u>C25B 15 /-</u> <u>C25B 3 /-</u> <u>C25B 9 /-</u> <u>C25C 3 /-</u> <u>C40B 40 /-</u>	2022375202 2022402380 2022393944 2022393944 2022393944 2022373197 2022382963 2022388933	<u>E21B 29 /-</u> <u>E21B 33 /-</u> <u>E21B 34 /-</u> <u>E21B 37 /-</u> <u>E21B 41 /-</u> <u>E21B 47 /-</u>	
2022374330	2022419155			2022375202	2022373308 2022373308 2022381067 2022443397 2022448928	
<u>C08L 43 /-</u>	<u>C12M 1 /-</u>	<u>C12P 11 /-</u>	<u>C25B 1 /-</u>	2022402380	<u>E21B 29 /-</u>	
2022357516	2021472582 2021472911 2022361212 2022364803 2022380016	2022357353		2022402380	2022373308	
<u>C09B 29 /-</u>	<u>C12M 3 /-</u>	<u>C12P 11 /-</u>	<u>C25B 11 /-</u>	2022393944	<u>E21B 33 /-</u>	
2022375741	2022361212			2022393944	2022370472 2022373308 2022381067 2022381174 2022443397 2022448928	
<u>C09C 1 /-</u>	<u>C12M 3 /-</u>	<u>C12P 11 /-</u>	<u>C25B 11 /-</u>	2022393944	<u>E21B 33 /-</u>	
2022379590	2022361212			2022393944	2022370472 2022373308 2022381067 2022381174 2022443397 2022448928	
<u>C09D 133 /-</u>	<u>C12N 1 /-</u>	<u>C12P 11 /-</u>	<u>C25B 11 /-</u>	2022393944	<u>E21B 33 /-</u>	
2022376277	2022361646 2022363796 2022380132 2022381203 2022382392	2022357353		2022393944	2022373308 2022373308 2022381067 2022381174 2022443397 2022448928	
<u>C09D 5 /-</u>	<u>C12N 15 /-</u>	<u>C12P 17 /-</u>	<u>C25B 15 /-</u>	2022393944	<u>E21B 34 /-</u>	
2022379590	2022361646 2022363796 2022380132 2022381203 2022382392	2022364876 2022382392		2022393944	2022369914 2022370472 2022373308 2022380415 2022443397	
<u>C09D 7 /-</u>	<u>C12N 15 /-</u>	<u>C12P 19 /-</u>	<u>C25B 3 /-</u>	2022393944	<u>E21B 34 /-</u>	
2022376277 2022379590	2022349697 2022351990 2022354279 2022355088 2022356302 2022357353 2022358202 2022358322 2022358826 2022360985 2022363796 2022366987 2022369293 2022370009 2022371672 2022373543 2022375642 2022375818 2022378096	2022349697 2022357353 2022388772 2022407031		2022393944	2022370472 2022373308 2022380415 2022443397	
<u>C09J 201 /-</u>	<u>C12N 15 /-</u>	<u>C12P 19 /-</u>	<u>C25B 3 /-</u>	2022393944	<u>E21B 37 /-</u>	
2022389307	2022349697 2022351990 2022354279 2022355088 2022356302 2022357353 2022358202 2022358322 2022358826 2022360985 2022363796 2022366987 2022369293 2022370009 2022371672 2022373543 2022375642 2022375818 2022378096	2022349697 2022357353 2022388772 2022407031		2022393944	2022369914	
<u>C09J 7 /-</u>	<u>C12N 15 /-</u>	<u>C12P 21 /-</u>	<u>C25B 9 /-</u>	2022373197 2022382963 2022388933	<u>E21B 37 /-</u>	
2022366502	2022349697 2022351990 2022354279 2022355088 2022356302 2022357353 2022358202 2022358322 2022358826 2022360985 2022363796 2022366987 2022369293 2022370009 2022371672 2022373543 2022375642 2022375818 2022378096	2022380132 2022388727 2022401024		2022373197 2022382963 2022388933	2022369914	
<u>C09K 17 /-</u>	<u>C12N 15 /-</u>	<u>C12P 21 /-</u>	<u>C25B 9 /-</u>	2022373197 2022382963 2022388933	<u>E21B 37 /-</u>	
2022381460	2022349697 2022351990 2022354279 2022355088 2022356302 2022357353 2022358202 2022358322 2022358826 2022360985 2022363796 2022366987 2022369293 2022370009 2022371672 2022373543 2022375642 2022375818 2022378096	2022380132 2022388727 2022401024		2022373197 2022382963 2022388933	2022369914	
<u>C09K 3 /-</u>	<u>C12N 15 /-</u>	<u>C12P 7 /-</u>	<u>C40B 40 /-</u>	2022419158 2022422166 2022422396	<u>E21B 37 /-</u>	
2022356060 2022369627 20223348040	2022349697 2022351990 2022354279 2022355088 2022356302 2022357353 2022358202 2022358322 2022358826 2022360985 2022363796 2022366987 2022369293 2022370009 2022371672 2022373543 2022375642 2022375818 2022378096	2022382853		2022419158 2022422166 2022422396	2022369914 2022373308	
		<u>C12Q 1 /-</u>	<u>C40B 40 /-</u>	2022419158 2022422166 2022422396	<u>E21B 41 /-</u>	
		2022375736		2022419158 2022422166 2022422396	<u>E21B 41 /-</u>	
				2022376269 2022401024	<u>E21B 47 /-</u>	
				2021471061 2022376277 2022378624 2023304118	2022361909 2022369914 2022373308	

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

2022381066	<u>F16C 37 /-</u>	<u>F23G 7 /-</u>		<u>G01M 17 /-</u>	<u>G01S 15 /-</u>
2022433103			<u>F25B 1 /-</u>		
2022444811	2022371862	2022375062		2022379575	2022389306
	2022373724		2022420806		
<u>E21B 7 /-</u>		<u>F24B 1 /-</u>		<u>G01N 1 /-</u>	<u>G01S 17 /-</u>
	<u>F16F 15 /-</u>		<u>F25B 3 /-</u>		
2022373308	2022383620	2022386154	2022420806	2022381551	2022370124
					2023208526
<u>F01D 25 /-</u>	<u>F16G 3 /-</u>	<u>F24C 15 /-</u>	<u>F25J 1 /-</u>	<u>G01N 15 /-</u>	<u>G01S 19 /-</u>
	2022398238	2022386154	2022380470	2022429800	
2022373724		2022387276			2022370124
	<u>F16K 1 /-</u>	<u>F24F 1 /-</u>	<u>F25J 3 /-</u>	<u>G01N 21 /-</u>	2022373197
2022385487	2022367926	2022354085	2022356471	2021472582	2022427692
		2022395603	2022395970	2022405697	<u>G01S 7 /-</u>
<u>F02C 7 /-</u>	<u>F16K 33 /-</u>	<u>F24F 11 /-</u>	2023209587	2023207669	
	2022367926			2023208526	2022379590
2022373724		<u>F24F 120 /-</u>	<u>F27B 7 /-</u>	<u>G01N 23 /-</u>	<u>G01V 1 /-</u>
<u>F03B 13 /-</u>	<u>F16L 1 /-</u>	2022398730	2022399198	2022377650	2022400925
	2022376895				
2022379966		<u>F24F 13 /-</u>	<u>F28D 11 /-</u>	<u>G01N 27 /-</u>	<u>G02B 1 /-</u>
	<u>F16L 11 /-</u>	2022398730	2022420806	2022409130	2022356417
<u>F03G 7 /-</u>				2022421139	2022357516
	<u>F16L 15 /-</u>	<u>F24F 13 /-</u>	<u>F28D 7 /-</u>	<u>G01N 29 /-</u>	2023351340
2022378549	2022374967	2022354085	2022420806	2022362129	<u>G02B 5 /-</u>
		2022395603			
<u>F04B 53 /-</u>	<u>F16L 15 /-</u>	<u>F24F 6 /-</u>	<u>F28F 13 /-</u>	<u>G01N 33 /-</u>	2022383427
	2022385899	2022354085	2022420806		<u>G02B 6 /-</u>
2023222266				2022341967	
	<u>F16L 33 /-</u>	<u>F24F 8 /-</u>	<u>F28F 9 /-</u>	2022354161	2021472582
<u>F04C 15 /-</u>		2022354085	2022420806	2022357630	2022401815
	2022374967	2022381551		2022358202	
2022378466		<u>F24H 1 /-</u>	<u>G01B 7 /-</u>	2022367010	<u>G02C 7 /-</u>
	<u>F16L 58 /-</u>		2022377663	2022370124	2022383427
<u>F04C 18 /-</u>		<u>F24H 15 /-</u>	2022379575	2022373543	2022407137
	2022407959			2022375741	2022422739
2022356493		<u>F24H 9 /-</u>	<u>G01C 21 /-</u>	2022375816	
	<u>F16L 59 /-</u>	2022430189		2022377077	<u>G05B 13 /-</u>
<u>F04C 2 /-</u>			2021466764	2022378942	2022392161
	<u>F16L 59 /-</u>	<u>F24H 9 /-</u>	2021466975	2022379952	
2022378466	2022407959		2021467200	2022382090	<u>G05D 1 /-</u>
		<u>F24S 10 /-</u>	2022383486	2022383147	
<u>F04C 29 /-</u>	<u>F16T 1 /-</u>	2022430189	<u>G01D 21 /-</u>	<u>G01N 35 /-</u>	2021467200
			2022370124		
2022356493	<u>F17C 13 /-</u>	<u>F24S 20 /-</u>	<u>G01F 1 /-</u>	2022375736	<u>G05D 11 /-</u>
	2022367926	2022389891		2022378707	2022382653
<u>F04D 25 /-</u>			2021477585	<u>G01N 5 /-</u>	<u>G06F 1 /-</u>
	<u>F17C 5 /-</u>	<u>F24S 23 /-</u>		2022382090	
2022354085	2022386902	2022389891	<u>G01F 25 /-</u>	<u>G01R 19 /-</u>	2021475595
	2022394945	2023278026			2022376963
<u>F04D 29 /-</u>		<u>F24S 25 /-</u>	2021477585	2023206461	2022396775
	<u>F17C 5 /-</u>				<u>G06F 11 /-</u>
2022354085	2022394945	<u>F24S 25 /-</u>	<u>G01J 3 /-</u>	<u>G01R 31 /-</u>	2022387364
		2022378624		2023206461	
<u>F04F 13 /-</u>	<u>F17C 7 /-</u>	<u>F24S 40 /-</u>	<u>G01L 1 /-</u>	<u>G01S 13 /-</u>	<u>G06F 13 /-</u>
	2022394945	2022389891		2021466975	2021475595
2023222266		2023278026	<u>G01F 25 /-</u>	2021467200	
	<u>F17C 7 /-</u>			2022378362	<u>G06F 16 /-</u>
<u>F04F 99 /-</u>		<u>F24S 50 /-</u>	<u>G01L 17 /-</u>	2022379590	2022376963
	2022394945				2022380597
2023222266	<u>F21V 31 /-</u>				2022399453
	2022380736				
<u>F15B 13 /-</u>					
	<u>F23D 1 /-</u>				
2023285987	2022382550	<u>F24S 40 /-</u>	2022360353	2021466975	
		2022362885	2022377663	2021467200	
<u>F16B 35 /-</u>			<u>G01L 17 /-</u>	2022378362	
	<u>F23G 5 /-</u>	<u>F24S 50 /-</u>		2022379590	
2023304118	2022375062				2022376963
					2022380597
<u>F16C 32 /-</u>					2022399453
2022371862					

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

2023208526	<u>G06T 17 /-</u>	<u>G11C 13 /-</u>	<u>G21C 7 /-</u>	<u>H01Q 15 /-</u>	<u>H02G 15 /-</u>
<u>G06F 21 /-</u>	2021466764	2022390024	2022388835	2021472065	2021471597
2022359573	<u>G06T 3 /-</u>	<u>G16B 20 /-</u>	<u>H01B 7 /-</u>	<u>H01Q 17 /-</u>	<u>H02G 9 /-</u>
2022376268	2022379644	2022395092	2022381441	2022376964	2022381441
2022424009	<u>G06T 5 /-</u>	<u>G16B 30 /-</u>	<u>H01C 7 /-</u>	<u>H01Q 19 /-</u>	<u>H02H 7 /-</u>
2022426852	2022379644	2022390024	2022386755	2021472065	2022413010
<u>G06F 3 /-</u>	<u>G06T 7 /-</u>	<u>G16B 35 /-</u>	<u>H01F 27 /-</u>	2022356397	<u>H02J 13 /-</u>
2021475595	2022392233	2022376269	2022413010	<u>H01Q 21 /-</u>	2022410434
2022376322	2023208526	<u>G16B 40 /-</u>	<u>H01H 33 /-</u>	2022356397	<u>H02J 3 /-</u>
2022391546	<u>G06T 9 /-</u>	2022376269	2022413010	2022376960	2022395375
2022394365	2022379644	<u>G16B 50 /-</u>	<u>H01H 36 /-</u>	2022379195	2022410434
<u>G06F 40 /-</u>	<u>G06V 10 /-</u>	2022390024	2022376322	<u>H01Q 23 /-</u>	2023243335
2022392233	2021466299	<u>G16H 10 /-</u>	<u>H01H 37 /-</u>	2022379195	<u>H02J 7 /-</u>
<u>G06F 9 /-</u>	2022377420	2022386790	2022386755	<u>H01Q 25 /-</u>	2022401839
2022359573	2022392233	2022377420	2022386755	2022356397	2022410434
<u>G06K 17 /-</u>	2022379644	2022385572	<u>H01H 73 /-</u>	2022376960	2023233178
2022370124	<u>G06V 20 /-</u>	<u>G16H 15 /-</u>	2022386755	<u>H01Q 3 /-</u>	<u>H02P 5 /-</u>
<u>G06K 19 /-</u>	2022393802	2022392233	<u>H01H 85 /-</u>	2022356397	2022367747
2022382680	2022398862	<u>G16H 20 /-</u>	2022386755	<u>H01Q 9 /-</u>	<u>H02S 20 /-</u>
<u>G06K 7 /-</u>	2022398862	2022358750	<u>H01H 9 /-</u>	2022376960	2022382567
2022382680	<u>G07C 5 /-</u>	2022361223	2022386755	2022376964	2022423269
<u>G06N 20 /-</u>	2022377177	2022375663	<u>H01J 49 /-</u>	<u>H01R 103 /-</u>	2023278026
2022379544	<u>G07C 9 /-</u>	2022378553	2022405697	2022384781	<u>H02S 40 /-</u>
2022398862	2022395375	2022383509	<u>H01L 31 /-</u>	<u>H01R 13 /-</u>	2022362885
<u>G06N 3 /-</u>	<u>G07F 17 /-</u>	2022385572	2022425791	2022384781	2022382567
2022386790	2022385286	2022416430	2023278026	<u>H01R 24 /-</u>	<u>H02S 50 /-</u>
2022392233	<u>G08G 1 /-</u>	<u>G16H 30 /-</u>	2023343924	2022384781	2022381400
<u>G06Q 10 /-</u>	2021466299	2022377420	2023343930	<u>H01R 39 /-</u>	<u>H04B 1 /-</u>
2022356453	2022393802	2022383430	<u>H01M 10 /-</u>	2022384781	2022379195
2022359573	<u>G09F 3 /-</u>	2022392233	2022355963	<u>H01R 103 /-</u>	<u>H04B 10 /-</u>
2022380018	2022382680	<u>G16H 40 /-</u>	2022401839	2022384781	2022370373
2022382963	<u>G09G 3 /-</u>	2022358750	2022422086	<u>H01T 1 /-</u>	<u>H04B 7 /-</u>
2022410434	2022395906	2022375663	<u>H01M 50 /-</u>	2022386755	2022356212
2022457517	<u>G10K 11 /-</u>	2022378553	2022355963	<u>H01T 2 /-</u>	<u>H04J 3 /-</u>
2023285941	2022400925	2022383509	2022422086	2022386755	2022376963
<u>G06Q 20 /-</u>	<u>G10L 21 /-</u>	2022392233	<u>H01M 8 /-</u>	<u>H01T 4 /-</u>	<u>H04L 1 /-</u>
2022379544	2022360083	2022395092	2022397378	2022386755	2021475595
2022390057	2022374615	2022401221	2022405687	<u>H02B 7 /-</u>	<u>H04L 41 /-</u>
<u>G06Q 30 /-</u>	<u>G10L 25 /-</u>	<u>G16H 80 /-</u>	<u>H01P 5 /-</u>	2022413010	2022381817
2022376171	2022360083	2022385572	2022376964	<u>H02G 1 /-</u>	<u>H04L 43 /-</u>
2022376268	2022374615	<u>G16Y 40 /-</u>	<u>H01Q 1 /-</u>	2022400925	2022387364
2022380484	2022360083	2023204935	2021472065		
2022380597	2022374615		2022376960		
2022382680			2022376964		
<u>G06Q 50 /-</u>					
2022386902					

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

<u>H04L 47 /-</u>	<u>H04W 28 /-</u>
2022380766	2022380766
<u>H04L 65 /-</u>	<u>H04W 4 /-</u>
2022380766	2022370124
2022381817	2022383571
<u>H04L 67 /-</u>	<u>H04W 48 /-</u>
2022359573	2022367591
2022376963	<u>H04W 52 /-</u>
2022381817	
<u>H04L 69 /-</u>	2022370958
	2022383161
2022373575	<u>H04W 60 /-</u>
2022376963	
<u>H04L 9 /-</u>	2022381190
	<u>H04W 72 /-</u>
2022359573	
2022379544	2022371755
2022382007	2022450885
2022390024	
<u>H04N 1 /-</u>	<u>H04W 8 /-</u>
	2022381145
2022379644	
<u>H04N 21 /-</u>	<u>H05B 45 /-</u>
	2022380736
2021455735	
2022376171	<u>H05B 47 /-</u>
	2022380736
<u>H04Q 1 /-</u>	
2022379195	<u>H05K 7 /-</u>
	2022387276
<u>H04Q 3 /-</u>	
2022379195	<u>H10N 30 /-</u>
	2022377663
<u>H04R 1 /-</u>	
2022385084	
<u>H04R 25 /-</u>	
2022383571	
<u>H04R 3 /-</u>	
2022385084	
<u>H04R 5 /-</u>	
2022363547	
2022385084	
<u>H04S 1 /-</u>	
2022363547	
<u>H04S 7 /-</u>	
2022388677	
<u>H04W 12 /-</u>	
2022380010	
2022382007	

Applications Accepted

Name Index

(71) A.Y. Laboratories Ltd.
 (11) AU-B-2019286654
 (21) 2019286654 (22) 03.06.2019
 (54) System and method for monitoring process water treated with a biocide using an oxygen sensor
 (51) Int. Cl.
 C02F 1/50 (2006.01)
 C02F 1/76 (2006.01)
 (87) WO2019/239401
 (31) 62/684,305 (32) 13.06.18 (33) US
 (43) 19.12.2019
 (44) 16.05.2024
 (72) BARAK, Ayala
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C12N 5/10 (2006.01)
C12N 15/62 (2006.01)
C12N 15/85 (2006.01)
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B63C 11/46 (2006.01)

A63B 35/12 (2006.01)

B63B 32/00 (2020.01)

B63H 11/04 (2006.01)

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A61K 31/5575 (2006.01)
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A61K 31/422 (2006.01)
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C12P 21/08 (2006.01)
C12Q 1/04 (2006.01)
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A61K 31/497 (2006.01)
A61P 35/00 (2006.01)
C07D 211/22 (2006.01)
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A24D 3/06 (2006.01)
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A61P 35/00 (2006.01)
C07D 211/22 (2006.01)
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F24D 19/10 (2006.01)
F24D 17/02 (2006.01)
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F24D 19/00 (2006.01)
F24D 17/00 (2022.01)
F24D 17/02 (2006.01)
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F24F 11/41 (2018.01)
F24H 15/136 (2022.01)
F24H 15/152 (2022.01)
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F24D 19/10 (2006.01)
F24H 15/174 (2022.01)
F24H 15/219 (2022.01)
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F24D 17/02 (2006.01)
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F24H 15/152 (2022.01)
F24H 15/164 (2022.01)

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F24H 15/172 (2022.01)
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A61K 9/00 (2006.01)
A61K 47/10 (2017.01)
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 C22C 33/04 (2006.01)
 C22C 38/04 (2006.01)
 C22C 38/06 (2006.01)
 C22C 38/20 (2006.01)
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F25D 17/08 (2006.01)
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A61K 31/566 (2006.01)
A61K 31/724 (2006.01)
A61K 47/68 (2017.01)
A61P 3/00 (2006.01)
A61P 29/00 (2006.01)
A61P 35/00 (2006.01)
C07J 41/00 (2006.01)
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C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
C12Q 1/68 (2006.01)
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F17D 5/02 (2006.01)
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H01L 31/0236 (2006.01)
H01L 31/0745 (2012.01)
H01L 31/20 (2006.01)
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G05D 1/43 (2024.01)
G06N 20/10 (2019.01)
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E21D 21/00 (2006.01)
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 (51) Int. Cl.
A61K 39/395 (2006.01)

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A61K 31/167 (2006.01)
A61K 31/56 (2006.01)
A61P 11/06 (2006.01)
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C09J 123/14 (2006.01)
C08L 91/06 (2006.01)
C09J 123/20 (2006.01)
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H04L 12/28 (2006.01)
H04W 48/18 (2009.01)
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G01N 21/27 (2006.01)
G10L 15/22 (2006.01)
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A23K 10/12 (2016.01)
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A23L 33/105 (2016.01)
B01D 11/02 (2006.01)
C07H 15/00 (2006.01)
C07J 71/00 (2006.01)
C07K 1/14 (2006.01)
C07K 14/415 (2006.01)
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B65C 9/06 (2006.01)
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F16B 7/18 (2006.01)
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G05D 1/46 (2024.01)
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B09B 3/30 (2022.01)
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B09B 3/35 (2022.01)
B23P 19/04 (2006.01)
H01L 31/20 (2006.01)
H02S 30/20 (2014.01)
B09B 101/15 (2022.01)

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 B82Y 40/00 (2011.01)
 C01B 32/05 (2017.01)
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2017255077	Chugai Seiyaku Kabushiki Kaisha	2018332050	Hexatronic Cables & Interconnect Systems AB
2017272111	Momenta Pharmaceuticals, Inc.	2018332507	Tensar Technologies Limited
2017277288	University of Leicester; Omeros Corporation	2018346398	Mullin, B.
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2018203752	Hunter Douglas Inc.	2018373152	ShiraTronics, Inc.
2018206802	ASSA ABLOY Australia Pty Limited	2018374490	c-LEcta GmbH; New Matterhorn, LLC
2018209083	International N&H Denmark ApS	2018376037	Baoshan Iron & Steel Co., Ltd.
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2018247167	The University of North Carolina at Chapel Hill	2018422437	Guangdong Oppo Mobile Telecommunications Corp., Ltd.
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2018264057	Haigh Tooling Limited	2018424303	Alistella SA
2018264975	Valmont Industries, Inc.	2018433296	NTT DOCOMO, INC.
2018268038	Body Agent Ltd	2018436322	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP.,LTD.
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2018269935	Band Therapeutics, LLC	2019202646	Oticon Medical A/S
2018270088	The Broad Institute, Inc.; Massachusetts Institute of Technology; President and Fellows of Harvard College	2019203281	Flatow, W.
2018270784	Regeneron Pharmaceuticals, Inc.	2019203623	The Supporting Organization for the Georgia O'Keeffe Museum
2018271558	Kabushiki Kaisha Yakult Honsha	2019210204	EndoProtech, Inc.
2018273460	Fisher & Paykel Healthcare Limited	2019210612	The Boeing Company
2018279077	Stryker Corporation	2019212111	Ohio University
2018279094	Respiratory Motion, Inc.	2019228337	Cayago TEC GmbH
2018282629	Caterpillar Inc.	2019228913	Ishihara Sangyo Kaisha, Ltd.; Shizuoka Prefectural University Corporation
2018282874	Eyepoint Pharmaceuticals, Inc.	2019235439	Schneider Electric Industries SAS
2018283284	Cancer Advances Inc.	2019236099	Weatherford Technology Holdings, LLC
2018288385	One Water Naturally Pty Ltd	2019236408	Consejo Superior de Investigaciones Cientificas; Institució Catalana de Recerca I Estudis Avançats (ICREA)
2018290451	Lanzhou Deke Engineering Materials Co., Ltd; Zhang, M.	2019240773	Lateral IP Pty Ltd
2018293410	Richard Campey Limited	2019245931	Bridon International Limited
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2018297217	Silk Road Medical, Inc.	2019253703	SafeAI, Inc.
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2018306814	STRYKER EUROPEAN OPERATIONS HOLDINGS LLC	2019260283	IQIP HOLDING B.V.
2018309079	CorneaGen Inc.	2019262095	Open Airway Dental Solutions Ltd
2018309358	CY.R.I.C Cyprus Research and Innovation Center Ltd	2019272450	C.R. Bard, Inc.
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2018315094	Shenzhen Hightide Biopharmaceutical Ltd.	2019284618	Stardog Union
2018315622	Griffith University; Queensland University of Technology; Gold Coast Hospital and Health Service	2019284778	The Vanguard Group, Inc.
2018315641	Saipem S.p.A.	2019286654	A.Y. Laboratories Ltd.
2018317432	Evoqua Water Technologies LLC	2019293852	Abloy Oy
2018321107	Evonik Operations GmbH	2019299116	DAIHEN Corporation
2018327253	The Regents of the University of California	2019300862	Itron, Inc
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2019346118	Novartis AG	2021278960	Bose Corporation
2019377506	Halliburton Energy Services, Inc.	2021281038	EpinovaTech AB
2019386948	Halliburton Energy Services, Inc.	2021286409	JUNGWOO METAL IND. CO., LTD.
2019388895	Halliburton Energy Services, Inc.	2021286622	Vivo Mobile Communication Co., Ltd.
2019395618	Razer (Asia-Pacific) Pte. Ltd.	2021290304	Wing Aviation LLC
2020201899	Grifols, S.A.	2021291976	International Business Machines Corporation
2020203634	Telethon Kids Institute	2021295295	Commissariat A L'Energie Atomique Et Aux Energies Alternatives
2020210983	Glycolysis Biomed Co., Ltd	2021302559	Kabushiki Kaisha Toshiba; Toshiba Infrastructure Systems & Solutions Corporation
2020229324	DEKA Products Limited Partnership	2021305983	AstraZeneca AB
2020231183	Industries Fabkor Inc.	2021306151	Electrical Subsea & Drilling AS
2020232820	Huawei Technologies Co., Ltd.	2021311659	Kabushiki Kaisha EarthTechnica
2020239940	Bendix Commercial Vehicle Systems LLC	2021315148	Goto Concrete Co., Ltd.
2020244856	The Regents of the University of California	2021316071	Coöperatie Koninklijke Avebe U.A.
2020257785	Virentia Innovation Inc.	2021316877	Nicoventures Trading Limited
2020267142	Geron Corporation	2021320756	YETI Coolers, LLC
2020267206	Taiga Biotechnologies, Inc.	2021321393	AusMed Global Limited
2020277146	Bioverativ Therapeutics Inc.	2021323907	NicoNovum AB
2020277191	Sanofi Biotechnology; Regeneron Pharmaceuticals, Inc.	2021325639	PayPal, Inc.
2020277207	Regeneron Pharmaceuticals Inc.; Sanofi Biotechnology	2021327817	Qingdao Haier Refrigerator Co., Ltd.; Haier Smart Home Co., Ltd.
2020278780	Cascade Corporation	2021352040	ASAKA RIKEN CO.,LTD.
2020279506	Mountain Top (Denmark) ApS	2021354681	RISEN ENERGY CO., LTD.
2020283534	Eli Lilly and Company	2021364033	Halliburton Energy Services, Inc.
2020343339	Tineco Intelligent Technology Co., Ltd.	2021388896	FRONIUS INTERNATIONAL GMBH
2020356641	Stryker Corporation	2021391431	CUTSFORTH, INC.
2020356730	Wise Networking Pty Ltd	2021413008	Central South University
2020360341	Dai, A.	2021414253	MEDSHINE DISCOVERY INC.
2020363581	Keeson Technology Corporation Limited	2021460828	mitsubishi electric corporation
2020366375	Neutron Holdings, Inc. DBA Lime; Hillman, M.; Williams, B.; Jackson, P.; Cheung, M.	2022200193	Axena Health, Inc.
2020368600	Fast IP, LLC	2022200391	Ye, M.
2020368910	Oakley, Inc.	2022200430	Senecio Ltd.
2020379492	CJ CheilJedang Corporation	2022200590	AXSOME THERAPEUTICS, INC.
2020382671	LG Electronics Inc.	2022201029	Terra Quantum AG
2020384293	Victaulic Company	2022201161	IMPULSE DOWNHOLE SOLUTIONS LTD.
2020386189	Ildong Pharmaceutical Co., Ltd.	2022201213	Implantica Patent Ltd
2020409191	Mitsubishi Shipbuilding Co., Ltd.	2022201301	The Procter & Gamble Company
2020414719	Abbott Diabetes Care Inc.	2022201358	Air Products and Chemicals, Inc.
2020419005	Nuoya Robot (Zhejiang) Co., Ltd.	2022201530	University of Iowa Research Foundation
2020420912	Wonderland Switzerland AG	2022201909	Schneider Electric USA, Inc.
2020424027	UT-Battelle, LLC	2022202212	Industrial Technologies and Services, LLC
2020427333	Tianjin Meiteng Technology Co., Ltd.	2022202262	Snap-on Incorporated
2020435277	Zhao, Y.	2022202312	Anhui Wollin International Co., Ltd.
2020435745	NEC Corporation	2022202423	LG ELECTRONICS INC.
2020437047	NEC Corporation	2022202783	Kegspeed, LLC
2020473826	Sekisui House, Ltd.	2022202992	LG ELECTRONICS INC.
2021200465	Genentech, Inc.; F. HOFFMANN-LA ROCHE AG	2022203584	Eli Lilly and Company
2021200771	OILQUICK DEUTSCHLAND KG	2022203773	AgResearch Limited
2021201515	UCB Biopharma SRL	2022203947	LG ELECTRONICS INC.
2021203361	Illumina, Inc.	2022204350	TScan Therapeutics, Inc.; AHS Hospital Corp.
2021211287	Mitsubishi Heavy Industries Thermal Systems, Ltd.	2022204379	ZTE Corporation
2021218017	Blackhawk Network, Inc.	2022204523	TARIS Biomedical LLC
2021229154	Heraeus Medical GmbH	2022204705	BlueScope Steel Limited
2021229320	Huawei Technologies Co., Ltd.	2022204887	Dolby International AB
2021229445	ELC Management LLC	2022205175	PayPal, Inc.
2021233058	D3 Bio(Wuxi) Co., Ltd	2022206698	BROUWERS, A.L.; BROUWERS, R.
2021233067	Huawei Technologies Co., Ltd.	2022206750	Weatherford Technology Holdings, LLC
2021235525	International Business Machines Corporation	2022216913	OCTOPUS ENERGY HEATING LIMITED
2021238962	International Business Machines Corporation	2022216916	OCTOPUS ENERGY HEATING LIMITED
2021239844	Shukla Medical	2022217535	OCTOPUS ENERGY HEATING LIMITED
2021244485	Ocular Therapeutix, Inc.	2022217537	OCTOPUS ENERGY HEATING LIMITED
2021247720	Huawei Technologies Co., Ltd.	2022218488	Fisher & Paykel Healthcare Limited
2021248551	Automation Tech, LLC	2022218606	Schneider Electric Systems USA, Inc.
		2022221530	LG Electronics Inc.
		2022221571	Pocket Naloxone Corp.

Applications Accepted - Numerical Index cont'd

2022224766 Duke University
2022224852 Bullfrog International, LC
2022250102 PFIZER INC.
2022256123 Becton, Dickinson and Company
2022256135 Abbott Diabetes Care Inc.
2022256149 Hamm AG
2022263609 Apple Inc.
2022265323 BOEHRINGER INGELHEIM INTERNATIONAL GMBH
2022275395 ProKidney
2022275467 Winner Water Services
2022275503 DePuy Synthes Products, Inc.
2022275505 Wing Corporation; Asahi Kasei Construction Materials Corporation
2022275536 China Electric Power Research Institute
2022283637 ViaSat, Inc.
2022287536 TerraClear Inc.
2022287567 AIM Intelligent Machines, Inc.
2022287601 Colgate-Palmolive Company
2022325314 PANGANG GROUP PANZHUIHUA IRON & STEEL RESEARCH INSTITUTE CO., LTD.
2022352631 JIANGXI BENCAO TIANGONG TECHNOLOGY CO., LTD; JIANGXI UNIVERSITY OF TRADITIONAL CHINESE MEDICINE
2022353321 STATE GRID SHANXI ELECTRIC POWER RESEARCH INSTITUTE
2023200371 Einhell Germany AG
2023201198 Won Kwang S&T Co., Ltd.
2023202213 Schneider Electric Industries SAS
2023202235 Dexcom, Inc.
2023202526 Tencent America LLC
2023202732 Tencent America LLC
2023202772 Agios Pharmaceuticals, Inc.
2023202949 Google LLC
2023203394 LivePerson, Inc.
2023203778 Intuit Inc.
2023204082 East Carolina University
2023251489 Group One Limited
2023258630 ZINCOVERY PROCESS TECHNOLOGIES LIMITED
2023274071 MICRO CURRENT TECHNOLOGY, INC.
2023274182 Stile Board Pty Ltd
2024201123 Mobileye Vision Technologies Ltd.

IPC Index

<u>A01B 45 /-</u>	2020379492	<u>A61B 10 /-</u>	<u>A61H 21 /-</u>	2017277288	<u>A61M 35 /-</u>
2018293410	<u>A23L 5 /-</u>	2022200391	2018329218	2017285213	2022221571
<u>A01G 25 /-</u>	2020379492	<u>A61B 17 /-</u>	<u>A61H 23 /-</u>	2017441551	<u>A61M 37 /-</u>
2018264975	2021248551	2018279077	2018329218	2018256392	2018383633
<u>A01G 31 /-</u>	<u>A24B 15 /-</u>	2018306814	<u>A61J 1 /-</u>	2018283284	2022221571
2021257419	2021316877	2018329468	2020277191	2018310629	<u>A61M 39 /-</u>
<u>A01K 67 /-</u>	<u>A24D 3 /-</u>	2018346398	2020277207	2018351007	2018273460
2022200430	2021316877	2020356641	2021200465	2020277191	2019272450
<u>A01M 19 /-</u>	<u>A41B 9 /-</u>	202201213	<u>A61K 31 /-</u>	2022204350	2022218488
2019312087	2018268038	202275503	2017235571	<u>A61K 45 /-</u>	<u>A61M 5 /-</u>
<u>A01N 25 /-</u>	<u>A41D 31 /-</u>	<u>A61B 18 /-</u>	2018247167	2018315094	2021200465
2018422475	2018268038	2018297103	2018268400	2023204082	2021229154
2022203773	<u>A43B 11 /-</u>	2019276998	2018269935	<u>A61K 47 /-</u>	2022203584
<u>A01N 43 /-</u>	<u>A43B 3 /-</u>	<u>A61B 34 /-</u>	2018270784	2017228020	2022221571
2019308165	2020368600	2020356641	2018304450	2017255077	<u>A61N 1 /-</u>
<u>A21B 1 /-</u>	<u>A43C 11 /-</u>	<u>A61B 5 /-</u>	2018315094	2018270784	2018373152
2021248551	2020368600	2018279094	2018327614	2018372185	2019228913
<u>A22B 3 /-</u>	<u>A43C 3 /-</u>	2018309358	2018366022	2019228913	2021244485
2019312087	<u>A43C 11 /-</u>	2018391014	2018379321	2021244485	2021259426
<u>A23J 1 /-</u>	<u>A47C 15 /-</u>	2020414719	2018382895	2022200590	2023274071
2020257785	<u>A47C 17 /-</u>	2022201530	2019210204	<u>A61K 48 /-</u>	<u>A61P 1 /-</u>
2022203773	<u>A47C 19 /-</u>	2022256135	2019228913	2018327253	2018315094
<u>A23J 3 /-</u>	<u>A47C 15 /-</u>	<u>A61B 8 /-</u>	2019326768	<u>A61K 8 /-</u>	2019228913
2018346480	<u>A47C 17 /-</u>	2019212111	2019346118	2021229445	2022287601
2018346481	<u>A47C 17 /-</u>	<u>A61B 90 /-</u>	2020210983	2022201301	<u>A61P 11 /-</u>
2020257785	<u>A47C 19 /-</u>	2022200590	2020267142	<u>A61K 9 /-</u>	2018382895
<u>A23J 3 /-</u>	<u>A47J 31 /-</u>	2022250102	2020277191	2017255077	2019228913
2021316071	2020363581	2022265323	2020386189	2018282874	2020203634
<u>A23K 10 /-</u>	<u>A47J 36 /-</u>	2022287601	2021233058	2018304450	2020277191
2020257785	<u>A47J 31 /-</u>	2023202772	2021277491	2018372185	<u>A61P 13 /-</u>
2022203773	2018305188	2023204082	2021305983	2019210204	2018315094
<u>A23K 40 /-</u>	2018424303	<u>A61F 2 /-</u>	2021414253	2019228913	2021295295
2022203773	2020363581	2018258673	2022200590	2021200465	2021305983
<u>A23L 11 /-</u>	<u>A47C 19 /-</u>	2018315622	2022250102	2021244485	2021414253
2018346480	<u>A47C 17 /-</u>	2018346398	2022265323	2021277491	<u>A61P 19 /-</u>
<u>A23L 29 /-</u>	<u>A47K 17 /-</u>	<u>A61F 5 /-</u>	2022287601	2022204523	2017249629
2018327614	2019201692	2019262095	2022287601	2022287601	<u>A61P 25 /-</u>
<u>A23L 33 /-</u>	<u>A47K 17 /-</u>	2019272450	<u>A61K 33 /-</u>	2023204082	2018270784
2018271558	2018424303	<u>A61F 6 /-</u>	2018327614	<u>A61L 27 /-</u>	2018315094
2018327614	2020363581	2022201213	2022287601	2022275395	2018379321
2018346480	<u>A47K 3 /-</u>	<u>A61F 9 /-</u>	<u>A61K 35 /-</u>	<u>A61M 16 /-</u>	<u>A61P 29 /-</u>
2018346481	<u>A47L 11 /-</u>	2018309079	2017441551	2018273460	2018270784
2020257785	2023274182	2020368910	2020203634	2022218488	2019228913
<u>A23L 33 /-</u>	<u>A47L 11 /-</u>	<u>A61G 7 /-</u>	2020267206	<u>A61M 25 /-</u>	2019240773
2018271558	2020343339	2019251413	<u>A61K 38 /-</u>	2018297217	202200590
2018327614	<u>A61B 1 /-</u>	<u>A61H 19 /-</u>	2017249629	2019272450	2022352631
2018346480	2022275503	2018329218	2017444998	<u>A61M 31 /-</u>	<u>A61P 3 /-</u>
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			2019240773	2017255077	2019240773
			2020277146		
			2021259426		
			2021295295		

Applications Accepted - IPC Index cont'd

2020210983 2023202772	<u>A63B 23 /-</u>	<u>B21B 1 /-</u>	<u>B60J 5 /-</u>	<u>B64C 39 /-</u>	<u>B66F 9 /-</u>
<u>A61P 31 /-</u>	2022224852	2018376037	2020231183	2020356730 2021290304	2020278780
2018379321 2020203634 2022265323	<u>A63B 35 /-</u>	<u>B21B 37 /-</u>	<u>B60J 7 /-</u>	<u>B64D 1 /-</u>	<u>B82Y 40 /-</u>
<u>A61P 33 /-</u>	2019228337	2018376037	2020279506	2021290304 2022200430	2020435277
2021277491	<u>A63B 47 /-</u>	<u>B22F 1 /-</u>	<u>B60L 53 /-</u>	<u>B64D 45 /-</u>	<u>C01B 32 /-</u>
<u>A61P 35 /-</u>	2022287536	2020435277	2019299116	<u>B64D 45 /-</u>	2020435277
2017228020 2017285213 2017441551 2018268400 2018270784 2018351007 2019326768 2019346118 2020267142 2020386189 2021233058 2021295295 2022250102 2023202772	<u>A63B 71 /-</u>	<u>B22F 9 /-</u>	<u>B60P 3 /-</u>	2021290304	<u>C01B 33 /-</u>
<u>A61P 37 /-</u>	2022200193 2023251489	2020435277	2018217327	<u>B64D 9 /-</u>	2020435277
2018310629	<u>B01D 11 /-</u>	<u>B23B 27 /-</u>	<u>B60P 7 /-</u>	2018241222	<u>C01B 35 /-</u>
<u>A61P 43 /-</u>	2020257785 2020424027	2018299423	2018241222	<u>B65B 13 /-</u>	2020435277
2019228913	<u>B01D 21 /-</u>	<u>B23B 29 /-</u>	<u>B60Q 1 /-</u>	2018241222	<u>C01D 15 /-</u>
<u>A61P 5 /-</u>	2018288385 2018317432	2018299423	2020366375	<u>B65B 21 /-</u>	2020360341 2021352040
2018315094	<u>B01D 35 /-</u>	<u>B23F 15 /-</u>	<u>B60R 3 /-</u>	2018215057	<u>C01D 3 /-</u>
<u>A61P 7 /-</u>	2022202212	2022202212	2022202312	<u>B65B 29 /-</u>	2021352040
2017255077 2020267142 2023202772	<u>B01D 53 /-</u>	<u>B23P 19 /-</u>	<u>B60T 17 /-</u>	2018424303	<u>C02F 1 /-</u>
<u>A61P 9 /-</u>	2022202423	2023201198	2020239940	<u>B65B 35 /-</u>	2018288385 2019286654 2022275467
2018315094 2018379321 2021295295	<u>B01D 69 /-</u>	<u>B25B 13 /-</u>	<u>B61L 15 /-</u>	2018215057	<u>C02F 101 /-</u>
<u>A61Q 11 /-</u>	2018315641	2022202262	2021413008	<u>B65C 9 /-</u>	2022275467
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<u>A61Q 19 /-</u>	2020424027	2022202262	2020420912	<u>B65D 1 /-</u>	2018317432
2021229445	<u>B02C 23 /-</u>	<u>B25B 5 /-</u>	<u>B62D 33 /-</u>	2021323907	<u>C02F 3 /-</u>
<u>A62B 35 /-</u>	2021311659	2020278780	2020231183	<u>B65D 19 /-</u>	2018317432
2019251413	<u>B02C 25 /-</u>	<u>B25H 3 /-</u>	<u>B63B 25 /-</u>	2018241222	<u>C05F 11 /-</u>
<u>A62B 9 /-</u>	2018366175	2021320756	2020409191	<u>B65D 21 /-</u>	2022203773
2019262095	<u>B02C 25 /-</u>	<u>B25J 13 /-</u>	<u>B63B 32 /-</u>	2021320756 2021323907	<u>C07C 13 /-</u>
<u>A63B 21 /-</u>	2021311659	2020278780	2019228337	<u>B65D 71 /-</u>	2021256474
2022224852	<u>B02C 4 /-</u>	<u>B29C 67 /-</u>	<u>B63B 35 /-</u>	2018241222	<u>C07C 235 /-</u>
	<u>B05B 12 /-</u>	2021256474	2020419005	<u>B65D 77 /-</u>	<u>C07C 405 /-</u>
	<u>B07C 5 /-</u>	<u>B32B 27 /-</u>	<u>B63B 43 /-</u>	2018241222	<u>C07C 45 /-</u>
	<u>B08B 1 /-</u>	2021256474	2020419005	<u>B65D 81 /-</u>	<u>C07C 45 /-</u>
	<u>B09B 101 /-</u>	<u>B32B 5 /-</u>	<u>B63C 11 /-</u>	2019203623	<u>C07C 49 /-</u>
	<u>B09B 3 /-</u>	2018268038	2019228337	<u>B65G 47 /-</u>	<u>C07D 211 /-</u>
		<u>B33Y 80 /-</u>	<u>B63C 9 /-</u>	2018215057	<u>C07D 213 /-</u>
		2019262095	2018201682	<u>B65G 49 /-</u>	2022352631
		<u>B42D 25 /-</u>	<u>B63H 11 /-</u>	2019203623	2018366022 2019346118
		2019254794	2019228337	<u>B66C 1 /-</u>	2019326768
		<u>B60J 11 /-</u>	<u>B63H 21 /-</u>	2019260283	
		2018217327	2019228337		

Applications Accepted - IPC Index cont'd

<u>C07D 401 /-</u>	2018383633 2020257785 2021201515 2021259426 2021295295 2022204350	<u>C11B 1 /-</u>	<u>C22B 59 /-</u>	2018282629 2022287567	<u>E05D 11 /-</u>
2019308165 2019326768 2019346118 2021414253 2022265323		2020257785	2020424027		2019257456
<u>C07D 403 /-</u>	<u>C07K 16 /-</u>	<u>C12N 1 /-</u>	<u>C22B 7 /-</u>	<u>E03B 7 /-</u>	<u>E06B 9 /-</u>
2021233058 2021414253	2017235571 2017272111 2017288985 2017322377	2018209083 2022203773 2022224766	2023258630	2018303789	2018203752
<u>C07D 405 /-</u>	2017235571 2017272111 2017288985 2017322377 2018242880 2018256392 2018351007 2020277207 2021201515	<u>C12N 15 /-</u>	<u>C22C 1 /-</u>	<u>E03D 9 /-</u>	<u>E21B 17 /-</u>
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<u>C07D 413 /-</u>	<u>C07K 19 /-</u>	<u>C12N 5 /-</u>	<u>C22C 33 /-</u>	<u>E03F 5 /-</u>	<u>E21B 23 /-</u>
2018379321	2017441551 2020267206	2017441551 2018242880 2020257785 2020267206	2022325314	2018288385 2023274182	2017439373 2019236099 2019388895 2021364033
<u>C07D 419 /-</u>	<u>C07K 7 /-</u>	<u>C12N 7 /-</u>	<u>C22C 38 /-</u>	<u>E04B 1 /-</u>	<u>E21B 29 /-</u>
2021233058	2019240773	2017285213	2018376037 2022325314	2018201152 2023274182	2019388895 2022206750
<u>C07D 471 /-</u>	<u>C08F 265 /-</u>	<u>C12N 9 /-</u>	<u>D03D 15 /-</u>	<u>E04B 2 /-</u>	<u>E21B 31 /-</u>
2021233058 2022250102	2021256474	2017378990 2018270088 2018327253 2018374490 2020257785	2019251413	2018201152	2019236099
<u>C07D 473 /-</u>	<u>C08F 32 /-</u>	<u>C12N 9 /-</u>	<u>D07B 1 /-</u>	<u>E04C 3 /-</u>	<u>E21B 33 /-</u>
2020386189	2021256474	2017285213	2019245931	2018201152	2019386948 2021306151
<u>C07D 487 /-</u>	<u>C08G 61 /-</u>	<u>C12N 9 /-</u>	<u>E01B 1 /-</u>	<u>E04D 13 /-</u>	<u>E21B 33 /-</u>
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<u>C07D 491 /-</u>	<u>C08H 1 /-</u>	<u>C12P 19 /-</u>	<u>E01B 2 /-</u>	<u>E04D 3 /-</u>	<u>E21B 34 /-</u>
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<u>C07D 495 /-</u>	<u>C08J 9 /-</u>	<u>C12P 21 /-</u>	<u>E01B 3 /-</u>	<u>E04F 10 /-</u>	<u>E21B 41 /-</u>
2022265323	2018321107	2017277288 2018242880 2018348518	2021256474	2018217327	2019377506 2019386948 2019388895
<u>C07D 513 /-</u>	<u>C08K 3 /-</u>	<u>C12Q 1 /-</u>	<u>E01B 9 /-</u>	<u>E04F 15 /-</u>	<u>E21B 43 /-</u>
2023202772	2021256474	2018242880 2020277207 2021203361 2022200391	2021256474	2023274182	2019377506
<u>C07H 15 /-</u>	<u>C08L 67 /-</u>	<u>C13B 50 /-</u>	<u>E01C 19 /-</u>	<u>E04G 5 /-</u>	<u>E21B 43 /-</u>
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<u>C07J 41 /-</u>	<u>C08L 89 /-</u>	<u>C21C 7 /-</u>	<u>E01C 3 /-</u>	<u>E04H 15 /-</u>	<u>E21B 7 /-</u>
2018270784	2020257785	2022325314	2018290451 2018332507	2018217327 2022206698	2019388895 2022201161
<u>C07J 71 /-</u>	<u>C08L 91 /-</u>	<u>C22B 19 /-</u>	<u>E02B 15 /-</u>	<u>E05B 17 /-</u>	<u>E21D 21 /-</u>
2018270784 2020257785	2019333873	2023258630	2020419005	2019293852	2018410544
<u>C07K 1 /-</u>	<u>C09D 11 /-</u>	<u>C22B 3 /-</u>	<u>E02D 17 /-</u>	<u>E05B 49 /-</u>	<u>F02C 9 /-</u>
2018310629 2020257785	2018354942	2020424027	2018290451	2020435745 2020437047	2022201358
<u>C07K 14 /-</u>	<u>C09J 123 /-</u>	<u>C22B 3 /-</u>	<u>E02D 3 /-</u>	<u>E05B 65 /-</u>	<u>F03B 13 /-</u>
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	2018354942		<u>E02D 5 /-</u>	<u>E05C 1 /-</u>	<u>F03D 5 /-</u>
	2019333873		2022275505	2018206802	2018224814
	2019254794		<u>E02F 3 /-</u>	<u>E05C 17 /-</u>	<u>F03D 9 /-</u>
			2021200771	2019257456	2018224814
			<u>E02F 9 /-</u>		

Applications Accepted - IPC Index cont'd

<u>F04B 43 /-</u>	<u>F17C 13 /-</u>	2022221530	2021388896	<u>G06F 11 /-</u>	<u>G06T 17 /-</u>
2020201899	2020409191	<u>F25D 23 /-</u>	<u>G01S 13 /-</u>	2022201909	2019342612
<u>F04B 51 /-</u>	<u>F17C 6 /-</u>	2020382671	2021460828	2022218606	
2020201899	2020409191	2022221530	<u>G01S 17 /-</u>	<u>G06F 13 /-</u>	<u>G06T 7 /-</u>
<u>F04C 18 /-</u>	<u>F17D 5 /-</u>	<u>F25D 29 /-</u>	2022287567	2019395618	2018370976
2022202212	2018303789	2020382671	<u>G01S 19 /-</u>	<u>G06F 16 /-</u>	<u>G06T 9 /-</u>
<u>F15B 1 /-</u>	<u>F24D 17 /-</u>	<u>G01C 21 /-</u>	2022287567	2019284618	2019256021
2018329218	2022216913	2020229324	<u>G01S 5 /-</u>	2020244856	<u>G07C 9 /-</u>
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2018329218	2022217537	2024201123	<u>G01D 4 /-</u>	<u>G06F 21 /-</u>	2020437047
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2018329218	2022216913	<u>G01F 17 /-</u>	2021460828	2020244856	2021325639
<u>F15C 3 /-</u>	2022216916	<u>G01F 17 /-</u>	<u>G01S 7 /-</u>	2022205175	
2018329218	2022217535	2018370976	<u>G01V 1 /-</u>	2023203778	<u>G10L 15 /-</u>
<u>F16B 21 /-</u>	2022217537	<u>G01H 11 /-</u>	2019306507	<u>G06F 3 /-</u>	2020343339
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<u>F16B 5 /-</u>	2022202992	2021413008	2019306507	<u>G06K 17 /-</u>	<u>G10L 19 /-</u>
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2020473826	2022216916	<u>G01L 9 /-</u>	<u>G02B 6 /-</u>	2021218017	2023202235
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<u>F16K 27 /-</u>	2021211287	<u>G01M 3 /-</u>	<u>G05B 1 /-</u>	2022202783	2022263609
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2022275505	2021211287	<u>G01N 21 /-</u>	<u>G05B 17 /-</u>	2022201358	<u>H01H 1 /-</u>
<u>F16K 31 /-</u>	<u>F24F 5 /-</u>	2020343339	2022201358	<u>G06N 3 /-</u>	2023202213
2020239940	2021211287	2021321393	<u>G05B 19 /-</u>	2019253703	<u>H01H 3 /-</u>
<u>F16K 31 /-</u>	<u>F24H 15 /-</u>	<u>G01N 27 /-</u>	2018264975	2019284618	2023202213
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2021306151	2022217535	2020414719	2023200371	<u>G06N 5 /-</u>	<u>H01H 9 /-</u>
<u>F16L 11 /-</u>	2022217537	<u>G01N 33 /-</u>	<u>G05B 23 /-</u>	2019284618	2023202213
2018273460	<u>F25C 1 /-</u>	2018242880	2021302559	<u>G06Q 10 /-</u>	<u>H01L 21 /-</u>
<u>F16L 13 /-</u>	2022203947	2020283534	2022201358	2019203281	2021238962
2021286409	<u>F25D 1 /-</u>	2020414719	2023200371	2022202783	2021281038
<u>F16L 17 /-</u>	2021315148	2022287601	<u>G05D 1 /-</u>	<u>G06Q 20 /-</u>	<u>H01L 27 /-</u>
2020384293	<u>F25D 11 /-</u>	<u>G01N 35 /-</u>	2018422588	2021325639	2021238962
<u>F16L 19 /-</u>	2020382671	2022256123	2019253703	<u>G06Q 30 /-</u>	<u>H01L 29 /-</u>
2018264057	<u>F25D 17 /-</u>	<u>G01R 19 /-</u>	2020229324	2019203281	2021238962
<u>F16L 21 /-</u>	2021327817	2022201909	2020356730	<u>G06Q 50 /-</u>	2021281038
2020384293	2022203947	<u>G01R 27 /-</u>	2022287536	2022201909	<u>H01L 31 /-</u>
2022275505	2022221530	2021388896	2022287567	<u>G06T 1 /-</u>	2021354681
<u>F16L 59 /-</u>	<u>F25D 21 /-</u>	<u>G01R 31 /-</u>	2018264975	2020435745	2023201198
2022221530				2020437047	<u>H01M 10 /-</u>

Applications Accepted - IPC Index cont'd

2021235525	<u>H04L 47 /-</u>	2019300862
<u>H01M 6 /-</u>	2021247720	2021278033
2019236408	<u>H04L 5 /-</u>	<u>H04W 8 /-</u>
<u>H01R 39 /-</u>	2021233067	2018436322
2021391431	2022204379	2021278033
<u>H02H 3 /-</u>	<u>H04L 51 /-</u>	<u>H04W 80 /-</u>
2021388896	2023203394	2021247720
<u>H02J 3 /-</u>	<u>H04L 61 /-</u>	2021271726
2018264975	2021247720	<u>H04W 84 /-</u>
2019299116	<u>H04L 69 /-</u>	2019300862
2019321015	2021271726	2019301627
2022275536	<u>H04L 9 /-</u>	2021271726
2022353321	2019203281	<u>H04W 88 /-</u>
<u>H02J 7 /-</u>	2019284778	2018422437
2019299116	2022201029	2021271726
2019321015	2023203778	<u>H05B 47 /-</u>
<u>H02J 9 /-</u>	<u>H04N 19 /-</u>	2020366375
2019299116	2020232820	<u>H05B 6 /-</u>
2019321015	2023202526	2021248551
<u>H02K 7 /-</u>	2023202732	<u>H10N 70 /-</u>
2018224814	<u>H04R 1 /-</u>	2021291976
2023200371	2021278960	
<u>H02M 1 /-</u>	<u>H04R 25 /-</u>	
2019321015	2021278960	
<u>H02S 20 /-</u>	<u>H04W 24 /-</u>	
2022204705	2021229320	
<u>H02S 30 /-</u>	<u>H04W 28 /-</u>	
2023201198	2018433296	
<u>H02S 50 /-</u>	2019323306	
2021388896	2021286622	
<u>H04B 10 /-</u>	<u>H04W 4 /-</u>	
2022201029	2019301627	
<u>H04B 7 /-</u>	<u>H04W 40 /-</u>	
2018422437	2021271726	
2021229320	<u>H04W 48 /-</u>	
<u>H04L 1 /-</u>	2019235439	
2019255767	<u>H04W 72 /-</u>	
2019323306	2018422437	
<u>H04L 12 /-</u>	2018433296	
2019235439	2018436322	
2021271726	2019255767	
<u>H04L 45 /-</u>	2019323306	
2022283637	2022204379	
	<u>H04W 76 /-</u>	

Certified Innovation Patents

Name Index

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

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- | | |
|--|---|
| <p>(71) Dyno Nobel Inc.
 (11) AU-B-2023100099
 (21) 2023100099 (22) 12.12.2023
 (54) Systems for automated loading of blatholes and methods related thereto
 (51) Int. Cl.
 <i>F42D 1/08</i> (2006.01)
 <i>E21B 41/00</i> (2006.01)
 <i>E21B 43/263</i> (2006.01)
 <i>E21B 47/00</i> (2012.01)
 <i>F42D 3/04</i> (2006.01)
 (45) 16.05.2024
 (62) 2019212935
 (72) AVERETT, Jeff; GILTNER, Scott;
 O'CONNOR, Patrick
 (74) Spruson & Ferguson</p> | <p>(71) Western Australian Agriculture Authority; Grains Research and Development Corporation
 (11) AU-B-2023100078
 (21) 2023100078 (22) 05.09.2023
 (54) Turbulence monitoring and forecasting systems and methods
 (51) Int. Cl.
 <i>G01W 1/00</i> (2006.01)
 <i>G01W 1/06</i> (2006.01)
 (45) 16.05.2024
 (62) 2020301720
 (72) GRACE, Warwick; TEPPER, Graeme;
 STIDWORTHY, Amy; SEATON, Martin;
 CARRUTHERS, David
 (74) FORWARD INTELLECTUAL PROPERTY PTY LTD</p> |
|--|---|

-
- (71) Dyno Nobel Inc.
 (11) AU-B-2023100100
 (21) 2023100100 (22) 12.12.2023
 (54) Systems for automated loading of blatholes and methods related thereto
 (51) Int. Cl.
 F42D 1/10 (2006.01)
 E21B 41/00 (2006.01)
 E21B 43/263 (2006.01)
 E21B 47/00 (2012.01)
 F42D 3/04 (2006.01)
 (45) 16.05.2024
 (62) 2019212935
 (72) AVERETT, Jeff; GILTNER, Scott;
 O'CONNOR, Patrick
 (74) Spruson & Ferguson

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- (71) Dyno Nobel Inc.
 (11) AU-B-2023100101
 (21) 2023100101 (22) 12.12.2023
 (54) Systems for automated loading of blatholes and methods related thereto
 (51) Int. Cl.
 F42D 1/10 (2006.01)
 E21B 41/00 (2006.01)
 E21B 43/263 (2006.01)
 E21B 47/00 (2012.01)
 F42D 3/04 (2006.01)
 (45) 16.05.2024
 (62) 2019212935
 (72) AVERETT, Jeff; GILTNER, Scott;
 O'CONNOR, Patrick
 (74) Spruson & Ferguson

-
- Grains Research and Development Corporation see Western Australian Agriculture Authority**
 (21) 2023100078
-

Numerical Index

- 2023100078** Western Australian Agriculture Authority; Grains Research and Development Corporation
- 2023100099** Dyno Nobel Inc.
- 2023100100** Dyno Nobel Inc.
- 2023100101** Dyno Nobel Inc.

IPC Index

E21B 41 /-

2023100099
2023100100
2023100101

E21B 43 /-

2023100099
2023100100
2023100101

E21B 47 /-

2023100099
2023100100
2023100101

F42D 1 /-

2023100099
2023100100
2023100101

F42D 3 /-

2023100099
2023100100
2023100101

G01W 1 /-

2023100078

Opposition Proceedings

(The name in parentheses is that of the opponent)

Applications Withdrawn

2017210650	LAA Industries Pty Ltd (Allied Pumps Pty Ltd)
2017210650	LAA Industries Pty Ltd (Taranis Power Group Pty Ltd)
2017210650	LAA Industries Pty Ltd (Anderson, S.)
2022204061	Taranis Power Group Pty Ltd (UON Pty Ltd)

Patents Granted

Standard Patents

2016372570	2017205270	2017212655	2017219602
2017232718	2017246664	2017261618	2017263568
2017278193	2017279841	2017313268	2017329025
2017346232	2017405734	2017438178	2018201186
2018201693	2018203796	2018203967	2018204930
2018208045	2018214093	2018218788	2018221171
2018224862	2018225128	2018225309	2018227302
2018230046	2018230262	2018230598	2018232835
2018236848	2018237357	2018239659	2018240840
2018246951	2018250213	2018250440	2018251237
2018252010	2018255199	2018255769	2018260872
2018260919	2018261651	2018262533	2018265242
2018269675	2018273804	2018274723	2018278315
2018282747	2018283762	2018285562	2018290293
2018290801	2018293718	2018294509	2018298123
2018298273	2018303468	2018303494	2018303801
2018308818	2018310705	2018313034	2018315740
2018334117	2018337955	2018343118	2018346482
2018346682	2018346819	2018346820	2018347716
2018349426	2018352528	2018354431	2018354714
2018355693	2018361865	2018363235	2018363539
2018363943	2018364290	2018373385	2018373546
2018373927	2018382216	2018383636	2018383882
2018391531	2018411891	2018421731	2018425896
2019201684	2019204688	2019206306	2019209346
2019220670	2019221715	2019222698	2019223977
2019229738	2019230666	2019232384	2019235610
2019236248	2019240080	2019251289	2019255805
2019268945	2019270348	2019273559	2019274793
2019279427	2019284129	2019286808	2019293020
2019296166	2019344565	2019344897	2019358893
2019359885	2019378567	2019382288	2019393833
2019403015	2019446188	2019454416	2019457339
2019474027	2019474692	2019479828	2020207418
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2020291796	2020292062	2020297232	2020325569
2020341409	2020343681	2020351319	2020351715
2020360403	2020361963	2020363397	2020368789
2020372454	2020385200	2020385351	2020385492
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2020409190	2020409800	2020431701	2020455288
2020456397	2020458061	2020470423	2020477933
2021200010	2021201109	2021206097	2021206684
2021206832	2021209899	2021212153	2021212618
2021220763	2021221762	2021224078	2021225130
2021235330	2021236350	2021240316	2021241518
2021243894	2021246147	2021253009	2021253243
2021254538	2021254643	2021255130	2021255176
2021260154	2021261859	2021261866	2021261876
2021262054	2021265486	2021266008	2021266230
2021267507	2021269369	2021269400	2021270892

Patents Granted

Standard Patents

2021272678	2021273641	2021274046	2021277748
2021282442	2021282552	2021286245	2021286276
2021286319	2021286400	2021286401	2021290223
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2021312941	2021317306	2021325431	2021345410
2021354361	2021355061	2021371829	2021373300
2021382316	2021385080	2021387679	2021426902
2021428696	2021430656	2021458805	2022200333
2022200474	2022200624	2022200633	2022200745
2022200911	2022201148	2022201233	2022201539
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2022203000	2022203336	2022203402	2022203881
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2022268348	2022268394	2022271390	2022271427
2022271440	2022275480	2022287647	2022287666
2022387397	2022430004	2023200037	2023200191
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2023200732	2023201005	2023202807	2023203885
2023208193	2023266277	2023270192	

Innovation Patents

2017101945	2019101854
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Offer to Surrender

It is hereby notified that **MOV3MENT Pty Ltd 115 Mt O'Reilly Rd , Samford Valley QLD 4520** , the Patentee of Patent 2017100251 dated 16.03.2017 for an invention titled ' A METHOD OF DETERMINING OPERATIONAL EFFICIENCY OF A HEAVY DUTY VEHICLE' offers to surrender the said Patent. Any person desiring to be heard before the said offer to surrender is accepted must lodge a request to be heard within one month from the date of this journal.

Assignments Registered

2004204381	Kyowa Kirin Services Ltd	The patent has been assigned to Kyowa Kirin International Holdco Limited
2004286000	iSPAN SYSTEMS LP	The patent has been assigned to Bailey Metal Products Limited
2005269361	GetThere Inc.	The patent has been assigned to GetThere L.P.
2006344726	E. I. du Pont de Nemours and Company	The patent has been assigned to Dupont Electronics Inc
2007284105	Viasys Holdings Inc.	The patent has been assigned to Microtek Medical, Inc.
2008231570	Aker BioMarine Antarctic AS	The patent has been assigned to Aker BioMarine Human Ingredients AS
2009300898	Kyowa Kirin Services Ltd	The patent has been assigned to Kyowa Kirin International Holdco Limited
2010212201	Kyowa Kirin Services Ltd	The patent has been assigned to Kyowa Kirin International Holdco Limited
2011345443	Seabox AS	The patent has been assigned to Grant Prideco, Inc.
2012200960	iSPAN SYSTEMS LP	The patent has been assigned to Bailey Metal Products Limited

Assignments Registered

- 2012213170 Kyowa Kirin Services Ltd The patent has been assigned to **Kyowa Kirin International Holdco Limited**
- 2012308110 IT3 IP Pty Ltd The patent has been assigned to **MM Infrastructure Supplies Pty Ltd**
- 2014253864 Maruho Medical, Inc. The patent has been assigned to **Maruho Co., Ltd.**
- 2014316697 Clip-Lok International Limited The patent has been assigned to **AL Emballage A/S**
- 2014316698 Clip-Lok International Limited The patent has been assigned to **AL Emballage A/S**
- 2015202220 Ekebol Pty Ltd The patent has been assigned to **EKEBOL AUSTRALIA PTY LTD**
- 2015205525 Aker Biomarine Antarctic AS The patent has been assigned to **Aker BioMarine Human Ingredients AS**
- 2015211344 GaffTech, LLC The patent has been assigned to **Bron Tapes, LLC**
- 2015335607 Calidi Biotherapeutics, Inc. The patent has been assigned to **Calidi Biotherapeutics (Nevada), Inc.**
- 2015369831 Systimmune, Inc.; Baili-Bio (Chengdu) Pharmaceutical Co., Ltd. The patent has been assigned to **Systimmune, Inc.**
- 2016201168 Aker BioMarine Antarctic AS The patent has been assigned to **Aker BioMarine Human Ingredients AS**
- 2016217473 SciClone Pharmaceuticals International Ltd. The patent has been assigned to **Sci Clone Pharmaceuticals International (SG) PTE. LTD.**
- 2016217566 Aker BioMarine Antarctic AS The patent has been assigned to **Aker BioMarine Human Ingredients AS**
- 2017436113 GCL International Sarl The patent has been assigned to **Guala Closures S.p.A.**
- 2018205180 Ashland Licensing and Intellectual Property, LLC; Imperial Innovations Limited The patent has been assigned to **Imperial Innovations Limited; VGP IPCO LLC**
- 2018310477 Advanced New Technologies Co., Ltd. The patent has been assigned to **Advanced Nova Technologies (Singapore) Holding Pte. Ltd.**
- 2018311200 GCL International S.A.R.L. The patent has been assigned to **Guala Closures S.p.A.**
- 2018327217 Advanced New Technologies Co., Ltd. The patent has been assigned to **Advanced Nova Technologies (Singapore) Holding Pte. Ltd.**
- 2019200690 Maruho Medical, Inc. The patent has been assigned to **Maruho Co., Ltd.**
- 2019203314 AKER Biomarine Antarctic AS The patent has been assigned to **Aker BioMarine Human Ingredients AS**
- 2019206035 Fellowship of Orthopaedic Researchers, Inc. The patent has been assigned to **Gomboc, LLC**
- 2019206074 Fellowship of Orthopaedic Researchers, Inc. The patent has been assigned to **Gomboc, LLC**
- 2019210168 Thomson, Jay The patent has been assigned to **One Brake Pty Ltd**

Assignments Registered

- 2020104498 Thomson, Jay The patent has been assigned to **One Brake Pty Ltd**
- 2020419591 Maruho Medical, Inc. The patent has been assigned to **Maruho Co., Ltd.**
- 2021201064 Fellowship of Orthopaedic Researchers, Inc. The patent has been assigned to **Gomboc, LLC**
- 2021266206 Shandong University; Shandong Alesmart Intelligent Technology Co., Ltd. The patent has been assigned to **Shandong Alesmart Intelligent Technology Co., Ltd.**

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Accepted

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

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

2014348523 **Akebia Therapeutics, Inc.**

The earliest first regulatory approval date provided by the patentee 04 Oct 2023

For the goods VAFSEO vadadustat

Address for service : FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

Extensions granted

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

2013226361 **Bristol-Myers Squibb Company**

The earliest first regulatory approval date provided by the patentee 27 Jul 2023

For the goods NURTEC ODT rimegepant

Extension of Term of patent pursuant to Section 77 expires on 25 Feb 2038

Corrigenda

In Vol 58 , No 18 , Page(s) 2651 under the heading **Applications Accepted - Name Index** Delete all reference to 2022231690.

Specifications Republished

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

- 2020255332 **The University of Sheffield**
 2020287227 **Membion GmbH**
 2021390673 **COMPAGNIA COMMERCIALE SRL**
 2021395250 **KNORR-BREMSE SYSTEME FÜR SCHIENENFAHRZEUGE GMBH**
 2021395736 **BIONTECH SE**
 2021396366 **PHOENIX TAILINGS, INC.**
 2021397319 **ERASCA, INC.**
 2021399215 **RUNNERFLY LTD**
 2021399865 **GIVAUDAN SA**
 2021400854 **SYSTEMATICS LIMITED**
 2021401739 **SANOFI**
 2021402090 **ABLX NV; SANOFI**
 2021402788 **HUNG, M.**
 2021404157 **SHAHEEN INNOVATIONS HOLDING LIMITED**
 2021404936 **REVOLVE SURGICAL INC.**

Specifications Republished

2021409196 KYOTO UNIVERSITY; ID PHARMA CO., LTD.
 2021410077 NEOGENE THERAPEUTICS B.V.
 2021410088 LUCOMM TECHNOLOGIES, INC.
 2021410630 COLORADO STATE UNIVERSITY RESEARCH FOUNDATION; CETYA THERAPEUTICS, INC.
 2021411947 LANTERN PHARMA INC.
 2021412792 INDEPENDENCE STOVE COMPANY LLC
 2021413893 DEXCOM, INC.
 2021414592 SOUTHERN UNIVERSITY OF SCIENCE AND TECHNOLOGY; SUN YAT-SEN UNIVERSITY
 2021415943 BEIJING TENSAM HIGH-TECH WIND POWER TECHNOLOGY CO., LTD.
 2021416514 AMERICAN STERILIZER COMPANY
 2021416610 BOLY MEDIA COMMUNICATIONS (SHENZHEN) CO., LTD.
 2021417032 LACTOBIO A/S
 2021417970 SUMITOMO CHEMICAL COMPANY, LIMITED; NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY; AINO UNIVERSITY
 2021418438 NATIONAL UNIVERSITY CORPORATION TOKAI NATIONAL HIGHER EDUCATION AND RESEARCH SYSTEM
 2021420578 MONCLER S.P.A.
 2021421146 RAYTHEON COMPANY
 2021425254 FORMSTEEL TECHNOLOGIES LIMITED
 2021430302 WING AVIATION LLC
 2021432629 LIN, H.
 2021434229 HITACHI, LTD.
 2021437956 MITSUBISHI ELECTRIC CORPORATION
 2021440929 LEAR CORPORATION
 2022205113 LUIGI LAVAZZA S.P.A.
 2022206460 IVIEW THERAPEUTICS, INC.
 2022206515 HUAWEI TECHNOLOGIES CO., LTD.
 2022206565 EYEORA LIMITED
 2022207540 QINGDAO HAIER REFRIGERATOR CO., LTD.; HAIER SMART HOME CO., LTD.
 2022207688 HOFMEIR MAGNETICS LIMITED
 2022208056 ELC MANAGEMENT LLC
 2022208723 CONOCOPHILLIPS COMPANY
 2022209714 LIMCACO, C.A.
 2022210301 EDWARDS LIFESCIENCES CORPORATION
 2022210365 CELLDX THERAPEUTICS, INC.
 2022210499 PANDROL
 2022210509 EGIS GYÓGYSZERGYÁR ZRT.
 2022212119 VECTIVBIO AG
 2022212299 AZITRA INC
 2022212475 TIENSE SUIKERRAFFINADERIJ NV; MEAM BV
 2022212493 PHILIP MORRIS PRODUCTS S.A.
 2022212571 RENAULT, J.
 2022212767 HAYGROVE LIMITED
 2022213420 AB INITIO TECHNOLOGY LLC
 2022213504 WALLAC OY
 2022214122 BASF SE
 2022214125 DAMAE MEDICAL
 2022214447 CHROMADEX INC.
 2022214582 KOREA RESEARCH INSTITUTE OF CHEMICAL TECHNOLOGY
 2022214843 ZOETIS SERVICES LLC
 2022214898 MAX-PLANCK-GESELLSCHAFT ZUR FÖRDERUNG DER WISSENSCHAFTEN E.V.
 2022215118 3Z EHF
 2022215571 E INK CORPORATION
 2022216818 ACM BIOLABS PTE LTD
 2022217272 OHIO STATE INNOVATION FOUNDATION
 2022217436 LEONARDO UK LTD
 2022217767 THE GENERAL HOSPITAL CORPORATION
 2022217785 E INK CORPORATION
 2022217799 AUTONOMOUS SOLUTIONS, INC.
 2022218780 BOSTON SCIENTIFIC SCIMED INC.
 2022218953 RAYTHEON COMPANY

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2022219163 ESSILOR INTERNATIONAL
 2022219346 TONGLI BIOMEDICAL CO., LTD.
 2022220340 MARQUEZ LOPEZ, F.
 2022221297 THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES
 2022221708 SIMPSON STRONG-TIE COMPANY INC.
 2022222531 TSINGHUA UNIVERSITY
 2022223374 BLACK CAT WEAR PARTS LTD.
 2022223750 CAREL INDUSTRIES S.P.A.
 2022224520 CERES INTELLECTUAL PROPERTY COMPANY LIMITED
 2022224967 JANSSEN VACCINES & PREVENTION B.V.
 2022225146 SAINT-GOBAIN ISOVER
 2022226284 PRECIGEN, INC.
 2022226660 LYELL IMMUNOPHARMA, INC.
 2022228541 ELI LILLY AND COMPANY
 2022229722 IDEXX LABORATORIES, INC.
 2022231845 INTERNATIONAL BUSINESS MACHINES CORPORATION
 2022232517 TERRAN BIOSCIENCES, INC.; THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK; THE RESEARCH FOUNDATION FOR MENTAL HYGIENE, INC.
 2022232566 GI INNOVATION, INC.
 2022233152 AMGEN INC.
 2022233243 UNILEVER GLOBAL IP LIMITED
 2022235362 CJ CHEILJEDANG CORPORATION
 2022241767 STROMA MEDICAL CORPORATION
 2022244306 IDEMIA IDENTITY & SECURITY FRANCE
 2022244472 BRAVADO HOLDING AG
 2022246751 THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY
 2022263102 SAMSUNG ELECTRONICS CO., LTD.
 2022267054 TYCO FIRE PRODUCTS LP
 2022301223 WUHAN NARI LIMITED LIABILITY COMPANY OF STATE GRID ELECTRIC POWER RESEARCH INSTITUTE
 2022313786 BOSTON SCIENTIFIC MEDICAL DEVICE LIMITED; BOSTON SCIENTIFIC SCIMED, INC.
 2022414348 ZHANG, X.