



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

Contents

General Information & Notices

Amendments

Applications for Amendment	584
Amendments Made	585
Alteration of Name(s) of Applicant(s)/Patentee(s)	587

Applications Accepted

Name Index	657
Numerical Index	703
IPC Index	707

Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired	581
---	-----

Applications Open to Public Inspection

Name Index	589
Numerical Index	605
IPC Index	607

Assignments before Grant, Section 113	583
---	-----

Assignments Registered	714
------------------------------	-----

Complete Applications Filed

Name Index	578
Numerical Index	580

Corrigenda	716
------------------	-----

Discharge of a Licence	
------------------------------	--

Extensions of Term of Standard Patents	715
--	-----

Extensions of Time, Section 223	584
---------------------------------------	-----

PCT applications which have entered the National Phase

AUSTRALIAN OFFICIAL JOURNAL OF PATENTS

30 January 2025

Name Index	610
Numerical Index	646
IPC Index	650

Patents Granted	714
------------------------------	------------

Opposition Proceedings	714
-------------------------------------	------------

Provisional Applications Filed

Name Index	575
Numerical Index	577

Specifications Republished	716
---	------------

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

Sales

Requests for Information under Section 194 (c)

Country Codes

Trade Mark and Designs Hearing Sessions

INID (Internationally agreed Numbers for the Identification of Data)

GUIDE TO THE USE OF THIS JOURNAL

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

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

(i) FILING -

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

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

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

(iii) ACCEPTANCE –

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

(iv) OPPOSITION –

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

(v) GRANTING –

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

(vi) CERTIFICATION

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

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

How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

How Australian Patent Documents are Numbered

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

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

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

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

See Examples:

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

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

Arrangement of Information in the Journal

For each of the categories

(i) Provisional Applications Filed, (ii)

Complete Applications Filed, (iii)

Applications Open to Public Inspection

(iv) Applications Accepted, and (v)

Innovation Patent Certified.

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

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

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

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

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

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

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

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

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

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

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

The following Numerical Indices are available:

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

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

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

The indices to use are

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

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

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

'INID' NUMBERS in use on Australian Patent Documents

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

(10) Document identification

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

(20) Document filing data

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

(30) Priority data

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

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

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

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

(50) Technical Information

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

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

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

(70) Identification of parties concerned with the document

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

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

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

NOTE

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

AU-A = Pre-examination

AU-B = Post-examination

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

Proceedings under the Patents Act 1990

Provisional Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 14 Jan 2025 .

(71) 5B IP Holdings Pty Ltd (21) 2025900148 (22) 20.01.2025 (54) A Photovoltaic Array	(71) craig, m. (21) 2025900113 (22) 15.01.2025 (54) ezycig	(71) Macdonald, J. (21) 2025900154 (22) 20.01.2025 (54) Wave Spiral Energy Device
(71) Active Anchors Pty Limited (21) 2025900165 (22) 21.01.2025 (54) Releasable Marine Anchor	(71) Edith Cowan University (21) 2025900142 (22) 17.01.2025 (54) Lithium Extraction	McLoughlin, S. see EduLinked (21) 2025900147
(71) Air Vent Pizza Boxes (21) 2025900144 (22) 18.01.2025 (54) Air Vent Pizza Box	(71) EduLinked; McLoughlin, S. (21) 2025900147 (22) 19.01.2025 (54) Strategic Self-Inclusion and Self-Advocacy for Organisational Accountability	(71) MEADER, K. (21) 2025900158 (22) 20.01.2025 (54) IMPROVEMENTS IN HAND OPERATED POWER TOOL .
(71) Australian Grain Technologies (21) 2025900104 (22) 14.01.2025 (54) Herbicide tolerant lupin	(71) Evans, B. (21) 2025900145 (22) 19.01.2025 (54) Articulated Coordination Punching Bag	(71) Misti Labs Pty Ltd (21) 2025900102 (22) 14.01.2025 (54) Interdigital Transducer
(71) AVESTA CONSULTING PTY LTD (21) 2025900116 (22) 15.01.2025 (54) Fluid Storage Vessel	(71) Fuelspec Services Assets Pty Ltd (21) 2025900150 (22) 20.01.2025 (54) ELECTRICAL CONNECTORS FOR A VEHICLE CHASSIS AND RELATED METHODS	(71) Neurotologix Pty Ltd (21) 2025900152 (22) 20.01.2025 (54) APPARATUS AND METHOD FOR USE IN INVESTIGATING OR ASSESSING EYE OR PUPIL MOVEMENT
(71) BRIAN, C.; SARA JADE, C. (21) 2025900138 (22) 17.01.2025 (54) LIQUID BREWING PRODUCT AND PROCESS	(71) GEE, J. (21) 2025900129 (22) 16.01.2025 (54) Fitting for adding a sprinkler to an existing irrigation system	(71) Newlite Pty Ltd (21) 2025900120 (22) 15.01.2025 (54) METHOD OF FORMING COHESIVE BODIES ON SITE FROM A COHESIBLE SUBSTANCE
(71) Bucci, A. (21) 2025900130 (22) 17.01.2025 (54) An accessory for a mobile phone to play arcade style games	(71) GP go Pty Ltd (21) 2025900128 (22) 16.01.2025 (54) Digital Platform for Enhancing General Practitioner Accessibility and Profitability	(71) Opal Packaging Australia Pty Ltd (21) 2025900167 (22) 21.01.2025 (54) A sack
(71) Calix Ltd (21) 2025900105 (22) 14.01.2025 (54) SYSTEMS AND PROCESSES FOR CO2 SEQUESTRATION	(71) Gunaratne, P.M. (21) 2025900164 (22) 21.01.2025 (54) Taxis (Tangential and Axial) flux Electric Machine using Amplitude Modulation	(71) Peraeque Pty Ltd (21) 2025900163 (22) 21.01.2025 (54) FURNITURE LEG ASSEMBLY
(71) campbell, j. (21) 2025900119 (22) 15.01.2025 (54) ZIPP ALARM, for tents swags caravans and camping		(71) PREDICTIVE ANALYTICS GROUP PTY LTD (21) 2025900121 (22) 15.01.2025 (54) METHOD AND APPARATUS FOR MATERIAL ANALYSIS

Provisional Applications Filed - Name Index cont'd

(71) Queensland University of Technology
(21) 2025900106 (22) 14.01.2025
(54) Distributed Machine Learning

(71) RAINSTICK HOLDINGS PTY LTD
(21) 2025900134 (22) 17.01.2025
(54) DEVICES CONFIGURED TO EMIT ELECTRIC FIELDS IN PRESENCE OF MAGNETIC FIELD SUPPRESSION, INCLUDING SUCH DEVICES CONFIGURED TO FACILITATE TREATMENT OF SAMPLES, INCLUDING BIOLOGICAL SAMPLES

(71) RAINSTICK HOLDINGS PTY LTD
(21) 2025900135 (22) 17.01.2025
(54) TECHNOLOGY CONFIGURED TO ENABLE TREATMENT OF SAMPLES, INCLUDING BIOLOGICAL SAMPLES, USING A COMBINATION OF VARIABLE ELECTRIC FIELD GENERATION AND MAGNETIC FIELD SUPPRESSION

(71) RAINSTICK HOLDINGS PTY LTD
(21) 2025900136 (22) 17.01.2025
(54) TREATMENT OF SAMPLES, INCLUDING BIOLOGICAL SAMPLES, CONFIGURED TO FACILITATE ENHANCED BEHAVIOURS AND/OR ATTRIBUTES, USING A COMBINATION OF ELECTRIC FIELD GENERATION AND MAGNETIC FIELD SUPPRESSION

(71) Rowbotham, R.
(21) 2025900132 (22) 17.01.2025
(54) FORMWORK SYSTEM

SARA JADE, C. see BRIAN, C.
(21) 2025900138

(71) scampoli, s.
(21) 2025900160 (22) 21.01.2025
(54) Boat protection

(71) Smart, P.
(21) 2025900123 (22) 16.01.2025
(54) Storage Arrangement & Closable Opening Therefore

(71) Squaretail Pty Ltd
(21) 2025900140 (22) 17.01.2025
(54) Method and apparatus for removing carbon dioxide from a gas

(71) ST & DA Pty Ltd
(21) 2025900108 (22) 14.01.2025
(54) Systems and Methods for Operating Vehicle Lifts

(71) Stantec Australia Pty Ltd
(21) 2025900166 (22) 21.01.2025
(54) Method and System for Inhibiting Corrosion

(71) THE LEISURE COLLECTIVE INTERNATIONAL PTY LTD
(21) 2025900110 (22) 14.01.2025
(54) Improved leash attachment

(71) The University of Melbourne
(21) 2025900137 (22) 17.01.2025
(54) Fertiliser

(71) The Walter and Eliza Hall Institute of Medical Research
(21) 2025900162 (22) 21.01.2025
(54) Dendritic cell culture method

(71) TNK2 PTY LTD
(21) 2025900126 (22) 16.01.2025
(54) Behavioural Assessment for Individual Cyber Risk Quantification

(71) Tottenham, B.
(21) 2025900133 (22) 17.01.2025
(54) A Barber Chair

(71) Wave Consulting Australia Pty Ltd
(21) 2025900161 (22) 21.01.2025
(54) IN SITU STORMWATER DIVERSION TRAY

(71) Wyman, K.
(21) 2025900146 (22) 19.01.2025
(54) Ergonomic knife attachment and design

Numerical Index

2025900102	Misti Labs Pty Ltd
2025900104	Australian Grain Technologies
2025900105	Calix Ltd
2025900106	Queensland University of Technology
2025900108	ST & DA Pty Ltd
2025900110	THE LEISURE COLLECTIVE INTERNATIONAL PTY LTD
2025900113	craig, m.
2025900116	AVESTA CONSULTING PTY LTD
2025900119	campbell, j.
2025900120	Newlite Pty Ltd
2025900121	PREDICTIVE ANALYTICS GROUP PTY LTD
2025900123	Smart, P.
2025900126	TNK2 PTY LTD
2025900128	GP go Pty Ltd
2025900129	GEE, J.
2025900130	Bucceri, A.
2025900132	Rowbotham, R.
2025900133	Tottenham, B.
2025900134	RAINSTICK HOLDINGS PTY LTD
2025900135	RAINSTICK HOLDINGS PTY LTD
2025900136	RAINSTICK HOLDINGS PTY LTD
2025900137	The University of Melbourne
2025900138	BRIAN, C.; SARA JADE, C.
2025900140	Squaretail Pty Ltd
2025900142	Edith Cowan University
2025900144	Air Vent Pizza Boxes
2025900145	Evans, B.
2025900146	Wyman, K.
2025900147	EduLinked; McLoughlin, S.
2025900148	5B IP Holdings Pty Ltd
2025900150	Fuelspec Services Assets Pty Ltd
2025900152	Neurotologix Pty Ltd
2025900154	Macdonald, J.
2025900158	MEADER, K.
2025900160	scampoli, s.
2025900161	Wave Consulting Australia Pty Ltd
2025900162	The Walter and Eliza Hall Institute of Medical Research
2025900163	Peraeque Pty Ltd
2025900164	Gunaratne, P.M.
2025900165	Active Anchors Pty Limited
2025900166	Stantec Australia Pty Ltd
2025900167	Opal Packaging Australia Pty Ltd

Complete Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 14 Jan 2025 .

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

(71) Abbott Diabetes Care Inc. (21) 2025200276 (22) 14.01.2025 (54) Sensors and methods for measuring pH	(54) Methods, apparatus and systems for three degrees of freedom (3DoF+) extension of MPEG-H 3D audio	Hunan Xiangchu Xianlu Environmental Protection Technology Co., Ltd. see Hunan University of Science and Technology (21) 2025200294
(71) AFL Telecommunications LLC (21) 2025200299 (22) 16.01.2025 (54) Telecommunications panel and fiber management structures	(71) Dongguan Shichang Metals Factory Ltd. (21) 2025200308 (22) 16.01.2025 (54) FOLDING CHAIR	(71) Illinois Tool Works Inc. (21) 2025200342 (22) 16.01.2025 (54) Powered fastener driving tools and clean lubricants therefor
(71) American Sterilizer Company (21) 2025200388 (22) 20.01.2025 (54) Patient warming system	(71) Duke University (21) 2025200327 (22) 16.01.2025 (54) Lasofoxifene treatment of ER+ breast cancer	(71) Illinois Tool Works Inc. (21) 2025200398 (22) 21.01.2025 (54) Threaded rod hanger
(71) American Sterilizer Company (21) 2025200405 (22) 21.01.2025 (54) Proximity detection for a surgical light	(71) Element Biosciences, Inc. (21) 2025200380 (22) 20.01.2025 (54) Multivalent binding composition for nucleic acid analysis	(71) Illinois Tool Works Inc. (21) 2025200404 (22) 21.01.2025 (54) Threaded rod hanger
(71) Artificial Lift Production International Corp. o/a AL PRO International Corp. (21) 2025200372 (22) 17.01.2025 (54) REGENERATIVE PUMPING SYSTEM AND METHOD	(71) Fresenius Kabi USA, LLC (21) 2025200283 (22) 15.01.2025 (54) Delivery of multiple fluids from multiple fluid pumps	(71) Illinois Tool Works Inc. (21) 2025200409 (22) 21.01.2025 (54) Threaded rod hanger
(71) Avedro, Inc. (21) 2025200361 (22) 17.01.2025 (54) PHOTOACTIVATION SYSTEMS AND METHODS FOR CORNEAL CROSS-LINKING TREATMENTS	(71) Haworth, Inc. (21) 2025200302 (22) 16.01.2025 (54) Back support attachment system for an office chair	Innate Pharma see MedImmune Limited (21) 2025200275
(71) BASF Plant Science Company GmbH (21) 2025200328 (22) 16.01.2025 (54) Novel fatty acid desaturases and elongases and uses thereof	(71) Haworth, Inc. (21) 2025200305 (22) 16.01.2025 (54) Seat back for an office chair	(71) Intuit Inc. (21) 2025200381 (22) 20.01.2025 (54) Automated electronic document creation through machine learning
(71) Canva Pty Ltd (21) 2025200317 (22) 16.01.2025 (54) Conditional image generation	(71) Henry Johnson Pty Ltd (21) 2025200411 (22) 21.01.2025 (54) BLADE SHARPENER	(71) Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation (21) 2025200311 (22) 16.01.2025 (54) Carbon dioxide electrolysis apparatus and carbon dioxide electrolysis method
(71) Canva Pty Ltd (21) 2025200322 (22) 16.01.2025 (54) Conditional image generation	(71) Hickory Design Pty Ltd (21) 2025200281 (22) 15.01.2025 (54) Methods and apparatus for constructing multi-storey buildings	(71) LG ELECTRONICS INC. (21) 2025200307 (22) 16.01.2025 (54) APPARATUS FOR TREATING LAUNDRY
(71) Colgate-Palmolive Company (21) 2025200353 (22) 17.01.2025 (54) Peroxymonosulfate whitening strips	(71) Hunan University of Science and Technology; Hunan Xiangchu Xianlu Environmental Protection Technology Co., Ltd. (21) 2025200294 (22) 15.01.2025 (54) Method for preparing general-purpose cement through chlorination roasting of aluminosilicate	(71) Lolaa (21) 2025200392 (22) 20.01.2025 (54) Wearable Double Sided Heating Pad
(71) Dolby International AB (21) 2025200367 (22) 17.01.2025		(71) Magenta Medical Ltd (21) 2025200291 (22) 15.01.2025 (54) Ventricular assist device

Complete Applications Filed - Name Index cont'd

(71) Mederis Diabetes, LLC
(21) 2025200349 (22) 17.01.2025
(54) IMPROVED PEPTIDE PHARMACEUTICALS FOR TREATMENT OF NASH AND OTHER DISORDERS

(71) MedImmune Limited; Innate Pharma
(21) 2025200275 (22) 14.01.2025
(54) TREATMENT OF CANCER

(71) Music & Lights S.r.l.
(21) 2025200284 (22) 15.01.2025
(54) Light beam projection device

(71) Nanjing Chervon Industry Co., Ltd.
(21) 2025200401 (22) 21.01.2025
(54) CHAINSAW

(71) Next Science IP Holdings Pty Ltd
(21) 2025200400 (22) 21.01.2025
(54) COMPOSITIONS AND METHODS FOR TREATING INTERVERTEBRAL DISCS

(71) Ocado Innovation Limited
(21) 2025200289 (22) 15.01.2025
(54) Robotic service device and handling method

(71) OneFul Health, Inc.
(21) 2025200374 (22) 17.01.2025
(54) METHOD AND SYSTEM FOR MAKING PERSONALIZED NUTRITIONAL AND PHARMACEUTICAL FORMULATIONS USING ADDITIVE MANUFACTURING

(71) PALEO B.V.
(21) 2025200277 (22) 14.01.2025
(54) MEAT SUBSTITUTE COMPRISING ANIMAL MYOGLOBIN

PATHI, J.M. see PATHI, J.M.
(21) 2025200343

(71) PATHI, J.M.; PATHI, J.M.
(21) 2025200343 (22) 17.01.2025
(54) Real-Time Monitoring and Maintenance System for Conveyor Belt Rollers

(71) Pratt Retail Specialties, LLC
(21) 2025200280 (22) 14.01.2025
(54) Modular Box Assembly

(71) ResMed Pty Ltd
(21) 2025200278 (22) 14.01.2025
(54) VENT AND VENT ADAPTOR FOR PATIENT INTERFACE

(71) Revell, A.
(21) 2025200298 (22) 16.01.2025
(54) Potwall Freestanding Vertical Garden System

(71) Safariland, LLC
(21) 2025200271 (22) 14.01.2025
(54) Holster

(71) Shenzhen Lidacheng Technology Co., Ltd.
(21) 2025200391 (22) 20.01.2025
(54) GAMEPAD PROTECTIVE SLEEVE

(71) Smith, C.
(21) 2025200378 (22) 18.01.2025
(54) EXTENSION APPARATUS FOR WING MIRROR MOUNTING BRACKET

(71) Takeda Pharmaceutical Company Limited
(21) 2025200386 (22) 20.01.2025
(54) Evaluation, assays and treatment of pKa-mediated disorders

(71) Techtronic Cordless GP
(21) 2025200296 (22) 15.01.2025
(54) Converting User Inputs On A Lawn-mower

(71) Techtronic Cordless GP
(21) 2025200389 (22) 20.01.2025
(54) Charging device and charging system

(71) Techtronic Cordless GP
(21) 2025200394 (22) 20.01.2025
(54) Power Tool

(71) Techtronic Cordless GP
(21) 2025200395 (22) 20.01.2025
(54) Power Tool Status Indicator

(71) Tencent America LLC
(21) 2025200357 (22) 17.01.2025
(54) METHOD AND APPARATUS FOR SIGNALING SKIP MODE FLAG

(71) Terex GB Limited
(21) 2025200304 (22) 16.01.2025
(54) MATERIAL PROCESSING DEVICE WITH VARIABLE OPERATING MECHANISM

(71) The Boeing Company
(21) 2025200292 (22) 15.01.2025
(54) Method and system for generating a detector for process monitoring

(71) THE CGP LAB LIMITED
(21) 2025200383 (22) 20.01.2025
(54) Animal, Fungal and Marine Sources of cGP and Increased cGP Concentration for Disease Management and for Treatment of Non-Neurological and/or Neurological Conditions

(71) THE PROCTER & GAMBLE COMPANY
(21) 2025200397 (22) 21.01.2025
(54) ORAL CARE COMPOSITIONS COMPRISING PRENYLATED FLAVONOIDS

Toshiba Energy Systems & Solutions Corporation see Kabushiki Kaisha Toshiba
(21) 2025200311

(71) Tran, M.
(21) 2025200339 (22) 16.01.2025
(54) Ratchet strap tightening/levering tool - For extra leverage, extension of range, hammer, and adjustable spanner end. designed to be a mechanical aid with multiple functions

(71) TRUE DIGITAL SURGERY
(21) 2025200370 (22) 17.01.2025
(54) AUTO-NAVIGATING DIGITAL SURGICAL MICROSCOPE

(71) University of South Carolina
(21) 2025200306 (22) 16.01.2025
(54) Electrochemical ion extraction apparatus and method of use

(71) Wonderland Switzerland AG
(21) 2025200310 (22) 16.01.2025
(54) Carrier frame

(71) Zimmer, Inc.
(21) 2025200297 (22) 16.01.2025
(54) REVISION KNEE ARTHROPLASTY METHODS AND INSTRUMENTS

Numerical Index

2025200271	Safariland, LLC
2025200275	MedImmune Limited; Innate Pharma
2025200276	Abbott Diabetes Care Inc.
2025200277	PALEO B.V.
2025200278	ResMed Pty Ltd
2025200280	Pratt Retail Specialties, LLC
2025200281	Hickory Design Pty Ltd
2025200283	Fresenius Kabi USA, LLC
2025200284	Music & Lights S.r.l.
2025200289	Ocado Innovation Limited
2025200291	Magenta Medical Ltd
2025200292	The Boeing Company
2025200294	Hunan University of Science and Technology; Hunan Xiangchu Xianlu Environmental Protection Technology Co., Ltd.
2025200296	Techtronic Cordless GP
2025200297	Zimmer, Inc.
2025200298	Revell, A.
2025200299	AFL Telecommunications LLC
2025200302	Haworth, Inc.
2025200304	Terex GB Limited
2025200305	Haworth, Inc.
2025200306	University of South Carolina
2025200307	LG ELECTRONICS INC.
2025200308	Dongguan Shichang Metals Factory Ltd.
2025200310	Wonderland Switzerland AG
2025200311	Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation
2025200317	Canva Pty Ltd
2025200322	Canva Pty Ltd
2025200327	Duke University
2025200328	BASF Plant Science Company GmbH
2025200339	Tran, M.
2025200342	Illinois Tool Works Inc.
2025200343	PATHI, J.M.; PATHI, J.M.
2025200349	Mederis Diabetes, LLC
2025200353	Colgate-Palmolive Company
2025200357	Tencent America LLC
2025200361	Avedro, Inc.
2025200367	Dolby International AB
2025200370	TRUE DIGITAL SURGERY
2025200372	Artificial Lift Production International Corp. o/a AL PRO International Corp.
2025200374	OneFul Health, Inc.
2025200378	Smith, C.
2025200380	Element Biosciences, Inc.
2025200381	Intuit Inc.
2025200383	THE CGP LAB LIMITED
2025200386	Takeda Pharmaceutical Company Limited
2025200388	American Sterilizer Company
2025200389	Techtronic Cordless GP
2025200391	Shenzhen Lidacheng Technology Co., Ltd.
2025200392	Lolaa
2025200394	Techtronic Cordless GP
2025200395	Techtronic Cordless GP
2025200397	THE PROCTER & GAMBLE COMPANY
2025200398	Illinois Tool Works Inc.
2025200400	Next Science IP Holdings Pty Ltd
2025200401	Nanjing Chervon Industry Co., Ltd.
2025200404	Illinois Tool Works Inc.
2025200405	American Sterilizer Company
2025200409	Illinois Tool Works Inc.
2025200411	Henry Johnson 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

2005

2005200052 (14)	2005200115 (14)	2005200150 (14)
2005202816 (14)	2005202820 (14)	2005202989 (14)
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2005204554 (14)	2005204563 (14)	2005204576 (14)
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2005205066 (14)	2005205072 (14)	2005205117 (14)
2005205419 (14)	2005205506 (14)	2005205531 (14)
2005205674 (14)	2005205856 (14)	2005206119 (14)
2005206130 (14)	2005206132 (14)	2005206133 (14)
2005206143 (14)	2005206513 (14)	2005206679 (14)
2005206729 (14)	2005206794 (14)	2005206813 (14)
2005206822 (14)	2005206834 (14)	2005206837 (14)
2005206866 (14)	2005207380 (14)	2005207563 (14)
2005207572 (14)	2005207573 (14)	2005208492 (14)
2005209211 (14)	2005213962 (14)	2005216853 (14)
2005237199 (14)	2005250311 (14)	2005258520 (14)
2005258569 (14)	2005258935 (14)	2005258948 (14)
2005259395 (14)	2005260024 (14)	2005260268 (14)

2005260567 (14)	2005260731 (14)	2005261096 (14)
2005261353 (14)	2005262070 (14)	2005263446 (14)
2005263447 (14)	2005263448 (14)	2005263449 (14)
2005263450 (14)	2005264829 (14)	2005267592 (14)
2005272214 (14)	2005275368 (14)	2005275478 (14)
2005275535 (14)	2005277927 (14)	2005277928 (14)
2005292685 (14)	2005315114 (14)	2005324740 (14)
2005324845 (14)		

2006

2006202718 (14)	2006202787 (14)	2006202857 (14)
2006202908 (14)	2006202922 (14)	2006262999 (14)
2006263434 (14)	2006263437 (14)	2006263882 (14)
2006263884 (14)	2006264598 (14)	2006264686 (14)
2006264691 (14)	2006265769 (14)	2006266103 (14)
2006266501 (14)	2006266529 (14)	2006266546 (14)
2006266557 (14)	2006267448 (14)	2006268788 (14)
2006269457 (14)	2006269597 (14)	2006269927 (14)
2006276360 (14)	2006276786 (14)	2006281761 (14)
2006296175 (14)	2006335367 (14)	2006335368 (14)
2006341171 (14)	2006345722 (14)	2006345956 (14)

2007

2007203032 (14)	2007264399 (14)	2007264409 (14)
2007264665 (14)	2007265789 (14)	2007269655 (14)
2007269768 (14)	2007270831 (14)	2007270872 (14)
2007272728 (14)	2007273081 (14)	2007275492 (14)
2007275844 (14)	2007355542 (14)	2007355591 (14)

2008

2008201520 (14)	2008202903 (14)	2008202939 (14)
2008203300 (14)	2008243152 (14)	2008243243 (14)
2008267584 (14)	2008268014 (14)	2008268275 (14)
2008268399 (14)	2008269516 (14)	2008269580 (14)
2008269989 (14)	2008270313 (14)	2008271359 (14)
2008272026 (14)	2008272030 (14)	2008272682 (14)
2008272903 (14)	2008274582 (14)	2008275316 (14)
2008275416 (14)	2008276622 (14)	2008277777 (14)
2008284177 (14)	2008291788 (14)	2008358358 (14)

2009

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2009202758 (14)	2009245825 (14)	2009261920 (14)
2009261982 (14)	2009261991 (14)	2009262122 (14)
2009262153 (14)	2009262365 (14)	2009264822 (14)
2009265290 (14)	2009265313 (14)	2009265804 (14)
2009266603 (14)	2009266879 (14)	2009266924 (14)
2009266935 (14)	2009266952 (14)	2009266982 (14)
2009267007 (14)	2009267044 (14)	2009267769 (14)
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2010265907 (14)	2010265908 (14)	2010265909 (14)
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2010268021 (14)	2010268786 (14)	2010269127 (14)
2010269242 (14)	2010269912 (14)	2010269913 (14)
2010270334 (14)	2010270601 (14)	2010270829 (14)
2010270835 (14)	2010272272 (14)	2010272714 (14)
2010273710 (14)	2010293157 (14)	2010305177 (14)

2011

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2011272394 (14)	2011272716 (14)	2011273176 (14)
2011273195 (14)	2011273910 (14)	2011274212 (14)
2011274293 (14)	2011274360 (14)	2011274657 (14)
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2011276365 (14)	2011276394 (14)	2011276409 (14)

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2012

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 2012277308 (14) 2012277526 (14) 2012277548 (14)
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2013

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 2013280236 (14) 2013280346 (14) 2013280369 (14)
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 2013282739 (14) 2013282767 (14) 2013282957 (14)
 2013283177 (14) 2013283339 (14) 2013284398 (14)
 2013284661 (14) 2013284831 (14) 2013284832 (14)
 2013284895 (14) 2013285081 (14) 2013285456 (14)
 2013286102 (14) 2013286114 (14) 2013289015 (14)
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2014

2014202880 (14) 2014203449 (14) 2014203518 (14)
 2014203782 (14) 2014274579 (14) 2014284298 (14)
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 2014292361 (14) 2014295508 (14) 2014296764 (14)
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 2014302296 (14) 2014304876 (14) 2014308177 (14)
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2015

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2016

2016201212 (14) 2016201551 (14) 2016201840 (14)
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 2016290448 (14) 2016290504 (14) 2016290523 (14)
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2017

2017100022 (22) 2017100023 (22) 2017100024 (22)
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 2017100917 (22E) 2017100926 (22E) 2017100931 (22E)
 2017100938 (22E) 2017100939 (22E) 2017101112 (22)
 2017101858 (22) 2017101887 (22) 2017200143 (14)
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 2017203467 (14) 2017204191 (14) 2017204310 (14)
 2017204555 (14) 2017204600 (14) 2017210482 (14)
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 2017289974 (14) 2017290706 (14) 2017290828 (5C)
 2017291162 (14) 2017291562 (14) 2017291794 (14)
 2017291851 (14) 2017291886 (14) 2017292028 (14)
 2017292751 (14) 2017292811 (14) 2017292876 (14)
 2017293417 (14) 2017293443 (14) 2017293458 (14)
 2017293767 (14) 2017293788 (14) 2017294210 (14)
 2017294551 (14) 2017294962 (14) 2017295814 (14)
 2017295819 (14) 2017300427 (14) 2017303069 (14)
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 2017402591 (14) 2017405914 (14) 2017422091 (14)
 2017422654 (14) 2017422655 (14) 2017422723 (14)

2018

2018100924 (22E) 2018100925 (22E) 2018100937 (22E)
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 2018204585 (14) 2018204651 (4C) 2018204652 (4C)
 2018204653 (4C) 2018204908 (4C) 2018204940 (4C)
 2018222918 (14) 2018256637 (14) 2018282258 (4C)
 2018287442 (5C) 2018289597 (5C) 2018291032 (4C)
 2018291137 (5C) 2018291369 (5C) 2018291372 (4C)
 2018291547 (5C) 2018291549 (5C) 2018292028 (5C)
 2018292419 (14) 2018292531 (5C) 2018292927 (14)
 2018293090 (4C) 2018293322 (4C) 2018293912 (4C)
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 2018429591 (4C) 2018430801 (4C) 2018430861 (4C)
 2018431320 (14)

2019

2019100139 (22E) 2019100305 (22) 2019100696 (22E)
 2019100734 (22E) 2019100735 (22E) 2019101163 (22E)
 2019101746 (22E) 2019200397 (14) 2019201992 (1A)
 2019202449 (14) 2019202494 (14) 2019204494 (5C)
 2019204510 (14) 2019204557 (14) 2019204563 (4C)
 2019204605 (4C) 2019204680 (14) 2019204796 (14)
 2019204831 (4C) 2019216626 (14) 2019238292 (5C)
 2019255225 (5C) 2019261749 (14) 2019262930 (5C)
 2019291777 (4C) 2019291790 (4C) 2019291827 (4C)
 2019291935 (4C) 2019291967 (4C) 2019292557 (5C)
 2019292863 (4C) 2019293529 (4C) 2019293579 (4C)
 2019293650 (14) 2019293777 (4C) 2019293796 (4C)
 2019293831 (14) 2019294291 (4C) 2019294614 (4C)
 2019294615 (4C) 2019294630 (4C) 2019294690 (4C)
 2019295378 (14) 2019295421 (4C) 2019295422 (4C)

2019295724 (4C) 2019296396 (4C) 2019296407 (4C)
 2019296449 (14) 2019297029 (4C) 2019297299 (4C)
 2019297436 (4C) 2019297447 (4C) 2019297554 (4C)
 2019297562 (14) 2019297645 (14) 2019297809 (4C)
 2019298340 (4C) 2019298653 (4C) 2019298656 (4C)
 2019298976 (14) 2019299002 (4C) 2019299072 (4C)
 2019299152 (4C) 2019300135 (4C) 2019300452 (4C)
 2019300531 (5C) 2019300761 (5C) 2019302720 (4C)
 2019304186 (4C) 2019324344 (4C) 2019343883 (14)
 2019344436 (14) 2019447115 (14) 2019455656 (14)

2020

2020101124 (22E) 2020101141 (22E) 2020101143 (22E)
 2020101146 (22G) 2020101153 (22E) 2020101154 (22E)
 2020101179 (22E) 2020101182 (22E) 2020101193 (22E)
 2020101194 (22E) 2020101208 (22E) 2020101219 (22E)
 2020101223 (22E) 2020101232 (22E) 2020101239 (22E)
 2020101240 (22E) 2020101252 (22E) 2020101267 (22E)
 2020101270 (22E) 2020101276 (22G) 2020200045 (14)
 2020201507 (14) 2020201531 (14) 2020203542 (4A)
 2020204335 (5C) 2020204360 (4C) 2020204370 (14)
 2020204376 (4B) 2020204429 (4B) 2020204440 (4C)
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 2020300256 (14) 2020300634 (14) 2020300681 (4C)
 2020302919 (14) 2020304139 (5C) 2020304640 (4C)
 2020304939 (4C) 2020306852 (4C) 2020313326 (14)
 2020318830 (4B) 2020331547 (14) 2020337151 (4B)
 2020426517 (1B) 2020427447 (1B) 2020432156 (4B)
 2020432916 (4B) 2020454529 (5C) 2020455522 (4A)
 2020455918 (4A)

2021

2021102403 (22E) 2021102690 (22E) 2021103622 (22E)
 2021103652 (22E) 2021103663 (22E) 2021103683 (22E)
 2021103698 (22E) 2021103699 (22E) 2021103728 (22E)
 2021103736 (22E) 2021103768 (22E) 2021103787 (22E)
 2021103799 (22E) 2021103846 (22E) 2021103864 (22E)
 2021103874 (22E) 2021103888 (22E) 2021103890 (22E)
 2021103899 (22G) 2021103943 (22E) 2021104799 (22E)
 2021105271 (22E) 2021105272 (22E) 2021200480 (1B)
 2021200505 (1B) 2021200527 (1B) 2021200585 (1B)
 2021200586 (1B) 2021200587 (1B) 2021200596 (1B)
 2021200598 (1B) 2021200599 (14) 2021200613 (1B)
 2021200656 (1B) 2021200800 (14) 2021201853 (5C)
 2021204337 (5C) 2021204800 (5C) 2021209231 (4C)
 2021212170 (1B) 2021212183 (1B) 2021212195 (1B)
 2021212205 (1B) 2021212211 (1B) 2021212262 (1B)
 2021212295 (1B) 2021212298 (1B) 2021212305 (1B)
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 2021213585 (1B) 2021213722 (1B) 2021213734 (1B)
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 2021214291 (1B) 2021214416 (1B) 2021214552 (1B)
 2021214568 (1B) 2021214764 (1B) 2021214774 (1B)
 2021214794 (1B) 2021214827 (1B) 2021214870 (1B)
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 2021215868 (1B) 2021216063 (1B) 2021216390 (1B)
 2021216646 (1B) 2021216928 (1B) 2021217067 (1B)
 2021217070 (1B) 2021217355 (1B) 2021217421 (1B)
 2021217541 (1B) 2021217726 (1B) 2021217816 (1B)
 2021217959 (1B) 2021221385 (14) 2021221914 (5C)
 2021226837 (5C) 2021306848 (5C) 2021332926 (5C)

2022

2022100094 (22) 2022200146 (14) 2022201219 (4C)
 2022201873 (4C) 2022202804 (14) 2022203259 (14)
 2022203835 (5C) 2022204222 (14) 2022204663 (4C)

2022224731 (4C) 2022246466 (4D) 2022256142 (4C)
 2022283658 (4C) 2022291543 (5C) 2022291561 (5C)

2023

2023100006 (22E) 2023200082 (5C) 2023200403 (4C)
 2023200458 (5C) 2023200475 (5C) 2023200528 (5C)
 2023200793 (5C) 2023201098 (4C) 2023201128 (4C)
 2023201225 (4C) 2023201356 (4C) 2023201662 (4C)
 2023201687 (4C) 2023202565 (4C) 2023202888 (5C)
 2023204238 (4C) 2023204291 (4C) 2023204410 (4C)
 2023204422 (4C) 2023223008 (5C) 2023229549 (4C)
 2023274141 (4C)

2024

2024200287 (4C) 2024201692 (4C) 2024204266 (4C)
 2024227729 (1B) 2024227775 (1B) 2024259665 (1B)
 2024900111 (12AN)

Assignments before Grant, Section 113

2018

2018395791 Celon Pharma S.A. The application has been assigned to **Novohale Therapeutics, LLC**

2019

2019349624 Celon Pharma S.A. The application has been assigned to **Novohale Therapeutics, LLC**

2020

2020269469 REGOR PHARMACEUTICALS, INC. The application has been assigned to **GENENTECH, INC.**

2020398783 Astellas Pharma Inc.; Riken The application has been assigned to **Riken**

2021

2021210442 Ingenious Ingredients, LP The application has been assigned to **PX ING, LLC**

2021214420 Hayes, Kerry; Campbell, Robert The application has been assigned to **Tractive Motion Technologies Pty Ltd**

2021261032 ABT Holding Company The application has been assigned to **Healios K.K.**

2021268648 REGOR PHARMACEUTICALS, INC. The application has been assigned to **GENENTECH, INC.**

2021280962 pharm-analyt Labor GmbH The application has been assigned to **Mascher, Hermann**

2021287363 Applimind Ltd. The application has been assigned to **Aixia Applimind (Hong Kong) Limited**

2021388987 MOBIDIAG OY The application has been assigned to **Gen-Probe Incorporated**

2021427747 MEDVIE LIMITED The application has been assigned to **Plio Surgical Limited**

2022

2022237843 TECHNISCHE UNIVERSITÄT DRESDEN; CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS); UNIVERSITÉ

Assignments before Grant, Section 113

D'AIX-MARSEILLE; INSERM (INSTITUT NATIONAL DE LA SANTÉ ET DE LA RECHERCHE MÉDICALE) The application has been assigned to **SIEWEKE, Michael**

2022369533 O.C.O TECHNOLOGY LTD. The application has been assigned to **O.C.O Technology Group Limited**

2023

2023203439 Hlushchenko, Mykhailo; Maiorov, Volodymyr The application has been assigned to **AJAX SYSTEMS CYPRUS HOLDINGS LTD**

2023331395 ROLSTON, Ben The application has been assigned to **Pataro Pty Ltd**

2024

2024216353 Hunt Perovskite Technologies, L.L.C. The application has been assigned to **CubicPV Inc.**

2024264721 Neumedicines, Inc. The application has been assigned to **Karyopharm Therapeutics Inc.**

2024900072 TAP Time And Place Pty Ltd The application has been assigned to **Time and Place Holdings Pty Ltd**

Extensions of Time, Section 223

Applications Received

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

2016

2016282198 **Kraftig Industries Pty Ltd** An application to extend the time from 23 Jun 2023 to 23 Sep 2024 in which to pay a renewal fee has been filed . Address for service - James & Wells Intellectual Property GPO Box 1301 CANBERRA ACT 2601 AU

2016282200 **Kraftig Industries Pty Ltd** An application to extend the time from 23 Jun 2023 to 23 Sep 2024 in which to pay a renewal fee has been filed . Address for service - James & Wells Intellectual Property GPO Box 1301 CANBERRA ACT 2601 AU

2020

2020202151 **Safe Barriers Pte. Ltd.** An application to extend the time from 26 Mar 2024 to 26 Nov 2024 in which to pay a continuation fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2020258384 **Qwixel Therapeutics LLC** An application to extend the time from 15 Apr 2024 to 15 Nov 2024 in which to pay a continuation fee has been filed . Address for service - RnB IP Pty Ltd PO Box 9530 DEAKIN ACT 2600 AU

2022

2022415781 **WIROBOTICS INC.** An application to extend the time from 15 Jul 2024 to 15 Nov 2024 in which to enter the national phase

Extensions of Time, Section 223

has been filed . Address for service - FB Rice Pty Ltd L 33 477 Collins Street Melbourne VIC 3000 AU

Applications Allowed - Section 223(2)

2019

2019201992 **Virotec Pty Ltd** The time in which to pay a continuation fee has been extended to 22 Aug 2024 . Address for service - Macpherson Kelley Pty Ltd C/- GPO Box 5299 Brisbane QLD 4001 AU

2021

2021101467 **Ott Earthmoving Pty Ltd** The time in which to pay a renewal fee has been extended to 22 Oct 2024 . Address for service - OTT industries Pty Ltd PO Box 44 Highfields Highfields QLD 4352 AU

2022

2022206704 **Translate Bio MA, Inc.** The time in which to pay the acceptance fee has been extended to 12 Jan 2025 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2025

2025200167 **JETBLACK INVESTMENTS PTY LTD** The time in which to associate with a complete application has been extended to 05 Feb 2025 . Address for service - FORWARD INTELLECTUAL PROPERTY PTY LTD U 3 127 Crown Rd Queenscliff NSW 2096 AU

2025200168 **JETBLACK INVESTMENTS PTY LTD** The time in which to associate with a complete application has been extended to 05 Feb 2025 . Address for service - FORWARD INTELLECTUAL PROPERTY PTY LTD U 3 127 Crown Rd Queenscliff NSW 2096 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.

2018

2018224390 Humanized antibody for treating or preventing cognitive disorders, process for producing the same, and agent for treating or preventing cognitive disorders using the same **Merck Sharp & Dohme LLC ; Teijin Pharma Limited** The nature of the amendment is as shown in the statement(s) filed 14 Jan 2025 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2018368709 Providing a continuity of care across multiple care settings **Bruin Biometrics, LLC** The nature of the amendment is as shown in the statement(s) filed 13 Jan 2025 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2019

2019288453 Power supplies for pool and spa equipment **Hayward Industries, Inc.** The nature of the amendment is as shown in the

Amendments

statement(s) filed 13 Dec 2024 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2020

2020215238 Online battery state of health estimation during charging **Sandvik Mining and Construction Oy** The nature of the amendment is as shown in the statement(s) filed 17 Dec 2024 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2020337996 Analyte sensors and sensing methods for the detection of alcohol **Abbott Diabetes Care Inc.** The nature of the amendment is: Amend the name of the inventor to read FELDMAN, Benjamin J.; OUYANG, Tianmei and WALI, Ahmed Hisham . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

2020414353 Absorptive phase invariant attenuator **Raytheon Company** The nature of the amendment is as shown in the statement(s) filed 13 Jan 2025 . Address for service - RnB IP Pty Ltd PO Box 9530 DEAKIN ACT 2600 AU

2021

2021376367 PYRAZOLE DERIVATIVES ASR ET KINASE INHIBITORS **ELI LILLY AND COMPANY** The nature of the amendment is as shown in the statement(s) filed 20 Dec 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2023

2023202508 Nicotine salt formulations for aerosol devices and methods thereof **Juul Labs, Inc.** The nature of the amendment is as shown in the statement(s) filed 14 Jan 2025 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2023274131 Construction system **Ausco Modular Pty Limited** The nature of the amendment is as shown in the statement(s) filed 10 Jan 2025 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

Amendments Made

2008

2008200924 **Allegion (Australia) Pty Ltd** The nature of the amendment is as shown in the statement filed 10 Jan 2024

2012

2012261655 **Onyx Therapeutics, Inc.** The nature of the amendment is as shown in the statement filed 05 Jul 2024

2015

2015265865 **Universitat Bern** The nature of the amendment is as shown in the statements filed 02 Sep 2024 and 10 Oct 2024

2017

2017316604 **TeneoBio, Inc.** The nature of the amendment is as shown in the statement filed 15 Oct 2024

2017321423 **Regeneron Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement filed 23 Oct 2024

Amendments

2018

2018243554 **Wisconsin Alumni Research Foundation** The nature of the amendment is as shown in the statement filed 18 Sep 2024

2018265869 **The Children's Hospital of Philadelphia** The nature of the amendment is as shown in the statement filed 11 Oct 2024

2018276376 **UCB Biopharma SRL** The nature of the amendment is as shown in the statement filed 23 Oct 2024

2018289581 **Velosbio Inc.** The nature of the amendment is as shown in the statement filed 12 Oct 2024

2018325645 **Mitsubishi Tanabe Pharma Corporation; Hyogo College Of Medicine** The nature of the amendment is as shown in the statement filed 17 Oct 2024

2018337761 **The University of Adelaide** The nature of the amendment is as shown in the statement filed 15 Oct 2024

2018348214 **The Board of Trustees of the University of Illinois; University of Iowa Research Foundation** The nature of the amendment is as shown in the statement filed 15 Oct 2024

2018370019 **Amgen Inc.** The nature of the amendment is as shown in the statement filed 16 Oct 2024

2018392074 **SSP Co., Ltd., Japan** The nature of the amendment is as shown in the statement filed 17 Oct 2024

2018404905 **Winplus Co., Ltd.** The nature of the amendment is as shown in the statement filed 02 Sep 2024

2019

2019204598 **Schneider Electric (Australia) Pty Limited** The nature of the amendment is: Application is to proceed under the number 2019101858

2019216929 **Nisshin Seifun Welna Inc.** The nature of the amendment is as shown in the statement filed 26 Sep 2024

2019247544 **LumaCyte, LLC** The nature of the amendment is as shown in the statements filed 01 Oct 2024 and 11 Oct 2024

2019247708 **Givaudan SA** The nature of the amendment is as shown in the statement filed 02 Oct 2024

2019264475 **BeiGene, Ltd.** The nature of the amendment is as shown in the statement filed 23 Oct 2024

2019295853 **410 Medical, Inc.** The nature of the amendment is: Amend the name of the inventor to read ROBERTSON, Galen C.; LANE, Andrew W.; STEELE, Savannah K.; PIEHL, Mark D.; TITKE-MEYER, Robert W.; LATHAM, Stephen; RODENKIRCH, Douglas; DARLEY, Jesse; IRWIN, Curtis and CHOURASIA, Amrith

2019321418 **410 Medical, Inc.** The nature of the amendment is: Amend the name of the inventor to read LANE, Andrew W.; STEELE, Savannah; ROBERTSON, Galen C.; PIEHL, Mark D.; LATHAM, Steph-

Amendments

en; RODENKIRCH, Douglas; DARLEY, Jesse; IRWIN, Curtis and CHOURASIA, Amrish

2019375731 **GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.** The nature of the amendment is as shown in the statement filed 30 Sep 2024

2020

2020242588 **Inventio AG** The nature of the amendment is as shown in the statement filed 19 Aug 2024

2020242588 **Inventio AG** The nature of the amendment is: Amend the invention title to read Safety device for building-related passenger conveyor system

2021

2021204422 **Apple Inc.** The nature of the amendment is as shown in the statement filed 01 Oct 2024

2021316893 **Blupura S.r.l.** The nature of the amendment is as shown in the statement filed 08 Oct 2024

2021319041 **UBY** The nature of the amendment is: Amend the name of the inventor to read LABOUREAU, Sebastien; MAREUGE, Laurent and SURMONT, Antoine Thierry Charles

2021343368 **Vivo Mobile Communication Co., Ltd.** The nature of the amendment is as shown in the statement filed 11 Oct 2024

2021479950 **PDI DIGITAL GMBH** The nature of the amendment is: Amend the name of the inventor to read RUMPF, Markus and SAM-HABER, Johannes

2022

2022202787 **University of Washington; Institute for Research in Biomedicine** The nature of the amendment is as shown in the statement filed 26 Sep 2024

2022228391 **YANTAI LANNACHENG BIOTECHNOLOGY CO., LTD.** The nature of the amendment is as shown in the statement filed 27 Sep 2024

2022232358 **410 MEDICAL, INC.** The nature of the amendment is: Amend the name of the inventor to read LANE, Andrew W.; ROBERTSON, Galen C.; STEELE, Savannah K.; TITKEMEYER, Robert W. and OLTMANS, Luke D.

2022257125 **Guangzhou Shiyuan Electronic Technology Company Limited; GUANGZHOU SHIRUI ELECTRONICS CO., LTD.** The nature of the amendment is: To amend the co-applicant name to Guangzhou Shiyuan Electronic Technology Company Limited

2022354429 **GUSTOMSC B.V.; NATIONAL OILWELL VARCO NORWAY AS** The nature of the amendment is: Amend the name of the inventor to read HØYDAL, Oddvar; BARJAKTAROVIC, Boro; STRAND, Thor Lars Ludvig; BØHN, Kurt and HAAVIND, Erik

2022456752 **ZTE CORPORATION** The nature of the amendment is as shown in the statement filed 13 Oct 2024

Amendments

2022461734 **SATO PHARMACEUTICAL CO., LTD.** The nature of the amendment is: Amend the invention title to read Nasal composition

2022464747 **GOBUBBLE AI TECH LIMITED** The nature of the amendment is as shown in the statement filed 08 Jan 2025

2022467248 **REPLI-TECH CO.,LTD.** The nature of the amendment is: Amend the invention title to read Method of producing negative-strand RNA virus vector and produced negative-strand RNA virus vector

2023

2023204316 **Schneider Electric Industries SAS** The nature of the amendment is as shown in the statement filed 01 Oct 2024

2023264616 **AMGEN INC.; AMGEN RESEARCH (MUNICH) GMBH** The nature of the amendment is: Amend the name of the inventor to read BAILIS, Julie; KLINGER, Mathias; RAUM, Tobias; RAU, Doris; STEVENS, Jennitte; EDAVETAL, Suzanne; NEEF, Ruediger; WALTER, Janette; KAEFER, Mathias; ARVEDSON, Tara and GARCES, Fernando

2023272448 **NOVARTIS AG; LES LABORATOIRES SERVIER** The nature of the amendment is: Amend the name of the inventor to read BURGER, Matthew, T.; CHEN, Zhuoliang; D'ALESSIO, Joseph, Anthony; HOLLINGWORTH, Gregory, John; KLINTER, Claudia, Judith; LANGLOIS, Jean-Baptiste Georges Armand; MCNEILL, Eric, Andrew; MUNDT, Cornelia, Anne; NAKAJIMA, Katsumasa; NEWCOMBE, Richard, Vaughan; MADÖRIN, Katharina; YU, Bing; ZHANG, Qiang; FEJES, Imre; GENESTE, Olivier; MARAGNO, Ana, Leticia; RAY, Stuart; ROCCHETTI, Francesca; STARCK, Jérôme-Benoît; SZLAVIK, Zoltan; KOSTOVA, Vesela and NOVAK, Tibor Robert

2023277639 **410 MEDICAL, INC.** The nature of the amendment is: Amend the name of the inventor to read LANE, Andrew W.; ROBERTSON, Galen C.; STEELE, Savannah K.; OLTMANS, Luke D.; HARPER, Kevin A.; IVANOV, Steve D. and HANLON, Matthew J.

2023297590 **HUAWEI TECHNOLOGIES CO., LTD.** The nature of the amendment is: Amend the invention title to read METHOD FOR DETERMINING LENGTH OF LDPC CODE WORD IN UWB SYSTEM AND RELATED APPARATUS

2023300775 **PURIFICATION EQUIPMENT RESEARCH INSTITUTE OF CSIC** The nature of the amendment is: Amend the invention title to read ELECTROLYTIC CELL OPERATING TEMPERATURE CONTROL METHOD AND SYSTEM BASED ON HEAT BALANCE

2023301621 **FORESEEN TECHNOLOGY (BEIJING) CO., LTD.; FORESEEN BIOTECHNOLOGY (SHANGHAI) CO., LTD.** The nature of the amendment is: Amend the invention title to read Antibody targeting ITGA2 and antibody-drug conjugate comprising the same

2023301919 **CHINA MOBILE COMMUNICATION CO., LTD RESEARCH INSTITUTE; CHINA MOBILE COMMUNICATIONS GROUP CO., LTD.** The nature of the amendment is: Amend the invention title to read Conditional Handover Method, Information Transmission Method and Processing Method, Device and Equipment

2023302607 **DOKA GMBH** The nature of the amendment is: Amend the invention title to read Formwork table element, formwork table and method for assembling a table formwork

Amendments

2023304865 **PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA** The nature of the amendment is: Amend the invention title to read DECODER, ENCODER, DECODING METHOD, AND ENCODING METHOD

2023306441 **CHINA MOBILE COMMUNICATION CO., LTD RE-SEARCH INSTITUTE; CHINA MOBILE COMMUNICATIONS GROUP CO., LTD.** The nature of the amendment is: Amend the invention title to read Random-Access Method and Device, UE and Network Equipment

2023306911 **BENJAMIN MOORE & CO.** The nature of the amendment is: Amend the name of the inventor to read WANG, Xinyu; YANG, Yong; GEURTSSEN, Richard; SIEGFRIED, David, L. and NANDA, Ajaya

2023323206 **SUNUS CO., LTD.** The nature of the amendment is: Amend the invention title to read PREVENTIVE AND THERAPEUTIC AGENT FOR URINARY TRACT INFECTION CONTAINING 1-DEOXY-MANNOSE

2023326987 **YOSHINO GYPSUM CO., LTD.** The nature of the amendment is: Amend the invention title to read Liquid material supplying apparatus for gypsum plate, gypsum plate manufacturing apparatus, and method of manufacturing gypsum plate

2023359169 **SHANDONG UNIVERSITY; CHONGQING UNIVERSITY; SHANDONG JIAOTONG UNIVERSITY; JINAN DOCER TESTING MACHINE TECHNOLOGY CO., LTD.** The nature of the amendment is: Amend the invention title to read DEVICE FOR SIMULATING SUBGRADE AND FOUNDATION DYNAMIC RESPONSE BASED ON PRINCIPAL STRESS ROTATION AND METHOD THERE-OF

2024

2024200766 **TAMC Holdings Pty Ltd** The nature of the amendment is as shown in the statement filed 21 Oct 2024

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

2009

2009260409 L-3 Communications Corporation The name of the patentee has been altered to **L3 Technologies, Inc.**

2011

2011209940 MikrobEX Inc. The name of the patentee has been altered to **Ferring Microbiome Inc.**

2012

2012279478 L-3 Communications Corporation The name of the patentee has been altered to **L3 Technologies, Inc.**

2012351792 REstore NV The name of the patentee has been altered to **Centrica Business Solutions Belgium NV**

2014

2014275025 REBIOTIX, INC. The name of the patentee has been altered to **Ferring Microbiome Inc.**

Amendments

2014296310 United Surgical Associates, Inc. The name of the patentee has been altered to **United Surgical, LLC**

2014338673 REstore NV The name of the patentee has been altered to **Centrica Business Solutions Belgium NV**

2014369999 argenx BVBA ; The Board of Regents of the University of Texas System The name of the patentee has been altered to **argenx BV; The Board of Regents of the University of Texas System**

2015

2015231438 Meggitt Training Systems Inc. The name of the patentee has been altered to **InVeris Training Solutions, Inc.**

2015258167 MikrobEX Inc. The name of the patentee has been altered to **Ferring Microbiome Inc.**

2015301134 United Surgical Associates, Inc. The name of the patentee has been altered to **United Surgical, LLC**

2015318134 L-3 Communications Corporation The name of the patentee has been altered to **L3 Technologies, Inc.**

2016

2016202831 REBIOTIX, INC. The name of the patentee has been altered to **Ferring Microbiome Inc.**

2016204102 REstore NV The name of the patentee has been altered to **Centrica Business Solutions Belgium NV**

2016204105 REstore NV The name of the patentee has been altered to **Centrica Business Solutions Belgium NV**

2016230827 ARGENX BVBA The name of the patentee has been altered to **argenx BV**

2016274757 REBIOTIX, INC. The name of the patentee has been altered to **Ferring Microbiome Inc.**

2017

2017201330 REBIOTIX, INC. The name of the patentee has been altered to **Ferring Microbiome Inc.**

2017208349 REstore NV The name of the patentee has been altered to **Centrica Business Solutions Belgium NV**

2017261820 REBIOTIX, INC. The name of the patentee has been altered to **Ferring Microbiome Inc.**

2017273450 United Surgical, Inc. The name of the patentee has been altered to **United Surgical, LLC**

2018

2018220114 REBIOTIX, INC. The name of the patentee has been altered to **Ferring Microbiome Inc.**

2018380979 argenx BVBA The name of the patentee has been altered to **argenx BV**

Amendments

2019

2019203164 REBIOTIX, INC. The name of the patentee has been altered to **Ferring Microbiome Inc.**

2019223014 AI Therapeutics, Inc. The name of the applicant has been altered to **Orphai Therapeutics Inc.**

2019255774 Worlds Greatest Ingredients, LP The name of the applicant has been altered to **Ingenious Ingredients, LP**

2019283673 argenx BVBA The name of the patentee has been altered to **argenx BV**

2020

2020202691 REBIOTIX, INC. The name of the patentee has been altered to **Ferring Microbiome Inc.**

2020220084 REBIOTIX, INC. The name of the patentee has been altered to **Ferring Microbiome Inc.**

2020286968 argenx BVBA The name of the applicant has been altered to **argenx BV**

2021

2021277720 ARGENX BVBA The name of the applicant has been altered to **argenx BV**

2021383910 SIMPLEBET, INC. The name of the applicant has been altered to **Simplebet LLC**

2021392585 SIMPLEBET, INC. The name of the applicant has been altered to **Simplebet LLC**

2022

2022204369 REBIOTIX, INC. The name of the applicant has been altered to **Ferring Microbiome Inc.**

2022237341 ONE ENERGY ENTERPRISES INC. The name of the applicant has been altered to **One Power Company**

2022256174 REBIOTIX, INC. The name of the applicant has been altered to **Ferring Microbiome Inc.**

2023

2023312973 ALLOGENE THERAPEUTICS INC. The name of the applicant has been altered to **Allogene Therapeutics, Inc.**

2024

2024201185 argenx BVBA The name of the applicant has been altered to **argenx BV**

2024207987 1INCH LIMITED; Anton BUKO; Sergej KUNZ The name of the applicant has been altered to **1INCH LIMITED**

2024218399 1INCH LIMITED; Anton BUKO; Sergej KUNZ The name of the applicant has been altered to **1INCH LIMITED**

Amendments

2025

2025900020 NEW BUILDING SOLUTIONS PTY LTD The name of the applicant has been altered to **QuikBuild Pty Ltd**

Applications Open to Public Inspection

Name Index

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

(71) Abbott Diabetes Care Inc.
 (11) AU-A-2025200276
 (21) 2025200276 (22) 14.01.2025
 (54) Sensors and methods for measuring pH
 (51) Int. Cl.
A61B 5/145 (2006.01)
A61B 5/1473 (2006.01)
 (43) 30.01.2025
 (62) 2022268269
 (72) FELDMAN, Benjamin J.; QIAN, Suyue
 (74) FPA Patent Attorneys Pty Ltd

(71) Abiomed, Inc.
 (11) AU-A-2025200152
 (21) 2025200152 (22) 09.01.2025
 (54) Anti-suction blood pump inlet
 (51) Int. Cl.
A61M 60/00 (2021.01)
 (43) 30.01.2025
 (62) 2022215276
 (72) Katerji, Ahmad El; Corbett, Scott C.; Delorenzo, Charles
 (74) Davies Collison Cave Pty Ltd

(71) Ablynx NV
 (11) AU-A-2025200245
 (21) 2025200245 (22) 13.01.2025
 (54) Improved serum albumin binding immunoglobulin single variable domains
 (51) Int. Cl.
C07K 16/18 (2006.01)
A61K 39/00 (2006.01)
 (43) 30.01.2025
 (62) 2017373746
 (72) STAELENS, Stephanie; STEFFENSEN, Soren; MORIZZO, Erika; PONSARTS, Raf; OTTEVAERE, Ingrid; CERDOBEL, An
 (74) Spruson & Ferguson

(71) Abodo Wood Limited
 (11) AU-A-2025200142
 (21) 2025200142 (22) 09.01.2025
 (54) A METHOD FOR IMPROVING DURABILITY AND WEATHERABILITY OF TIMBER BY ENGINEERING LAYERS
 (51) Int. Cl.
B27D 1/04 (2006.01)
B32B 7/12 (2006.01)
B32B 21/13 (2006.01)
B32B 21/14 (2006.01)
E04F 15/04 (2006.01)
 (43) 30.01.2025
 (62) 2023200245
 (72) Campbell, Benjamin Jeremy Rowland; Gudsell, Daniel Jon
 (74) AJ PARK

(71) Achilles Therapeutics UK Limited
 (11) AU-A-2025200181
 (21) 2025200181 (22) 10.01.2025
 (54) Method for treating cancer
 (51) Int. Cl.
A61K 39/00 (2006.01)
 (43) 30.01.2025
 (62) 2021286241
 (72) McGRANAHAN, Nicholas; ROSENTHAL, Rachel; SWANTON, Charles; PEGGS, Karl; QUEZADA, Sergio
 (74) Davies Collison Cave Pty Ltd

(71) Acura Pharmaceuticals, Inc.
 (11) AU-A-2025200132
 (21) 2025200132 (22) 09.01.2025
 (54) Self-regulated release of active pharmaceutical ingredient
 (51) Int. Cl.
A61K 9/14 (2006.01)
A61K 9/48 (2006.01)
 (43) 30.01.2025
 (62) 2023200124
 (72) BRZECZKO, Albert W.; HOLLENBECK, Gary R.
 (74) FPA Patent Attorneys Pty Ltd

(71) Adobe Inc.
 (11) AU-A-2024203033
 (21) 2024203033 (22) 08.05.2024
 (54) SYSTEMS AND METHODS FOR IMAGE COMPOSITING
 (51) Int. Cl.
G06T 11/60 (2006.01)
G06N 3/0475 (2023.01)
G06T 5/60 (2024.01)
G06T 11/00 (2006.01)
G06T 15/00 (2011.01)
 (31) 18/351,838 (32) 13.07.23 (33) US
 (43) 30.01.2025
 (72) Zhang, Zhifei; Lin, Zhe; Song, Yizhi; Kim, Soo ye; Cohen, Scott; Zhang, Jianming; Price, Brian
 (74) RnB IP Pty Ltd

(71) ADS Therapeutics LLC
 (11) AU-A-2025200273
 (21) 2025200273 (22) 14.01.2025
 (54) COMPOSITIONS AND METHODS OF USING NINTEDANIB FOR IMPROVING GLAUCOMA SURGERY SUCCESS
 (51) Int. Cl.
A61K 31/496 (2006.01)
A61F 9/00 (2006.01)
A61F 9/007 (2006.01)
A61P 27/06 (2006.01)

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 (72) Ni, Jinsong; Yang, Rong
 (74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd

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 (11) AU-A-2024202671
 (21) 2024202671 (22) 24.04.2024
 (54) Composite cathode preparation method
 (51) Int. Cl.
H01M 4/02 (2006.01)
C01G 53/04 (2006.01)
H01M 4/134 (2010.01)
H01M 4/139 (2010.01)
H01M 4/1391 (2010.01)

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 (74) Spruson & Ferguson

(71) AeroVironment, Inc.
 (11) AU-A-2025200200
 (21) 2025200200 (22) 10.01.2025
 (54) UAV payload module camera assembly and retraction mechanism
 (51) Int. Cl.
B64D 47/00 (2006.01)
 (43) 30.01.2025
 (62) 2022228202
 (72) ZWAAN, John Peter; BELIK, Pavel; DIMOTAKIS, Manolis; D'AQUILA, Christopher J.
 (74) Spruson & Ferguson

(71) Akamis Bio Limited
 (11) AU-A-2025200140
 (21) 2025200140 (22) 09.01.2025
 (54) Adenovirus armed with bispecific T cell activator
 (51) Int. Cl.
C07K 16/28 (2006.01)
A61K 35/761 (2015.01)
A61K 39/395 (2006.01)
C07K 16/30 (2006.01)
C07K 16/40 (2006.01)
C12N 15/861 (2006.01)

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 (74) AJ PARK

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 (51) Int. Cl.
C07K 14/705 (2006.01)
C07K 14/725 (2006.01)
C07K 16/28 (2006.01)
A61K 39/00 (2006.01)

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 (74) Spruson & Ferguson

(71) Amicus Therapeutics, Inc.
 (11) AU-A-2025200074
 (21) 2025200074 (22) 07.01.2025
 (54) TREATMENT OF PATIENTS WITH CLASSIC FABRY DISEASE
 (51) Int. Cl.
A61K 31/445 (2006.01)
A61P 13/12 (2006.01)

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 (62) 2019217603
 (72) BARTH, Jay; BENJAMIN, Elfrida
 (74) Dark IP

(71) Angel Group Co., Ltd.
 (11) AU-A-2025200171
 (21) 2025200171 (22) 10.01.2025
 (54) Inspection system, inspecting device, and gaming chip
 (51) Int. Cl.
A63F 3/00 (2006.01)
 (43) 30.01.2025
 (62) 2023200370
 (72) SHIGETA, Yasushi
 (74) FB Rice Pty Ltd

(71) Angel Group Co., Ltd.
 (11) AU-A-2025200183
 (21) 2025200183 (22) 10.01.2025
 (54) Management system of gaming chips and storage box
 (51) Int. Cl.
A63F 11/00 (2006.01)
A63F 1/06 (2006.01)
A63F 3/00 (2006.01)
A63F 9/00 (2006.01)
G07D 9/00 (2006.01)
G07F 17/32 (2006.01)
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 (74) FB Rice Pty Ltd

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 (11) AU-A-2025200225
 (21) 2025200225 (22) 12.01.2025
 (54) CAGE SYSTEM, AND CHIP MANAGEMENT SYSTEM
 (51) Int. Cl.
A63F 1/06 (2006.01)
A63F 3/00 (2006.01)
A63F 9/00 (2006.01)
G06K 19/04 (2006.01)

G06Q 50/34 (2012.01)
 (43) 30.01.2025
 (62) 2021287089
 (72) SHIGETA, Yasushi
 (74) RnB IP Pty Ltd

(71) ARCHTIS LIMITED
 (11) AU-A-2024204124
 (21) 2024204124 (22) 18.06.2024
 (54) A system and a method for the management of the release of sensitive information to approved parties
 (51) Int. Cl.
G06F 21/60 (2013.01)
G06F 16/93 (2019.01)
G06F 21/62 (2013.01)
G06Q 10/10 (2023.01)
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 (72) Talbot, Bruce; Dean, Phillip; Lai, Daniel
 (74) Moulis Legal

(71) AstraZeneca AB
 (11) AU-A-2025200137
 (21) 2025200137 (22) 09.01.2025
 (54) COMPOUNDS AND THEIR USE IN TREATING CANCER
 (51) Int. Cl.
A61K 47/55 (2017.01)
A61K 47/54 (2017.01)
A61P 35/00 (2006.01)
 (43) 30.01.2025
 (62) 2021353968
 (72) Börjesson, Ulf; Perry, Matthew William Dampier; Grebner, Christoph; Michaelides, Iacovos Neal; Hayhow, Thomas George Christopher; Kettle, Jason Grant; Collie, Gavin William; Storer, Robert Ian; Bagal, Sharanjeet Kaur; Fallan, Charlene
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Autolus Limited
 (11) AU-A-2024278248
 (21) 2024278248 (22) 10.12.2024
 (54) Chimeric Antigen Receptor
 (51) Int. Cl.
C12N 5/0783 (2010.01)
C07K 14/705 (2006.01)
C07K 16/28 (2006.01)
C07K 16/30 (2006.01)
 (43) 30.01.2025
 (62) 2022205169
 (72) Pule, Martin; Cordoba, Shaun; Onuoha, Shimobi; Thomas, Simon
 (74) Pairman IP

(71) Baylor College of Medicine
 (11) AU-A-2025200213
 (21) 2025200213 (22) 10.01.2025
 (54) Auto/allo-immune defense receptors for the selective targeting of activated pathogenic T cells and NK cells
 (51) Int. Cl.
A61K 38/17 (2006.01)
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 (72) MAMONKIN, Maksim; BRENNER, Malcolm, K.; MO, Feiyan
 (74) FB Rice Pty Ltd

(71) Beam Therapeutics Inc.
 (11) AU-A-2024266710
 (21) 2024266710 (22) 20.11.2024
 (54) COMPOSITIONS AND METHODS FOR NON-TOXIC CONDITIONING
 (51) Int. Cl.
C12N 9/22 (2006.01)
C12N 9/78 (2006.01)
C12N 15/10 (2006.01)
C12N 15/113 (2010.01)
 (43) 30.01.2025
 (62) 2020336969
 (72) HARTIGAN, Adam; BOHNUUD, Tanggis
 (74) Southern Cross Intellectual Property

(71) Bechtel Energy Technologies & Solutions, Inc.
 (11) AU-A-2025200170
 (21) 2025200170 (22) 10.01.2025
 (54) LOW ENERGY EJECTOR DESALINATION SYSTEM
 (51) Int. Cl.
C02F 1/04 (2023.01)
B01D 1/14 (2006.01)
C02F 1/02 (2023.01)
B01D 1/02 (2006.01)
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 (62) 2022351167
 (72) Aguinaldo, Jorge T.; Kanzleiter, Joseph P.; Ladd, David; Tonapi, Saurabh S.; Goktepe, Baki E.; Shah, Mukesh K.
 (74) PHILLIPS ORMONDE FITZPATRICK

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 (11) AU-A-2025200196
 (21) 2025200196 (22) 10.01.2025
 (54) SYSTEM AND METHOD FOR PATHOLOGY SPECIMEN COLLECTION ADDRESSING NETWORK DISRUPTIONS AND DATA PRIVACY
 (51) Int. Cl.
H04W 12/0433 (2021.01)
G06F 21/30 (2013.01)
G06F 21/45 (2013.01)
G06F 21/62 (2013.01)
G16H 10/40 (2018.01)
H04L 9/08 (2006.01)
H04W 12/02 (2009.01)
H04W 12/03 (2021.01)
H04W 12/04 (2021.01)
H04W 12/0431 (2021.01)
H04W 12/069 (2021.01)
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 (72) ELLERBY, Gavin
 (74) Baxter Patent Attorneys Pty Ltd

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C12M 1/34 (2006.01)
B01L 3/00 (2006.01)
C12M 1/18 (2006.01)
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G01N 33/48 (2006.01)
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(72) HANDIQUE, Kalyan; LEBOSKY, Ronald; MACKE, Emilie Celine Claudie; DIEVART, Rebecca; QUIRING, Christophe; PIERRE, Sophie
(74) PIPERS

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(21) 2024278436

(71) BLANCO GmbH + Co KG
(11) AU-A-2024204803
(21) 2024204803 (22) 11.07.2024
(54) Device For The Indirect Measurement Of The Fill Level Of A Pressurized Liquid In A Fluid Container And Method
(51) Int. Cl.
G01F 23/22 (2006.01)
(31) 10 2023 206 710.2 (32) 14.07.23 (33) DE
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(72) ZÖLLNER, Thomas; SCHMIDT, Kay
(74) WRAYS PTY LTD

(71) Boston Scientific Medical Device Limited; Boston Scientific Scimed, Inc.
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(21) 2025200201 (22) 10.01.2025
(54) Over the scope clip with repositional capability
(51) Int. Cl.
A61B 1/00 (2006.01)
A61B 17/12 (2006.01)
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(71) Boston Scientific Scimed, Inc.
(11) AU-A-2025200198
(21) 2025200198 (22) 10.01.2025
(54) Tailored laser pulses for surgical applications
(51) Int. Cl.
A61B 18/20 (2006.01)
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(62) 2023201631
(72) FALKENSTEIN, Werner; SCHUBERT, Michael; DITTMAR, Stephan; BUTSCH, Anna; KREMSE, Thomas
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(51) Int. Cl.
G01N 30/40 (2006.01)
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(62) 2019223350
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(74) FPA Patent Attorneys Pty Ltd

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(54) MEDICAL DEVICES FOR REPAIRING PERFORATIONS IN TISSUE, METHODS OF MANUFACTURING MEDICAL DEVICES, AND METHODS OF IMPLANTING A MEDICAL DEVICE
(51) Int. Cl.
A61F 2/18 (2006.01)
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(62) 2021253751
(72) DE POIX, Alex
(74) Madderns Pty Ltd

(71) Carbon Autonomous Robotic Systems Inc.
(11) AU-A-2025200151
(21) 2025200151 (22) 09.01.2025
(54) Autonomous laser weed eradication
(51) Int. Cl.
G01B 11/00 (2006.01)
A01M 1/02 (2006.01)
G01M 1/00 (2006.01)
G01S 5/16 (2006.01)
G01S 17/46 (2006.01)
(43) 30.01.2025
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(72) MIKESSELL, Paul; MEY, Jonathan; GABRIELSEN, Cory
(74) FPA Patent Attorneys Pty Ltd

(71) Cartiheal (2009) Ltd.
(11) AU-A-2025200250
(21) 2025200250 (22) 13.01.2025
(54) Implantation tool and protocol for optimized solid substrates promoting cell and tissue growth
(51) Int. Cl.
A61F 2/30 (2006.01)
A61B 17/16 (2006.01)
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(72) ALTSCHULER, Nir
(74) Davies Collison Cave Pty Ltd

(71) Case Western Reserve University
(11) AU-A-2025200164
(21) 2025200164 (22) 09.01.2025
(54) Therapy Delivery Devices and Methods for Non-damaging Neural Tissue Conduction Block
(51) Int. Cl.
A61N 1/05 (2006.01)
A61N 1/06 (2006.01)
A61N 1/36 (2006.01)
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(72) Wainright, Jesse; Franke, Manfred; Bhadra, Narendra; Kilgore, Kevin L.; Bhadra, Niloy; Vrabec, Tina
(74) ACROGON GROUP PTY LTD

(71) CATERPILLAR PAVING PRODUCTS INC.
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(21) 2024204073 (22) 14.06.2024
(54) SHUTTLE SHIFT BASED DIRECTION CHANGES FOR A WORK MACHINE
(51) Int. Cl.
B60N 2/14 (2006.01)
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F02D 41/04 (2006.01)
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(72) LEE, Jeremy W.; CANTWELL, Kyle J.; ENOT, Ryan A.; CHISHOLM, Matthew D.; LINDHOLM, Tim J.; REED, Garrett D.
(74) FPA Patent Attorneys Pty Ltd

(71) CATOI, P.B.
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(54) ROCK BOLT
(51) Int. Cl.
E21D 21/00 (2006.01)
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(72) CATOI, Peter Bryce
(74) Armour IP

(71) CDR ECO-MOVEMENT, INC.
(11) AU-A-2023305024
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(54) METHOD AND APPARATUS FOR AUTOMATICALLY GRADING USED TERMINALS
(51) Int. Cl.
H04N 1/00 (2006.01)
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(72) SEKIGUCHI Toshihiro; ISHIZAKA Masahiro; IMAI Ayano; HARADA Nozomi
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(71) China ENFI Engineering Corporation; China Nonferrous Engineering Co., Ltd. (11) AU-A-2024201532 (21) 2024201532 (22) 07.03.2024 (54) Selective leaching method for nickel-iron alloy and method for preparing high-purity nickel salt (51) Int. Cl. C22B 3/04 (2006.01) C22B 59/00 (2006.01) (31) 2023108625611 (32) 14.07.23 (33) CN (43) 30.01.2025 (72) LIU, Cheng; DING, Jian; YIN, Shuyan; SUN, Ninglei; WANG, Kuiting; LIU, Guo; LU, Yeda (74) Davies Collison Cave Pty Ltd	Consorcio Centro de Investigacion Biomedica en Red, M.P see Fundacion para la Investigacion Biomedica del Hospital Infantil Universitario Nino Jesus (21) 2024287211 (71) Cricut, Inc. (11) AU-A-2025200231 (21) 2025200231 (22) 13.01.2025 (54) HEAT PRESS, COMPONENTS, APPARATUS, SYSTEMS, AND METHODS (51) Int. Cl. B41F 16/00 (2006.01) B41F 16/02 (2006.01) B41F 17/00 (2006.01) (43) 30.01.2025 (62) 2020332681 (72) Elzey, James Alan; Peng, Xiao; Chen, Yung Tseng; Resuello, Ildefonso M.; Stopp, Grayson; Korbuly, Marc; Crisp, Thomas; Herbst, Scot (74) PHILLIPS ORMONDE FITZPATRICK	(71) Daon Technology (11) AU-A-2024204796 (21) 2024204796 (22) 11.07.2024 (54) METHODS AND SYSTEMS FOR CREATING A SYNTHETIC SPEECH DETECTION ALGORITHM AND ENHANCING DETECTION OF FRAUDULENT AUDIO DATA USING THE ALGORITHM (51) Int. Cl. G10L 15/22 (2006.01) G10L 15/08 (2006.01) G10L 17/00 (2013.01) (31) 18/350,147 (32) 11.07.23 (33) US (43) 30.01.2025 (72) BLOUET, Raphael; MANTECON, Ana; BALCIUNAS, Linas (74) Wallington-Dummer
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(74) FPA Patent Attorneys Pty Ltd

(71) Dolphin Solutions Ltd
(11) AU-A-2024204791
(21) 2024204791 (22) 11.07.2024
(54) PRODUCT DISPENSING SYSTEM AND A METHOD OF INSTALLATION THEREOF
(51) Int. Cl.
A47K 5/14 (2006.01)
A47K 5/12 (2006.01)
B05B 1/02 (2006.01)
B05B 7/26 (2006.01)
B05B 9/043 (2006.01)
B05B 11/06 (2006.01)
(31) 2310696.6 (32) 12.07.23 (33) GB
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(72) Beattie, Christopher James; Mumford, Ralph
(74) Madderns Pty Ltd

(71) DSM IP Assets B.V.
(11) AU-A-2025200256
(21) 2025200256 (22) 14.01.2025
(54) METHODS OF SUPPORTING GASTROINTESTINAL HOMEOSTASIS
(51) Int. Cl.
A23K 20/163 (2016.01)
A61K 31/702 (2006.01)
C07H 3/06 (2006.01)
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C12N 5/0789 (2010.01)
A61K 35/28 (2015.01)
C07K 14/315 (2006.01)
C12N 9/22 (2006.01)
C12N 15/87 (2006.01)
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(74) Davies Collison Cave Pty Ltd

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A61B 5/0215 (2006.01)

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(72) ROYER, Trace; PANIAN, Tyler; SCHALLER, David
(74) Maxwells Patent & Trade Mark Attorneys Pty Ltd

(71) ESCO Group LLC
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(54) A wear part for earth working equipment
(51) Int. Cl.
E02F 9/28 (2006.01)
F16C 11/00 (2006.01)
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(71) Filterlex Medical Ltd.
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(54) INTRA-AORTIC EMBOLIC PROTECTION FILTER DEVICE
(51) Int. Cl.
A61F 2/01 (2006.01)
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B65D 33/04 (2006.01)
B65D 33/02 (2006.01)
(31) 102023000014862 (32) 14.07.23 (33) IT
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(74) WRAYS PTY LTD

(71) FISHER & PAYKEL HEALTHCARE LIMITED
(11) AU-A-2025200268
(21) 2025200268 (22) 14.01.2025
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A61M 16/06 (2006.01)

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A61M 5/142 (2006.01)
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C12N 15/85 (2006.01)
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F17C 3/00 (2006.01)
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(74) BRM Patent Attorneys Pty Ltd

(71) GE Energy Power Conversion Technology Limited
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(54) POWER SUPPLY SYSTEM FOR A PLURALITY OF ELECTROLYZERS AND ASSOCIATED FACILITY AND METHOD
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H02J 5/00 (2016.01)
C25B 1/04 (2021.01)
H02J 1/12 (2006.01)
H02J 3/46 (2006.01)
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(21) 2025200195 (22) 10.01.2025
(54) Downhole surveying and core sample orientation systems, devices and methods
(51) Int. Cl.
E21B 25/16 (2006.01)
E21B 47/026 (2006.01)

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(54) Core Sample Orientation System, Device and Method
(51) Int. Cl.
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(21) 2024200024 (22) 03.01.2024
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H10F 77/20 (2025.01)
H10F 71/00 (2025.01)
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(72) Lin, Kairui
(74) FPA Patent Attorneys Pty Ltd

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(51) Int. Cl.
G06N 10/60 (2022.01)
G06N 3/04 (2023.01)
G06N 3/08 (2023.01)
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(74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

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(54) ELECTRICAL AND ELECTRONIC DEVICES WITH CARBON BASED CURRENT COLLECTORS
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H01G 9/20 (2006.01)
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(51) Int. Cl.
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A01K 47/00 (2006.01)
A01P 7/02 (2006.01)
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(72) Inberg, Alex; Kapoor, Mahak
(74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Hickory Design Pty Ltd
(11) AU-A-2025200281
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(54) Methods and apparatus for constructing multi-storey buildings
(51) Int. Cl.
E04H 1/00 (2006.01)
E04C 5/16 (2006.01)
E04G 11/48 (2006.01)
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(72) Argyrou, George
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(71) Hitachi Energy Ltd
(11) AU-A-2025200239
(21) 2025200239 (22) 13.01.2025
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(51) Int. Cl.
G05B 13/02 (2006.01)
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(74) FB Rice Pty Ltd

(71) Holley Performance Products, Inc.
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(21) 2024204835 (22) 12.07.2024
(54) Electronic fuel injection throttle body assembly
(51) Int. Cl.
F02D 9/10 (2006.01)
F02D 9/02 (2006.01)
F02D 11/10 (2006.01)
F02M 35/10 (2006.01)
F02M 69/04 (2006.01)
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A61K 31/21 (2006.01)
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(71) Huawei Technologies Co., Ltd.
 (11) AU-A-2025200203
 (21) 2025200203 (22) 10.01.2025
 (54) DATA TRANSMISSION METHOD, COMMUNICATION APPARATUS, COMPUTER-READABLE STORAGE MEDIUM, AND CHIP
 (51) Int. Cl.
H04L 5/00 (2006.01)
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 (54) SYSTEM FOR ACCURATE LOCATION ESTIMATION OF A WATER VESSEL
 (51) Int. Cl.
G01S 5/00 (2006.01)
H04W 4/02 (2018.01)
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 (72) BENNETT, Christopher Ryan
 (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

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 (21) 2025200254 (22) 14.01.2025
 (54) COMPOSITIONS AND METHODS FOR TREATING FARBER DISEASE
 (51) Int. Cl.
A61K 38/50 (2006.01)
A61K 48/00 (2006.01)
C12N 9/80 (2006.01)
C12N 15/52 (2006.01)
C12N 15/63 (2006.01)
C12N 15/85 (2006.01)
C12N 15/86 (2006.01)

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 (51) Int. Cl.
A63F 13/21 (2014.01)
A63F 13/23 (2014.01)
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 (72) Nelson, Dwayne
 (74) Integrated IP

(71) Illinois Tool Works Inc.
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 (54) Threaded fasteners
 (51) Int. Cl.
F16B 25/00 (2006.01)
F16B 25/10 (2006.01)
F16B 33/00 (2006.01)
F16B 35/00 (2006.01)
F16B 39/00 (2006.01)
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 (54) IMPROVED TRUSS BRACING MEMBER
 (51) Int. Cl.
E04C 3/292 (2006.01)
E04B 5/12 (2006.01)
E04C 3/18 (2006.01)
E04C 3/29 (2006.01)
E04C 3/02 (2006.01)
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(71) i-Lumen Scientific, Inc.
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 (54) ELECTRODE SYSTEM FOR VISION TREATMENT AND METHOD
 (51) Int. Cl.
A61N 1/36 (2006.01)
A61N 1/04 (2006.01)
A61N 1/05 (2006.01)
A61N 1/375 (2006.01)
A61N 1/40 (2006.01)

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 (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

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 (54) NOVEL ENGINEERED T CELL RECEPTORS AND IMMUNE THERAPY USING THE SAME
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 (54) PEPTIDE COMPOUNDS AND THERAPEUTIC USES OF SAME
 (51) Int. Cl.
C07K 7/06 (2006.01)
A61K 38/00 (2006.01)
C07K 7/08 (2006.01)
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 (74) Cooper IP Pty Ltd

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 (54) Formulations
 (51) Int. Cl.
A61K 9/00 (2006.01)
A61K 38/00 (2006.01)
A61K 47/12 (2006.01)
A61K 47/26 (2006.01)
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(71) Implantica Patent Ltd
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 (54) Apparatus for Treating Obesity
 (51) Int. Cl.
A61F 5/00 (2006.01)
A61F 2/04 (2013.01)
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 (72) Forsell, Peter
 (74) WRAYS PTY LTD

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 (21) 2024204660 (22) 04.07.2024
 (54) SYSTEMS AND METHODS FOR SUPPLY CHAIN MANAGEMENT INCLUDING ERP AGNOSTIC REALTIME DATA MESH WITH CHANGE DATA CAPTURE
 (51) Int. Cl.
G06Q 10/06 (2023.01)
G06Q 10/10 (2023.01)
G06Q 40/06 (2012.01)
H04L 41/02 (2022.01)
 (31) 18/349,836 (32) 10.07.23 (33) US
 (43) 30.01.2025
 (72) SAHOO, Sanjib; GOPALAN, Mukund
 (74) RnB IP

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 (21) 2024204804 (22) 11.07.2024
 (54) SYSTEMS AND METHODS FOR DISTRIBUTION MANAGEMENT INCLUDING SPECIAL PRICING DETERMINATION
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G06Q 30/0283 (2023.01)
G06N 20/00 (2019.01)
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 (72) SAHOO, Sanjib; ANNES, Jim
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 (54) SYSTEMS AND METHODS FOR DYNAMIC SKU GENERATION IN DISTRIBUTION MANAGEMENT
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G06Q 10/0875 (2023.01)
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 (31) 18/768,998 (32) 10.07.24 (33) US
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 (21) 2025200275

(71) Intuit Inc.
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 (54) Controlling uncertain output by large language models
 (51) Int. Cl.
G06F 40/56 (2020.01)
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G06N 3/0475 (2023.01)
H04L 51/02 (2022.01)
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 (74) Davies Collison Cave Pty Ltd

(71) INVIDI Technologies Corporation
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 (21) 2025200197 (22) 10.01.2025
 (54) Cloud-based decisioning for addressable asset system
 (51) Int. Cl.
H04N 21/2668 (2011.01)
H04N 21/258 (2011.01)
H04N 21/262 (2011.01)
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 (72) WILSON, Daniel C.; ANDERSON, Bruce J.; PETERSON, Alden Lloyd; FINDERER, Howard
 (74) FPA Patent Attorneys Pty Ltd

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 (21) 2024278538

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 (54) Culture medium
 (51) Int. Cl.
C12N 5/071 (2010.01)
C12N 5/095 (2010.01)
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 (72) Sachs, Lans Norman; Drost, Jarno
 (74) FPA Patent Attorneys Pty Ltd

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 (54) Light guides with low refractive coating to be used in water
 (51) Int. Cl.
F21V 8/00 (2006.01)
G02B 6/10 (2006.01)
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 (72) BALKENENDE, Abraham Rudolf; SALTERS, Bart Andre; HIETBRINK, Roelant Boudewijn; DE WIJS, Willem-Jan Arend
 (74) FB Rice Pty Ltd

(71) K S Paterson Nominees Pty Ltd
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 (21) 2025200187 (22) 10.01.2025
 (54) Agricultural Tilling Assembly and Components
 (51) Int. Cl.
A01B 19/02 (2006.01)
A01B 7/00 (2006.01)
A01B 21/08 (2006.01)

A01B 23/06 (2006.01)
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 (62) 2018321582
 (72) PATERSON, Kentyn
 (74) Argon IP Advisory Pty Ltd

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 (54) A Spacer Segment and A Spacer
 (51) Int. Cl.
E21B 17/10 (2006.01)
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 (74) WRAYS PTY LTD

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 (54) Methods for enhancing genome engineering efficiency
 (51) Int. Cl.
C07K 14/415 (2006.01)
A01H 4/00 (2006.01)
C12N 15/82 (2006.01)
A01H 5/00 (2018.01)
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 (72) MENG, Ling
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 (54) COMPOSITIONS COMPRISING SURFACE MODIFIED GLOBULAR NANOPARTICLES
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A61K 31/765 (2006.01)
A61K 8/04 (2006.01)
A61K 8/11 (2006.01)
A61K 8/35 (2006.01)
A61K 8/85 (2006.01)
A61K 9/10 (2006.01)
A61K 9/51 (2006.01)
A61K 47/18 (2017.01)
A61K 47/54 (2017.01)
A61P 17/02 (2006.01)
A61Q 19/08 (2006.01)
 (31) 19/012,942 (32) 08.01.25 (33) US
 (43) 30.01.2025
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 (72) ABRAMOVICH, Sagi; AVIDOR, Gal; LANDA, Benzion
 (74) Belyea IP

(71) Largo Clean Energy Corp.
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 (21) 2024204427 (22) 27.06.2024
 (54) System and Method for On-Site VRFB Electrolyte Purification
 (51) Int. Cl.
H01M 8/06 (2016.01)
C01G 31/00 (2006.01)
C01G 31/02 (2006.01)
H01M 8/18 (2006.01)

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(43) 30.01.2025
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(74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD

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(11) AU-A-2025200279
(21) 2025200279 (22) 14.01.2025
(54) Applicators for applying eyelash extensions and methods for use and manufacture thereof
(51) Int. Cl.
A41G 5/02 (2006.01)
A45D 40/30 (2006.01)
A45D 44/00 (2006.01)
A61B 17/50 (2006.01)
B25B 9/02 (2006.01)
(43) 30.01.2025
(62) 2019362081
(72) LOTTI, Sahara
(74) Spruson & Ferguson

(71) Lentigen Technology, Inc.
(11) AU-A-2024287075
(21) 2024287075 (22) 20.12.2024
(54) Method to treat cancer with engineered T-cells
(51) Int. Cl.
C12N 5/0783 (2010.01)
(43) 30.01.2025
(62) 202204202
(72) DROPULIC, Boro; ORENTAS, Rimas; SCHNEIDER, Dina; KRUEGER, Winfried
(74) Griffith Hack

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(11) AU-A-2025200028
(21) 2025200028 (22) 03.01.2025
(54) Compositions and methods for treating cancer with anti-CD19 immunotherapy
(51) Int. Cl.
A61K 38/00 (2006.01)
A61K 39/00 (2006.01)
C07K 14/705 (2006.01)
(43) 30.01.2025
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(72) SCHNEIDER, Dina; ORENTAS, Rimas J.; DROPULIC, Boro; DIMITROV, Dimiter S.; ZHU, Zhongyu
(74) Griffith Hack

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(11) AU-A-2024287119
(21) 2024287119 (22) 20.12.2024
(54) LAUNDRY TREATING APPARATUS
(51) Int. Cl.
D06F 37/26 (2006.01)
D06F 37/22 (2006.01)
D06F 37/30 (2020.01)
D06F 37/40 (2006.01)
D06F 39/04 (2006.01)

D06F 58/08 (2006.01)
D06F 58/26 (2006.01)
H02K 1/16 (2006.01)
H02K 1/27 (2022.01)
H02K 7/116 (2006.01)
(43) 30.01.2025
(62) 2021336356
(72) BAE, Jinwoo; LEE, Yeonju; LEE, Jongmin; NOH, Hyunwoo
(74) Dentons Patent Attorneys Australasia Limited

(71) Lygos, Inc.
(11) AU-A-2025200185
(21) 2025200185 (22) 10.01.2025
(54) RECOMBINANT HOST CELLS AND METHODS FOR THE PRODUCTION OF ASPARTIC ACID AND BETA-ALANINE
(51) Int. Cl.
C12P 13/06 (2006.01)
C12P 13/20 (2006.01)
(43) 30.01.2025
(62) 2019292164
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(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Madrigal Pharmaceuticals, Inc.
(11) AU-A-2025200189
(21) 2025200189 (22) 10.01.2025
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(51) Int. Cl.
C07D 403/12 (2006.01)
A61K 31/501 (2006.01)
A61P 1/16 (2006.01)
A61P 3/00 (2006.01)
(43) 30.01.2025
(62) 2019298236
(72) MIRMEHRABI, Mahmoud; JONAS, Marco; BATCHU, Pavan Karthik
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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(11) AU-A-2025200291
(21) 2025200291 (22) 15.01.2025
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(51) Int. Cl.
A61M 60/13 (2021.01)
(43) 30.01.2025
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(74) Spruson & Ferguson

(71) Mahindra & Mahindra Limited
(11) AU-A-2024204852
(21) 2024204852 (22) 15.07.2024
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(51) Int. Cl.
F01N 13/18 (2010.01)
F01N 3/20 (2006.01)
(31) 202341047290 (32) 13.07.23 (33) IN
(43) 30.01.2025
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(74) PHILLIPS ORMONDE FITZPATRICK

(71) Mallinckrodt Hospital Products IP Unlimited Company
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(21) 2025200255 (22) 14.01.2025
(54) GAS SENSOR MODULE
(51) Int. Cl.
A61M 16/10 (2006.01)
A61M 16/12 (2006.01)
G01N 1/22 (2006.01)
(43) 30.01.2025
(62) 2019391029
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(74) PHILLIPS ORMONDE FITZPATRICK

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(11) AU-A-2024204800
(21) 2024204800 (22) 11.07.2024
(54) HAYMAKING MACHINE
(51) Int. Cl.
A01D 78/10 (2006.01)
(31) 10 2023 118 727.9 (32) 14.07.23 (33) DE
(43) 30.01.2025
(72) Johanning, Bernd; Baiser, Herr Andrej
(74) PHILLIPS ORMONDE FITZPATRICK

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(21) 2024204801 (22) 11.07.2024
(54) HAYMAKING MACHINE
(51) Int. Cl.
A01D 78/10 (2006.01)
A01D 78/00 (2006.01)
A01D 80/02 (2006.01)
(31) 10 2023 118 726.0 (32) 14.07.23 (33) DE
(43) 30.01.2025
(72) Johanning, Bernd; Baiser, Herr Andrej
(74) PHILLIPS ORMONDE FITZPATRICK

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(11) AU-A-2025200130
(21) 2025200130 (22) 09.01.2025
(54) Methods to spatially profile protease activity in tissue and sections
(51) Int. Cl.
C12Q 1/37 (2006.01)
A61K 49/00 (2006.01)
C07K 19/00 (2006.01)
G01N 33/542 (2006.01)
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(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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(11) AU-A-2025200063
(21) 2025200063 (22) 06.01.2025
(54) ANTI-CD73, ANTI-PD-L1 ANTIBODIES AND CHEMOTHERAPY FOR TREATING TUMORS
(51) Int. Cl.
C07K 16/18 (2006.01)
A61P 35/04 (2006.01)
C07K 16/28 (2006.01)
(43) 30.01.2025
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(71) MedImmune Limited; Innate Pharma
(11) AU-A-2025200275
(21) 2025200275 (22) 14.01.2025
(54) TREATMENT OF CANCER
(51) Int. Cl.
A61K 45/06 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
(43) 30.01.2025
(62) 2019270277
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(74) PHILLIPS ORMONDE FITZPATRICK

(71) Millie & More Pty Ltd
(11) AU-A-2023355066
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(51) Int. Cl.
A61F 13/505 (2006.01)
A61F 7/00 (2006.01)
A61F 13/15 (2006.01)
A61F 13/472 (2006.01)
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A61F 13/84 (2006.01)
(43) 30.01.2025
(72) Klitsas, Mia
(74) BRM Patent Attorneys Pty Ltd

(71) Mirobio Limited; Oxford University Innovation Limited
(11) AU-A-2025200120
(21) 2025200120 (22) 08.01.2025
(54) Anti-BTLA antibodies
(51) Int. Cl.
C07K 16/28 (2006.01)

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(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) NAVICO, INC.
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(21) 2024204824 (22) 12.07.2024
(54) SYSTEMS AND METHODS FOR GENERATING ROUTES FOR WATER-CRAFT
(51) Int. Cl.
G01C 21/20 (2006.01)
G06N 20/00 (2019.01)
G06Q 10/047 (2023.01)
(31) 18/351053 (32) 12.07.23 (33) US
(43) 30.01.2025
(72) VINCENT, Zachary E
(74) AJ PARK

(71) Novartis AG; The Trustees of the University of Pennsylvania
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(21) 2025200204 (22) 10.01.2025
(54) Chimeric antigen receptors for the treatment of cancer
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
(43) 30.01.2025
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(74) Davies Collison Cave Pty Ltd

(71) Ocugen, Inc.
(11) AU-A-2025200249
(21) 2025200249 (22) 13.01.2025
(54) Scaffold with adhesive for articular cartilage repair
(51) Int. Cl.
A61F 2/30 (2006.01)
A61F 2/00 (2006.01)
A61F 2/02 (2006.01)
(43) 30.01.2025
(62) 2019287447
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(74) Spruson & Ferguson

(71) One Home Brands, Inc.
(11) AU-A-2025200274
(21) 2025200274 (22) 14.01.2025
(54) Stable anhydrous cleanser concentrate formulation and method of making same
(51) Int. Cl.
C11D 3/00 (2006.01)
C11D 3/10 (2006.01)
C11D 3/20 (2006.01)
C11D 11/00 (2006.01)
C11D 17/00 (2006.01)

C11D 17/06 (2006.01)
(43) 30.01.2025
(62) 2023200033
(72) NAQVI, Syed Humza
(74) Davies Collison Cave Pty Ltd

(71) Otsuka Pharmaceutical Co., Ltd.
(11) AU-A-2025200229
(21) 2025200229 (22) 13.01.2025
(54) Injectable preparation
(51) Int. Cl.
A61K 9/06 (2006.01)
A61K 31/496 (2006.01)
A61K 47/10 (2017.01)
A61K 47/32 (2006.01)
A61K 47/38 (2006.01)
A61P 25/18 (2006.01)
A61P 25/24 (2006.01)
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(74) Davies Collison Cave Pty Ltd

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(21) 2025200120

(71) PALEO B.V.
(11) AU-A-2025200277
(21) 2025200277 (22) 14.01.2025
(54) MEAT SUBSTITUTE COMPRISING ANIMAL MYOGLOBIN
(51) Int. Cl.
A23J 3/06 (2006.01)
A23J 3/22 (2006.01)
A23L 13/40 (2023.01)
C07K 14/805 (2006.01)
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(62) 2021411747
(72) SANCTORUM, Hermes; DE JONG, Andy
(74) Griffith Hack

(71) Paragon Advanced Technologies, Inc.
(11) AU-A-2025200131
(21) 2025200131 (22) 09.01.2025
(54) IMPLANT FOR FOCAL TALUS DEFECTS AND METHOD
(51) Int. Cl.
A61F 2/42 (2006.01)
A61B 17/15 (2006.01)
A61B 17/92 (2006.01)
A61F 2/46 (2006.01)
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(62) 2021329641
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(11) AU-A-2024266932
(21) 2024266932 (22) 27.11.2024

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(51) Int. Cl.
A61K 9/127 (2006.01)
A61K 31/14 (2006.01)
A61K 31/20 (2006.01)
A61K 31/685 (2006.01)
A61K 35/76 (2015.01)
A61K 38/21 (2006.01)
A61K 39/12 (2006.01)
A61K 39/39 (2006.01)
C12N 15/88 (2006.01)

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(74) FB Rice Pty Ltd

(71) Peggy Peg Innovative Systems GmbH
(11) AU-A-2023219835

(21) 2023219835 (22) 22.08.2023

(54) COUPLING DEVICE

(51) Int. Cl.
E04H 12/22 (2006.01)
F16L 3/12 (2006.01)

(31) 10 2023 118 570.5 (32) 13.07.23 (33) DE

(43) 30.01.2025
(72) Vredenburg, Herr Gerard; Tibabisco, Herr Cristian

(74) Cooper IP Pty Ltd

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

(11) AU-A-2025200246

(21) 2025200246 (22) 13.01.2025

(54) Auxiliary system and method for starting or restarting the flow of gelled fluid

(51) Int. Cl.
F16L 55/053 (2006.01)
F15B 1/24 (2006.01)

(43) 30.01.2025

(62) 2018404213

(72) DOS SANTOS VIEIRA LIMA, Guilherme; RIBEIRO NEGRÃO, Cezar Otaviano; MARTINEZ BARREIRA, Eduardo; DE ROSSO, Nezia; DE CARVALHO, Paulo Henrique; MACHADO KROETZ, Fernando

(74) Griffith Hack

(71) Pfizer Inc.; Ctxt Pty Ltd

(11) AU-A-2025200238

(21) 2025200238 (22) 13.01.2025

(54) KAT6 inhibitor methods and combinations for cancer treatment

(51) Int. Cl.
A61K 31/4196 (2006.01)
A61K 31/18 (2006.01)
A61K 31/423 (2006.01)
A61K 31/506 (2006.01)
A61K 31/519 (2006.01)
A61K 31/565 (2006.01)
A61K 31/7064 (2006.01)
A61K 45/06 (2006.01)
A61P 35/00 (2006.01)

(43) 30.01.2025

(62) 2021308406

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(74) Allens Patent & Trade Mark Attorneys

(71) Polycorp Ltd.

(11) AU-A-2025200215

(21) 2025200215 (22) 10.01.2025

(54) System and method for securing tuned mass dampers to rail

(51) Int. Cl.
E01B 19/00 (2006.01)

(43) 30.01.2025

(62) 2019229451

(72) ELLIS, Richard Theodore; LEONE, Marco

(74) Spruson & Ferguson

(71) Pratt Retail Specialties, LLC

(11) AU-A-2025200280

(21) 2025200280 (22) 14.01.2025

(54) Modular Box Assembly

(51) Int. Cl.
B65D 1/22 (2006.01)
A61J 1/16 (2023.01)
B65D 5/00 (2006.01)
B65D 5/24 (2006.01)
B65D 5/42 (2006.01)
B65D 5/56 (2006.01)
B65D 37/00 (2006.01)
B65D 81/38 (2006.01)
F25D 23/00 (2006.01)

(43) 30.01.2025

(62) 2024216411

(72) Ott, Paul; Waltermire, Jamie; Sollie, Greg

(74) Golja Haines & Friend

(71) Protechna S.A.

(11) AU-A-2025200177

(21) 2025200177 (22) 10.01.2025

(54) SEALING CAP FOR A CONTAINER CLOSURE, AND CONTAINER CLOSURE HAVING A SEALING CAP OF THIS TYPE

(51) Int. Cl.
B65D 39/08 (2006.01)
B65D 55/08 (2006.01)

(43) 30.01.2025

(62) 2021338896

(72) KLATT, Bernd

(74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

PT ESG NEW ENERGY MATERIAL see PT QMB NEW ENERGY MATERIALS

(21) 2023446716

PT ESG NEW ENERGY MATERIAL see PT QMB NEW ENERGY MATERIALS

(21) 2023446719

(71) PT ESG NEW ENERGY MATERIAL; PT QMB NEW ENERGY MATERIALS; GEM CO., LTD.; PT GEM INDONESIA NEW ENERGY MATERIALS

(11) AU-A-2023446720

(21) 2023446720 (22) 30.06.2023

(54) ACID FEEDING SYSTEM FOR HIGH-PRESSURE KETTLE FOR LATERITE-NICKEL ORE HYDROMETALLURGY

(51) Int. Cl.
C22B 23/00 (2006.01)
C22B 3/02 (2006.01)
C22B 3/06 (2006.01)

(43) 30.01.2025

(72) BRODJONEGORO, Satryo Soemantri; XU, Kaihua; WANALDI, Rizky; AJI, Tegar Mukti; HASIBUAN, Andi Syaputra; ARINDA, Shella; KRISTIYANTO, Evan Wahyu; WANG, Yi; SIN-AGA, Arnaldo Marulitua

(74) Madderns Pty Ltd

(71) PT ESG NEW ENERGY MATERIAL; PT QMB NEW ENERGY MATERIALS; GEM CO., LTD.; PT GEM INDONESIA NEW ENERGY MATERIALS

(11) AU-A-2023446723

(21) 2023446723 (22) 30.06.2023

(54) SYSTEM AND METHOD WITH REDUCTION IN MOISTURE CONTENT AND IMPURITIES OF NICKEL-COBALT HYDROXIDE

(51) Int. Cl.
C22B 23/00 (2006.01)
B01D 12/00 (2006.01)
C22B 3/22 (2006.01)
C22B 3/44 (2006.01)
F26B 3/04 (2006.01)
F26B 3/20 (2006.01)

(43) 30.01.2025

(72) BRODJONEGORO, Satryo Soemantri; XU, Kaihua; CUI, Tao; KRISTIYANTO, Evan Wahyu; MUZAYADAH, Nurul Lailatul; AJI, Tegar Mukti; HASIBUAN, Andi Syaputra; WANALDI, Rizky

(74) Madderns Pty Ltd

PT ESG NEW ENERGY MATERIAL see PT QMB NEW ENERGY MATERIALS

(21) 2023446731

(71) PT ESG NEW ENERGY MATERIAL; PT QMB NEW ENERGY MATERIALS; GEM CO., LTD.; PT GEM INDONESIA NEW ENERGY MATERIALS

(11) AU-A-2023446732

(21) 2023446732 (22) 03.07.2023

(54) GREEN METHOD FOR PRODUCING NICKEL-COBALT-MANGANESE NEW ENERGY RAW MATERIAL FROM LATERITE NICKEL ORE BASED ON HYDROMETALLURGY

(51) Int. Cl.
C22B 3/08 (2006.01)
C22B 1/00 (2006.01)

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C22B 3/44 (2006.01)
C22B 23/00 (2006.01)
C22B 47/00 (2006.01)
H01M 4/525 (2010.01)

- (43) 30.01.2025
 (72) BRODJONEGORO, Satryo Soemantri; XU, Kaihua; PENG, Yaguang; WANALDI, Rizky; AJI, Tegar Mukti; HASIBUAN, Andi Syaputra; KRISTIYANTO, Evan Wahyu; RAHMADI, Piyan
 (74) Madderns Pty Ltd

PT GEM INDONESIA NEW ENERGY MATERIALS see **PT QMB NEW ENERGY MATERIALS**

(21) 2023446716

PT GEM INDONESIA NEW ENERGY MATERIALS see **PT QMB NEW ENERGY MATERIALS**

(21) 2023446719

PT GEM INDONESIA NEW ENERGY MATERIALS see **PT ESG NEW ENERGY MATERIAL**

(21) 2023446720

PT GEM INDONESIA NEW ENERGY MATERIALS see **PT ESG NEW ENERGY MATERIAL**

(21) 2023446723

PT GEM INDONESIA NEW ENERGY MATERIALS see **PT QMB NEW ENERGY MATERIALS**

(21) 2023446731

PT GEM INDONESIA NEW ENERGY MATERIALS see **PT ESG NEW ENERGY MATERIAL**

(21) 2023446732

(71) PT QMB NEW ENERGY MATERIALS; PT ESG NEW ENERGY MATERIAL; GEM CO., LTD.; PT GEM INDONESIA NEW ENERGY MATERIALS

- (11) AU-A-2023446716
 (21) 2023446716 (22) 30.06.2023
 (54) METHOD FOR CONTINUOUSLY PREPARING MIXED HYDROXIDE PRECIPITATE BY MEANS OF LATERITE-NICKEL ORE HYDROMETALLURGY

(51) Int. Cl.
C22B 23/00 (2006.01)
C22B 3/22 (2006.01)
C22B 3/44 (2006.01)

- (43) 30.01.2025
 (72) XU, Kaihua; BRODJONEGORO, Satryo Soemantri; AJI, Tegar Mukti; WANALDI, Rizky; HASIBUAN, Andi Syaputra; KRISTIYANTO, Evan Wahyu; SALIM, Emil; CUI, Tao
 (74) Madderns Pty Ltd

(71) PT QMB NEW ENERGY MATERIALS; PT ESG NEW ENERGY MATERIAL; GEM CO., LTD.; PT GEM INDONESIA NEW ENERGY MATERIALS

(11) AU-A-2023446719

(21) 2023446719 (22) 30.06.2023

(54) METHOD FOR DYNAMICALLY REGULATING CONDITIONS OF HIGH-PRESSURE LEACHING REACTION OF LATERITE NICKEL ORE

(51) Int. Cl.
C22B 3/06 (2006.01)
C22B 23/00 (2006.01)
G05D 23/13 (2006.01)

- (43) 30.01.2025
 (72) XU, Kaihua; BRODJONEGORO, Satryo Soemantri; WANG, Yi; WANALDI, Rizky; AJI, Tegar Mukti; KRISTIYANTO, Evan Wahyu; HASIBUAN, Andi Syaputra; RAHMADI, Piyan
 (74) Madderns Pty Ltd

PT QMB NEW ENERGY MATERIALS see **PT ESG NEW ENERGY MATERIAL**

(21) 2023446720

PT QMB NEW ENERGY MATERIALS see **PT ESG NEW ENERGY MATERIAL**

(21) 2023446723

(71) PT QMB NEW ENERGY MATERIALS; PT ESG NEW ENERGY MATERIAL; GEM CO., LTD.; PT GEM INDONESIA NEW ENERGY MATERIALS

(11) AU-A-2023446731

(21) 2023446731 (22) 29.06.2023

(54) COMPREHENSIVE UTILIZATION METHOD FOR VALUABLE ELEMENTS IN DISCHARGED SLAG OF LATERITE-NICKEL ORE SMELTING

(51) Int. Cl.
C22B 21/00 (2006.01)
C22B 59/00 (2006.01)
B01D 3/00 (2006.01)
B01D 5/00 (2006.01)
C22B 3/06 (2006.01)
C22B 3/10 (2006.01)
C22B 3/44 (2006.01)
C22B 23/00 (2006.01)

- (43) 30.01.2025
 (72) XU, Kaihua; BRODJONEGORO, Satryo Soemantri; WU, Guangyuan; AJI, Tegar Mukti; HASIBUAN, Andi Syaputra; WANALDI, Rizky; KRISTIYANTO, Evan Wahyu; RAHMADI, Piyan
 (74) Madderns Pty Ltd

PT QMB NEW ENERGY MATERIALS see **PT ESG NEW ENERGY MATERIAL**

(21) 2023446732

(71) R2E Enterprises Ltd

(11) AU-A-2024204811

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F03G 7/08 (2006.01)
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A23L 2/60 (2006.01)
A23L 27/00 (2016.01)
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C07K 16/26 (2006.01)

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A61M 39/24 (2006.01)
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C23F 1/34 (2006.01)
C23F 1/36 (2006.01)
C23F 1/38 (2006.01)
C23F 1/40 (2006.01)
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A61P 35/00 (2006.01)
C07D 401/14 (2006.01)
C07D 471/04 (2006.01)
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 (74) FPA Patent Attorneys Pty Ltd

(71) Zimmer, Inc.
 (11) AU-A-2025200297
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 METHODS AND INSTRUMENTS
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 (72) Yoko, Tim; Capek, Joseph C.; Sza-
 lkowski, Amanda; Vandiepenbos, Jef-
 fery A.
 (74) PHILLIPS ORMONDE FITZPATRICK

Numerical Index

2023204588	CHANGZHOU INSTITUTE OF TECHNOLOGY	2024266707	Research Institute At Nationwide Children's Hospital
2023204679	SEQUEIRA, A.	2024266710	Beam Therapeutics Inc.
2023219835	Peggy Peg Innovative Systems GmbH	2024266932	PDS Biotechnology Corporation
2023241341	Shanghai Lanhao Jiangsu Electric Co., Ltd.	2024278248	Autolus Limited
2023278000	Dalhousie University	2024278436	Bio-Rad Europe GmbH; Bio-Rad Laboratories, Inc.
2023305024	CDR ECO-MOVEMENT, INC.	2024278438	THE CATHOLIC UNIVERSITY OF KOREA IN-
2023355066	Millie & More Pty Ltd		DUSTRY-ACADEMIC COOPERATION FOUNDATION
2023366063	XU, S.; JIANG, J.	2024278469	CATOI, P.B.
2023446716	PT QMB NEW ENERGY MATERIALS; PT ESG NEW	2024278477	Immunity Pharma Ltd.
	ENERGY MATERIAL; GEM CO., LTD.; PT GEM IN-	2024278538	Amgen Inc.; Kite Pharma, Inc.
	DONESIA NEW ENERGY MATERIALS	2024278588	Koninklijke Philips N.V.
2023446719	PT QMB NEW ENERGY MATERIALS; PT ESG NEW	2024278594	Regeneron Pharmaceuticals, Inc.
	ENERGY MATERIAL; GEM CO., LTD.; PT GEM IN-	2024278600	KWS SAAT SE & Co. KGaA
	DONESIA NEW ENERGY MATERIALS	2024287075	Lentigen Technology, Inc.
2023446720	PT ESG NEW ENERGY MATERIAL; PT QMB NEW	2024287098	Gaztransport et Technigaz
	ENERGY MATERIALS; GEM CO., LTD.; PT GEM IN-	2024287119	LG ELECTRONICS INC.
	DONESIA NEW ENERGY MATERIALS	2024287198	The United States of America, as represented by The
2023446723	PT ESG NEW ENERGY MATERIAL; PT QMB NEW		Secretary, Department of Health and Human Services
	ENERGY MATERIALS; GEM CO., LTD.; PT GEM IN-	2024287211	Fundacion para la Investigacion Biomedica del Hospit-
	DONESIA NEW ENERGY MATERIALS		al Infantil Universitario Nino Jesus; Centro de Investiga-
2023446731	PT QMB NEW ENERGY MATERIALS; PT ESG NEW		ciones Energeticas, Medioambientales y Tecnologicas,
	ENERGY MATERIAL; GEM CO., LTD.; PT GEM IN-		O.A., M.P.; Fundacion Instituto de Investigacion Sanita-
	DONESIA NEW ENERGY MATERIALS		ria Fundacion Jimenez Diaz; Consorcio Centro de In-
2023446732	PT ESG NEW ENERGY MATERIAL; PT QMB NEW		vestigacion Biomedica en Red, M.P
	ENERGY MATERIALS; GEM CO., LTD.; PT GEM IN-	2025200025	TScan Therapeutics, Inc.
	DONESIA NEW ENERGY MATERIALS	2025200028	Lentigen Technology, Inc.; The U.S.A., as represen-
2024200024	Golden Solar (Quanzhou) New Energy Technology Co.,		ted by the Secretary, Department of Health and Human
	Ltd.		Services
2024201532	China ENFI Engineering Corporation; China Nonferrous	2025200057	Koninklijke Nederlandse Akademie van Wetenschap-
	Engineering Co., Ltd.		pen
2024202671	Advanced Lithium Electrochemistry Co., Ltd.	2025200063	MedImmune, LLC
2024203033	Adobe Inc.	2025200074	Amicus Therapeutics, Inc.
2024203394	Intuit Inc.	2025200075	Regeneron Pharmaceuticals, Inc.
2024203495	CLENERGY TECHNOLOGY CO., LTD.;	2025200078	The Regents of The University of California
	CLENERGY(XIAMEN) ELECTRICAL EQUIPMENT	2025200079	TeneoBio, Inc.
	CO., LTD	2025200090	Immatics Biotechnologies GmbH
2024203994	GE Energy Power Conversion Technology Limited	2025200091	Vaxcyte, Inc.
2024204045	Tramec Sloan, LLC	2025200092	Chr. Hansen HMO GmbH
2024204073	CATERPILLAR PAVING PRODUCTS INC.	2025200098	The General Hospital Corporation
2024204124	ARCHTIS LIMITED	2025200120	Mirobio Limited; Oxford University Innovation Limited
2024204254	Deere & Company	2025200130	Massachusetts Institute of Technology
2024204427	Largo Clean Energy Corp.	2025200131	Paragon Advanced Technologies, Inc.
2024204546	Fiorini Packaging S.P.A.	2025200132	Acura Pharmaceuticals, Inc.
2024204563	SAGEMCOM BROADBAND SAS	2025200135	WONDERLAND SWITZERLAND AG
2024204655	Illinois Tool Works Inc.	2025200137	AstraZeneca AB
2024204660	Ingram Micro Inc.	2025200138	Greatcell Energy Limited
2024204731	RYAN NT INTERNATIONAL PTY LTD	2025200139	XINTHERA, INC.
2024204734	The Boeing Company	2025200140	Akamis Bio Limited
2024204787	SAGEMCOM BROADBAND SAS	2025200141	Regenxbio Inc.
2024204791	Dolphin Solutions Ltd	2025200142	Abodo Wood Limited
2024204796	Daon Technology	2025200143	ESCO Group LLC
2024204800	Maschinenfabrik Bernard Krone GmbH & Co. KG	2025200144	i-Lumen Scientific, Inc.
2024204801	Maschinenfabrik Bernard Krone GmbH & Co. KG	2025200145	I911 International, Inc.
2024204803	BLANCO GmbH + Co KG	2025200146	Immunocore Limited
2024204804	Ingram Micro Inc.	2025200151	Carbon Autonomous Robotic Systems Inc.
2024204805	Ingram Micro Inc.	2025200152	Abiomed, Inc.
2024204811	R2E Enterprises Ltd	2025200154	C2Dx, Inc.
2024204817	Illinois Tool Works Inc.	2025200155	Red Bull GmbH
2024204824	NAVICO, INC.	2025200158	Samsung Electronics Co., Ltd.
2024204835	Holley Performance Products, Inc.	2025200159	Yamada, K.; Fuso Pharmaceutical Industries, Ltd.
2024204836	Disney Enterprises, Inc.; ETH Zürich (Eidgenössische	2025200160	The University of North Carolina at Chapel Hill
	Technische Hochschule Zürich)	2025200161	X Development LLC
2024204852	Mahindra & Mahindra Limited	2025200163	KWIK-ZIP PTY LTD
2024205520	CULLIS-HILL, S.D.	2025200164	Case Western Reserve University
2024220141	Raft Enterprises Ltd.	2025200170	Bechtel Energy Technologies & Solutions, Inc.
20242227619	GREENLIGHT BIOSCIENCES, INC.	2025200171	Angel Group Co., Ltd.
20242227669	Deco IP Pty Ltd	2025200174	Filterlex Medical Ltd.
2024264658	Editas Medicine, Inc.	2025200176	GOOGLE LLC

Applications Open to Public Inspection - Numerical Index cont'd

2025200177	Protechna S.A.
2025200178	Brigham Young University
2025200179	Endotronix, Inc.
2025200181	Achilles Therapeutics UK Limited
2025200183	Angel Group Co., Ltd.
2025200185	Lygos, Inc.
2025200187	K S Paterson Nominees Pty Ltd
2025200189	Madrigal Pharmaceuticals, Inc.
2025200190	Tyco Fire & Security GmbH
2025200193	Implantica Patent Ltd
2025200194	LANDA LABS (2012) LTD.
2025200195	Globaltech Corporation Pty Ltd
2025200196	BIOKNOWME PTY LTD
2025200197	INVIDI Technologies Corporation
2025200198	Boston Scientific Scimed, Inc.
2025200199	Globaltech Corporation Pty Ltd
2025200200	AeroVironment, Inc.
2025200201	Boston Scientific Medical Device Limited; Boston Scientific Scimed, Inc.
2025200203	Huawei Technologies Co., Ltd.
2025200204	Novartis AG; The Trustees of the University of Pennsylvania
2025200206	Regeneron Pharmaceuticals, Inc.
2025200207	Stand Technologies Pty Ltd
2025200209	Syngenta Crop Protection AG
2025200210	Wing Aviation LLC
2025200213	Baylor College of Medicine
2025200214	IGT
2025200215	Polycorp Ltd.
2025200217	RadTran LLC
2025200220	STEMLINE THERAPEUTICS, INC.
2025200221	The Texas A&M University System
2025200225	Angel Group Co., Ltd.
2025200229	Otsuka Pharmaceutical Co., Ltd.
2025200230	Hope Medical Enterprise, Inc. d.b.a. Hope Pharmaceuticals
2025200231	Cricut, Inc.
2025200233	Rovi Guides, Inc.
2025200238	Pfizer Inc.; Ctxt Pty Ltd
2025200239	Hitachi Energy Ltd
2025200245	Ablynx NV
2025200246	Petróleo Brasileiro S.A. - Petrobras; Universidade Tecnológica Federal do Paraná
2025200248	Tyco Fire Products LP
2025200249	Ocugen, Inc.
2025200250	Cartiheal (2009) Ltd.
2025200254	Icahn School of Medicine at Mount Sinai
2025200255	Mallinckrodt Hospital Products IP Unlimited Company
2025200256	DSM IP Assets B.V.
2025200264	Stryker Corporation
2025200268	FISHER & PAYKEL HEALTHCARE LIMITED
2025200273	ADS Therapeutics LLC
2025200274	One Home Brands, Inc.
2025200275	MedImmune Limited; Innate Pharma
2025200276	Abbott Diabetes Care Inc.
2025200277	PALEO B.V.
2025200278	ResMed Pty Ltd
2025200279	Lashify, Inc.
2025200280	Pratt Retail Specialties, LLC
2025200281	Hickory Design Pty Ltd
2025200283	Fresenius Kabi USA, LLC
2025200291	Magenta Medical Ltd
2025200297	Zimmer, Inc.

IPC Index

<u>A01B 19 I/-</u> 2025200187	<u>A23L 29 I/-</u> 2025200155	<u>A61J 1 I/-</u> 2025200280	2025200221	<u>A61P 35 I/-</u> 2025200063 2025200137 2025200139 2025200159 2025200220 2025200221 2025200238 2025200275	<u>B05B 7 I/-</u> 2024204791
<u>A01B 21 I/-</u> 2025200187	<u>A23L 33 I/-</u> 2025200155	<u>A61K 31 I/-</u> 2024205520 2024266932 2025200074 2025200139 2025200159 2025200189 2025200194 2025200229 2025200230 2025200238 2025200256 2025200273	<u>A61K 51 I/-</u> 2025200217 2025200221		<u>B05B 9 I/-</u> 2024204791
<u>A01B 23 I/-</u> 2025200187	<u>A41D 13 I/-</u> 2025200264		<u>A61K 8 I/-</u> 2025200194		<u>B05D 3 I/-</u> 2024204734
<u>A01B 29 I/-</u> 2024204731	<u>A41G 5 I/-</u> 2025200279		<u>A61K 9 I/-</u> 2024266932 2025200132 2025200146 2025200194 2025200220 2025200229	<u>A61P 43 I/-</u> 2025200159	<u>B05D 5 I/-</u> 2024204734
<u>A01B 7 I/-</u> 2025200187	<u>A42B 3 I/-</u> 2025200264			<u>A61P 9 I/-</u> 2025200159	<u>B05D 7 I/-</u> 2024204734
<u>A01C 5 I/-</u> 2024204731	<u>A45D 40 I/-</u> 2025200279			<u>A61Q 19 I/-</u> 2025200194	<u>B07C 5 I/-</u> 2023278000
<u>A01D 46 I/-</u> 2024204254	<u>A45D 44 I/-</u> 2025200279	<u>A61K 35 I/-</u> 2024264658 2024266932 2025200140	<u>A61L 27 I/-</u> 2024220141	<u>A62B 18 I/-</u> 2025200278	<u>B25B 9 I/-</u> 2025200279
<u>A01D 69 I/-</u> 2024204254	<u>A47J 42 I/-</u> 2023366063		<u>A61M 16 I/-</u> 2025200255 2025200268 2025200278	<u>A62B 9 I/-</u> 2025200278	<u>B25H 1 I/-</u> 2025200207
<u>A01D 78 I/-</u> 2024204800 2024204801	<u>A47K 5 I/-</u> 2024204791	<u>A61K 38 I/-</u> 2024266932 2024278477 2025200028 2025200078 2025200141 2025200146 2025200213 2025200220 2025200221 2025200254	<u>A61M 39 I/-</u> 2025200278	<u>A62C 35 I/-</u> 2025200248	<u>B27D 1 I/-</u> 2025200142
<u>A01D 80 I/-</u> 2024204801	<u>A61B 1 I/-</u> 2025200201		<u>A61M 5 I/-</u> 2025200098 2025200283	<u>A63F 1 I/-</u> 2025200183 2025200225	<u>B32B 21 I/-</u> 2025200142
<u>A01H 4 I/-</u> 2024278600	<u>A61B 17 I/-</u> 2025200131 2025200201 2025200250 2025200279 2025200297		<u>A61M 60 I/-</u> 2025200152 2025200291	<u>A63F 11 I/-</u> 2025200183	<u>B32B 7 I/-</u> 2025200142
<u>A01H 5 I/-</u> 2024278600		<u>A61K 39 I/-</u> 2024266932 2024278538 2024278594 2025200028 2025200091 2025200140 2025200181 2025200204 2025200221 2025200245 2025200275		<u>A63F 13 I/-</u> 2025200214	<u>B41F 16 I/-</u> 2025200231
<u>A01K 47 I/-</u> 2024227619	<u>A61B 18 I/-</u> 2025200198		<u>A61N 1 I/-</u> 2025200144 2025200164	<u>A63F 3 I/-</u> 2025200171 2025200183 2025200225	<u>B41F 17 I/-</u> 2025200231
<u>A01K 67 I/-</u> 2025200075 2025200079 2025200206	<u>A61B 3 I/-</u> 2024278438		<u>A61P 1 I/-</u> 2025200159 2025200189		<u>B60N 2 I/-</u> 2024204073
<u>A01M 1 I/-</u> 2025200151	<u>A61B 5 I/-</u> 2025200179 2025200276		<u>A61P 11 I/-</u> 2025200159	<u>A63F 9 I/-</u> 2025200183 2025200225	<u>B60P 7 I/-</u> 2024204045
<u>A01N 37 I/-</u> 2025200230	<u>A61F 13 I/-</u> 2023355066	<u>A61K 45 I/-</u> 2024278594 2025200238 2025200275	<u>A61P 13 I/-</u> 2025200074 2025200159	<u>B01D 1 I/-</u> 2025200170	<u>B62B 9 I/-</u> 2025200135
<u>A01N 57 I/-</u> 2024227619	<u>A61F 2 I/-</u> 2025200131 2025200154 2025200174 2025200193 2025200249 2025200250 2025200297		<u>A61P 17 I/-</u> 2025200194	<u>B01D 12 I/-</u> 2023446723	<u>B64C 39 I/-</u> 2025200210
<u>A01P 7 I/-</u> 2024227619		<u>A61K 47 I/-</u> 2025200091 2025200137 2025200141 2025200146 2025200194 2025200220 2025200221 2025200229	<u>A61P 25 I/-</u> 2024205520 2025200141 2025200159 2025200229	<u>B01D 3 I/-</u> 2023446731	<u>B64D 47 I/-</u> 2025200200
<u>A23J 3 I/-</u> 2025200277	<u>A61F 5 I/-</u> 2025200193		<u>A61P 27 I/-</u> 2025200159 2025200273	<u>B01D 5 I/-</u> 2023446731	<u>B65D 1 I/-</u> 2025200280
<u>A23K 20 I/-</u> 2025200256	<u>A61F 7 I/-</u> 2023355066 2025200098	<u>A61K 48 I/-</u> 2025200078 2025200141 2025200160 2025200254		<u>B01J 19 I/-</u> 2025200098	<u>B65D 33 I/-</u> 2024204546
<u>A23L 13 I/-</u> 2025200277	<u>A61F 9 I/-</u> 2024278438 2025200273		<u>A61P 3 I/-</u> 2024278594 2025200189	<u>B01L 3 I/-</u> 2024278436	<u>B65D 37 I/-</u> 2025200280
<u>A23L 2 I/-</u> 2025200155		<u>A61K 49 I/-</u> 2025200130	<u>A61P 31 I/-</u> 2025200091	<u>B05B 1 I/-</u> 2024204791	<u>B65D 39 I/-</u> 2025200177
<u>A23L 27 I/-</u> 2025200155				<u>B05B 11 I/-</u> 2024204791	<u>B65D 5 I/-</u> 2025200280

Applications Open to Public Inspection - IPC Index cont'd

B65D 55 /- 2025200177	2025200221 2025200245	C12R 1 /- 2025200025	E04C 3 /- 2024204817	F16B 35 /- 2024204655	2025200151
B65D 81 /- 2025200280	C07K 19 /- 2025200130 2025200220	C22B 1 /- 2023446732	E04C 5 /- 2025200281	F16B 39 /- 2024204655	G02B 6 /- 2024278588
B65G 15 /- 2023278000	C07K 7 /- 2024278477	C22B 21 /- 2023446731	E04F 13 /- 2024227669	F16C 11 /- 2025200143	G05B 13 /- 2025200239
B66F 13 /- 2025200207	C11D 11 /- 2025200274	C22B 23 /- 2023446716 2023446719 2023446720 2023446723 2023446731 2023446732	E04F 15 /- 2025200142	F16K 15 /- 2025200278	G05B 17 /- 2025200239
B66F 7 /- 2025200207	C11D 17 /- 2025200274	C22B 3 /- 2023446716 2023446719 2023446720 2023446723 2023446731 2023446732 2024201532	E04G 11 /- 2025200281	F16L 3 /- 2023219835	G05B 19 /- 2025200190
C01G 31 /- 2024204427	C11D 3 /- 2025200274	C22B 47 /- 2023446732	E04H 1 /- 2025200281	F16L 55 /- 2025200246	G05D 23 /- 2023446719
C01G 53 /- 2024202671	C12M 1 /- 2024278436	C22B 59 /- 2023446731 2024201532	E04H 12 /- 2023219835	F16M 11 /- 2025200207	G06F 16 /- 2024204124
C02F 1 /- 2025200170	C12M 3 /- 2024278436	C23F 1 /- 2024204734	E21B 17 /- 2025200163	F17C 3 /- 2024287098	G06F 21 /- 2024204124 2025200196
C07B 59 /- 2025200217	C12N 1 /- 2025200092 2025200209	C23F 17 /- 2024204734	E21B 25 /- 2025200195 2025200199	F21S 4 /- 2023241341	G06F 40 /- 2024203394
C07C 381 /- 2023204588	C12N 15 /- 2024264658 2024266707 2024266710 2024266932 2024278600 2024287198 2024287211 2025200025 2025200075 2025200079 2025200140 2025200141 2025200160 2025200206 2025200254	C25B 1 /- 2024203994	E21B 47 /- 2025200195 2025200199	F21V 8 /- 2024278588	G06K 19 /- 2025200225
C07D 401 /- 2025200139	C12N 5 /- 2024264658 2024278248 2024287075 2025200025 2025200057 2025200075 2025200160 2025200209	C25B 3 /- 2023204588	E21D 15 /- 2025200207	F25C 1 /- 2025200098	G06N 10 /- 2025200176
C07D 403 /- 2025200189	C12N 9 /- 2024264658 2024266710 2025200254	C25D 11 /- 2024204734	E21D 21 /- 2024278469	F25D 23 /- 2025200280	G06N 20 /- 2024204804 2024204805 2024204824 2024204836
C07D 471 /- 2025200139	C12P 13 /- 2025200185	D06F 37 /- 2024287119	F01N 13 /- 2024204852	F26B 3 /- 2023446723	G06N 3 /- 2023278000 2024203033 2024203394 2025200176
C07D 487 /- 2025200139	C12P 19 /- 2025200092	D06F 39 /- 2024287119	F01N 3 /- 2024204852	G01B 11 /- 2025200151	G06Q 10 /- 2024204124 2024204660 2024204805 2024204824 2025200190 2025200233
C07D 491 /- 2025200139	C12Q 1 /- 2024287211 2025200025 2025200079 2025200120 2025200140 2025200204	D06F 58 /- 2024287119	F02D 11 /- 2024204835	G01C 21 /- 2024204824	G06Q 20 /- 2023204679
C07D 519 /- 2025200139		E01B 19 /- 2025200215	F02D 41 /- 2024204073	G01F 23 /- 2024204803	G06Q 30 /- 2024204804 2024204805
C07H 3 /- 2025200256		E01C 19 /- 2024204073	F02D 9 /- 2024204835	G01M 1 /- 2025200151	G06Q 40 /- 2024204660
C07K 14 /- 2024264658 2024278248 2024278538 2024278600 2024287198 2025200025 2025200028 2025200075 2025200090 2025200160 2025200206 2025200277		E02F 9 /- 2025200143	F02M 35 /- 2024204835	G01N 1 /- 2025200255	G06Q 50 /- 2025200225
		E04B 5 /- 2024204817	F02M 69 /- 2024204835	G01N 21 /- 2023278000	
			F03G 3 /- 2024204811	G01N 30 /- 2025200178	
			F03G 7 /- 2024204811	G01N 33 /- 2024278436 2025200025 2025200130 2025200159	
			F15B 1 /- 2025200246	G01N 37 /- 2024278436	
			F16B 25 /- 2024204655	G01S 17 /- 2025200151	
			F16B 33 /- 2024204655	G01S 5 /- 2025200145	

Applications Open to Public Inspection - IPC Index cont'd

<u>G06T 7 /-</u> 2023278000 2024204836 2025200210	<u>H02K 7 /-</u> 2024287119
<u>G06V 10 /-</u> 2023278000 2025200161 2025200210	<u>H04L 12 /-</u> 2024204563 2024204787
<u>G06V 20 /-</u> 2023278000 2025200161	<u>H04L 41 /-</u> 2024204660
<u>G07C 9 /-</u> 2024204787	<u>H04L 5 /-</u> 2025200203
<u>G07D 9 /-</u> 2025200183	<u>H04L 51 /-</u> 2024203394
<u>G07F 17 /-</u> 2025200183	<u>H04L 9 /-</u> 2024204787 2025200196
<u>G08B 25 /-</u> 2025200248	<u>H04M 1 /-</u> 2024204787
<u>G08G 5 /-</u> 2025200210	<u>H04M 11 /-</u> 2024204787
<u>G10L 15 /-</u> 2024204796	<u>H04N 1 /-</u> 2023305024
<u>G10L 17 /-</u> 2024204796	<u>H04N 21 /-</u> 2025200197 2025200233
<u>G16H 10 /-</u> 2025200196	<u>H04N 7 /-</u> 2023305024
<u>H01G 9 /-</u> 2025200138	<u>H04Q 1 /-</u> 2025200158
<u>H01M 4 /-</u> 2023446732 2024202671	<u>H04W 12 /-</u> 2024204787 2025200196
<u>H01M 8 /-</u> 2024204427	<u>H04W 4 /-</u> 2025200145
<u>H01Q 1 /-</u> 2025200158	<u>H04W 88 /-</u> 2024204563
<u>H01Q 9 /-</u> 2025200158	<u>H05B 45 /-</u> 2023241341
<u>H01R 31 /-</u> 2023241341	<u>H10F 71 /-</u> 2024200024
<u>H01R 4 /-</u> 2024203495	<u>H10F 77 /-</u> 2024200024 2025200138
<u>H02J 1 /-</u> 2024203994	<u>No IPC Mark</u>
<u>H02J 3 /-</u> 2024203994	
<u>H02J 5 /-</u> 2024203994	
<u>H02K 1 /-</u> 2024287119	

PCT applications which have entered the National Phase

Name Index

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

(71) 1INCH LIMITED; BUKOV, A.; KUNZ, S.
 (11) AU-A-2024207987
 (21) 2024207987 (22) 09.01.2024
 (54) GASLESS DECENTRALIZED TOKEN SWAPS
 (51) Int. Cl.
 G06Q 20/06 (2012.01)
 G06Q 20/02 (2012.01)
 G06Q 20/38 (2012.01)
 G06Q 20/40 (2012.01)
 G06Q 30/08 (2012.01)
 G06Q 40/04 (2012.01)
 (87) WO2024/150143
 (31) 63/479,112 (32) 09.01.23 (33) US
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 G06Q 20/06 (2012.01)
 G06Q 20/22 (2012.01)
 G06Q 20/36 (2012.01)
 G06Q 20/38 (2012.01)
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 H01M 10/04 (2006.01)
 H01M 50/531 (2021.01)
 H01M 50/538 (2021.01)
 H02J 7/00 (2006.01)
 H02J 7/34 (2006.01)
 H02J 7/35 (2006.01)
 H01M 10/0525 (2010.01)
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 (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

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 (54) ANALYTE SENSORS WITH REDUCED INTERFERENT SIGNAL AND METHODS
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 (74) FPA Patent Attorneys Pty Ltd

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 G16B 40/20 (2019.01)
 G16H 50/20 (2018.01)
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 (74) FPA Patent Attorneys Pty Ltd

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 C07K 16/28 (2006.01)
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 (74) Griffith Hack

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 (54) MODULATORS OF G PROTEIN-COUPLED RECEPTOR 88
 (51) Int. Cl.
 C07D 213/56 (2006.01)
 A61K 31/165 (2006.01)
 A61P 25/00 (2006.01)
 C07D 213/65 (2006.01)
 C07D 233/16 (2006.01)
 C07D 305/08 (2006.01)
 C07D 333/24 (2006.01)
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 (31) 2209193.8 (32) 22.06.22 (33) GB
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 (72) QUIBELL, Martin; SCHULZ-UTERMUEHL, Tim; MURRAY, Fraser
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 (54) MODULATORS OF G PROTEIN-COUPLED RECEPTOR 88
 (51) Int. Cl.
 C07C 233/11 (2006.01)
 A61K 31/165 (2006.01)
 A61P 25/00 (2006.01)
 C07D 213/56 (2006.01)
 C07D 231/12 (2006.01)
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 C04B 35/10 (2006.01)
 B28B 1/14 (2006.01)
 C04B 35/622 (2006.01)
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 C30B 29/20 (2006.01)
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(54) METHOD AND CORRESPONDING
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B65H 29/00 (2006.01)
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(72) COLECCHIA, Enrico; MARTINOTTI,
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(74) James & Wells Intellectual Property

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(54) HIGH VOLTAGE JUNCTION BOX FOR
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H01M 10/42 (2006.01)
B60K 1/04 (2019.01)
B64U 50/19 (2023.01)
H01M 10/48 (2006.01)
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F17C 1/00 (2006.01)
F15B 1/26 (2006.01)
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A61K 39/04 (2006.01)
C07K 14/195 (2006.01)
C12N 15/62 (2006.01)
A61K 9/127 (2006.01)

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Laura; ARCIERO, Brigid; SPOO-
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HSU, Alexander; TABANDEH, Sara;
KEARNEY, Frederick Richard
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(54) METHOD OF REMOVING CALCIUM
CITRATE FROM A LIQUID DAIRY
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A23C 1/00 (2006.01)
A23C 1/12 (2006.01)
A23C 9/142 (2006.01)
C07H 1/08 (2006.01)
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Niels Christian
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(54) PHOTORECEPTOR RESCUE CELL
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C12N 5/0793 (2010.01)
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LUO, Chenmei; PODOLSKIY, Dmitriy
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AULT, Kraig Marc; JO, Rebecca Eunky-
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(74) Zone Patents Limited

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SHANGHAI DIANBA NEW ENERGY
TECHNOLOGY CO., LTD.
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MOUNTING BATTERY PACK AND
ELECTRIC VEHICLE
(51) Int. Cl.

B60K 1/04 (2019.01)
B60L 53/80 (2019.01)

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(72) ZHANG, Jianping; WANG, Kaifeng;
ZHU, Ming
(74) Madderns Pty Ltd

(71) AUTONOMOUS THERAPEUTICS,
INC.

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(54) ENCRYPTED RNA AND METHODS
OF ITS USE
(51) Int. Cl.
C12N 15/85 (2006.01)

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drii; SHEMETOV, Anton; BOSE, Say-
antan; MATLASHOV, Mikhail; BRAZH-
NIK, Kristina; WEINBERGER, Ariel;
YOUNG, Won-Bin; ORTEGA RODRIG-
UEZ, Janice
(74) PHILLIPS ORMONDE FITZPATRICK

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(11) AU-A-2023315785
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(54) DEVICE AND METHOD TO TREAT
CHRONIC LOWER BACK PAIN VIA
SINUVERTEBRAL NERVE ABLATION
(51) Int. Cl.
A61B 18/08 (2006.01)
A61B 18/00 (2006.01)
A61B 18/12 (2006.01)
A61B 18/14 (2006.01)
A61N 1/04 (2006.01)

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BURNES, Lee C.
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A61K 38/08 (2019.01)
A61K 9/00 (2006.01)
A61K 38/04 (2006.01)
A61P 17/00 (2006.01)
A61P 35/00 (2006.01)

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PLIATSIKA, Dimanthi; RIEDL, Rainer
(74) Kings Patent & Trade Marks Attorneys
Pty Ltd

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(21) 2023306232 (22) 14.07.2023
(54) AIRCRAFT PROPULSION UTILIZING A SAFETY CRITICAL ENERGY MANAGEMENT SYSTEM
(51) Int. Cl.
B64F 5/60 (2017.01)
B60W 10/08 (2006.01)
B60W 10/24 (2006.01)
G07C 5/08 (2006.01)
H02J 1/10 (2006.01)
H02J 13/00 (2006.01)
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(54) MOBILE GUN SYSTEM
(51) Int. Cl.
F41A 23/34 (2006.01)
F41A 25/02 (2006.01)
F41H 7/00 (2006.01)
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(51) Int. Cl.
H04Q 9/00 (2006.01)
G05B 9/03 (2006.01)
G06F 11/16 (2006.01)
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H04L 67/12 (2022.01)
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(11) AU-A-2023301217
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(54) CROSS-OVER TOOL, METHOD, AND SYSTEM
(51) Int. Cl.
E21B 43/04 (2006.01)
E21B 23/06 (2006.01)
E21B 33/122 (2006.01)
(87) WO2024/006349
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(72) PROVOST, Wilfred
(74) Patent Attorney Services
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(54) GENE THERAPY OF HIPPO SIGNALING IMPROVES HEART FUNCTION IN A CLINICALLY RELEVANT MODEL
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C12N 15/113 (2010.01)
A61K 31/7088 (2006.01)
A61P 9/04 (2006.01)
A61P 9/10 (2006.01)
A61K 31/713 (2006.01)
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A61P 17/00 (2006.01)
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A47L 11/28 (2006.01)
A47L 11/40 (2006.01)
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C07D 401/12 (2006.01)
A61K 31/4427 (2006.01)
A61P 37/00 (2006.01)
C07D 401/14 (2006.01)
C07D 405/14 (2006.01)
C07D 417/14 (2006.01)
C07D 491/04 (2006.01)
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C07F 9/53 (2006.01)
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C07D 401/04 (2006.01)
A61K 31/407 (2006.01)
A61P 25/00 (2006.01)
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C12N 5/0735 (2010.01)
C12Q 1/02 (2006.01)
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A61M 1/00 (2006.01)
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C01B 3/22 (2006.01)
C07C 1/12 (2006.01)
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G01S 19/36 (2010.01)
H01Q 5/00 (2015.01)
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A01P 1/00 (2006.01)
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B63H 16/08 (2006.01)
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C07K 14/47 (2006.01)
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(51) Int. Cl.
A61K 31/15 (2006.01)
A61K 31/519 (2006.01)
A61K 31/54 (2006.01)
C07C 251/48 (2006.01)
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LTD.; COFCO NUTRITION & HEALTH
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H04B 7/08 (2006.01)
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G06F 40/30 (2020.01)
A61B 5/16 (2006.01)
A61B 5/00 (2006.01)
G06F 40/216 (2020.01)
G06F 40/284 (2020.01)
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Patrick; RYSLIK, Gregory A.
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MODEL
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G06F 40/30 (2020.01)
A61B 5/16 (2006.01)
G06F 40/216 (2020.01)
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A61P 35/00 (2006.01)
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(54) LIGHT WEIGHT SUBSTRATE WITH GLASS BUBBLE SKELETON HAVING MIXED POROSITY FOR CARBON CAPTURE AND METHOD OF MAKING
(51) Int. Cl.
C03C 11/00 (2006.01)
B01D 39/20 (2006.01)
B01D 46/24 (2006.01)
C03B 19/08 (2006.01)
C03C 10/00 (2006.01)
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C05G 3/80 (2020.01)
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A61M 25/01 (2006.01)
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(54) SYSTEM AND METHOD FOR GUIDING OPERATIONS ON A WORKPIECE
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G06F 3/048 (2013.01)
G06Q 10/0631 (2023.01)
G06Q 10/0633 (2023.01)
G06Q 10/20 (2023.01)
G09B 19/24 (2006.01)
H04L 67/12 (2022.01)
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G05B 23/02 (2006.01)
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C22B 7/00 (2006.01)
B01D 11/02 (2006.01)
C01F 17/00 (2020.01)
C01G 1/00 (2006.01)
C01G 49/00 (2006.01)
C22B 1/00 (2006.01)
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(51) Int. Cl.
A61K 31/4245 (2006.01)
A61K 9/00 (2006.01)
A61K 31/4402 (2006.01)
A61K 45/00 (2006.01)
A61P 9/00 (2006.01)
A61P 9/04 (2006.01)
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C07D 471/04 (2006.01)
A61K 31/437 (2006.01)
A61K 31/506 (2006.01)
A61P 35/00 (2006.01)
C07D 401/12 (2006.01)
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A61P 35/00 (2006.01)
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C01B 3/36 (2006.01)
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C01B 3/50 (2006.01)
C01B 32/40 (2017.01)
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C09B 1/44 (2006.01)
B01J 23/00 (2006.01)
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E04C 2/284 (2006.01)
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H01M 4/04 (2006.01)
G01N 24/08 (2006.01)
G01N 27/42 (2006.01)
G01R 33/46 (2006.01)
H01M 4/1393 (2010.01)
H01M 10/052 (2010.01)
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A61B 17/24 (2006.01)
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A61B 90/00 (2016.01)
A61F 5/08 (2006.01)
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C12Q 1/6841 (2018.01)
C12N 9/22 (2006.01)
C12Q 1/6844 (2018.01)
C12Q 1/6869 (2018.01)
C12N 15/11 (2006.01)
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A61Q 17/04 (2006.01)
A61K 8/18 (2006.01)
A61K 8/19 (2006.01)
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(54) NOVEL COMPOUNDS AS GCN2 INHIBITORS, PHARMACEUTICAL COMPOSITIONS AND USES THEREOF
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C07D 403/14 (2006.01)
A61K 31/506 (2006.01)
A61K 31/513 (2006.01)
A61P 25/28 (2006.01)
A61P 35/00 (2006.01)
C07D 401/14 (2006.01)
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FOR CONSTRUCTING A REVOLVING
DOOR
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E06B 3/90 (2006.01)
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ROHM AND HAAS COMPANY
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(54) CLEANING BOOSTER
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C11D 3/37 (2006.01)
C07D 295/15 (2006.01)
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ROHM AND HAAS COMPANY
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C07D 295/15 (2006.01)
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Eric
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ROHM AND HAAS COMPANY
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(54) LAUNDRY DETERGENT FORMULA-
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C11D 11/00 (2006.01)
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(51) Int. Cl.
C12N 9/04 (2006.01)
C12N 9/06 (2006.01)
C12N 9/10 (2006.01)
C12N 9/88 (2006.01)
C12P 13/04 (2006.01)
C12R 1/19 (2006.01)
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ANTI-N3pGlu A β ANTIBODIES AND
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A61K 39/00 (2006.01)
A61K 39/395 (2006.01)
C07K 16/18 (2006.01)
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A61B 34/20 (2016.01)
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A61B 90/00 (2016.01)
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(54) NOVEL METHOD OF PRODUCING AN
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A01G 33/00 (2006.01)
C12M 1/00 (2006.01)
C12N 1/12 (2006.01)
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COMPOSITIONS AND METHODS
THEREOF
(51) Int. Cl.
C07D 231/38 (2006.01)
A61K 31/4155 (2006.01)
A61K 31/4355 (2006.01)
A61K 31/436 (2006.01)
C07D 403/12 (2006.01)
A61P 35/00 (2006.01)
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A61P 35/00 (2006.01)
A61K 39/00 (2006.01)
C07K 16/28 (2006.01)

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A01M 29/24 (2011.01)
A01M 29/18 (2011.01)
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C07D 413/10 (2006.01)
A01N 43/84 (2006.01)
A01P 13/00 (2006.01)
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E21B 33/06 (2006.01)
E21B 34/02 (2006.01)
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E21B 41/00 (2006.01)
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(54) ACTUATOR, RECEPTACLE, AND ACTUATOR ASSEMBLY THEREFOR
(51) Int. Cl.
E21B 33/035 (2006.01)
E21B 33/038 (2006.01)
E21B 33/06 (2006.01)
E21B 34/02 (2006.01)
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F16K 31/04 (2006.01)
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E21B 33/14 (2006.01)

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(54) VEHICLE ASSET BENCHMARKING SYSTEM
(51) Int. Cl.
G07C 5/08 (2006.01)
G06Q 10/20 (2023.01)
G06Q 30/02 (2023.01)
G07C 5/00 (2006.01)
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(72) FOWLER, Owen John Alfie
(74) Patenteur Pty Ltd

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(54) DEVICE AND METHOD FOR GENERATING META SPACE-TIME ACCESS GATE INCLUDING LOCATION INFORMATION VALUE REQUIRED BY USER, AND META SPACE-TIME ACCESS GATE CONNECTION DEVICE
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G06F 16/909 (2019.01)
G06F 16/29 (2019.01)
G06F 16/955 (2019.01)
H04L 67/52 (2022.01)
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(72) NOH, Chan Min
(74) Kings Patent & Trade Marks Attorneys Pty Ltd

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C12N 15/113 (2010.01)
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(51) Int. Cl.
A61K 38/17 (2006.01)
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A01J 5/04 (2006.01)
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(54) NOVEL SULFONAMIDES AND THEIR USE AS NEUROPROTECTIVE AND/OR NEURORESTORATIVE AGENTS
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C07D 241/04 (2006.01)
A61K 31/03 (2006.01)
A61P 25/28 (2006.01)
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C07D 295/10 (2006.01)
A61K 31/495 (2006.01)
A61K 31/496 (2006.01)
A61P 25/00 (2006.01)
A61P 25/04 (2006.01)
A61P 25/16 (2006.01)
A61P 25/28 (2006.01)
A61P 35/00 (2006.01)
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(54) ANTI-TROP2 ANTIBODY AND CONJUGATE THEREOF
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A61K 47/68 (2017.01)
A61K 47/65 (2017.01)
A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
C07K 16/30 (2006.01)
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(54) SYSTEMS AND METHODS FOR AIRBORNE RECOVERY AND LAUNCH OF AERIAL VEHICLES
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B64D 3/00 (2006.01)
B64D 1/02 (2006.01)
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B64U 70/20 (2023.01)
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(54) METHOD FOR ADDITIVE MANUFACTURING
(51) Int. Cl.
B29D 12/02 (2006.01)
B29C 64/124 (2017.01)
B29C 64/40 (2017.01)
B33Y 80/00 (2015.01)
B29L 12/00 (2006.01)
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(51) Int. Cl.
G06F 12/0873 (2016.01)
G06F 3/06 (2006.01)
G06F 9/455 (2018.01)
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(54) COVER ASSEMBLY FOR TRUCK BED
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B60J 7/04 (2006.01)
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B60J 7/04 (2006.01)
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B60J 7/04 (2006.01)
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 (54) A GAME AND A GAMING DEVICE
 (51) Int. Cl.
A63H 33/18 (2006.01)
A63B 67/10 (2006.01)
A63F 9/02 (2006.01)
F41B 3/00 (2006.01)
F41B 3/02 (2006.01)
F41J 3/00 (2006.01)
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 (72) WRIGHT, Chester; RANKIN, James
 (74) LAMINAR IP PTY LTD

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 (21) 2023292205 (22) 15.06.2023
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E02D 27/12 (2006.01)
E02D 27/14 (2006.01)
E02D 27/32 (2006.01)
E02D 27/50 (2006.01)
E04B 1/19 (2006.01)
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 (72) REUSING, Julian L.; BUZZELL, James
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G06N 10/20 (2022.01)
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 (72) SCHUSTER, Thomas Steven; MOHSENI, Masoud; NIU, Yuezhen
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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 (21) 2023287079 (22) 21.06.2023
 (54) FUSION PROTEIN CONTAINING IMPROVED GLP-1 RECEPTOR AGONIST AND USES
 (51) Int. Cl.
C07K 19/00 (2006.01)
A61K 38/16 (2006.01)
A61K 45/06 (2006.01)
C07K 14/00 (2006.01)
C07K 14/605 (2006.01)
 (87) WO2023/246928
 (31) 202210720621.1 (32) 23.06.22 (33) CN
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 (43) 28.12.2023
 (72) WANG, Qinghua
 (74) Griffith Hack

(71) HAMEUR
 (11) AU-A-2023332144
 (21) 2023332144 (22) 31.08.2023
 (54) DEVICE FOR SLICING AND RECONSTITUTING FOODSTUFFS, AND ACCESSORY FOR PRODUCING SUCH A DEVICE
 (51) Int. Cl.
A47J 43/046 (2006.01)
A47J 43/07 (2006.01)
 (87) WO2024/047170
 (31) FR2208726 (32) 31.08.22 (33) FR
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 (72) FEVRE, Loïck; DUMAS, Pierre
 (74) Michael Buck IP

(71) HATTAB GLOBAL CORP.
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 (21) 2023308183 (22) 12.07.2023
 (54) CONNECTABLE BEVERAGE BOTTLE
 (51) Int. Cl.
B65D 21/02 (2006.01)
B65D 1/02 (2006.01)
B65D 21/00 (2006.01)
B65B 27/04 (2006.01)
 (87) WO2024/015448
 (31) 18/220,794 (32) 11.07.23 (33) US
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 (72) HATTAB, Alaa, Mohamed
 (74) Eagar & Associates Pty Ltd

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 (54) THREE-PIECE MOLD DEVICE, SYSTEM, AND METHOD FOR MANUFACTURING OF CONNECTABLE BEVERAGE BOTTLE
 (51) Int. Cl.
B29C 49/48 (2006.01)
B29C 49/70 (2006.01)
B65D 1/02 (2006.01)
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 (72) HATTAB, Alaa, Mohamed
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 (21) 2023303026 (22) 06.07.2023
 (54) DIRECT AIR CAPTURE CONTACTOR FOR CARBON UPTAKE, AND METHODS OF OPERATING THE SAME
 (51) Int. Cl.
B01D 1/00 (2006.01)
B01D 3/00 (2006.01)
B01D 3/32 (2006.01)
B01D 53/18 (2006.01)
B01D 53/62 (2006.01)
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B01J 19/30 (2006.01)
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 (87) WO2024/011170
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 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.
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 (21) 2022468992 (22) 15.07.2022
 (54) DIGITAL SIGNATURE
 (51) Int. Cl.
G06F 21/64 (2013.01)
H04L 9/32 (2006.01)
H04L 9/40 (2022.01)
 (87) WO2024/015076
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 (72) PANSHIN, Stephen D; EVEREST, Paul S.; HARMON, Michael
 (74) FB Rice Pty Ltd

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(21) 2022469159 (22) 15.07.2022
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(51) Int. Cl.

G06F 21/64 (2013.01)
H04L 9/32 (2006.01)
H04L 9/40 (2022.01)

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(72) PANSHIN, Stephen D; HARMON, Michael; EVEREST, Paul S.
(74) FB Rice Pty Ltd

(71) HIKMA PHARMACEUTICALS USA INC.

(11) AU-A-2023288088
(21) 2023288088 (22) 23.06.2023
(54) OXYTOCIN FORMULATION
(51) Int. Cl.

A61K 9/00 (2006.01)
A61K 9/08 (2006.01)
A61K 47/10 (2017.01)

(87) WO2023/247760
(31) 63/355,195 (32) 24.06.22 (33) US
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(43) 28.12.2023
(72) JASPRICA, Ivona; LAGEDROSTE, Marcel
(74) WRAYS PTY LTD

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(11) AU-A-2023304691
(21) 2023304691 (22) 06.07.2023
(54) INJECTABLE PHENYLEPHRINE COMPOSITIONS
(51) Int. Cl.

A61K 9/00 (2006.01)
A61J 1/10 (2006.01)
A61K 9/08 (2006.01)
A61K 31/137 (2006.01)
A61K 47/02 (2006.01)
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(72) SIMAC, Matija
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(54) METHOD FOR THE SEGMENTATION OF SEISMIC DATA OF A SUBSURFACE LOCATION
(51) Int. Cl.

G01V 1/28 (2006.01)
G01V 1/30 (2006.01)
G01V 1/34 (2006.01)
G06N 20/00 (2019.01)
G06T 7/10 (2017.01)

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(54) REFRIGERATOR AND WATER SUPPLY CONTROL METHOD THEREFOR
(51) Int. Cl.

F25C 1/00 (2006.01)
F25D 29/00 (2006.01)

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(72) YAN, Haibing; LONG, Xiaofen; SONG, Zhihong
(74) Davies Collison Cave Pty Ltd

(71) HITCH A DEAL PTY LTD

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(21) 2023296251 (22) 13.06.2023
(54) COLLAPSIBLE BARBECUE
(51) Int. Cl.

A47J 37/07 (2006.01)
F23B 20/00 (2006.01)
F24B 1/20 (2006.01)

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(72) VAN DER WESTHUIZEN, Gert Johannes
(74) Patenteur Pty Ltd

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(51) Int. Cl.

F17C 5/02 (2006.01)

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(72) FELBAB, Nikola
(74) Davies Collison Cave Pty Ltd

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(21) 2023305605 (22) 12.07.2023
(54) SOLID FORMS OF A TRIAZINE DERIVATIVE AS CBL-B MODULATOR
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A61P 35/00 (2006.01)
A61K 31/437 (2006.01)
C07D 471/04 (2006.01)

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(72) LAWSON, Jon P.; CARSON, Ken; BI, Yingzhi
(74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

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(51) Int. Cl.

B42D 25/324 (2014.01)
B42D 25/328 (2014.01)
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B42D 25/45 (2014.01)

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(74) FB Rice Pty Ltd

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A47J 37/06 (2006.01)

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(72) LISIECKI, Elizabeth; FU, Zhenjun; HE, Helen
(74) Griffith Hack

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(21) 2023338886 (22) 29.08.2023
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A47J 37/06 (2006.01)
A23L 5/10 (2016.01)
B65D 25/04 (2006.01)
A21B 1/26 (2006.01)

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(74) Griffith Hack
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(54) ACOUSTIC INSPECTION METHOD AND APPARATUS THEREFOR
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G01N 29/04 (2006.01)
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(72) SMEETON, Sam
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
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G01N 33/573 (2006.01)
C12Q 1/26 (2006.01)
C12Q 1/32 (2006.01)
G01N 21/31 (2006.01)
G01N 33/52 (2006.01)
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(51) Int. Cl.
C12N 5/0783 (2010.01)
A61K 35/17 (2015.01)
A61K 39/00 (2006.01)
A61P 35/00 (2006.01)
C07K 14/74 (2006.01)
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A61K 39/00 (2006.01)
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A61K 38/26 (2006.01)
A61K 31/13 (2006.01)
A61K 47/54 (2017.01)
A61P 1/16 (2006.01)
A61P 3/04 (2006.01)
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C08L 71/03 (2006.01)
C23F 11/12 (2006.01)
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(54) SAFETY SYSTEM
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G08B 21/02 (2006.01)
G01S 13/931 (2020.01)
G08G 1/16 (2006.01)
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A62C 35/02 (2006.01)
A62C 5/02 (2006.01)
A62C 5/027 (2006.01)
A62C 35/11 (2006.01)
A62C 35/13 (2006.01)
A62C 35/15 (2006.01)
(87) WO2024/018318
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(72) INTEGRATED FIRE SYSTEMS (PTY) LIMITED; SWANEOEL, Stefan
(74) MEYER WEST IP
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C12N 15/113 (2010.01)
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(74) Davies Collison Cave Pty Ltd
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- (71) INTERDIGITAL PATENT HOLDINGS, INC.
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(54) METHODS FOR MANAGING MEASUREMENT CONFIGURATIONS WITH L1/L2 BASED MOBILITY
(51) Int. Cl.
H04W 36/00 (2009.01)
H04W 36/08 (2009.01)
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(72) MARTIN, Brian; TEYEB, Oumer; FREDA, Martino; MARINIER, Paul
(74) FB Rice Pty Ltd
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- (71) INTRINSYX BIO INC.; UNIVERSITY OF WASHINGTON
(11) AU-A-2023308936
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(54) COMPOSITIONS INCLUDING ENDOPHYTES FOR IMPROVING PLANT NUTRITION, GROWTH, AND PERFORMANCE AND METHODS OF USING THE SAME
(51) Int. Cl.
A01N 63/20 (2020.01)
A01G 18/10 (2018.01)
A01N 25/00 (2006.01)
A01N 25/12 (2006.01)

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(71) INVENTIO AG (11) AU-A-2023309742 (21) 2023309742 (22) 13.07.2023 (54) METHOD FOR CONTROLLING AN ELEVATOR (51) Int. Cl. B66B 1/24 (2006.01) (87) WO2024/017746 (31) 22185609.9 (32) 19.07.22 (33) EP (43) 25.01.2024 (72) ISCHIA, Nicola; CABRINI, Vincent; CROS, Thomas (74) Griffith Hack	(71) INXMED (NANJING) CO., LTD. (11) AU-A-2023327858 (21) 2023327858 (22) 22.08.2023 (54) PHARMACEUTICAL COMBINATION OF FAK INHIBITOR AND MICROTUBULE INHIBITOR AND USE THEREOF (51) Int. Cl. A61K 31/495 (2006.01) A61K 31/40 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) (87) WO2024/041527 (31) 202211018821.9 (32) 24.08.22 (33) CN 202211165722.3 23.09.22 CN 202310940775.6 28.07.23 CN (43) 29.02.2024 (72) ZHANG, Baoyuan; LIU, Xuebin; GAO, Jiaming; ZHANG, Ping; PANG, Ran; WANG, Zaiqi (74) WRAYS PTY LTD	(71) JASPER THERAPEUTICS, INC. (11) AU-A-2023325077 (21) 2023325077 (22) 15.08.2023 (54) TRANSGENIC ANIMALS EXPRESSING CHIMERIC C-KIT PROTEIN (51) Int. Cl. C12N 15/62 (2006.01) C12N 5/10 (2006.01) C12N 15/90 (2006.01) A01K 67/027 (2024.01) C12N 15/09 (2006.01) (87) WO2024/040081 (31) 63/371,489 (32) 15.08.22 (33) US (43) 22.02.2024 (72) PANG, Wendy (74) Davies Collison Cave Pty Ltd
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A61B 90/00 (2016.01)
G16H 30/40 (2018.01)
(87) WO2024/019994
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(51) Int. Cl.
C07K 19/00 (2006.01)
A61K 39/00 (2006.01)
A61P 31/12 (2006.01)
A61P 35/00 (2006.01)
A61P 37/00 (2006.01)
C12N 9/16 (2006.01)
C12N 15/55 (2006.01)
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(51) Int. Cl.
G01N 22/00 (2006.01)
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G01S 13/89 (2006.01)
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E02F 9/20 (2006.01)
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B65D 47/08 (2006.01)
B65D 75/58 (2006.01)
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(51) Int. Cl.
A21C 15/00 (2006.01)
A21C 9/08 (2006.01)
B65G 15/30 (2006.01)
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(87) WO2024/020487
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(72) LAWRENCE, Eric Clay
(74) Spruson & Ferguson
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(11) AU-A-2023302871
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(54) SENSOR SYNCHRONISATION SUITED FOR A LEAK DETECTION SYSTEM
(51) Int. Cl.
G01M 3/24 (2006.01)
H04Q 9/04 (2006.01)
(87) WO2024/007052
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(72) BUCKERIDGE, Carl; PLATT, Rodney
(74) DAVIS IP PTY LTD
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(51) Int. Cl.
A61K 36/064 (2006.01)
A23K 10/16 (2016.01)
A23K 20/163 (2016.01)
A23K 50/30 (2016.01)
A61P 31/04 (2006.01)
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(72) SCHULTHESS, Julie; KUHN, Géraldine
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
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G03G 15/08 (2006.01)
G03G 15/00 (2006.01)
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F25D 23/02 (2006.01)
E05F 1/12 (2006.01)
E05F 3/20 (2006.01)
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G16H 20/40 (2018.01)
A61M 39/10 (2006.01)
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A61P 3/06 (2006.01)
C12N 9/48 (2006.01)
A61K 38/00 (2006.01)
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B01J 20/20 (2006.01)
B01J 20/28 (2006.01)
B01J 20/30 (2006.01)
C01B 32/05 (2017.01)
C10B 41/00 (2006.01)
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B82Y 30/00 (2011.01)
B82Y 40/00 (2011.01)
C05F 11/00 (2006.01)
C05F 11/02 (2006.01)
H01G 11/36 (2013.01)
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A61K 9/51 (2006.01)
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A61P 25/02 (2006.01)
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B32B 3/08 (2006.01)
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B32B 5/26 (2006.01)
B32B 5/30 (2006.01)
B32B 7/05 (2019.01)
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B32B 7/09 (2019.01)
B32B 27/12 (2006.01)
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C07D 207/30 (2006.01)
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C25B 1/34 (2006.01)
B01D 61/42 (2006.01)
C25B 1/04 (2021.01)

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(51) Int. Cl.
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(54) SURGICAL INSTRUMENT ASSEMBLY FOR BONE RESECTION
(51) Int. Cl.
A61B 17/15 (2006.01)
A61B 17/17 (2006.01)
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(54) ONLINE ROTOR THRUST ADJUSTMENT SYSTEM
(51) Int. Cl.
F01D 3/04 (2006.01)
F02C 6/08 (2006.01)
F02C 9/18 (2006.01)
F04D 29/041 (2006.01)
(87) WO2024/002517
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(74) Patent Attorney Services
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(51) Int. Cl.
B60K 1/02 (2006.01)
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(51) Int. Cl.
F25J 1/00 (2006.01)
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(74) Patent Attorney Services
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(21) 2023297111 **(22)** 22.06.2023
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(51) Int. Cl.
A61B 5/145 (2006.01)
A61B 5/00 (2006.01)
A61B 5/01 (2006.01)
A61B 5/1473 (2006.01)
A61B 5/15 (2006.01)
A61M 37/00 (2006.01)
A61N 1/04 (2006.01)
A61N 1/05 (2006.01)
A61N 1/36 (2006.01)
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(74) Churchill Attorneys
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(54) NEEDLE-BASED APPARATUS HAVING POWER MANAGEMENT FUNCTION
(51) Int. Cl.
A61B 5/145 (2006.01)
A61B 5/00 (2006.01)
A61B 5/1473 (2006.01)
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A61M 37/00 (2006.01)
A61N 1/04 (2006.01)
A61N 1/05 (2006.01)
A61N 1/36 (2006.01)
(87) WO2024/000015
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(51) Int. Cl.
A61M 37/00 (2006.01)
A61B 5/00 (2006.01)
A61B 5/145 (2006.01)
A61B 5/15 (2006.01)
A61B 5/256 (2021.01)
A61M 5/142 (2006.01)
A61M 5/158 (2006.01)
A61N 1/04 (2006.01)
A61N 1/05 (2006.01)
A61N 1/36 (2006.01)
(87) WO2024/000011
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(43) 04.01.2024
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(74) Churchill Attorneys
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(54) A MULTIPLEXING SENSOR APPARATUS AND METHODS OF PRODUCTION THEREOF
(51) Int. Cl.
A61B 5/145 (2006.01)
A61B 5/00 (2006.01)
A61B 5/1468 (2006.01)
A61B 5/15 (2006.01)
A61B 5/256 (2021.01)
A61M 37/00 (2006.01)
A61N 1/05 (2006.01)
A61N 1/36 (2006.01)
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A61B 5/1468 (2006.01)
A61B 5/15 (2006.01)
A61B 5/151 (2006.01)
A61B 5/256 (2021.01)
A61B 5/388 (2021.01)
A61M 5/142 (2006.01)
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A61M 37/00 (2006.01)
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(21) 2023295205 (22) 12.06.2023
(54) AN AUTONOMOUS MOBILE ROBOT/DRONE TO DELIVER, HOLD, PROTECT, AND RETURN PARCELS FOR MULTI-USERS IN RESIDENTIAL/COMMERCIAL APPLICATIONS
(51) Int. Cl.
G06Q 10/08 (2024.01)
B64F 1/32 (2006.01)
B65G 15/00 (2006.01)
B66B 1/24 (2006.01)
B66B 17/20 (2006.01)
A47G 29/14 (2006.01)
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(51) Int. Cl.
A61B 42/40 (2016.01)
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B32B 27/10 (2006.01)
B32B 27/20 (2006.01)
B32B 29/00 (2006.01)
B65D 65/40 (2006.01)
D21H 19/36 (2006.01)
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(21) 2023324854 (22) 18.08.2023
(54) ESTROGEN RECEPTOR MODULATORS AND USES THEREOF
(51) Int. Cl.
C07D 471/04 (2006.01)
A61K 31/437 (2006.01)
A61P 5/30 (2006.01)
A61P 35/00 (2006.01)
A61P 43/00 (2006.01)
(87) WO2024/039858
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(74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd
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(21) 2023324856 (22) 18.08.2023
(54) 2,3,4,9-TETRAHYDRO-1H-PYRIDO[3,4-B]INDOLE DERIVATIVES AS ESTROGEN RECEPTOR MODULATORS FOR THE TREATMENT OF CANCER
(51) Int. Cl.
C07D 471/04 (2006.01)
A61K 31/437 (2006.01)
A61P 35/00 (2006.01)
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A61K 31/437 (2006.01)
A61P 35/00 (2006.01)
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A61F 5/44 (2006.01)
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C07K 14/245 (2006.01)
A61K 38/16 (2006.01)
C07K 14/26 (2006.01)
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(54) BATTERY PACK ENCLOSURES FOR MODULAR AND SCALABLE BATTERY PACKS	63/388,618	12.07.22	US	(54) LOW-COST 800-MPA-GRADE ANTIMONY-CONTAINING WEATHER-ING-RESISTANT STEEL FOR PHOTO-VOLTAIC SUPPORT, AND PREPARATION METHOD THEREFOR
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B60H 1/32 (2006.01)				
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(21) 2023331977 (22) 29.08.2023
(54) METHOD FOR OPERATING A SMELT-
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(51) Int. Cl.
C21B 5/06 (2006.01)
C21B 7/16 (2006.01)
F27B 1/16 (2006.01)
(87) WO2024/047061
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LIKONSTANTIS, Evangelos; JI, Jihong
(74) Kings Patent & Trade Marks Attorneys
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(11) AU-A-2023283882
(21) 2023283882 (22) 24.05.2023
(54) TRIFUNCTIONAL COMPOUND AND
USE THEREOF
(51) Int. Cl.
A61K 47/62 (2017.01)
A61K 47/54 (2017.01)
A61K 51/08 (2006.01)
A61P 9/10 (2006.01)
A61P 25/00 (2006.01)
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C07K 16/18 (2006.01)
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(11) AU-A-2023316792
(21) 2023316792 (22) 28.07.2023
(54) METHOD FOR ACTUATING ACTIVE
MATRIX DISPLAYS, CORRESPOND-
ING CONTROLLER, AND COMPUTER
PROGRAM PRODUCT
(51) Int. Cl.
G06F 3/147 (2006.01)
(87) WO2024/023325
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(74) Davies Collison Cave Pty Ltd

(71) PHILIP MORRIS PRODUCTS S.A.
(11) AU-A-2023307475
(21) 2023307475 (22) 13.07.2023
(54) AEROSOL-GENERATING ARTICLE
COMPRISING UPSTREAM ELEMENT
(51) Int. Cl.
A24D 1/20 (2020.01)
A24D 3/17 (2020.01)

(87) WO2024/013342
(31) 22185340.1 (32) 15.07.22 (33) EP
(43) 18.01.2024
(72) BAUR, Guillaume Bastien
(74) James & Wells Intellectual Property

(71) PHOS GLOBAL ENERGY SOLU-
TIONS, INC.
(11) AU-A-2023307893
(21) 2023307893 (22) 11.07.2023
(54) MECHANICAL RENEWABLE GREEN
ENERGY PRODUCTION
(51) Int. Cl.
F16C 32/04 (2006.01)
F16F 15/315 (2006.01)
(87) WO2024/015348
(31) 63/388,220 (32) 11.07.22 (33) US
63/388,223 11.07.22 US
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63/388,228 11.07.22 US
(43) 18.01.2024
(72) BICA, Victor; RUDOLPH, Eugene,
Earle
(74) Integrated IP

(71) POLOPO LTD.
(11) AU-A-2023319088
(21) 2023319088 (22) 30.07.2023
(54) COMPOSITIONS AND METHODS
FOR INCREASING THE AMINO ACID
AND PROTEIN CONTENT IN STOR-
AGE ORGANS OF PLANTS
(51) Int. Cl.
A01H 5/04 (2018.01)
A01H 5/10 (2018.01)
A01H 6/46 (2018.01)
A01H 6/82 (2018.01)
C07K 14/415 (2006.01)
C12N 15/82 (2006.01)
(87) WO2024/028859
(31) 63/393,923 (32) 31.07.22 (33) US
(43) 08.02.2024
(72) LIBERMAN-ALONI, Raya; SAPIR-MIR,
Maya
(74) WRAYS PTY LTD

(71) POZNANSKY, M.C.; ZOOK, A.; ZOOK,
P.; GALLAGHER, P.
(11) AU-A-2023304252
(21) 2023304252 (22) 08.07.2023
(54) VACCINE INCORPORATING PRO-
TEIN-BASED IMMUNE ADJUVANT
(51) Int. Cl.
A61K 38/16 (2006.01)
A61K 38/17 (2006.01)
A61K 39/12 (2006.01)
A61P 31/12 (2006.01)
C07K 14/025 (2006.01)
C07K 14/47 (2006.01)
C07K 19/00 (2006.01)
A61K 47/62 (2017.01)
A61P 37/04 (2006.01)
(87) WO2024/010962
(31) 63/359,560 (32) 08.07.22 (33) US
(43) 11.01.2024
(72) POZNANSKY, Mark, C.; ZOOK, An-
thony; ZOOK, Philip; GALLAGHER,
Patrick
(74) Pearce IP Pty Ltd

(71) PRINCIPIA BIOPHARMA INC.
(11) AU-A-2023294624
(21) 2023294624 (22) 13.06.2023
(54) CRYSTALLINE FORMS OF 2-[3-
[4-AMINO-3-(2-FLUORO-4-PHEN-
OXY-PHENYL)PYRAZOLO[3,4-
D]PYRIMIDIN-1- YL]PIPERIDINE-1-
CARBONYL]-4-METHYL-4-[4-
(OXETAN-3-YL)PIPERAZIN-1-
YL]PENT-2-ENENITRILE
(51) Int. Cl.
C07D 487/04 (2006.01)
A61K 31/519 (2006.01)
A61P 37/00 (2006.01)
(87) WO2023/244562
(31) 63/352,027 (32) 14.06.22 (33) US
(43) 21.12.2023
(72) BY, Kolbot; PHIASIVONGSA, Pasit;
VAN BEEK, Carim
(74) Griffith Hack

(71) PRINCIPIA BIOPHARMA INC.
(11) AU-A-2023294689
(21) 2023294689 (22) 13.06.2023
(54) METHODS OF MAKING TOLEBRU-
TINIB
(51) Int. Cl.
C07D 213/74 (2006.01)
C07C 59/245 (2006.01)
C07D 213/76 (2006.01)
C07D 241/24 (2006.01)
C07D 471/04 (2006.01)
(87) WO2023/244587
(31) 63/351,996 (32) 14.06.22 (33) US
(43) 21.12.2023
(72) SODO, Alfred; RODIER, Fabien; JANS-
SENS, Laurence; CABOS, Claude;
BORIE, Cyril; BAILLY, Frédéric; BE-
NELLI, Christophe; BOSCH, Michaël;
CHARAUDEAU, Alexis; PACQUET,
François; SALLÉ, Laurent; VIGNE,
Sylvie
(74) Griffith Hack

(71) PROBIOETNA S.R.L.
(11) AU-A-2023318746
(21) 2023318746 (22) 01.08.2023
(54) LACTICASEIBACILLUS RHAMNOSUS
DSM 33960 AND ITS USE IN A METH-
OD FOR THE PREVENTION AND
TREATMENT OF UROGENITAL
TRACT DYSBIOSIS
(51) Int. Cl.
C12N 1/20 (2006.01)
A61K 35/747 (2015.01)
A61P 13/00 (2006.01)
A61P 15/02 (2006.01)
A61P 31/04 (2006.01)
(87) WO2024/028764
(31) 102022000016542 (32) 03.08.22 (33) IT
(43) 08.02.2024
(72) RANDAZZO, Cinzia Lucia; PINO,
Alessandra; VACCALLUZZO, Amanda;
CIANCI, Antonio; CAGGIA, Cinzia
(74) AJ PARK

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- (71) PRODUCTOS CITROSOL, S.A.
(11) AU-A-2023305869
(21) 2023305869 (22) 13.07.2023
(54) MIXING CHAMBER
(51) Int. Cl.
G01N 1/38 (2006.01)
G01N 35/00 (2006.01)
G01N 35/10 (2006.01)
(87) WO2024/013422
(31) P202230656 (32) 15.07.22 (33) ES
(43) 18.01.2024
(72) PARRA CARBONELL, Javier;
ISNARDO MORANT, María José;
MOTTURA LERDA, Martín Car-
los; DOMÍNGUEZ CASCANT, Raul;
MORATAL MARTÍ, Francesc; ORTEGA
NAVARRO, Jesus
(74) GLMR
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- (71) PT ESG NEW ENERGY MATERIAL;
PT QMB NEW ENERGY MATERIALS;
GEM CO., LTD.; PT GEM INDONESIA
NEW ENERGY MATERIALS
(11) AU-A-2023446720
(21) 2023446720 (22) 30.06.2023
(54) ACID FEEDING SYSTEM FOR HIGH-
PRESSURE KETTLE FOR LATER-
ITE-NICKEL ORE HYDROMETAL-
LURGY
(51) Int. Cl.
C22B 23/00 (2006.01)
C22B 3/02 (2006.01)
C22B 3/06 (2006.01)
(43) 30.01.2025
(72) BRODJONEGORO, Satryo Soeman-
tri; XU, Kaihua; WANALDI, Rizky;
AJI, Tegar Mukti; HASIBUAN, Andi
Syaputra; ARINDA, Shella; KRISTIY-
ANTO, Evan Wahyu; WANG, Yi; SIN-
AGA, Arnaldo Marulitua
(74) Madderns Pty Ltd
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- (71) PT ESG NEW ENERGY MATERIAL;
PT QMB NEW ENERGY MATERIALS;
GEM CO., LTD.; PT GEM INDONESIA
NEW ENERGY MATERIALS
(11) AU-A-2023446723
(21) 2023446723 (22) 30.06.2023
(54) SYSTEM AND METHOD WITH RE-
DUCTION IN MOISTURE CONTENT
AND IMPURITIES OF NICKEL-CO-
BALT HYDROXIDE
(51) Int. Cl.
C22B 23/00 (2006.01)
B01D 12/00 (2006.01)
C22B 3/22 (2006.01)
C22B 3/44 (2006.01)
F26B 3/04 (2006.01)
F26B 3/20 (2006.01)
(43) 30.01.2025
(72) BRODJONEGORO, Satryo Soemantri;
XU, Kaihua; CUI, Tao; KRISTIYANTO,
Evan Wahyu; MUZAYADAH, Nurul Lail-
atul; AJI, Tegar Mukti; HASIBUAN, Andi
Syaputra; WANALDI, Rizky
(74) Madderns Pty Ltd
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- (71) PT ESG NEW ENERGY MATERIAL;
PT QMB NEW ENERGY MATERIALS;
GEM CO., LTD.; PT GEM INDONESIA
NEW ENERGY MATERIALS
(11) AU-A-2023446719
(21) 2023446719 (22) 30.06.2023
(54) METHOD FOR DYNAMICALLY REG-
ULATING CONDITIONS OF HIGH-
PRESSURE LEACHING REACTION
OF LATERITE NICKEL ORE
(51) Int. Cl.
C22B 3/06 (2006.01)
C22B 23/00 (2006.01)
G05D 23/13 (2006.01)
(43) 30.01.2025
(72) XU, Kaihua; BRODJONEGORO, Satryo
Soemantri; WANG, Yi; WANALDI,
Rizky; AJI, Tegar Mukti; KRISTIY-
ANTO, Evan Wahyu; HASIBUAN, Andi
Syaputra; RAHMADI, Piyan
(74) Madderns Pty Ltd
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- (71) PV INDUSTRIES PTY LTD
(11) AU-A-2023314817
(21) 2023314817 (22) 24.07.2023
(54) LAYER REMOVAL DEVICE
(51) Int. Cl.
B09B 3/35 (2022.01)
B02C 13/04 (2006.01)
B02C 18/06 (2006.01)
B09B 3/20 (2022.01)
H10F 19/80 (2025.01)
(87) WO2024/020626
(31) 2022902083 (32) 25.07.22 (33) AU
(43) 01.02.2024
(72) BROWN, Rick
(74) Alder IP Pty Ltd
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- (71) QINGDAO HAIER WASHING MA-
CHINE CO., LTD.; HAIER SMART
HOME CO., LTD.
(11) AU-A-2023310293
(21) 2023310293 (22) 30.05.2023
(54) FRESH AIR WASHING MACHINE
(51) Int. Cl.
D06F 39/00 (2024.01)
(87) WO2024/016847
(31) 202210864150.1 (32) 21.07.22 (33) CN
(43) 25.01.2024
(72) LV, Yanfen; XU, Sheng; LIU, Kai
(74) Madderns Pty Ltd
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- (71) QINGDAO KINGAGROOT SEED SCI-
ENCE CO., LTD.
(11) AU-A-2023332832
(21) 2023332832 (22) 31.08.2023
(54) MUTANT INSECTICIDAL PROTEIN
VIP3 AND USE THEREOF
(51) Int. Cl.
C07K 14/325 (2006.01)
A01H 5/00 (2018.01)
A01H 6/46 (2018.01)
A01H 6/54 (2018.01)
A01H 6/60 (2018.01)
C12N 15/12 (2006.01)
C12N 15/82 (2006.01)
(87) WO2024/046429
(31) 202310225662.8 (32) 09.03.23 (33) CN
202211069297.8 01.09.22 CN
(43) 07.03.2024
(72) LIAN, Lei; WU, Yongchun; CHEN, Bo;
LI, Huarong
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71) RAKUTEN SYMPHONY, INC.
(11) AU-A-2023368490
(21) 2023368490 (22) 23.02.2023
(54) SECURE L1/L2 CENTRIC INTER-
CELL MOBILITY EXECUTION
(51) Int. Cl.
H04W 36/04 (2009.01)
H04W 12/00 (2021.01)
H04B 17/382 (2015.01)
(87) WO2024/091706
(31) 202221061428 (32) 28.10.22 (33) IN
(43) 02.05.2024
(72) CHANDRASHEKAR, Subramanya
(74) Spruson & Ferguson
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- (71) PT ESG NEW ENERGY MATERIAL;
PT QMB NEW ENERGY MATERIALS;

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(71) RAPID GRANULATOR AB (11) AU-A-2023318343 (21) 2023318343 (22) 30.06.2023 (54) GRANULATOR MILL (51) Int. Cl. B02C 18/16 (2006.01) B02C 18/18 (2006.01) (87) WO2024/028008 (31) 22188962.9 (32) 05.08.22 (33) EP (43) 08.02.2024 (72) BLOM, Magnus; KARLSSON, Henrik (74) Spruson & Ferguson	(21) 2023326320 (22) 18.05.2023 (54) SLIDING PIN-YOKE MECHANISM (51) Int. Cl. F16H 25/22 (2006.01) B64C 13/28 (2006.01) F16H 21/44 (2006.01) F42B 10/64 (2006.01) (87) WO2024/039423 (31) 17/820,535 (32) 17.08.22 (33) US (43) 22.02.2024 (72) SILVER, Stephen C. (74) RnB IP Pty Ltd	63/495,198 10.04.23 US 63/368,722 18.07.22 US 63/368,724 18.07.22 US 63/368,726 18.07.22 US 63/368,728 18.07.22 US 63/368,730 18.07.22 US 63/368,731 18.07.22 US 63/368,734 18.07.22 US 63/368,735 18.07.22 US 63/368,736 18.07.22 US 63/368,737 18.07.22 US 63/368,738 18.07.22 US 63/368,741 18.07.22 US 63/368,742 18.07.22 US 63/368,744 18.07.22 US (43) 25.01.2024 (72) GASUNAS, Giedrius; LADHA, Alim; PRESNYAK, Vladimir; JAYARAMAN, Muthusamy; NARAYANAN, Elisabeth (74) Spruson & Ferguson
(71) RAYTHEON COMPANY (11) AU-A-2023321825 (21) 2023321825 (22) 26.06.2023 (54) ADDITIVELY MANUFACTURED CLUSTER FEED (51) Int. Cl. H01Q 9/27 (2006.01) B33Y 99/00 (2015.01) H01P 3/06 (2006.01) (87) WO2024/035992 (31) 17/818,929 (32) 10.08.22 (33) US (43) 15.02.2024 (72) HERNDON, Mary, K.; RAHMAN, Nahid; ANDERSON, Russell; LOVAASEN, John, David; PALUMBO, David, Joseph; CASON, Michael, Wayne (74) RnB IP Pty Ltd	(71) REARDON, R.J.F. (11) AU-A-2023329173 (21) 2023329173 (22) 25.08.2023 (54) FILTRATION DEVICE AND METHOD (51) Int. Cl. B01L 3/00 (2006.01) B07B 1/00 (2006.01) (87) WO2024/042223 (31) 22192466.5 (32) 26.08.22 (33) EP (43) 29.02.2024 (72) REARDON, Robert John Fraser; CA- HOON, Benjamin; LARSON, Benjamin S. (74) FB Rice Pty Ltd	(71) RESILIUN B.V.; BIOTEMPT B.V. (11) AU-A-2023308137 (21) 2023308137 (22) 12.07.2023 (54) TREATING CONDITIONS WITH HY- POGLYCEMIA ASSOCIATED WITH HYPERINSULINEMIA. (51) Int. Cl. A61P 3/08 (2006.01) A61K 38/08 (2019.01) A61K 38/10 (2006.01) (87) WO2024/014953 (31) 63/368,214 (32) 12.07.22 (33) US (43) 18.01.2024 (72) WENSVOORT, Gert; CLAASSEN, Eric (74) Griffith Hack
(71) RAYTHEON COMPANY (11) AU-A-2023324047 (21) 2023324047 (22) 08.08.2023 (54) TWO-PHASE LIQUID-COOLED ELEC- TRICAL POWER APPARATUS (51) Int. Cl. H01F 27/18 (2006.01) F28D 15/02 (2006.01) H01L 23/427 (2006.01) H01L 23/473 (2006.01) H02K 9/20 (2006.01) H05K 7/20 (2006.01) (87) WO2024/036163 (31) 17/885,400 (32) 10.08.22 (33) US (43) 15.02.2024 (72) KUZNETSOV, Stephen B. (74) RnB IP Pty Ltd	(71) REMYND N.V. (11) AU-A-2023323878 (21) 2023323878 (22) 10.08.2023 (54) (AZA)SPIROHEPTANE DERIVATIVES FOR THE TREATMENT OF NEURO- DEGENERATIVE DISORDERS (51) Int. Cl. C07D 487/10 (2006.01) A61K 31/397 (2006.01) A61K 31/433 (2006.01) A61P 25/00 (2006.01) A61P 25/16 (2006.01) A61P 25/28 (2006.01) C07C 233/41 (2006.01) C07D 285/08 (2006.01) C07D 417/12 (2006.01) (87) WO2024/033479 (31) 22189963.6 (32) 11.08.22 (33) EP (43) 15.02.2024 (72) GRIFFIOEN, Johan Gerard; PRIN- CEN, Katrien; VOETS, Marieke; BIS- SANTZ, Caterina; CECERE, Giuseppe; NETTEKOVEN, Matthias; RATNI, Hasane; ROGER-EVANS, Mark; VAN DER HEIJDEN, Gydo; FOLMER, Rut- ger; BERKENBOSCH, Tim (74) WRAYS PTY LTD	(71) ROOBUCK PTY LTD (11) AU-A-2023407206 (21) 2023407206 (22) 22.12.2023 (54) LTE ENABLED SAFETY COMMUNIC- ATION CAP LAMP (51) Int. Cl. H04W 4/80 (2018.01) A42B 3/04 (2006.01) A42B 3/30 (2006.01) E21F 17/18 (2006.01) G08B 5/38 (2006.01) G08B 21/02 (2006.01) H04W 4/40 (2018.01) (87) WO2024/130334 (31) 2022904028 (32) 24.12.22 (33) AU (43) 27.06.2024 (72) ZIELINSKI-NICOLSON, Dane Antoni; BROCKETT, Christopher James; RAUT, Ramu; PATTERSON, Liam Alexander (74) Dennemeyer & Associates
(71) RAYTHEON COMPANY (11) AU-A-2023324055 (21) 2023324055 (22) 08.08.2023 (54) MICROWAVE CAVITY RESONATOR AND FIXED-GEOMETRY PROBE (51) Int. Cl. H01P 5/103 (2006.01) H01P 5/107 (2006.01) H01P 7/10 (2006.01) (87) WO2024/036171 (31) 17/887,043 (32) 12.08.22 (33) US (43) 15.02.2024 (72) MOORE, Gary Ian; DERVAY, James Andrew (74) RnB IP Pty Ltd	(71) RENAGADE THERAPEUTICS MAN- AGEMENT INC. (11) AU-A-2023311964 (21) 2023311964 (22) 17.07.2023 (54) GENE EDITING COMPONENTS, SYS- TEMS, AND METHODS OF USE (51) Int. Cl. C12N 9/22 (2006.01) C12N 15/10 (2006.01) C12N 15/113 (2010.01) C12N 15/90 (2006.01) (87) WO2024/020346 (31) 18/297,346 (32) 07.04.23 (33) US	(71) RO TECHNOLOGIES, LLC (11) AU-A-2023310698 (21) 2023310698 (22) 29.06.2023 (54) THERMOFORM WINDSHIELD STACK WITH INTEGRATED FORMABLE MOLD (51) Int. Cl. G02B 30/00 (2020.01) B29C 33/38 (2006.01) B29D 11/00 (2006.01) B32B 7/12 (2006.01)
(71) RAYTHEON COMPANY (11) AU-A-2023326320		

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(71) RTX BBN TECHNOLOGIES INC (11) AU-A-2023292686 (21) 2023292686 (22) 16.06.2023 (54) PHOTONIC INTEGRATED CIRCUIT (PIC) RADIO FREQUENCY SIGNAL CORRELATOR (51) Int. Cl. H04B 10/2575 (2013.01) G06E 3/00 (2006.01) (87) WO2023/244836 (31) 17/843,992 (32) 18.06.22 (33) US (43) 21.12.2023 (72) SOLTANI, Moe, D.; DINNDORF, Kenneth (74) RnB IP Pty Ltd	(71) SAMYANG CORPORATION (11) AU-A-2023299040 (21) 2023299040 (22) 29.06.2023 (54) ALLULOSE COMPOSITION WITH EXCELLENT STABILITY (51) Int. Cl. A23L 27/30 (2016.01) A23L 29/30 (2016.01) B65D 85/72 (2006.01) (87) WO2024/005558 (31) 10-2022-0079917 (32) 29.06.22 (33) KR (43) 04.01.2024 (72) KIM, Min Jeong; KIM, Go-Eun; SA, Soonok; HAN, Jung Sook (74) FB Rice Pty Ltd	(71) SCEPTER US HOLDING COMPANY (11) AU-A-2023315794 (21) 2023315794 (22) 27.07.2023 (54) FLAME MITIGATION DEVICE FOR FUEL CONTAINER (51) Int. Cl. A62C 4/00 (2006.01) A62C 3/06 (2006.01) (87) WO2024/025980 (31) 63/369,564 (32) 27.07.22 (33) US (43) 01.02.2024 (72) GARZA, Sergio O.; SNYDER, Kristopher C.; CLEAR III, Joseph Frank; KING, Geoffrey Allen (74) Minter Ellison
(71) RTX BBN TECHNOLOGIES INC. (11) AU-A-2023290182 (21) 2023290182 (22) 16.06.2023 (54) PHOTONIC INTEGRATED CIRCUIT (PIC) RADIO FREQUENCY I/Q SIGNAL CORRELATOR (51) Int. Cl. H04B 10/2575 (2013.01) G06E 3/00 (2006.01) (87) WO2023/244842 (31) 17/843,993 (32) 18.06.22 (33) US (43) 21.12.2023 (72) SOLTANI, Moe, D.; DINNDORF, Kenneth (74) RnB IP Pty Ltd	(71) SAMYANG CORPORATION (11) AU-A-2023414816 (21) 2023414816 (22) 13.12.2023 (54) CRYSTALLINE ALLULOSE (51) Int. Cl. C07H 3/02 (2006.01) C07H 1/00 (2006.01) (87) WO2024/144004 (31) 10-2022-0187868 (32) 28.12.22 (33) KR (43) 04.07.2024 (72) KIM, Goeun; KIM, Minjeong; RYU, Kyunghun; PARK, Jiwon; KIM, Dohyun; KIM, Minyoung; SA, Soonok; HAN, Jungsook (74) FB Rice Pty Ltd	(71) SCHLUMBERGER TECHNOLOGY B.V. (11) AU-A-2023293134 (21) 2023293134 (22) 15.06.2023 (54) HEAT TREATMENT OF NANODIAMOND PARTICLES WITH CONTROLLED POWDER LAYER DEPTH (51) Int. Cl. C09K 11/65 (2006.01) B01J 3/06 (2006.01) C01B 32/28 (2017.01) C09K 11/08 (2006.01) (87) WO2023/245112 (31) 63/366,439 (32) 15.06.22 (33) US (43) 21.12.2023 (72) BAO, Yahua (74) Griffith Hack
(71) SAMOA INDUSTRIAL, S.A. (11) AU-A-2024246451 (21) 2024246451 (22) 19.03.2024 (54) PISTON PUMP WITH QUICK EX-HAUST SLIDE VALVES (51) Int. Cl. F01B 3/00 (2006.01) F04B 5/02 (2006.01) F04B 9/125 (2006.01) (87) WO2024/201212 (31) P202330247 (32) 24.03.23 (33) ES (43) 03.10.2024 (72) GONZÁLEZ MORATIEL, Alberto; ÁLVAREZ PELÁEZ, Luis Miguel; SECADES GENTO, Ángel; ALLER BLANCO, Rubén (74) A.P.T. Patent and Trade Mark Attorneys	(71) SANOFI (11) AU-A-2023290523 (21) 2023290523 (22) 15.06.2023 (54) HIGHLY CONCENTRATED ANTIBODY COMPOSITIONS (51) Int. Cl. A61K 39/395 (2006.01) (87) WO2023/242347 (31) 63/352,438 (32) 15.06.22 (33) US 22315141.6 11.07.22 EP (43) 21.12.2023 (72) FILIPE, Vasco; GOKARN, Yatin R.; JIN, Xin; NAKACH, Mostafa; PATKE, Sanket; SALUJA, Atul; WOINET, Bertrand (74) Griffith Hack	(71) SCHLUMBERGER TECHNOLOGY B.V. (11) AU-A-2023295527 (21) 2023295527 (22) 15.06.2023 (54) NANODIAMOND WITH VACANCY DEFECT AND QUANTUM DOT LUMINESCENCE (51) Int. Cl. C09K 11/65 (2006.01) B01J 3/06 (2006.01) C01B 32/15 (2017.01) C01B 32/26 (2017.01) C01B 32/28 (2017.01) C09K 11/08 (2006.01) C30B 29/04 (2006.01) (87) WO2023/245111 (31) 63/366,434 (32) 15.06.22 (33) US (43) 21.12.2023 (72) BELNAP, J. Daniel (74) Griffith Hack
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E21B 29/00 (2006.01)
E21B 47/12 (2012.01)
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E21B 27/04 (2006.01)
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C09K 8/52 (2006.01)
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C04B 22/06 (2006.01)
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C12Q 1/70 (2006.01)
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H01S 5/11 (2021.01)
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A61K 9/127 (2006.01)
A61K 31/7088 (2006.01)
A61K 31/713 (2006.01)
A61K 47/18 (2017.01)
A61K 47/24 (2006.01)
A61K 47/28 (2006.01)
A61P 11/00 (2006.01)
A61P 31/14 (2006.01)
C07C 219/06 (2006.01)
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(54) AMINO LIPID COMPOUND, PREPARATION METHOD THEREFOR, AND USE THEREOF
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C12N 15/50 (2006.01)
A61K 39/215 (2006.01)
A61K 48/00 (2006.01)
A61P 31/14 (2006.01)
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OF NOR-UDCA
(51) Int. Cl.
A61K 9/00 (2006.01)
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(54) HOUSING DEVICE AND METHOD
(51) Int. Cl.
H01M 10/613 (2014.01)
B29C 45/00 (2006.01)
B29C 65/00 (2006.01)
H01M 10/6557 (2014.01)
H01M 10/6567 (2014.01)
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CO. KG
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(54) SUBSTATION WITH POWER
VOLTAGE TRANSFORMER CONNEC-
TED THROUGH CIRCUIT DEVICE
TO HIGH OR EXTRA HIGH VOLTAGE
TRANSMISSION LINE
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H02J 3/00 (2006.01)
H02B 7/01 (2006.01)
H02B 7/06 (2006.01)
H02H 3/08 (2006.01)
H02H 9/02 (2006.01)
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BRANES COMPRISING METAL-CON-
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C22B 11/00 (2006.01)
H01M 8/008 (2016.01)
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(54) SYSTEM AND METHOD FOR PRODU-
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C01C 1/04 (2006.01)
C25B 1/04 (2021.01)
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(21) 2023315921 (22) 07.07.2023
(54) METHOD FOR OPERATING AN ELEC-
TROLYSIS SYSTEM, AND ELECTRO-
LYSIS SYSTEM
(51) Int. Cl.
C25B 1/04 (2021.01)
C25B 15/08 (2006.01)
F04D 27/02 (2006.01)
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(54) DISPLAY APPARATUS AND METHOD
OF ASSEMBLY
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G02F 1/1333 (2006.01)
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cente Torres
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EOROLOGICAL MODELLING
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G01S 13/95 (2006.01)
G01S 19/07 (2010.01)
G01S 19/14 (2010.01)
G01S 19/37 (2010.01)
G01W 1/02 (2006.01)
G01W 1/10 (2006.01)
H04B 7/185 (2006.01)
G01S 19/02 (2010.01)
G01S 19/13 (2010.01)
G01W 1/00 (2006.01)
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(72) HENRIKSSON, Svante; BORGSTRÖM,
Fredrik; KAISTI, Kim
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(54) COMPOSITIONS AND METHODS
FOR SINGLE WELL MULTIPLEXED
CALIBRATION AND COMPENSATION
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G01N 15/10 (2024.01)
C08F 120/56 (2006.01)
G01N 33/49 (2006.01)
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S.A.
(11) AU-A-2023329104
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(54) FOOD COMPOSITION COMPRISING
ONE OR A PLURALITY OF COATED
FOOD PARTICLES
(51) Int. Cl.
A23F 5/14 (2006.01)
A23F 5/36 (2006.01)
A23G 1/00 (2006.01)
A23L 2/395 (2006.01)
A23L 7/191 (2016.01)
A23P 10/30 (2016.01)
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(54) SPOONABLE OIL PRODUCT COM-
PRISING STABLE POLYUNSATUR-
ATED FATTY ACID
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A23D 7/005 (2006.01)
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(54) CO-EXTRACTION METHOD FOR PREPARING A STABLE OIL BODY SOLUTION FROM SEED MATERIAL AND CEREAL BRAN
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C11B 1/04 (2006.01)
A23D 9/02 (2006.01)
A23D 9/05 (2006.01)
C11B 1/10 (2006.01)
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B65D 85/804 (2006.01)
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(74) FB Rice Pty Ltd

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(54) PHOTOVOLTAIC SYSTEM AND OPTIMIZER NETWORKING METHOD THEREOF
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H02J 3/28 (2006.01)
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H01R 13/64 (2006.01)
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(71) SUTRO BIOPHARMA, INC.
(11) AU-A-2023301192
(21) 2023301192 **(22)** 27.06.2023
(54) β-GLUCURONIDE LINKER-PAYLOADS, PROTEIN CONJUGATES THEREOF, AND METHODS THEREOF
(51) Int. Cl.
A61K 47/60 (2017.01)
A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
(87) WO2024/006272
(31) 63/355,975 **(32)** 27.06.22 **(33)** US
(43) 04.01.2024
(72) BAJJURI, Krishna; MADERNA, Andreas; KLINE, Toni
(74) FB Rice Pty Ltd

(71) SYNGENTA CROP PROTECTION AG
(11) AU-A-2023319049
(21) 2023319049 **(22)** 28.07.2023

(54) METHOD OF FUNGICIDAL TREATMENT TO HARVESTED CROPS
(51) Int. Cl.
A01N 25/06 (2006.01)
A01N 25/14 (2006.01)
A01N 37/46 (2006.01)
A01N 43/36 (2006.01)
A01N 43/54 (2006.01)
A01N 43/56 (2006.01)
A01N 43/653 (2006.01)
A01N 43/78 (2006.01)
A01N 45/02 (2006.01)
A01P 3/00 (2006.01)
(87) WO2024/028224
(31) 63/370,009 **(32)** 01.08.22 **(33)** US
(43) 08.02.2024
(72) CLEMENS, Christopher, Glen; RAMALINGAM, Nagarajan
(74) Davies Collison Cave Pty Ltd

(71) TAURUS GMBH & CO.KG
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(21) 2023314522 **(22)** 24.05.2023
(54) INSTRUMENT SET AND TULIP OF THE SAME
(51) Int. Cl.
A61B 17/70 (2006.01)
(87) WO2024/022642
(31) 10 2022 002 763.1 **(32)** 29.07.22 **(33)** DE
(43) 01.02.2024
(72) SIEDLER, Uwe; HEUER, Frank
(74) Fraser Old & Sohn

(71) TECHTRONIC FLOOR CARE TECHNOLOGY LIMITED
(11) AU-A-2023311238
(21) 2023311238 **(22)** 19.07.2023
(54) SURFACE CLEANER
(51) Int. Cl.
A47L 7/00 (2006.01)
A47L 9/28 (2006.01)
A47L 9/32 (2006.01)
(87) WO2024/020448
(31) 63/391,450 **(32)** 22.07.22 **(33)** US
(43) 25.01.2024
(72) BLOOMER, Ryan; DAVILA, Rafael; DAWSON, Michael, P.; LIGHTBOURN, Robert; WOLFE, Kevin
(74) James & Wells Intellectual Property

(71) TEXAS HEART INSTITUTE
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(21) 2023308945 **(22)** 20.07.2023
(54) TOOL AND METHOD FOR CARDIAC ABLATION USING HYDROGEL
(51) Int. Cl.
A61B 18/14 (2006.01)
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(31) 63/390,920 **(32)** 20.07.22 **(33)** US
(43) 25.01.2024
(72) POST, Allison D.; JOHN, Mathews M.; BUCHAN, Skylar J.; BERNARD, Drew; RAZAVI, Mehdi
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(11) AU-A-2023289305
(21) 2023289305 (22) 26.06.2023
(54) FORMULATION OF AN AMPHOTERICIN B HYBRID AMIDE DERIVATIVE IN DSGPEG2K MICELLES
(51) Int. Cl.
A61K 47/14 (2017.01)
A61K 47/10 (2017.01)
A61K 47/34 (2017.01)
C07H 17/08 (2006.01)
A61P 31/10 (2006.01)
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(43) 28.12.2023
(72) BURKE, Martin, D.; MAJI, Arun; WEERS, Jeffry, G.
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- (71) THE BOEING COMPANY
(11) AU-A-2023298030
(21) 2023298030 (22) 21.06.2023
(54) MULTI-MATERIAL STRUCTURES AND METHODS
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B22F 7/06 (2006.01)
B22F 10/20 (2021.01)
B23K 35/00 (2006.01)
B33Y 70/00 (2020.01)
C22C 14/00 (2006.01)
C22C 27/02 (2006.01)
C22C 27/04 (2006.01)
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(31) 18/178,771 (32) 06.03.23 (33) US
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(43) 04.01.2024
(72) EMBLER, Jonathan D.; O'CONNOR, William E.; SCHAEDELER, Tobias; CLOUGH, Eric C.; NGUYEN, Raymond; ZACHER, Sonia
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A61B 3/10 (2006.01)
A61F 9/00 (2006.01)
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(43) 30.01.2025
(72) JEE, Dong Hyun
(74) LAMINAR IP PTY LTD
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(21) 2023311477 (22) 24.07.2023
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(51) Int. Cl.
A61K 47/59 (2017.01)
C12N 9/22 (2006.01)
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(21) 2023316471 (22) 27.07.2023
(54) COMPOSITIONS AND METHODS FOR TREATING METABOLIC DISORDERS
(51) Int. Cl.
A61K 31/335 (2006.01)
A61K 31/34 (2006.01)
A61K 31/341 (2006.01)
(87) WO2024/026012
(31) 63/393,585 (32) 29.07.22 (33) US
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(72) NÄÄR, Anders Michael; ZHU, Chi; LEE, Justin Yu-Sun
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(21) 2023321889 (22) 11.08.2023
(54) FIBROUS CORE-SHELL SILICON-CARBON STRUCTURES
(51) Int. Cl.
D06M 11/74 (2006.01)
C01B 33/023 (2006.01)
D04H 1/4218 (2012.01)
B82Y 40/00 (2011.01)
D01F 9/08 (2006.01)
(87) WO2024/036307
(31) 63/371,356 (32) 12.08.22 (33) US
(43) 15.02.2024
(72) FISHER, Timothy Scott; ABUSEADA, Mostafa M.
(74) Davies Collison Cave Pty Ltd
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- (71) THERIVA BIOLOGICS, INC.
(11) AU-A-2023324028
(21) 2023324028 (22) 08.08.2023
(54) TREATMENT OR PREVENTION OF GASTROINTESTINAL IMMUNOTHERAPY SIDE EFFECTS
(51) Int. Cl.
A61P 35/00 (2006.01)
A61K 38/46 (2006.01)
A61K 39/395 (2006.01)
C12N 9/16 (2006.01)
C07K 16/28 (2006.01)
(87) WO2024/036144
(31) 63/396,398 (32) 09.08.22 (33) US
(43) 15.02.2024
(72) KALEKO, Michael; FURLAN FREGUIA, Christian
(74) FPA Patent Attorneys Pty Ltd
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- (71) THYSSENKRUPP STEEL EUROPE AG
(11) AU-A-2023316006
(21) 2023316006 (22) 24.07.2023
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(51) Int. Cl.
C21B 11/10 (2006.01)
C21B 13/00 (2006.01)
C21B 13/12 (2006.01)
C21C 5/46 (2006.01)
C21C 5/52 (2006.01)
F27B 3/08 (2006.01)
F27B 3/18 (2006.01)
F27D 3/00 (2006.01)
F27D 3/16 (2006.01)
F27D 3/18 (2006.01)
(87) WO2024/022989
(31) 10 2022 118 640.7 (32) 26.07.22 (33) DE
(43) 01.02.2024
(72) JÄGER, Nils; SCHUBERT, Daniel; MÜHLHAUSE, Walter; GROSSARTH, Marius
(74) Griffith Hack
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(21) 2023310401 (22) 07.07.2023
(54) ARC EXTINGUISHING DEVICE FOR EXTINGUISHING ARC IN ELECTRIC SWITCH, AND ELECTRIC SWITCH
(51) Int. Cl.
H01H 9/30 (2006.01)
H01H 9/34 (2006.01)
(87) WO2024/017076
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202211227931.6 09.10.22 CN
(43) 25.01.2024
(72) NAN, Tian; GUAN, Yiqing; KOU, Ji; ZHOU, Bin; LIANG, Yingjie; NAN, Yin
(74) Integrated IP
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- (71) TOKAI OPTICAL CO.,LTD.
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(21) 2023327169 (22) 21.07.2023
(54) SPECTACLE LENS FOR SUPPRESSING PROGRESSION OF REFRACTIVE ERROR
(51) Int. Cl.
G02C 7/06 (2006.01)
(87) WO2024/038731
(31) 2022-130047 (32) 17.08.22 (33) JP
(43) 22.02.2024
(72) SUZUKI Eiji
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- (71) TOMRA SORTING LIMITED
(11) AU-A-2023305828
(21) 2023305828 (22) 11.07.2023
(54) CONTROL OF A PEELING SYSTEM
(51) Int. Cl.
A23N 7/00 (2006.01)
G06N 20/00 (2019.01)
(87) WO2024/013189
(31) 22184548.0 (32) 12.07.22 (33) EP
(43) 18.01.2024
(72) MCGLOUGHLIN, John
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 (11) AU-A-2023308563
 (21) 2023308563 (22) 14.07.2023
 (54) BLOCK CONFIGURATION
 (51) Int. Cl.
B28B 7/24 (2006.01)
E04B 1/04 (2006.01)
E01C 11/02 (2006.01)
 (87) WO2024/015580
 (31) 63/389,021 (32) 14.07.22 (33) US
 63/438,713 12.01.23 US
 (43) 18.01.2024
 (72) BAHLER, Philip J.
 (74) Michael Buck IP

(71) TOPSOE A/S
 (11) AU-A-2023331794
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 (54) THERMOLYTIC FRAGMENTATION OF SUGARS
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B01J 8/18 (2006.01)
C07C 45/60 (2006.01)
C07C 47/19 (2006.01)
 (87) WO2024/046970
 (31) 22192643.9 (32) 29.08.22 (33) EP
 (43) 07.03.2024
 (72) LARSEN, Morten Boberg;
 THORHAUGE, Max; OSMUNDSEN,
 Christian Mårup
 (74) Griffith Hack

(71) TRADE FABRICATION SYSTEMS LIMITED
 (11) AU-A-2023297108
 (21) 2023297108 (22) 28.06.2023
 (54) PAPER SHEET APPLICATION METHOD FOR CONSTRUCTION PANELS
 (51) Int. Cl.
B32B 37/12 (2006.01)
B32B 3/30 (2006.01)
B32B 7/12 (2006.01)
B32B 21/02 (2006.01)
B32B 21/06 (2006.01)
B32B 29/00 (2006.01)
B32B 37/06 (2006.01)
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E04C 2/16 (2006.01)
 (87) WO2024/003550
 (31) 2209651.5 (32) 30.06.22 (33) GB
 (43) 04.01.2024
 (72) MORRIS, Howard
 (74) Griffith Hack

(71) TRAILHEAD BIOSYSTEMS INC.
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 (21) 2023308792 (22) 19.05.2023
 (54) METHODS AND COMPOSITIONS FOR GENERATING HUMAN MID-BRAIN DOPAMINERGIC NEURONS FROM NEURAL PROGENITOR CELLS
 (51) Int. Cl.
C12N 5/0793 (2010.01)
 (87) WO2024/019800
 (31) 63/391,207 (32) 21.07.22 (33) US
 (43) 25.01.2024
 (72) AMINI, Nooshin
 (74) Southern Cross Intellectual Property

(71) TRAILHEAD BIOSYSTEMS INC.
 (11) AU-A-2023308949
 (21) 2023308949 (22) 21.07.2023
 (54) METHODS AND COMPOSITIONS FOR GENERATING ENDOTHELIAL CELLS FROM PLURIPOTENT STEM CELLS
 (51) Int. Cl.
C12N 5/071 (2010.01)
 (87) WO2024/020180
 (31) 63/391,208 (32) 21.07.22 (33) US
 (43) 25.01.2024
 (72) GOMES UELTSCHY, Angelica, M.
 (74) Southern Cross Intellectual Property

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 (54) METHODS AND COMPOSITIONS FOR GENERATING OLIGODENDROCYTE PROGENITOR CELLS
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C12N 5/079 (2010.01)
 (87) WO2024/063818
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 (72) AMINI, Nooshin
 (74) Southern Cross Intellectual Property

(71) TRICE MEDICAL, INC.
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 (54) PUMPING CASSETTE FOR TISSUE TREATMENT DEVICES
 (51) Int. Cl.
A61M 1/00 (2006.01)
A61B 17/20 (2006.01)
A61M 3/02 (2006.01)
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 (31) 63/367,805 (32) 06.07.22 (33) US
 (43) 11.01.2024
 (72) PATRINICOLA, Angelo Francis; VAN-LEER, Kyle Joseph; DE LA TORRE, Sam; RICHIE, Bruce J.; WOODS, Larry A.; NJAGI, Virginia W.
 (74) Griffith Hack

(71) TURBETT SURGICAL, INC.
 (11) AU-A-2023311900
 (21) 2023311900 (22) 24.07.2023
 (54) RIGID STERILIZATION SYSTEM FOR STERILIZATION
 (51) Int. Cl.
A61L 2/00 (2006.01)
A61B 50/13 (2016.01)
A61L 2/07 (2006.01)
A61L 2/20 (2006.01)
B65D 77/10 (2006.01)
B65D 77/20 (2006.01)
 (87) WO2024/020241
 (31) 63/391,431 (32) 22.07.22 (33) US
 (43) 25.01.2024
 (72) TURBETT, Robert E.
 (74) Spruson & Ferguson

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 (11) AU-A-2023292978
 (21) 2023292978 (22) 16.06.2023
 (54) LNG STORAGE BARGE WITH SHALLOW DRAUGHT
 (51) Int. Cl.
B63B 35/28 (2006.01)
B63B 25/16 (2006.01)
F17C 13/00 (2006.01)
F17C 13/04 (2006.01)
 (87) WO2023/244181
 (31) 2022901657 (32) 17.06.22 (33) AU
 (43) 21.12.2023
 (72) LAWRENCE, Geoffrey A.; HOBBS, Christopher L.
 (74) FB Rice Pty Ltd

(71) TWENTY20 ENERGY SYSTEMS PTE LTD
 (11) AU-A-2023293336
 (21) 2023293336 (22) 16.06.2023
 (54) POWER GENERATION SYSTEM
 (51) Int. Cl.
F01K 25/10 (2006.01)
B63B 25/16 (2006.01)
B63B 35/28 (2006.01)
B63B 35/44 (2006.01)
F01D 15/10 (2006.01)
F02C 3/22 (2006.01)
F02C 6/18 (2006.01)
F02C 7/224 (2006.01)
 (87) WO2023/244179
 (31) 2022901654 (32) 17.06.22 (33) AU
 (43) 21.12.2023
 (72) LAWRENCE, Geoffrey A.; HOBBS, Christopher L.
 (74) FB Rice Pty Ltd

(71) TWENTY20 ENERGY SYSTEMS PTE LTD
 (11) AU-A-2023294491
 (21) 2023294491 (22) 16.06.2023
 (54) POWER GENERATION SYSTEM
 (51) Int. Cl.
F01K 23/10 (2006.01)
B63B 25/16 (2006.01)
B63B 35/28 (2006.01)
B63B 35/44 (2006.01)
F02C 3/22 (2006.01)
F02C 6/18 (2006.01)
F02C 7/224 (2006.01)
 (87) WO2023/244180
 (31) 2022901655 (32) 17.06.22 (33) AU
 (43) 21.12.2023
 (72) LAWRENCE, Geoffrey A.; HOBBS, Christopher L.
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(71) TWENTY20 ENERGY SYSTEMS PTE LTD
 (11) AU-A-2023295122
 (21) 2023295122 (22) 16.06.2023
 (54) FLOATING POWER GENERATION SYSTEM
 (51) Int. Cl.
F01K 25/10 (2006.01)
B63B 21/00 (2006.01)
B63B 25/16 (2006.01)

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B63B 35/44 (2006.01)
F01D 15/10 (2006.01)
F02C 3/22 (2006.01)
F02C 6/18 (2006.01)
F02C 7/224 (2006.01)
(87) WO2023/244182
(31) 2022901658 **(32)** 17.06.22 **(33)** AU
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(72) LAWRENCE, Geoffrey A.; HOBBS, Christopher L.
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- (71)** UCB BIOPHARMA SRL
(11) AU-A-2023291634
(21) 2023291634 **(22)** 14.06.2023
(54) FOLLISTATIN-FC FUSION PROTEINS
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C07K 14/47 (2006.01)
A61K 38/00 (2006.01)
A61K 38/17 (2006.01)
C07K 16/18 (2006.01)
(87) WO2023/242251
(31) PCT/EP2022/066334 **(32)** 15.06.22 **(33)** EP
(43) 21.12.2023
(72) BIRTLEY, James Robert Chaves; KE-VORKIAN, Lara; MCMILLAN, David James
(74) Griffith Hack
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(21) 2023295808 **(22)** 14.06.2023
(54) CELL CULTURE PROCESSES
(51) Int. Cl.
C12P 21/02 (2006.01)
C12M 1/06 (2006.01)
C12M 1/34 (2006.01)
C12N 15/79 (2006.01)
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(74) Griffith Hack
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(11) AU-A-2023314782
(21) 2023314782 **(22)** 27.07.2023
(54) DIFFERENTIATION OF STEM CELLS IN SUSPENSION CULTURE
(51) Int. Cl.
C12N 5/0789 (2010.01)
C12N 5/0783 (2010.01)
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(31) 63/392,760 **(32)** 27.07.22 **(33)** US
(43) 01.02.2024
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- (71)** UNICHARM CORPORATION
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(21) 2023311524 **(22)** 11.07.2023
(54) PET TOILET SYSTEM
(51) Int. Cl.
A01K 1/01 (2006.01)
(87) WO2024/018954
(31) 2022-115340 **(32)** 20.07.22 **(33)** JP
(43) 25.01.2024
(72) NAKATANI Misato; SASANO Yasuhiro; KANEKO Shinya
(74) Spruson & Ferguson
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(11) AU-A-2023322099
(21) 2023322099 **(22)** 20.07.2023
(54) PLANT-BASED FROZEN CONFECTION
(51) Int. Cl.
A23G 9/32 (2006.01)
A23G 9/34 (2006.01)
A23G 9/38 (2006.01)
A23G 9/42 (2006.01)
A23L 33/185 (2016.01)
(87) WO2024/033050
(31) 22190209.1 **(32)** 12.08.22 **(33)** EP
(43) 15.02.2024
(72) ROSSETTI, Damiano; TELFORD, Julia, Helen
(74) Davies Collison Cave Pty Ltd
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(11) AU-A-2023309784
(21) 2023309784 **(22)** 19.07.2023
(54) GENETIC CODES
(51) Int. Cl.
C12N 1/20 (2006.01)
C12N 15/10 (2006.01)
C12N 15/67 (2006.01)
(87) WO2024/017956
(31) 2210580.3 **(32)** 19.07.22 **(33)** GB
2217789.3 18.10.22 GB
(43) 25.01.2024
(72) CHIN, Jason; ZURCHER, Jerome; ROBERTSON, Wesley
(74) Davies Collison Cave Pty Ltd
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(11) AU-A-2023309340
(21) 2023309340 **(22)** 17.07.2023
(54) VIRUS-LIKE PARTICLES, HETERODIMERIC CAPSID PROTEINS AND METHODS OF PRODUCTION THEREOF
(51) Int. Cl.
A61K 38/17 (2006.01)
C07K 14/005 (2006.01)
C07K 14/01 (2006.01)
C07K 14/08 (2006.01)
C07K 14/16 (2006.01)
C12N 7/04 (2006.01)
C12Q 1/68 (2018.01)
(87) WO2024/018188
(31) 2210507.6 **(32)** 18.07.22 **(33)** GB
(43) 25.01.2024
(72) FOERSTER, John
(74) SR Intellectual Property
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- (71)** VACCINVENT GMBH; UNIVERSITÄT ULM
(11) AU-A-2023313048
(21) 2023313048 **(22)** 28.07.2023
(54) IGM ANTIBODIES DEGRADING IGG
(51) Int. Cl.
C07K 16/42 (2006.01)
A61K 39/00 (2006.01)
A61P 37/00 (2006.01)
C07K 16/18 (2006.01)
C07K 16/26 (2006.01)
(87) WO2024/023346
(31) 22187672.5 **(32)** 28.07.22 **(33)** EP
(43) 01.02.2024
(72) JUMAA-WEINACHT, Hassan
(74) AJ PARK
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- (71)** VADERSTAD INDUSTRIES INC.
(11) AU-A-2023286189
(21) 2023286189 **(22)** 19.06.2023
(54) PIVOTING GROUND ENGAGING ASSEMBLY FOR SEEDERS
(51) Int. Cl.
A01C 7/20 (2006.01)
(87) WO2023/245279
(31) 63/354,155 **(32)** 21.06.22 **(33)** US
(43) 28.12.2023
(72) ESAU, Jordan
(74) FB Rice Pty Ltd
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- (71)** VANDERBILT UNIVERSITY
(11) AU-A-2023310976
(21) 2023310976 **(22)** 19.07.2023
(54) AN APPARATUS FOR ANASTOMOSING A CUT VESSEL
(51) Int. Cl.
A61B 17/11 (2006.01)
A61B 17/08 (2006.01)
(87) WO2024/020108
(31) 63/390,549 **(32)** 19.07.22 **(33)** US
(43) 25.01.2024
(72) HIGDON, Kent K.
(74) James & Wells Intellectual Property
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- (71)** VARONIS SYSTEMS, INC.
(11) AU-A-2023389800
(21) 2023389800 **(22)** 13.11.2023
(54) AUTOMATIC MANAGEMENT OF USER PERMISSIONS
(51) Int. Cl.
G06F 21/62 (2013.01)
G06F 21/60 (2013.01)
H04L 9/40 (2022.01)
G06F 21/00 (2013.01)
(87) WO2024/121836
(31) 18/078,259 **(32)** 09.12.22 **(33)** US
(43) 13.06.2024
(72) GROSSMAN, Igor; NEYSTADT, John (Eugene); GILGURT, Evgeny; CHEN, Lior; BASS, David
(74) Michael Buck IP
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- (71)** VERNET VACCHIANI, M.R.; VERNET, L.
(11) AU-A-2022470695

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(21) 2022470695 (22) 21.07.2022	(43) 25.01.2024	F03B 13/00 (2006.01)
(54) WATER ELECTROLYSIS SYSTEM AND METHOD	(72) LIAN, Brian; BARKER, Geoffrey E.; STEVENS, Erland; ENUGURTHI, Brahmachary	G01D 4/00 (2006.01)
(51) Int. Cl.	(74) Davies Collision Cave Pty Ltd	G01F 1/20 (2006.01)
C25B 1/04 (2021.01)		G01F 15/063 (2022.01)
C25B 9/63 (2021.01)		(87) WO2024/038222
C25B 9/70 (2021.01)		(31) 63/399,168 (32) 18.08.22 (33) US
H02K 1/2789 (2022.01)		18/364,988 03.08.23 US
C25B 1/50 (2021.01)		(43) 22.02.2024
(87) WO2024/019756		(72) PUKARI, Mika
(43) 25.01.2024		(74) FPA Patent Attorneys Pty Ltd
(72) VERNET VACCHIANI, Martin Ruben; CAPELLO, Jorge Adrián		
(74) Allens Patent & Trade Mark Attorneys		
(71) VESTESSEN HYBRID ENERGY APS	(71) VIRGINIA TECH INTELLECTUAL PROPERTIES, INC.; PHINIX, LLC	(71) WHISPER AERO INC.
(11) AU-A-2023314443	(11) AU-A-2023289151	(11) AU-A-2023300717
(21) 2023314443 (22) 28.07.2023	(21) 2023289151 (22) 23.06.2023	(21) 2023300717 (22) 12.06.2023
(54) METHOD AND SYSTEM FOR SUPPORTING A SYNCHRONOUS ELECTRICAL GRID	(54) GAS-ASSISTED MICROFLOW EXTRACTION (GAME) SYSTEM PATENT	(54) PROPULSOR FAN
(51) Int. Cl.	(51) Int. Cl.	(51) Int. Cl.
H02J 3/38 (2006.01)	B01D 11/02 (2006.01)	F01D 11/00 (2006.01)
H02J 3/32 (2006.01)	C02F 1/62 (2023.01)	F01D 25/24 (2006.01)
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(72) VESTESSEN, Thomas Qvist; VESTESSEN, Søren Qvist	(31) 63/354,888 (32) 23.06.22 (33) US	(43) 04.01.2024
(74) Baxter Patent Attorneys Pty Ltd	(43) 28.12.2023	(72) SUCIU, Gabriel L.; DEMPSEY, Matthew Alan; LE, Andy; JEDAMSKI, Devon; LORD, Wesley Kenneth
	(74) Griffith Hack	(74) FB Rice Pty Ltd
(71) VIKING THERAPEUTICS, INC.	(71) VMI HOLLAND B.V.	(71) WISTA LABORATORIES LTD.
(11) AU-A-2023295019	(11) AU-A-2023323901	(11) AU-A-2023286716
(21) 2023295019 (22) 14.06.2023	(21) 2023323901 (22) 10.08.2023	(21) 2023286716 (22) 06.06.2023
(54) THYROID BETA-AGONIST DOSING REGIMENS FOR THE TREATMENT OF X-ALD	(54) FLEXIBLE TABLET DISPENSING, INSPECTION AND PACKAGING SYSTEMS	(54) DIAGNOSIS OF DEMENTIA
(51) Int. Cl.	(51) Int. Cl.	(51) Int. Cl.
A61K 31/662 (2006.01)	G06Q 10/0631 (2023.01)	G06T 7/00 (2017.01)
A61P 5/14 (2006.01)	B65B 5/10 (2006.01)	(87) WO2023/247168
A61P 25/00 (2006.01)	B65B 35/00 (2006.01)	(31) 202211035327 (32) 20.06.22 (33) IN
A61P 25/28 (2006.01)	B65B 37/02 (2006.01)	(43) 28.12.2023
A61P 43/00 (2006.01)	B65B 59/04 (2006.01)	(72) WISCHIK, Claude Michel; TRIPATHI, Shailendra Mohan; MCNEIL, Christopher John; MURRAY, Alison Dorothy; SCHELTER, Bjoern Olaf; WAITER, Gordon David
(87) WO2023/245055	G06F 9/50 (2006.01)	(74) FB Rice Pty Ltd
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(72) LIAN, Brian; BARKER, Geoff	(43) 15.02.2024	
(74) Pearce IP Pty Ltd	(72) VAN VOORN, Patrick; SCHEIDE, Rogier	
	(74) Griffith Hack	
(71) VIKING THERAPEUTICS, INC.	(71) VOLKSWAGEN AG; MAN ENERGY SOLUTIONS SE INTELLECTUAL PROPERTY (PM)	(71) WOLFFKRAN HOLDING AG
(11) AU-A-2023309502	(11) AU-A-2023307298	(11) AU-A-2023296629
(21) 2023309502 (22) 18.07.2023	(21) 2023307298 (22) 06.07.2023	(21) 2023296629 (22) 28.06.2023
(54) COMPOSITIONS AND METHODS FOR THE TREATMENT OF METABOLIC AND LIVER DISORDERS	(54) METHOD FOR SEPARATING CARBON DIOXIDE FROM THE AMBIENT AIR AND FACILITY FOR CARRYING OUT SUCH A METHOD	(54) CONNECTION DEVICE FOR CONNECTING JIB SEGMENTS OF A JIB OF A TOWER CRANE
(51) Int. Cl.	(51) Int. Cl.	(51) Int. Cl.
C07K 14/605 (2006.01)	B01D 53/04 (2006.01)	B66C 23/28 (2006.01)
A61K 9/00 (2006.01)	(87) WO2024/012967	B66C 23/64 (2006.01)
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A61K 38/00 (2006.01)	(72) KAWELKE, Peter; BEHNKE, Klaus	22203025.6 21.10.22 EP
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A61K 47/54 (2017.01)		(72) HEIDRICH, Thomas; HESSENMÜLLER, Björn-Philipp; HILDENBRAND, Steffen; INGELFINGER, Wolfgang; REINHARD, Stefan; WITTECK, Patrick
A61P 1/16 (2006.01)		(74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD
A61P 3/00 (2006.01)		
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	(21) 2023326843 (22) 09.08.2023	(11) AU-A-2023295812
	(54) METHOD AND DEVICE FOR READING THE WATER METER	(21) 2023295812 (22) 14.06.2023
	(51) Int. Cl.	
	E03B 7/07 (2006.01)	

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

- (54) ANTI-SLIP MECHANISM, SAFETY BELT PROTECTION DEVICE, AND CHILD SAFETY SEAT
(51) Int. Cl.
B60N 2/28 (2006.01)
B60N 2/58 (2006.01)
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(72) GUO, Zhengwen; MO, Xiaolong;
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(74) Allens Patent & Trade Mark Attorneys
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- (71) WUHAN CREATERNA SCIENCE AND TECHNOLOGY CO., LTD.
(11) AU-A-2023319425
(21) 2023319425 (22) 31.07.2023
(54) IRAK4 INHIBITOR COMPOSITION, PREPARATION METHOD THEREFOR AND USE THEREOF
(51) Int. Cl.
A61K 31/4439 (2006.01)
A61K 9/20 (2006.01)
A61P 1/00 (2006.01)
A61P 3/00 (2006.01)
A61P 9/10 (2006.01)
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C07D 413/12 (2006.01)
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(54) NITROGEN-CONTAINING HETEROCYCLIC POLYMER, AND POLYMER FILM AND USE THEREOF
(51) Int. Cl.
C08G 61/12 (2006.01)
B01J 41/13 (2017.01)
C08J 5/22 (2006.01)
C08L 65/00 (2006.01)
H01M 8/1072 (2016.01)
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(72) LI, Ming; LIU, Junyu; LIAO, Yunlan
(74) Peng Zhang
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(21) 2023287539 (22) 19.06.2023
(54) ORALLY ACTUATED CONTROL DEVICE
(51) Int. Cl.
A61F 4/00 (2006.01)
H01H 3/14 (2006.01)
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- (87) WO2023/247811
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(43) 28.12.2023
(72) CODINA CANDEL, Narcís
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A47J 42/20 (2006.01)
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(72) XU, Shi; JIANG, Jine
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(21) 2023295072 (22) 14.06.2023
(54) CONJUGATE OF ANTI-CTLA-4 ANTIBODY ACTIVATED BY TUMOR MICROENVIRONMENT AND USE THEREOF
(51) Int. Cl.
A61K 47/60 (2017.01)
A61P 35/00 (2006.01)
C07K 5/08 (2006.01)
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(72) LIU, Chen; LIU, Yuan
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- (71) YETI COOLERS, LLC
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(21) 2023308344 (22) 14.07.2023
(54) INSULATING DEVICE
(51) Int. Cl.
A45C 11/20 (2006.01)
A45C 13/00 (2006.01)
A45C 13/10 (2006.01)
B65D 81/38 (2006.01)
(87) WO2024/015965
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(43) 18.01.2024
(72) NIXON, Ryan; MILLER, Mark D.; SULLIVAN, Derek G.; ROGERS, Kyle Edward; DOW, John Warren; HUYNH, Jenny; DESROCHES, Donald Edward; FRANKS, Chris
(74) GLMR
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- (71) YETI COOLERS, LLC
(11) AU-A-2023311126
(21) 2023311126 (22) 12.07.2023
(54) INSULATED CONTAINER
(51) Int. Cl.
A47J 41/02 (2006.01)
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- (43) 25.01.2024
(72) BULLOCK, Dustin R.; SCOTT, Steven M.; BRUNET, Colby
(74) GLMR
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- (71) ZEBAZE DJOUMESSI, M.R.
(11) AU-A-2023288052
(21) 2023288052 (22) 20.06.2023
(54) METHOD AND APPARATUS FOR DETECTING AND QUANTIFYING DISORGANIZATION (MISALIGNMENT, DISARRANGEMENT) WITHIN A MATERIAL
(51) Int. Cl.
G06T 7/00 (2017.01)
A61B 5/00 (2006.01)
A61B 6/00 (2024.01)
A61B 8/08 (2006.01)
G06T 7/40 (2017.01)
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(72) ZEBAZE DJOUMESSI, Martin Roger; NGUEMATSIA, Albert Merlin
(74) BRM Patent Attorneys Pty Ltd
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- (71) ZEROWHEEL, LLC
(11) AU-A-2023303457
(21) 2023303457 (22) 28.06.2023
(54) MOTORIZED FITNESS WHEEL
(51) Int. Cl.
A63B 22/20 (2006.01)
A63B 23/02 (2006.01)
A63B 21/005 (2006.01)
(87) WO2024/011049
(31) 17/860,892 (32) 08.07.22 (33) US
(43) 11.01.2024
(72) SINGER, Neil; SOLANKI, Pranav; SINGER, Brian; PASCH, Kenneth
(74) James & Wells Intellectual Property
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- (71) ZHEJIANG YOUNGSUN MACHINERY CO., LTD
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(21) 2023314640 (22) 03.02.2023
(54) ASYMMETRIC PACKAGING BELT
(51) Int. Cl.
B65D 63/10 (2006.01)
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(43) 01.02.2024
(72) LUO, Bangyi
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- (71) ZODIAC POOL SYSTEMS LLC
(11) AU-A-2023322424
(21) 2023322424 (22) 08.08.2023
(54) SWIMMING POOLS AND SPAS WITH POOL VISION
(51) Int. Cl.
E04H 4/14 (2006.01)
G06V 20/52 (2022.01)
(87) WO2024/035727
(31) 63/395,965 (32) 08.08.22 (33) US

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 (72) EAMES, Darin; UY, Dindo; BAUCK-MAN, Mark J.; STILES JR., Robert Warren
 (74) FB Rice Pty Ltd

(71) ZODIAC POOL SYSTEMS LLC
 (11) AU-A-2023322428
 (21) 2023322428 (22) 08.08.2023
 (54) WATER QUALITY CONTROL SYSTEMS AND METHODS FOR SWIMMING POOLS AND SPAS
 (51) Int. Cl.
E04H 4/12 (2006.01)
E04H 4/16 (2006.01)
A61H 33/00 (2006.01)
 (87) WO2024/035731
 (31) 63/395,959 (32) 08.08.22 (33) US
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 (72) EAMES, Darin; UY, Dindo; BAUCK-MAN, Mark J.; STILES JR., Robert Warren
 (74) FB Rice Pty Ltd

(71) ZODIAC POOL SYSTEMS LLC
 (11) AU-A-2023322431
 (21) 2023322431 (22) 08.08.2023
 (54) SWIMMING POOLS AND SPAS WITH WATER USAGE CONTROL
 (51) Int. Cl.
E04H 4/12 (2006.01)
E04H 4/14 (2006.01)
 (87) WO2024/035734
 (31) 63/396,054 (32) 08.08.22 (33) US
 (43) 15.02.2024
 (72) EAMES, Darin; UY, Dindo; BAUCK-MAN, Mark J.; STILES JR., Robert Warren
 (74) FB Rice Pty Ltd

(71) ZODIAC POOL SYSTEMS LLC
 (11) AU-A-2023322432
 (21) 2023322432 (22) 08.08.2023
 (54) POOL COVERS FOR SWIMMING POOLS AND SPAS
 (51) Int. Cl.
E04H 4/06 (2006.01)
F21W 131/401 (2006.01)
 (87) WO2024/035735
 (31) 63/396,045 (32) 08.08.22 (33) US
 (43) 15.02.2024
 (72) EAMES, Darin; UY, Dindo; BAUCK-MAN, Mark J.; STILES JR., Robert Warren
 (74) FB Rice Pty Ltd

(71) ZOETIS SERVICES LLC
 (11) AU-A-2023320519
 (21) 2023320519 (22) 04.08.2023
 (54) BOVINE ANTIBODY MUTANTS
 (51) Int. Cl.
A61K 39/395 (2006.01)
C07K 16/00 (2006.01)
C07K 16/18 (2006.01)
A61K 47/68 (2017.01)
 (87) WO2024/031043
 (31) 63/370,533 (32) 05.08.22 (33) US

(43) 08.02.2024
 (72) CAMPOS, Henry, Luis; STRIETZEL, Catherine, J.; BERGERON, Lisa Marie; SHANBHOGUE, Prajna
 (74) Davies Collison Cave Pty Ltd

(71) ZTE CORPORATION
 (11) AU-A-2022469628
 (21) 2022469628 (22) 15.07.2022
 (54) SLOT FORMAT CONFIGURATION FOR SMART NODES
 (51) Int. Cl.
H04W 72/04 (2023.01)
H04L 5/00 (2006.01)
 (87) WO2024/011606
 (43) 18.01.2024
 (72) XU, Hanqing; ZHANG, Nan; LI, Ziyang; CAO, Wei
 (74) Spruson & Ferguson

(71) ZTE CORPORATION
 (11) AU-A-2022473582
 (21) 2022473582 (22) 09.08.2022
 (54) SYSTEMS AND METHODS FOR DETERMINING DOWNLINK/UPLINK TIMING
 (51) Int. Cl.
H04W 28/16 (2009.01)
 (87) WO2024/031361
 (43) 15.02.2024
 (72) XU, Hanqing; ZHANG, Nan; LI, Ziyang; CAO, Wei
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Numerical Index

2022462785	BEIJING ROBOROCK TECHNOLOGY CO., LTD.	2023292291	DOW GLOBAL TECHNOLOGIES LLC; ROHM AND HAAS COMPANY
2022463293	PARAGON 28, INC.	2023292499	CORVEUS MEDICAL, INC.
2022465899	NOKIA TECHNOLOGIES OY	2023292686	RTX BBN TECHNOLOGIES INC
2022466069	SUNGROW (SHANGHAI) CO., LTD.	2023292978	TWENTY20 ENERGY SYSTEMS PTE LTD
2022468992	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	2023293019	EBARA CORPORATION
2022469159	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	2023293090	BIOVERATIV USA INC.
2022469628	ZTE CORPORATION	2023293134	SCHLUMBERGER TECHNOLOGY B.V.
2022470056	NIPPON TELEGRAPH AND TELEPHONE CORPORATION	2023293276	IOTAMOTION, INC.
2022470695	VERNET VACCHIANI, M.R.; VERNET, L.	2023293336	TWENTY20 ENERGY SYSTEMS PTE LTD
2022471265	SIEMENS ENERGY GLOBAL GMBH & CO. KG	2023293485	CYCLIC MATERIALS INC.
2022473189	IB APPLIANCES US HOLDINGS, LLC	2023294039	OXFORD UNIVERSITY INNOVATION LIMITED
2022473582	ZTE CORPORATION	2023294491	TWENTY20 ENERGY SYSTEMS PTE LTD
2023247347	CHEVRON U.S.A. INC.	2023294624	PRINCIPIA BIOPHARMA INC.
2023282871	NIESEN, C.E.	2023294689	PRINCIPIA BIOPHARMA INC.
2023283882	PEKING UNIVERSITY	2023294986	IMMUXELL BIOTECH LTD.
2023286060	SKY CP LIMITED	2023295019	VIKING THERAPEUTICS, INC.
2023286066	GLOBAL INDUSTRY PRODUCTS, CORP.	2023295072	YAFEI SHANGHAI BIOLOGY MEDICINE SCIENCE & TECHNOLOGY CO.LTD.
2023286189	VADERSTAD INDUSTRIES INC.	2023295122	TWENTY20 ENERGY SYSTEMS PTE LTD
2023286716	WISTA LABORATORIES LTD.	2023295185	MEDICAL PREDICTIVE SCIENCE CORPORATION
2023286759	LOUIS VUITTON MALLETIER SA	2023295205	O'TOOLE, D.S.; O'TOOLE, D.S.; BIEVENOUR, T.M.; SHAH, N.; HAMM, M.
2023286947	SHENZHEN RHEGEN BIOTECHNOLOGY CO., LTD.; WUHAN RHEGEN BIOTECHNOLOGY CO., LTD.	2023295233	DOW GLOBAL TECHNOLOGIES LLC; ROHM AND HAAS COMPANY
2023287079	GUANGZHOU INNOGEN PHARMACEUTICAL GROUP CO., LTD.; SHANGHAI INNOGEN PHARMACEUTICAL TECHNOLOGY CO., LTD.; SHANGHAI INNOGEN BIOMEDICAL ENGINEERING CO., LTD.	2023295265	ENSEM THERAPEUTICS, INC.
2023287250	AEM TECHNOLOGIES INC.	2023295311	AIR PRODUCTS AND CHEMICALS, INC.
2023287342	SIEMENS ENERGY GLOBAL GMBH & CO. KG	2023295313	CODAGEN BIOSCIENCES, INC.
2023287539	XPND TECHNOLOGIES, SL	2023295527	SCHLUMBERGER TECHNOLOGY B.V.
2023287542	INNOTRAFIK OY	2023295644	AKESO BIOPHARMA, INC.
2023287651	NEVIN, M.P.	2023295808	UCB BIOPHARMA SRL
2023287668	ACADIA PHARMACEUTICALS INC.	2023295812	WONDERLAND SWITZERLAND AG
2023288052	ZEBAZE DJOUMESSI, M.R.	2023296251	HITCH A DEAL PTY LTD
2023288088	HIKMA PHARMACEUTICALS USA INC.	2023296468	SIEMENS ENERGY GLOBAL GMBH & CO. KG
2023288126	ICR INTEGRITY LTD	2023296592	CYTOSINLAB THERAPEUTICS CO., LTD.
2023288459	BOEHRINGER TECHNOLOGIES, LP	2023296629	WOLFFKRAN HOLDING AG
2023288777	BROKEN STRING BIOSCIENCES LIMITED	2023296698	NUOVO PIGNONE TECNOLOGIE - S.R.L.
2023288803	OWNMED INNOVATION S.L.; FUNDACIÓN PARA LA INVESTIGACIÓN BIOMÉDICA DEL HOSPITAL GREGORIO MARAÑÓN (FIBHGM); FUNDACIÓN INSTITUTO DE INVESTIGACIÓN SANITARIA FUNDACIÓN JIMÉNEZ DÍAZ (FIIS-FJD); UNIVERSIDAD CARLOS III DE MADRID (UC3M)	2023296824	FUNDAÇÃO D. ANNA DE SOMMER CHAMPALIMAUD E DR. CARLOS MONTEZ CHAMPALIMAUD - CENTRO DE INVESTIGAÇÃO DA FUNDAÇÃO CHAMPALIMAUD
2023289121	ACADIA PHARMACEUTICALS INC.	2023296984	ARCA TECHNOLOGIES S.R.L.
2023289151	VIRGINIA TECH INTELLECTUAL PROPERTIES, INC.; PHINIX, LLC	2023297040	SCHMID-KOEMMERLING, P.; SCHMID-KÖMMERLING, C.G.; SCHMID-KÖMMERLING, A.O.
2023289237	LG ELECTRONICS INC.	2023297108	TRADE FABRICATION SYSTEMS LIMITED
2023289278	FRONTX CO., LTD.	2023297111	NUTROMICS TECHNOLOGY PTY LTD
2023289301	CHEN, S.	2023297164	NUTROMICS TECHNOLOGY PTY LTD
2023289305	THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS; ELION THERAPEUTICS, INC.	2023297786	NUOVO PIGNONE TECNOLOGIE - S.R.L.
2023289695	CHROMA MEDICINE, INC.	2023298030	THE BOEING COMPANY
2023289822	MEDSHINE DISCOVERY INC.	2023298207	NOVASTEP
2023290101	DOW GLOBAL TECHNOLOGIES LLC; ROHM AND HAAS COMPANY	2023298225	JACOBS U.K. LIMITED
2023290182	RTX BBN TECHNOLOGIES INC.	2023298288	NUTROMICS TECHNOLOGY PTY LTD
2023290487	ABLYNX NV; SANOFI	2023298289	NUTROMICS TECHNOLOGY PTY LTD
2023290523	SANOFI	2023299040	SAMYANG CORPORATION
2023290646	CILAG GMBH INTERNATIONAL	2023300100	AULTON NEW ENERGY AUTOMOBILE TECHNOLOGY CO., LTD.; SHANGHAI DIANBA NEW ENERGY TECHNOLOGY CO., LTD.
2023290939	BROUILLETTE, Y.	2023300363	BAYLOR COLLEGE OF MEDICINE; TEXAS HEART INSTITUTE; YAP THERAPEUTICS, INC.
2023291634	UCB BIOPHARMA SRL	2023300578	SKYFORA OY
2023292205	GOLIATHTECH INC.	2023300699	NUTROMICS TECHNOLOGY PTY LTD
2023292289	DOW GLOBAL TECHNOLOGIES LLC; ROHM AND HAAS COMPANY	2023300717	WHISPER AERO INC.
		2023300733	KRAJEWSKI, K.
		2023301192	SUTRO BIOPHARMA, INC.
		2023301217	BAKER HUGHES OILFIELD OPERATIONS LLC
		2023301270	NAUE GMBH & CO. KG
		2023301459	SEOUL NATIONAL UNIVERSITY R&DB FOUNDATION; INSTITUTE FOR BASIC SCIENCE

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

2023301589	NATIONAL UNIVERSITY OF SINGAPORE	2023308174	FMC CORPORATION
2023301654	DECK CLAW PTY LTD	2023308183	HATTAB GLOBAL CORP.
2023301657	DEAKIN UNIVERSITY	2023308201	ABBOTT LABORATORIES
2023301712	ARDENT UNDERGROUND PTY LTD	2023308205	BIOGEN MA INC.
2023302264	OJI HOLDINGS CORPORATION	2023308344	YETI COOLERS, LLC
2023302471	HISENSE RONSHEN (GUANGDONG) REFRIGERAT- OR CO., LTD.	2023308397	CARUS ANIMAL HEALTH LIMITED
2023302608	MERENAS TRUST REG.	2023308455	HATTAB GLOBAL CORP.
2023302870	GENERA PRINTER GMBH	2023308536	AHUJA, P.
2023302871	LEAKSTER PTY LTD	2023308563	TOOLBRO INNOVATORS, LLC
2023303026	HEIRLOOM CARBON TECHNOLOGIES, INC.	2023308640	FIBROGEN, INC.; HIFIBIO, INC.
2023303162	DIANOSIC	2023308792	TRAILHEAD BIOSYSTEMS INC.
2023303282	ANGEL GROUP CO., LTD.	2023308932	SCHLUMBERGER TECHNOLOGY B.V.
2023303457	ZEROWHEEL, LLC	2023308936	INTRINSYX BIO INC.; UNIVERSITY OF WASHING- TON
2023303508	TRICE MEDICAL, INC.	2023308945	TEXAS HEART INSTITUTE
2023303622	MINDRANK AI LTD.	2023308949	TRAILHEAD BIOSYSTEMS INC.
2023303876	MERENAS TRUST REG.	2023308992	DIGITAL BIOLOGY INC.
2023303916	NEWAMSTERDAM PHARMA B.V.	2023309007	ELI LILLY AND COMPANY
2023304252	POZNANSKY, M.C.; ZOOK, A.; ZOOK, P.; GALLAGH- ER, P.	2023309020	CORTEVA AGRISCIENCE LLC
2023304336	AGRIBODY TECHNOLOGIES, INC.	2023309161	SHENZHEN SHENXIN BIOTECHNOLOGY CO., LTD.
2023304427	INTELLIA THERAPEUTICS, INC.	2023309232	GI.ANSO 4X4 CLUB, S.A.
2023304582	NUOVO PIGNONE TECNOLOGIE - S.R.L.	2023309233	GI.ANSO 4X4 CLUB, S.A.
2023304659	ARLA FOODS AMBA	2023309336	CHAMBERLAINS AQUA SYSTEMS LIMITED
2023304691	HIKMA PHARMACEUTICALS USA INC.	2023309340	UNIVERSITY OF DUNDEE
2023304756	DONG-A ST CO., LTD.	2023309482	CENTURYLINK INTELLECTUAL PROPERTY LLC
2023305024	CDR ECO-MOVEMENT, INC.	2023309502	VIKING THERAPEUTICS, INC.
2023305168	ARBELL ENERGY LTD	2023309569	LAWRENCE EQUIPMENT, INC.
2023305421	CORNING INCORPORATED	2023309742	INVENTIO AG
2023305432	PACCAR INC	2023309784	UNITED KINGDOM RESEARCH AND INNOVATION
2023305433	GENERAL ATOMICS AERONAUTICAL SYSTEMS, INC.	2023309790	HORISONT ENERGI AS
2023305443	LOBE SCIENCES LTD.	2023310153	ABBOTT DIABETES CARE INC.
2023305453	BIOGEN MA INC.	2023310293	QINGDAO HAIER WASHING MACHINE CO., LTD.; HAIER SMART HOME CO., LTD.
2023305457	SCHLUMBERGER TECHNOLOGY B.V.	2023310356	HISEIS PTY LTD
2023305546	COHERE TECHNOLOGIES, INC.	2023310401	TIANJIN SVRUI INTELLIGENT ELECTRICAL CO., LTD.
2023305605	HOTSPOT THERAPEUTICS, INC.	2023310462	ANGEL YEAST CO., LTD
2023305611	LUNG THERAPEUTICS, LLC	2023310667	GI.ANSO 4X4 CLUB, S.A.
2023305674	ANHUI SHENG FENG BIOCHEMICAL CO., LTD	2023310686	INVENTIO AG
2023305804	BUSKE, C.	2023310698	RO TECHNOLOGIES, LLC
2023305828	TOMRA SORTING LIMITED	2023310699	DDP SPECIALTY ELECTRONIC MATERIALS US, LLC
2023305869	PRODUCTOS CITROSOL, S.A.	2023310839	JPI CONSULTING
2023306106	HUECK FOLIEN GESELLSCHAFT M.B.H.	2023310896	SHENZHEN SHENXIN BIOTECHNOLOGY CO., LTD.
2023306179	PACCAR INC	2023310908	SHI, G.
2023306232	BAE SYSTEMS CONTROLS INC.	2023310952	LESAFFRE ET COMPAGNIE
2023306240	IDEXX LABORATORIES, INC.	2023310976	VANDERBILT UNIVERSITY
2023306440	GENEQUANTUM HEALTHCARE (SUZHOU) CO., LTD.	2023310988	O&M HALYARD INC.
2023306896	BLUE BUFFALO ENTERPRISES, INC.	2023311126	YETI COOLERS, LLC
2023306917	MAAT ENERGY COMPANY	2023311162	INVENTIO AG
2023306965	INTERDIGITAL PATENT HOLDINGS, INC.	2023311195	SCHLUMBERGER TECHNOLOGY B.V.
2023306968	CZERO, INC.	2023311237	NEVADA RESEARCH & INNOVATION CORPORA- TION; BOARD OF REGENTS OF THE NEVADA SYS- TEM OF HIGHER EDUCATION, ON BEHALF OF THE UNIVERSITY OF NEVADA, RENO
2023306972	APPLIED RESEARCH ASSOCIATES, INC.	2023311238	TECHTRONIC FLOOR CARE TECHNOLOGY LIM- ITED
2023306980	ARKEA BIO CORP.	2023311270	INVENTIO AG
2023307031	JOINT BIOSCIENCES (SH) LTD.	2023311337	CYTOKINETICS, INCORPORATED
2023307063	CONSTELLATION PHARMACEUTICALS, INC.	2023311352	ENLIGHTENED SOIL CORP
2023307177	LOW TECH TOY CLUB, LLC D/B/A THE WOOBLES	2023311397	BAE SYSTEMS PLC
2023307270	DORMAKABA DEUTSCHLAND GMBH	2023311477	THE JOHNS HOPKINS UNIVERSITY
2023307298	VOLKSWAGEN AG; MAN ENERGY SOLUTIONS SE INTELLECTUAL PROPERTY (PM)	2023311483	INTEGRATED FIRE SYSTEMS (PTY) LIMITED
2023307475	PHILIP MORRIS PRODUCTS S.A.	2023311524	UNICHARM CORPORATION
2023307608	AHUJA, P.	2023311687	SAMSUNG ELECTRONICS CO., LTD.
2023307770	IUCF-HYU (INDUSTRY-UNIVERSITY COOPERATION FOUNDATION HANYANG UNIVERSITY)	2023311882	LONGEVITI NEURO SOLUTIONS LLC
2023307893	PHOS GLOBAL ENERGY SOLUTIONS, INC.	2023311900	TURBETT SURGICAL, INC.
2023307910	PACCAR INC	2023311964	RENAGADE THERAPEUTICS MANAGEMENT INC.
2023307911	PACCAR INC	2023312026	BYD COMPANY LIMITED
2023307912	PACCAR INC	2023312052	SCHLUMBERGER TECHNOLOGY B.V.
2023307937	AUTONOMOUS THERAPEUTICS, INC.	2023312199	GEA FARM TECHNOLOGIES GMBH
2023308027	GI.ANSO 4X4 CLUB, S.A.	2023312259	BAE SYSTEMS PLC
2023308033	CRE-A-SOLVE AG	2023312582	NINGBO BABY FIRST BABY PRODUCTS CO., LTD.
2023308107	BYD COMPANY LIMITED		
2023308137	RESILIUN B.V.; BIOTEMPT B.V.		

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

2023312948	PAUL WURTH S.A.	2023322356	LIMACORPORATE S.P.A.
2023312991	FMC KONGSBERG SUBSEA AS	2023322371	NOKIA TECHNOLOGIES OY
2023313014	SOCIPRA SCIENCES ET GÉNIE S.E.C.; CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS); ECOLE NORMALE SUPERIEURE DE LYON	2023322424	ZODIAC POOL SYSTEMS LLC
2023313035	NANOBIOTIX	2023322428	ZODIAC POOL SYSTEMS LLC
2023313048	VACCINVENT GMBH; UNIVERSITÄT ULM	2023322431	ZODIAC POOL SYSTEMS LLC
2023313329	NANOBIOTIX	2023322432	ZODIAC POOL SYSTEMS LLC
2023313330	GENECODE	2023322576	SARTORIUS STEDIM BIOTECH GMBH
2023313331	GENECODE	2023322667	BACOPA AG
2023313512	SHILPA MEDICARE LIMITED	2023323418	BP P.L.C.
2023313752	CHIANG MAI UNIVERSITY	2023323422	BP P.L.C.
2023314443	VESTESSEN HYBRID ENERGY APS	2023323667	DOC MARTIN'S OF MAUI
2023314522	TAURUS GMBH & CO.KG	2023323732	NORTHROP GRUMMAN SYSTEMS CORPORATION
2023314600	COMPASS PATHFINDER LIMITED	2023323878	REMYND N.V.
2023314631	ELUCENT MEDICAL, INC.	2023323901	VMI HOLLAND B.V.
2023314640	ZHEJIANG YOUNGSUN MACHINERY CO., LTD	2023324028	THERIVA BIOLOGICS, INC.
2023314782	UMOJA BIOPHARMA, INC.	2023324047	RAYTHEON COMPANY
2023314817	PV INDUSTRIES PTY LTD	2023324055	RAYTHEON COMPANY
2023314866	SIEMENS ENERGY AS	2023324854	OLEMA PHARMACEUTICALS, INC.
2023314873	PAUL WURTH S.A.	2023324856	OLEMA PHARMACEUTICALS, INC.
2023314968	FMC KONGSBERG SUBSEA AS	2023324857	OLEMA PHARMACEUTICALS, INC.
2023314969	FMC KONGSBERG SUBSEA AS	2023325077	JASPER THERAPEUTICS, INC.
2023315287	MOHIDEEN, F.A.	2023325144	MERCK SHARP & DOHME LLC; WERTHENSTEIN BIOPHARMA GMBH
2023315762	IMMUNITYBIO, INC.	2023326320	RAYTHEON COMPANY
2023315774	FORUM US, INC.	2023326843	WAUMER OY
2023315778	BIOSTEM TECHNOLOGIES, INC.	2023327169	TOKAI OPTICAL CO.,LTD.
2023315785	AVENT, INC.	2023327779	FOWLER, O.J.A.
2023315794	SCEPTER US HOLDING COMPANY	2023327817	CALIAN GNSS LTD.
2023315921	SIEMENS ENERGY GLOBAL GMBH & CO. KG	2023327858	INXMED (NANJING) CO., LTD.
2023316006	THYSSENKRUPP STEEL EUROPE AG	2023329104	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
2023316471	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	2023329173	REARDON, R.J.F.
2023316566	AGENSYS, INC.; SEAGEN INC.; MERCK SHARP & DOHME LLC	2023329907	CUMULUS DIGITAL SYSTEMS, INC.
2023316574	COMPASS PATHFINDER LIMITED	2023330083	IB APPLIANCES US HOLDINGS, LLC
2023316739	FMC KONGSBERG SUBSEA AS	2023330153	SLINGSHOT BIOSCIENCES, INC.
2023316765	BEIERSDORF AG	2023330769	LEXMARK INTERNATIONAL, INC.
2023316792	PENNY PIXEL, INC.	2023330770	LEXMARK INTERNATIONAL, INC.
2023317269	INDORAMA VENTURES OXIDES LLC	2023330893	ASTELLAS INSTITUTE FOR REGENERATIVE MEDICINE
2023317307	NIPPON LIGHT METAL COMPANY, LTD.	2023331140	MEASURE-IPR APS
2023317328	MITSUBISHI HEAVY INDUSTRIES THERMAL SYSTEMS, LTD.	2023331618	AHUJA, P.
2023317586	BOARD OF SUPERVISORS OF LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE; THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM	2023331794	TOPSOE A/S
2023317738	DYNVEO	2023331977	PAUL WURTH S.A.
2023317765	CHIESI FARMACEUTICI S.P.A.	2023331999	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
2023318343	RAPID GRANULATOR AB	2023332002	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
2023318746	PROBIOETNA S.R.L.	2023332144	HAMEUR
2023319049	SYNGENTA CROP PROTECTION AG	2023332832	QINGDAO KINGAGROOT SEED SCIENCE CO., LTD.
2023319088	POLOPO LTD.	2023337469	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
2023319425	WUHAN CREATERNA SCIENCE AND TECHNOLOGY CO., LTD.	2023338886	IB APPLIANCES US HOLDINGS, LLC
2023319443	BYD COMPANY LIMITED	2023343744	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
2023319978	BOARD OF SUPERVISORS OF LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE	2023345265	TRAILHEAD BIOSYSTEMS INC.
2023320157	LIPOSCIENCE, INC.	2023352162	KOMATSU LTD.
2023320387	24M TECHNOLOGIES, INC.	2023352163	KOMATSU LTD.
2023320411	INDIANA UNIVERSITY RESEARCH AND TECHNOLOGY CORPORATION	2023366063	XU, S.; JIANG, J.
2023320493	CYTOKINETICS, INCORPORATED	2023368490	RAKUTEN SYMPHONY, INC.
2023320497	BIOTEX, INC.	2023372084	CYTOSITE BIOPHARMA INC.
2023320519	ZOETIS SERVICES LLC	2023377630	SUNGROW POWER SUPPLY CO., LTD.
2023321605	GB002, INC.	2023378616	FLOCKOFF, LLC
2023321825	RAYTHEON COMPANY	2023380652	WUHAN LIMO TECHNOLOGY CO., LTD
2023321889	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	2023382736	ARCHER AVIATION INC.
2023322004	CAPRA BIOSCIENCES, INC.	2023389800	VARONIS SYSTEMS, INC.
2023322099	UNILEVER IP HOLDINGS B.V.	2023404735	SHENZHEN PHOTONX TECHNOLOGY CO., LTD.
		2023407206	ROOBUCK PTY LTD
		2023411990	COFCO CHONGZUO SUGAR CO., LTD.; COFCO NUTRITION & HEALTH RESEARCH INSTITUTE CO., LTD.
		2023414035	PANGANG GROUP PANZHILHUA IRON & STEEL RESEARCH INSTITUTE CO., LTD.
		2023414816	SAMYANG CORPORATION
		2023427722	KIMURA, F.
		2023428240	MARSHAL, F.
		2023432223	JIANGSU ADVANCED CONSTRUCTION MACHINERY INNOVATION CENTER LTD.

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

2023433777	GOOGLE LLC
2023446716	PT QMB NEW ENERGY MATERIALS; PT ESG NEW ENERGY MATERIAL; GEM CO., LTD.; PT GEM IN-DONESIA NEW ENERGY MATERIALS
2023446719	PT QMB NEW ENERGY MATERIALS; PT ESG NEW ENERGY MATERIAL; GEM CO., LTD.; PT GEM IN-DONESIA NEW ENERGY MATERIALS
2023446720	PT ESG NEW ENERGY MATERIAL; PT QMB NEW ENERGY MATERIALS; GEM CO., LTD.; PT GEM IN-DONESIA NEW ENERGY MATERIALS
2023446723	PT ESG NEW ENERGY MATERIAL; PT QMB NEW ENERGY MATERIALS; GEM CO., LTD.; PT GEM IN-DONESIA NEW ENERGY MATERIALS
2023446732	PT ESG NEW ENERGY MATERIAL; PT QMB NEW ENERGY MATERIALS; GEM CO., LTD.; PT GEM IN-DONESIA NEW ENERGY MATERIALS
2023447027	NORAM ELECTROLYSIS SYSTEMS INC.
2024205520	CULLIS-HILL, S.D.
2024207987	1INCH LIMITED; BUKOV, A.; KUNZ, S.
2024218399	1INCH LIMITED; BUKO, A.; KUNZ, S.
2024246451	SAMOA INDUSTRIAL, S.A.
2024257276	CHINT LOW VOLTAGE ELECTRICAL TECHNOLOGY CO., LTD.
2024273120	CHINT LOW VOLTAGE ELECTRICAL TECHNOLOGY CO., LTD.
2024278438	THE CATHOLIC UNIVERSITY OF KOREA INDUSTRY-ACADEMIC COOPERATION FOUNDATION
2024278469	CATOI, P.B.
2024287275	GENESYS CLOUD SERVICES, INC.
2024287277	KAIMI BIOMEDICINE (CHENGDU) CO., LTD.

IPC Index

<u>A01B 79 I/-</u>	<u>A01P 13 I/-</u>	<u>A23L 13 I/-</u>	<u>A47B 95 I/-</u>	<u>A61B 3 I/-</u>	<u>A61J 1 I/-</u>
2023310908	2023308174	2023301589	2023297040	2024278438	2023304691
<u>A01C 21 I/-</u>	<u>A01P 21 I/-</u>	<u>A23L 2 I/-</u>	<u>A47B 96 I/-</u>	<u>A61B 34 I/-</u>	<u>A61K 31 I/-</u>
2023309020	2023308936	2023329104	2023297040	2022463293	2023282871
<u>A01C 7 I/-</u>	<u>A01P 3 I/-</u>	<u>A23L 27 I/-</u>	<u>A47G 29 I/-</u>	2023293276	2023286947
2023286189	2023319049	2023299040	2023295205	2023310839	2023287668
<u>A01G 18 I/-</u>	<u>A21B 1 I/-</u>	<u>A23L 29 I/-</u>	<u>A47J 27 I/-</u>	2023314631	2023289121
2023308936	2023338886	2023299040	2023330083	<u>A61B 42 I/-</u>	2023294624
<u>A01G 33 I/-</u>	<u>A21C 15 I/-</u>	<u>A23L 33 I/-</u>	<u>A47J 36 I/-</u>	2023310988	2023295019
2023311352	2023309569	2023322099	2023330083	<u>A61B 5 I/-</u>	2023295265
<u>A01H 5 I/-</u>	<u>A21C 9 I/-</u>	<u>A23L 5 I/-</u>	<u>A47J 37 I/-</u>	2023288052	2023295313
2023319088	2023309569	2023338886	2022473189	2023295185	2023296592
2023332832	<u>A23C 1 I/-</u>	<u>A23L 7 I/-</u>	2023296251	2023297111	2023300363
<u>A01H 6 I/-</u>	2023304659	2023329104	2023338886	2023297164	2023303622
2023319088	<u>A23C 9 I/-</u>	<u>A23N 7 I/-</u>	<u>A47J 41 I/-</u>	2023298288	2023303916
2023332832	2023304659	2023305828	2023311126	2023298289	2023304691
<u>A01J 5 I/-</u>	2023310462	<u>A23P 10 I/-</u>	<u>A47J 42 I/-</u>	2023300699	2023304756
2023312199	<u>A23D 7 I/-</u>	2023329104	2023366063	2023310153	2023305443
<u>A01K 1 I/-</u>	2023331999	<u>A23P 30 I/-</u>	<u>A47J 43 I/-</u>	2023311882	2023305453
2023311524	<u>A23D 9 I/-</u>	2023306896	<u>A47L 11 I/-</u>	2023314600	2023305605
<u>A01K 67 I/-</u>	2023331999	<u>A24D 1 I/-</u>	2022462785	2023316574	2023307063
2023325077	2023332002	2023307475	<u>A47L 13 I/-</u>	2023428240	2023308205
<u>A01M 29 I/-</u>	<u>A23F 5 I/-</u>	<u>A24D 3 I/-</u>	2023308033	<u>A61B 50 I/-</u>	2023311337
2023378616	2023329104	2023307475	<u>A47L 7 I/-</u>	2023310988	2023313330
<u>A01N 25 I/-</u>	<u>A23G 1 I/-</u>	<u>A42B 3 I/-</u>	2023311238	2023311900	2023313331
2023308936	2023329104	2023308536	<u>A47L 9 I/-</u>	<u>A61B 6 I/-</u>	2023316471
2023319049	<u>A23G 9 I/-</u>	2023331618	2023311238	2023320493	2023319425
<u>A01N 37 I/-</u>	2023322099	2023407206	<u>A61B 17 I/-</u>	2023321605	2023320411
2023319049	<u>A23K 10 I/-</u>	<u>A45B 23 I/-</u>	2023288459	2023323878	2023324854
<u>A01N 43 I/-</u>	2023310952	2023287651	2023290646	2023324856	2023324857
2023308174	<u>A23K 20 I/-</u>	<u>A45C 11 I/-</u>	2023292499	2023327858	2024205520
2023319049	2023310952	2023308344	2023293276	<u>A61K 33 I/-</u>	
<u>A01N 45 I/-</u>	2023310952	<u>A45C 13 I/-</u>	2023298207	2023310988	2023313035
2023319049	<u>A23K 40 I/-</u>	2023286759	2023303162	2023311882	2023313329
<u>A01N 63 I/-</u>	2023306896	2023308344	2023303508	<u>A61B 90 I/-</u>	
2023308397	<u>A23K 50 I/-</u>	<u>A45C 5 I/-</u>	2023310976	2023290646	<u>A61K 35 I/-</u>
2023308936	2023306896	2023286759	2023314522	2023303162	2023301589
<u>A01P 1 I/-</u>	2023310952	2023286759	2023322356	<u>A61F 2 I/-</u>	2023307031
2023308397			<u>A61B 18 I/-</u>	2023315762	2023315778
			2023292499	2023318746	
			2023308945	<u>A61K 36 I/-</u>	
			2023315785	2023310952	<u>A61K 38 I/-</u>
				<u>A61F 4 I/-</u>	
				2023287539	
				<u>A61F 5 I/-</u>	
				2023288803	2023287079
				2023303162	2023290487
				<u>A61F 9 I/-</u>	2023291634
				2024278438	2023294039
				<u>A61H 33 I/-</u>	2023304252
				2023322428	2023305611
					2023308137
					2023309340
					2023309502
					2023320411
					2023321605

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

2023322667	2023309161	<u>A61N 2 /-</u>	<u>A61P 35 /-</u>		<u>B01J 19 /-</u>
2023324028	2023309502			<u>A62C 35 /-</u>	
2023325144	2023311337	2023301589	2023283882	2023311483	2023303026
<u>A61K 39 /-</u>	2023313035	<u>A61P 1 /-</u>	2023294986		2023306917
	2023313329		2023295072	<u>A62C 4 /-</u>	<u>B01J 20 /-</u>
2023290523	2023313512	2023309502	2023295265	2023315794	2023302608
2023293090	2023315778	2023319425	2023295644		
2023294986	2023319425	2023320411	2023296592	<u>A62C 5 /-</u>	<u>B01J 23 /-</u>
2023295644	2023320493	<u>A61P 11 /-</u>	2023301192	2023311483	2023306968
2023304252	2023321605		2023301589		
2023306980	2023322667	2023286947	2023304756	<u>A63B 21 /-</u>	<u>B01J 3 /-</u>
2023308640	<u>A61L 2 /-</u>	2023319425	2023305605	2023303457	2023293134
2023309007		<u>A61P 13 /-</u>	2023306440		2023295527
2023310896	2023311900		2023307031	<u>A63B 22 /-</u>	<u>B01J 4 /-</u>
2023313048	<u>A61M 1 /-</u>	2023318746	2023307063	2023303457	
2023315762		<u>A61P 15 /-</u>	2023308640		2023306917
2023316566	2023288459		2023313331	<u>A63B 23 /-</u>	<u>B01J 41 /-</u>
2023320519	2023303508	<u>A61P 17 /-</u>	2023315762	2023303457	
2023324028	<u>A61M 11 /-</u>	2023318746	2023316566		2023380652
2023327858		<u>A61P 19 /-</u>	2023319425	<u>A63B 67 /-</u>	<u>B01J 8 /-</u>
2024287277	2023295185		2023322667	2023286066	
<u>A61K 45 /-</u>	<u>A61M 15 /-</u>	2023316765	2023324028	<u>A63F 1 /-</u>	<u>B01L 3 /-</u>
		2023322667	2023324854	2023303282	2023329173
2023287079	<u>A61M 16 /-</u>	<u>A61P 21 /-</u>	2023324856	<u>A63F 9 /-</u>	<u>B02C 13 /-</u>
2023311337			2023324857		
2023320493	2023317765	<u>A61P 25 /-</u>	2023327858	2023286066	2023314817
2023321605	<u>A61M 25 /-</u>		2023372084	<u>A63H 33 /-</u>	<u>B02C 18 /-</u>
2023372084		2023319425	2024287277		
<u>A61K 47 /-</u>	2023295185	<u>A61P 27 /-</u>	<u>A61P 37 /-</u>	2023303282	<u>B01L 3 /-</u>
	<u>A61M 27 /-</u>				2023329173
2023283882		2023311237	2023294624	<u>A63F 9 /-</u>	<u>B02C 13 /-</u>
2023286947	<u>A61M 27 /-</u>		2023304252		
2023288088	2023292499	<u>A61P 25 /-</u>	2023305453	2023286066	2023314817
2023289305	2023320497		2023313048	<u>A63H 33 /-</u>	<u>B02C 18 /-</u>
2023293090	<u>A61M 27 /-</u>	2023283882	2023319425		
2023295072		2023287668	2024287277	2023286066	2023314817
2023301192	2023428240	2023289121	<u>A61P 39 /-</u>	<u>B01D 1 /-</u>	2023318343
2023304252	<u>A61M 3 /-</u>	2023295019	2023316765		<u>B04B 5 /-</u>
2023304691		2023303622	<u>A61P 43 /-</u>	2023303026	
2023305611	2023303508	2023304756		<u>B01D 11 /-</u>	2023322576
2023306440	<u>A61M 37 /-</u>	2023305443	2023295019		<u>B04B 9 /-</u>
2023309161		2023308205	2023313035	2023289151	
2023309502		2023313329	2023313330	2023293485	2023322576
2023311477	2023297111	2023313331	<u>A61P 5 /-</u>	<u>B01D 12 /-</u>	<u>B07B 1 /-</u>
2023316566	2023297164	2023323878		2023446723	
2023320411	2023298288	2024205520	2023295019	<u>B01D 3 /-</u>	2023329173
2023320519	2023298289	<u>A61P 3 /-</u>	2023324854		<u>B09B 3 /-</u>
2023411990	2023300699		<u>A61P 9 /-</u>	2023303026	2023314817
<u>A61K 48 /-</u>	<u>A61M 39 /-</u>	2023303622		<u>B01D 39 /-</u>	<u>B22F 10 /-</u>
		2023308137	2023283882		
2023310896	2023320497	2023309502	2023300363	2023305421	2023298030
2023311237	2023428240	2023319425	2023303916	<u>B01D 46 /-</u>	<u>B22F 7 /-</u>
<u>A61K 51 /-</u>	<u>A61M 5 /-</u>	2023320411	2023311337		
		2023325144	2023319425	2023305421	2023298030
2023283882	2023298288	<u>A61P 31 /-</u>	2023320493		<u>B28B 1 /-</u>
2023372084	2023300699		2023321605	2023447027	2023287250
<u>A61K 8 /-</u>	<u>A61N 1 /-</u>	2023286947	<u>A61Q 17 /-</u>		
		2023289305		<u>B01D 53 /-</u>	
2023316765	2023293276	2023304252	2023323667	2023303026	<u>B23K 35 /-</u>
2023323667	2023297111	2023310896	<u>A61Q 19 /-</u>	2023307298	2023298030
<u>A61K 9 /-</u>	2023297164	2023310952		<u>B01D 61 /-</u>	
	2023298288	2023316765	2023316765		
2023286947	2023298289	2023318746			
2023288088	2023300699	2024287277	<u>A62C 3 /-</u>		
2023304691	2023315785				
2023306980			2023315794		

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

<u>B28B 7 /-</u>	<u>B33Y 80 /-</u>	<u>B64C 13 /-</u>	<u>B65D 25 /-</u>	<u>B82B 3 /-</u>	<u>C04B 103 /-</u>
2023308563	2023302870	2023326320	2023338886	2023303876	2023312052
<u>B29C 33 /-</u>	<u>B33Y 99 /-</u>	<u>B64D 1 /-</u>	<u>B65D 47 /-</u>	<u>B82Y 30 /-</u>	<u>C04B 111 /-</u>
2023310698	2023321825	2023305433	2023300733	2023303876	2023312052
<u>B29C 45 /-</u>	<u>B42D 25 /-</u>	<u>B64D 3 /-</u>	<u>B65D 6 /-</u>	<u>B82Y 40 /-</u>	<u>C04B 22 /-</u>
2023314866	2023306106	2023305433	2023286759	2023303876	2023312052
<u>B29C 49 /-</u>	<u>B60H 1 /-</u>	<u>B64D 39 /-</u>	<u>B65D 63 /-</u>	<u>C01B 3 /-</u>	<u>C04B 28 /-</u>
2023308455	2023306179	2023305433	2023314640	2023306917	2023312052
<u>B29C 64 /-</u>	<u>B60J 1 /-</u>	<u>B64D 5 /-</u>	<u>B65D 65 /-</u>	2023306968	<u>C04B 35 /-</u>
2023302870	2023310698	2023305433	2023302264	2023323418	2023287250
<u>B29C 65 /-</u>	<u>B60J 7 /-</u>	<u>B64F 1 /-</u>	<u>B65D 75 /-</u>	<u>C01B 32 /-</u>	<u>C04B 38 /-</u>
2023314866	2023308027	2023295205	2023300733	2023293134	2023305421
<u>B29D 11 /-</u>	2023309232	<u>B64F 5 /-</u>	<u>B65D 77 /-</u>	2023295527	<u>C05C 11 /-</u>
2023310698	2023309233	2023306232	2023311900	2023302608	2023308936
<u>B29D 12 /-</u>	2023310667	<u>B64G 1 /-</u>	<u>B65D 81 /-</u>	2023303876	<u>C05C 3 /-</u>
2023302870	<u>B60K 1 /-</u>	2023306972	2023308344	2023321889	2023309020
<u>B29L 12 /-</u>	2023297786	<u>B64G 3 /-</u>	<u>B65D 85 /-</u>	<u>C01C 1 /-</u>	<u>C05F 11 /-</u>
2023302870	2023300100	2023306972	2023299040	2023296468	2023303876
<u>B32B 21 /-</u>	2023382736	<u>B64U 50 /-</u>	2023320497	<u>C01F 17 /-</u>	<u>C05G 3 /-</u>
2023297108	<u>B60L 50 /-</u>	2023382736	2023337469	2023293485	2023309020
<u>B32B 27 /-</u>	<u>B60L 53 /-</u>	<u>B64U 70 /-</u>	2023343744	<u>C01F 7 /-</u>	<u>C07C 1 /-</u>
2023301270	<u>B60N 2 /-</u>	2023305433	<u>B65G 15 /-</u>	2023317307	2023323418
2023302264	2023295812	<u>B65B 27 /-</u>	2023295205	<u>C01G 1 /-</u>	2023323422
2023310698	2023312582	2023308183	2023309569	2023293485	<u>C07C 219 /-</u>
<u>B32B 29 /-</u>	<u>B60W 10 /-</u>	<u>B65B 35 /-</u>	<u>B65H 29 /-</u>	<u>C01G 49 /-</u>	2023286947
2023297108	2023306232	2023323901	2023296984	2023293485	2023309161
2023302264	<u>B62D 21 /-</u>	<u>B65B 37 /-</u>	<u>B66B 1 /-</u>	<u>C02F 1 /-</u>	<u>C07C 229 /-</u>
<u>B32B 3 /-</u>	2023319443	2023323901	2023296984	2023289151	2023286947
2023297108	<u>B63B 21 /-</u>	<u>B65B 5 /-</u>	2023295205	2023309742	<u>C07C 233 /-</u>
2023301270	2023295122	2023323901	2023309742	2023305804	2023289121
<u>B32B 37 /-</u>	<u>B63B 25 /-</u>	<u>B65D 1 /-</u>	2023311162	<u>C02F 101 /-</u>	2023323878
2023297108	2023292978	<u>B65B 59 /-</u>	<u>B66B 11 /-</u>	2023289151	<u>C07C 251 /-</u>
<u>B32B 5 /-</u>	2023293336	2023323901	2023311270	<u>C03B 19 /-</u>	2023295313
2023301270	2023294491	<u>B65D 21 /-</u>	<u>B66B 17 /-</u>	2023305421	<u>C07C 29 /-</u>
<u>B32B 7 /-</u>	2023295122	2023308183	2023295205	<u>C03C 10 /-</u>	2023323418
2023297108	<u>B63B 35 /-</u>	2023308455	<u>B66C 23 /-</u>	2023305421	2023323422
2023301270	2023292978	<u>B65D 21 /-</u>	2023296629	<u>C03C 11 /-</u>	<u>C07C 323 /-</u>
2023310698	2023293336	2023308183	<u>B66F 7 /-</u>	2023305421	2023286947
<u>B33Y 70 /-</u>	2023294491	2023308455	2023290939	<u>C03C 14 /-</u>	<u>C07C 45 /-</u>
2023298030	2023295122	2023289301		2023305421	2023331794
	<u>B63H 16 /-</u>				
	2023289301				

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

<u>C07C 47 I/-</u>	<u>C07D 409 I/-</u>	<u>C07H 1 I/-</u>	<u>C08G 61 I/-</u>	<u>C11D 3 I/-</u>	<u>C12P 13 I/-</u>
2023331794	2023304756	2023304659 2023411990 2023414816	2023380652	2023290101 2023292289 2023292291 2023295233	2023317738
<u>C07C 59 I/-</u>	<u>C07D 413 I/-</u>	<u>C07H 17 I/-</u>	<u>C08G 63 I/-</u>		<u>C12P 21 I/-</u>
2023294689 2023305443	2023304756 2023305674 2023308174	2023289305	2023317586		2023295808
<u>C07D 207 I/-</u>	2023308205 2023313331 2023319425	<u>C07H 21 I/-</u>	<u>C08J 5 I/-</u>	<u>C12M 1 I/-</u>	<u>C12Q 1 I/-</u>
2023282871		2023300363 2023311237	2023380652	2023295808 2023311352 2023319978 2023322004	2023288777 2023301459 2023306240 2023308992 2023309340 2023313752 2023319978
<u>C07D 209 I/-</u>	<u>C07D 417 I/-</u>	<u>C07H 3 I/-</u>	2023380652	<u>C12N 1 I/-</u>	<u>C12R 1 I/-</u>
2023305443	2023296592 2023304756 2023305453 2023308174 2023323878	2023304659 2023411990 2023414816	<u>C08L 71 I/-</u>	2023309784 2023311352 2023318746	2023317738
<u>C07D 213 I/-</u>		<u>C07K 14 I/-</u>	<u>C09B 1 I/-</u>	<u>C12N 15 I/-</u>	<u>C13K 5 I/-</u>
2023287668 2023289121 2023294689	<u>C07D 471 I/-</u>	2023287079 2023289695 2023291634 2023294039 2023294986 2023296824 2023304252 2023304336 2023306980 2023307031 2023309340 2023309502 2023315762 2023319088 2023332832	2023306968	2023289695 2023294986 2023295644 2023295808 2023296824 2023300363 2023301459 2023304336 2023304427 2023306980 2023307937 2023308992 2023309784 2023310896 2023311237 2023311964 2023319088 2023325077 2023332832 2024287277	2023304659
<u>C07D 231 I/-</u>	2023294689 2023296592 2023305605 2023324854 2023324856 2023324857		<u>C09K 11 I/-</u>		<u>C21B 11 I/-</u>
2023289121 2023295265			2023293134 2023295527		2023316006
<u>C07D 233 I/-</u>			<u>C09K 8 I/-</u>		<u>C21B 13 I/-</u>
2023287668	<u>C07D 487 I/-</u>		2023311195 2023312052		2023316006
<u>C07D 241 I/-</u>	2023294624 2023296592 2023304756 2023308205 2023313330 2023313331 2023323878		<u>C10B 41 I/-</u>		<u>C21B 5 I/-</u>
2023294689 2023313330			2023302608		2023331977
<u>C07D 285 I/-</u>		<u>C07K 16 I/-</u>	<u>C10B 47 I/-</u>		<u>C21B 7 I/-</u>
2023323878		2023283882 2023290487 2023291634 2023293090 2023295644 2023306440 2023308640 2023309007 2023313048 2023316566 2023320519 2023324028	2023302608		2023331977
<u>C07D 295 I/-</u>	<u>C07D 491 I/-</u>		<u>C10B 53 I/-</u>		<u>C21C 5 I/-</u>
2023286947 2023290101 2023292291 2023313331	2023296592 2023305453 2023324857		2023302608		2023316006
<u>C07D 305 I/-</u>	<u>C07D 493 I/-</u>		<u>C10G 1 I/-</u>	<u>C12N 5 I/-</u>	<u>C21D 8 I/-</u>
2023287668	2023305453		2023247347 2023302608	2023294986 2023301589 2023308792 2023308949 2023314782 2023315762 2023315778 2023319978 2023325077 2023330893 2023345265	2023414035
<u>C07D 333 I/-</u>	<u>C07D 495 I/-</u>		<u>C10G 2 I/-</u>		<u>C22B 1 I/-</u>
2023287668	2023324857		2023323418 2023323422		2023293485 2023446732
<u>C07D 401 I/-</u>	<u>C07D 498 I/-</u>	<u>C07K 19 I/-</u>	<u>C10G 47 I/-</u>		<u>C22B 11 I/-</u>
2023296592 2023303916 2023304756 2023305453 2023308205	2023305453 2023313330	2023287079 2023304252 2024287277	2023247347		2023287342
<u>C07D 403 I/-</u>	<u>C07D 513 I/-</u>	<u>C07K 5 I/-</u>	<u>C10K 1 I/-</u>	<u>C12N 7 I/-</u>	<u>C22B 23 I/-</u>
2023295265 2023304756	2023305453	2023295072	2023302608	2023307031 2023309340	2023446716 2023446719 2023446720 2023446723 2023446732
<u>C07D 405 I/-</u>	<u>C07D 519 I/-</u>	<u>C07K 7 I/-</u>	<u>C11B 1 I/-</u>	<u>C12N 9 I/-</u>	<u>C22B 3 I/-</u>
2023303622 2023305453 2023308205	2023289822 2023296592 2023305453 2023308205	2023307031 2023325144	2023331999 2023332002	2023289695 2023308992 2023311477 2023311964 2023317738 2023324028 2023325144 2024287277	2023307770 2023446716 2023446719 2023446720 2023446723 2023446732
	<u>C07F 9 I/-</u>	<u>C08F 120 I/-</u>	<u>C11B 5 I/-</u>		
	2023305453	2023330153	2023331999		
			<u>C11D 11 I/-</u>		
			2023295233		

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

<u>C22B 47 I/-</u>	<u>D21H 19 I/-</u>	<u>E21B 23 I/-</u>	<u>F01D 3 I/-</u>	<u>F04D 29 I/-</u>	<u>F25J 1 I/-</u>
2023446732	2023302264	2023301217 2023315774	2023296698	2023293019 2023296698	2023304582
<u>C22B 59 I/-</u>	<u>E01C 11 I/-</u>	<u>E21B 27 I/-</u>	<u>F01K 23 I/-</u>	<u>F15B 1 I/-</u>	<u>F26B 3 I/-</u>
2023293485 2023307770	2023308563	2023308932	2023294491	2023301712	2023446723
<u>C22B 7 I/-</u>	<u>E02D 27 I/-</u>	<u>E21B 29 I/-</u>	<u>F01K 25 I/-</u>	<u>F16C 32 I/-</u>	<u>F27B 1 I/-</u>
2023287342 2023293485	2023292205	2023305457	2023293336 2023295122	2023307893	2023331977
<u>C22C 14 I/-</u>	<u>E02D 31 I/-</u>	<u>E21B 3 I/-</u>	<u>F02C 3 I/-</u>	<u>F16F 15 I/-</u>	<u>F27B 3 I/-</u>
2023298030	2023301270	2023315287	2023293336 2023294491 2023295122 2023300717	2023307893	2023316006
<u>C22C 27 I/-</u>	<u>E02F 9 I/-</u>	<u>E21B 33 I/-</u>	<u>F02C 6 I/-</u>	<u>F16H 21 I/-</u>	<u>F27D 3 I/-</u>
2023298030	2023352162 2023352163 2023432223	2023301217 2023312052 2023312991 2023314968 2023314969 2023315774 2023316739	2023293336 2023294491 2023295122 2023296698	2023326320	2023316006
<u>C22C 38 I/-</u>	<u>E03B 7 I/-</u>	<u>E21B 34 I/-</u>	<u>F02C 7 I/-</u>	<u>F16H 25 I/-</u>	<u>F28D 15 I/-</u>
2023414035	2023326843	2023312991 2023314969 2023316739	2023293336 2023294491 2023295122 2023296698	2023326320	2023324047
<u>C23F 11 I/-</u>	<u>E04B 1 I/-</u>	<u>E21B 41 I/-</u>	<u>F02C 9 I/-</u>	<u>F16K 31 I/-</u>	<u>F41A 23 I/-</u>
2023317269	2023292205 2023308563	2023293336 2023294491 2023295122	2023296698	2023314969 2023330083	2023311397
<u>C25B 1 I/-</u>	<u>E04C 2 I/-</u>	<u>E21B 43 I/-</u>	<u>F03B 13 I/-</u>	<u>F16M 11 I/-</u>	<u>F41A 25 I/-</u>
2022470695 2023296468 2023315921 2023447027	2023297108 2023310699	2023301217	2023326843	2023287651	2023311397
<u>C25B 15 I/-</u>	<u>E04F 15 I/-</u>	<u>E21B 47 I/-</u>	<u>F03D 3 I/-</u>	<u>F17C 1 I/-</u>	<u>F41B 3 I/-</u>
2023315921 2023447027	2023301654	2023305457	2023298225	2023301712	2023286066
<u>C25B 9 I/-</u>	<u>E04H 12 I/-</u>	<u>E21F 17 I/-</u>	<u>F03D 7 I/-</u>	<u>F17C 13 I/-</u>	<u>F41F 7 I/-</u>
2022470695	2023287651	2023407206	2023298225	2023292978	2023331618
<u>C30B 29 I/-</u>	<u>E04H 4 I/-</u>	<u>F01B 3 I/-</u>	<u>F04B 5 I/-</u>	<u>F17C 5 I/-</u>	<u>F41H 7 I/-</u>
2023287250 2023295527	2023322424 2023322428 2023322431 2023322432	2024278469	2024246451	2023309790	2023311397
<u>D01F 9 I/-</u>	<u>E05F 1 I/-</u>	<u>F01D 11 I/-</u>	<u>F04B 9 I/-</u>	<u>F21W 131 I/-</u>	<u>F41J 3 I/-</u>
2023321889	2023289237	2023300717	2024246451	2023322432	2023286066
<u>D04B 31 I/-</u>	<u>E05F 3 I/-</u>	<u>F01D 15 I/-</u>	<u>F04C 18 I/-</u>	<u>F23B 20 I/-</u>	<u>F42B 10 I/-</u>
2023307177	2023289237	2023293336 2023295122	2023317328	2023296251	2023326320
<u>D04B 33 I/-</u>	<u>E06B 3 I/-</u>	<u>F01D 25 I/-</u>	<u>F04C 29 I/-</u>	<u>F24B 1 I/-</u>	<u>G01D 4 I/-</u>
2023307177	2023307270	2023300717	2023317328	2023296251	2023326843
<u>D04H 1 I/-</u>	<u>E21B 15 I/-</u>	<u>F01D 25 I/-</u>	<u>F04D 27 I/-</u>	<u>F24S 25 I/-</u>	<u>G01F 1 I/-</u>
2023321889	2023315287	2023293336 2023295122	2023315921	2023309336	2023326843
<u>D06F 39 I/-</u>	<u>E21B 17 I/-</u>			<u>F25C 1 I/-</u>	<u>G01F 15 I/-</u>
2023310293	2023315287			2023302471	2023326843
<u>D06M 11 I/-</u>	<u>E21B 19 I/-</u>			<u>F25D 23 I/-</u>	<u>G01J 5 I/-</u>
2023321889	2023315287			2023289237	2023312948 2023314873
	2023315287			<u>F25D 29 I/-</u>	<u>G01M 3 I/-</u>
				2023302471	2023302871
					<u>G01N 1 I/-</u>
					2023305869

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

<u>G01N 15 /-</u>	<u>G02B 30 /-</u>	2023329907 2024287275	<u>G08G 1 /-</u>	2023382736	<u>H02J 1 /-</u>
2023330153	2023310698	<u>G06F 40 /-</u>	2023287542	<u>H01M 4 /-</u>	2023306232
<u>G01N 21 /-</u>	<u>G02B 6 /-</u>	2023314600 2023316574	<u>G09B 19 /-</u>	2023301657 2023446732	<u>H02J 13 /-</u>
2023306240 2023312948 2023314873	2023404735	<u>G06F 9 /-</u>	2023307177 2023329907	<u>H01M 50 /-</u>	2023306232
<u>G01N 22 /-</u>	<u>G02C 7 /-</u>	2023323901 2024287275	<u>G09F 9 /-</u>	2023305432 2023307910 2023307911 2023307912 2023308107 2023314866 2023320387 2023382736	<u>H02J 3 /-</u>
2023427722	2023327169	<u>G06N 10 /-</u>	2023311687		2022466069 2022471265 2023314443
<u>G01N 24 /-</u>	2023286060 2023323732	2023313014 2023433777	<u>G16B 40 /-</u>		<u>H02J 7 /-</u>
2023301657			2023308201		2023320387
<u>G01N 27 /-</u>	<u>G03G 15 /-</u>	<u>G06N 20 /-</u>	<u>G16H 20 /-</u>	<u>H01M 8 /-</u>	<u>H02K 1 /-</u>
2023301657	2023330769 2023330770	2023305828 2023310356	2023428240	2023287342 2023306179 2023380652	2022470695
<u>G01N 29 /-</u>	<u>G03G 21 /-</u>	<u>G06N 3 /-</u>	<u>G16H 30 /-</u>		<u>H02K 9 /-</u>
2023288126	2023330770	2022463293	2023310839	<u>H01P 3 /-</u>	2023324047
<u>G01N 33 /-</u>	<u>G04F 5 /-</u>	<u>G06Q 10 /-</u>	<u>G16H 50 /-</u>	2023321825	<u>H02S 40 /-</u>
2023306240 2023319978 2023320157 2023330153	2023323732	2023295205 2023323901 2023327779 2023329907	2022463293 2023308201	<u>H01P 5 /-</u>	2023309336
<u>G01N 35 /-</u>	<u>G05B 23 /-</u>	<u>G06Q 20 /-</u>	<u>H01F 27 /-</u>	2023324055	<u>H04B 10 /-</u>
2023305869	2023329907		2023324047	<u>H01P 7 /-</u>	2023290182 2023292686
<u>G01R 33 /-</u>	<u>G05B 9 /-</u>	<u>G06Q 30 /-</u>	<u>H01G 11 /-</u>	2023324055	<u>H04B 17 /-</u>
2023301657	2023312259	2024207987 2024218399	2023303876	<u>H01Q 1 /-</u>	2023368490
<u>G01S 1 /-</u>	<u>G05D 23 /-</u>	<u>G06Q 40 /-</u>	<u>H01H 1 /-</u>	2023327817	<u>H04B 7 /-</u>
2023305546	2023446719	2023327779 2024207987	2024257276	<u>H01Q 21 /-</u>	2023300578 2023305546
<u>G01S 13 /-</u>	<u>G06E 3 /-</u>	<u>G06Q 40 /-</u>	<u>H01H 3 /-</u>	2023327817	<u>H04L 5 /-</u>
2023287542 2023300578 2023427722	2023290182 2023292686	2024207987	2023287539	<u>H01Q 3 /-</u>	2022465899 2022469628
<u>G01S 17 /-</u>	<u>G06F 1 /-</u>	<u>G06T 7 /-</u>	<u>H01H 31 /-</u>	2023305546	<u>H04L 67 /-</u>
2023331140	2023286060 2023311687	2023286716 2023288052 2023310356	2024273120	<u>H01Q 5 /-</u>	2023289278 2023312259 2023329907
<u>G01S 19 /-</u>	<u>G06F 11 /-</u>	<u>G06V 20 /-</u>	<u>H01J 7 /-</u>	2023321825	<u>H04L 9 /-</u>
2023300578 2023327817	2023312259	2023322424	2023307608	<u>H01R 13 /-</u>	2022468992 2022469159 2023389800
<u>G01S 3 /-</u>	<u>G06F 12 /-</u>	<u>G07C 5 /-</u>	<u>H01L 23 /-</u>	2023377630	<u>H04M 1 /-</u>
2023305546	2024287275	2023306232 2023327779	2023324047	<u>H01S 5 /-</u>	2023311687
<u>G01S 7 /-</u>	<u>G06F 16 /-</u>	<u>G08B 21 /-</u>	<u>H01M 10 /-</u>	2023404735	<u>H04N 1 /-</u>
2023305546	2022470056 2023289278 2024287275	2023287542 2023407206	2023301657 2023305432 2023306179 2023307608 2023307910 2023307911 2023307912 2023314866 2023320387	<u>H02B 7 /-</u>	2023305024
<u>G01V 1 /-</u>	<u>G06F 21 /-</u>	<u>G08B 5 /-</u>		2022471265	<u>H04N 7 /-</u>
2023310356	2022468992 2022469159 2023389800	2023407206		2022471265	2023305024
<u>G01W 1 /-</u>	<u>G06F 3 /-</u>	<u>G08C 25 /-</u>		<u>H02H 9 /-</u>	<u>H04Q 9 /-</u>
2023300578	2023316792	2023312259		2022471265	2023302871

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

2023312259

H04W 12 /-2023312026
2023368490**H04W 28 /-**

2022473582

H04W 36 /-2023306965
2023322371
2023368490**H04W 4 /-**

2023407206

H04W 52 /-

2023309482

H04W 72 /-

2022469628

H05H 1 /-

2023305804

H05K 7 /-

2023324047

H10F 19 /-

2023314817

H10K 102 /-

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2023305168

H10K 77 /-

2023311687

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(71) Acer Incorporated (11) AU-B-2023210673 (21) 2023210673 (22) 04.08.2023 (54) RESOURCE CANCELLATION METHOD AND USER EQUIPMENT (51) Int. Cl. H04W 72/02 (2009.01) H04W 28/12 (2009.01) (31) 63/397,395 (32) 12.08.22 (33) US 18/358,040 25.07.23 US (43) 07.03.2024 (44) 30.01.2025 (72) Lo, Li-Chung; Lee, Chien-Min; Chen, Jen-Hsien (74) Collison & Co	(71) Adama Australia Pty Ltd (11) AU-B-2019280443 (21) 2019280443 (22) 05.06.2019 (54) New uses of carbetamide (51) Int. Cl. A01N 47/20 (2006.01) A01N 33/18 (2006.01) A01N 37/18 (2006.01) A01N 43/70 (2006.01) A01P 13/02 (2006.01) (87) WO2019/232569 (31) 2018902009 (32) 05.06.18 (33) AU (43) 12.12.2019 (44) 30.01.2025 (72) HORSFIELD, Andrew (74) Chrysiliou IP	(71) Adrenomed AG (11) AU-B-2017375049 (21) 2017375049 (22) 18.12.2017 (54) Anti-Adrenomedullin (ADM) antibody or anti-ADM antibody fragment or anti-ADM non-Ig scaffold for use in intervention and therapy of congestion in a patient in need thereof (51) Int. Cl. C07K 16/22 (2006.01) A61P 7/10 (2006.01) G01N 33/50 (2006.01) (87) WO2018/109228 (31) 17197176.5 (32) 18.10.17 (33) EP 16206305.1 22.12.16 EP 16204847.4 16.12.16 EP (43) 21.06.2018 (44) 30.01.2025 (72) Voors, Adriaan (74) Davies Collison Cave Pty Ltd
(71) Acer Incorporated (11) AU-B-2024200629 (21) 2024200629 (22) 01.02.2024 (54) METHOD FOR IMPLEMENTING CELL SWITCH PROCEDURE AND USER EQUIPMENT (51) Int. Cl. H04W 56/00 (2009.01)	(71) Adama Makhteshim Ltd. (11) AU-B-2019346158 (21) 2019346158 (22) 26.09.2019 (54) Process and intermediates for the preparation of fluensulfone (51) Int. Cl. C07D 277/32 (2006.01) C07D 277/36 (2006.01) (87) WO2020/065652 (31) 62/736,498 (32) 26.09.18 (33) US (43) 02.04.2020	(71) ADS Services, LLC (11) AU-B-2019202594 (21) 2019202594 (22) 15.04.2019 (54) Control system for a well drilling platform with remote access (51) Int. Cl. E21B 21/08 (2006.01) (31) 16/296,668 (32) 08.03.19 (33) US (43) 24.09.2020 (44) 30.01.2025 (72) Parthasarathy, Anand; Charles, Scott; Rasheed, Syed (74) Spruson & Ferguson (71) advanceCOR GmbH (11) AU-B-2019338943 (21) 2019338943 (22) 13.09.2019 (54) Short cyclic peptides for the treatment of graves' disease (51) Int. Cl. A61K 38/00 (2006.01) C07K 14/72 (2006.01) (87) WO2020/053417

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TERY COMPOSITE MATERIAL AND
PRECURSOR THEREOF
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H01M 10/0525 (2010.01)
H01M 4/131 (2010.01)
H01M 10/0562 (2010.01)
H01M 50/249 (2021.01)
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HUANG, AN-FENG
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with aflibercept
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A61K 35/761 (2015.01)
A61K 48/00 (2006.01)
A61P 27/02 (2006.01)
C12N 15/09 (2006.01)
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attachment device
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B62J 7/00 (2006.01)
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A61F 2/82 (2013.01)
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A61M 5/315 (2006.01)
A61M 11/00 (2006.01)
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B65B 3/00 (2006.01)
B65B 7/16 (2006.01)
B65B 7/28 (2006.01)
B65B 31/02 (2006.01)
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G09B 23/28 (2006.01)
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FORCED PROTECTIVE LAYER
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C08K 5/47 (2006.01)
C09D 5/08 (2006.01)
C08K 3/26 (2006.01)
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COATING COMPOSITION
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FORCED PROTECTIVE LAYER
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gram-based refractive laser surgery

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A01F 7/02 (2006.01)
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A01D 34/44 (2006.01)
A01F 7/00 (2006.01)
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F04B 1/12 (2020.01)
F04B 53/16 (2006.01)
F04C 2/34 (2006.01)
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A61C 17/22 (2006.01)
A46B 11/00 (2006.01)
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B64U 10/25 (2023.01)
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C12Q 1/6869 (2018.01)
G06N 3/04 (2023.01)
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G16B 30/10 (2019.01)
G16B 35/10 (2019.01)
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H04W 12/50 (2021.01)
H04L 67/12 (2022.01)
H04W 4/38 (2018.01)
H04W 12/08 (2021.01)
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B62J 45/421 (2020.01)
B62M 3/08 (2006.01)
G01L 3/00 (2006.01)
G01L 3/04 (2006.01)
H01M 10/0525 (2010.01)
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C07D 471/04 (2006.01)
A61K 31/5377 (2006.01)
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G01N 21/17 (2006.01)
G02B 5/10 (2006.01)
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C12P 5/02 (2006.01)
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B65D 71/72 (2006.01)

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B65D 73/00 (2006.01)
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B65D 5/28 (2006.01)
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C07D 211/14 (2006.01)
C07D 211/38 (2006.01)
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H10F 77/20 (2025.01)
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H04W 88/02 (2009.01)
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H04W 16/00 (2009.01)

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H02P 25/032 (2016.01)
H02P 5/56 (2016.01)

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A61C 13/00 (2006.01)
A61C 13/083 (2006.01)
A61K 6/833 (2020.01)
C03C 3/097 (2006.01)
C03C 4/00 (2006.01)
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E04B 1/68 (2006.01)
B29C 44/32 (2006.01)
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G01N 33/18 (2006.01)
C02F 1/00 (2023.01)
G01D 3/00 (2006.01)
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G08C 25/00 (2006.01)
H04Q 9/00 (2006.01)
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A61B 8/08 (2006.01)
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A61B 17/15 (2006.01)
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A61F 2/40 (2006.01)
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H04L 1/00 (2006.01)
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H04L 27/26 (2006.01)
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Research D/B/A The Research Institute
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of cancer
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A61K 38/16 (2006.01)
A61K 35/17 (2015.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
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A61C 13/34 (2006.01)
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C23C 18/08 (2006.01)
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G06T 19/00 (2011.01)
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C07K 16/28 (2006.01)
A61P 35/00 (2006.01)
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C07K 14/725 (2006.01)
C07K 19/00 (2006.01)
C12N 15/12 (2006.01)
C12N 15/13 (2006.01)
C12N 15/62 (2006.01)
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A61K 9/127 (2006.01)
A61K 9/51 (2006.01)
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A61K 31/713 (2006.01)
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C07C 219/16 (2006.01)
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F25B 9/10 (2006.01)

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A61P 25/14 (2006.01)
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A61K 47/64 (2017.01)
C07K 14/575 (2006.01)
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C12N 15/11 (2006.01)
C12N 15/63 (2006.01)

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A61K 39/395 (2006.01)

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 METHOD AND REDUCED IRON PRO-
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C21B 13/00 (2006.01)
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 CHINE AND PELLET FIRING FUR-
 NACE
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G08B 21/00 (2006.01)
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B29C 67/00 (2017.01)
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B66F 13/00 (2006.01)

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G06T 7/73 (2017.01)
G06V 20/56 (2022.01)
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C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61P 19/02 (2006.01)
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C08H 7/00 (2011.01)
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B26D 7/14 (2006.01)
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B41F 11/02 (2006.01)
B41F 19/02 (2006.01)
B41M 3/14 (2006.01)
B42D 25/324 (2014.01)
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B62D 55/10 (2006.01)
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E02F 3/85 (2006.01)
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A61K 39/385 (2006.01)
A61K 41/00 (2006.01)
A61P 31/00 (2006.01)
A61P 35/00 (2006.01)
A61P 37/04 (2006.01)
C07C 323/41 (2006.01)
C07D 207/40 (2006.01)
C07D 211/88 (2006.01)
C07H 15/04 (2006.01)
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A61B 17/28 (2006.01)
A61B 50/20 (2016.01)
A61J 1/10 (2006.01)
A61M 1/02 (2006.01)
A61M 5/14 (2006.01)
A61M 5/168 (2006.01)
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A61F 2/44 (2006.01)
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A61L 27/04 (2006.01)
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C07K 14/78 (2006.01)
C07K 16/28 (2006.01)
C07K 17/00 (2006.01)
C12N 5/074 (2010.01)
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B33Y 30/00 (2015.01)
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F25D 23/06 (2006.01)
F25D 23/08 (2006.01)
F25D 29/00 (2006.01)
H05K 1/00 (2006.01)
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H04N 19/132 (2014.01)
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E03C 1/12 (2006.01)
E03F 3/04 (2006.01)
F16L 3/12 (2006.01)
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F21V 29/56 (2015.01)
F28D 15/02 (2006.01)
G02B 6/44 (2006.01)
G08C 23/06 (2006.01)
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F16K 1/38 (2006.01)
F16K 1/46 (2006.01)
F16K 31/06 (2006.01)
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A41B 9/00 (2006.01)
A61F 13/476 (2006.01)
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E04G 21/12 (2006.01)
B21F 15/06 (2006.01)
B25B 25/00 (2006.01)
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MOBILE ENGINE
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B60K 35/90 (2024.01)
F02D 43/00 (2006.01)
G07C 5/08 (2006.01)
G07C 5/12 (2006.01)
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B65D 43/03 (2006.01)
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C12P 19/04 (2006.01)
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C07K 14/195 (2006.01)
C12N 1/20 (2006.01)
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G06Q 10/04 (2023.01)
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C22C 38/58 (2006.01)
C21D 8/02 (2006.01)
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B65D 5/00 (2006.01)
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B65D 37/00 (2006.01)

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E04B 2/84 (2006.01)
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G05B 19/418 (2006.01)
B67C 3/00 (2006.01)
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C07K 16/28 (2006.01)
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A61B 17/04 (2006.01)
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G05B 19/418 (2006.01)
H04L 67/10 (2022.01)
H04L 67/125 (2022.01)
H04W 84/18 (2009.01)
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B25F 5/02 (2006.01)
B25B 21/00 (2006.01)

B25D 9/00 (2006.01)
B25D 17/04 (2006.01)
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(54) CONNECTOR FOR PIPING
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F16L 37/092 (2006.01)
F16L 19/00 (2006.01)
F16L 19/06 (2006.01)
F16L 37/091 (2006.01)
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A23L 7/10 (2016.01)
A23L 11/00 (2016.01)
A23L 33/00 (2016.01)
A23L 33/16 (2016.01)
A23L 33/165 (2016.01)
A23L 33/21 (2016.01)
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A23N 12/08 (2006.01)
A23F 5/04 (2006.01)
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A61P 17/00 (2006.01)
A23J 1/20 (2006.01)
A61K 8/64 (2006.01)
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A61F 2/24 (2006.01)
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B24C 3/06 (2006.01)
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E02F 5/10 (2006.01)
E21B 7/20 (2006.01)
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F16L 1/026 (2006.01)
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A61K 38/20 (2006.01)
A61K 45/06 (2006.01)
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A61P 35/02 (2006.01)
C07K 14/54 (2006.01)
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A61B 17/24 (2006.01)
A61F 2/18 (2006.01)
A61F 5/08 (2006.01)
A61M 25/04 (2006.01)
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(74) Patent Attorney Services
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C07K 5/00 (2006.01)
A61K 38/00 (2006.01)
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A61K 38/16 (2006.01)
C07K 7/00 (2006.01)
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C07D 487/22 (2006.01)
A01N 3/00 (2006.01)
A01N 43/90 (2006.01)
A01N 59/16 (2006.01)
A01N 59/20 (2006.01)
A01P 1/00 (2006.01)
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C22B 3/24 (2006.01)
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(11) AU-B-2022241553
(21) 2022241553 (22) 29.09.2022
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A01H 5/00 (2018.01)
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G07D 11/16 (2019.01)
B65H 29/12 (2006.01)
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G07F 19/00 (2006.01)
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C08B 30/12 (2006.01)
A23L 29/219 (2016.01)
C08B 30/00 (2006.01)
C08B 31/18 (2006.01)
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A61K 9/00 (2006.01)
A61K 9/107 (2006.01)
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(21) 2019318021
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A61J 1/20 (2006.01)
B65D 21/02 (2006.01)
B65D 71/50 (2006.01)
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A61K 38/54 (2006.01)
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F16L 55/132 (2006.01)
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E21C 41/16 (2006.01)
F42D 3/04 (2006.01)
G01V 99/00 (2009.01)
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B29C 70/22 (2006.01)
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H04N 19/31 (2014.01)
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(54) METHOD FOR SIGNALING SUBPICTURE PARTITIONING IN CODED VIDEO STREAM
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H04N 19/00 (2014.01)
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(51) Int. Cl.
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A61K 31/00 (2006.01)
A61K 47/02 (2006.01)
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B29C 70/04 (2006.01)
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A61K 8/58 (2006.01)
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B60P 1/48 (2006.01)
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(74) Madderns Pty Ltd

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C07C 255/41 (2006.01)
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C11D 1/72 (2006.01)
C11D 1/83 (2006.01)
C11D 3/37 (2006.01)
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(71) WhiteWater West Industries Ltd
(11) AU-B-2021274311
(21) 2021274311 **(22)** 18.05.2021
(54) Pool wave generator
(51) Int. Cl.
E04H 4/12 (2006.01)
A47K 3/10 (2006.01)
E04H 4/00 (2006.01)
E04H 4/14 (2006.01)
F04D 35/00 (2006.01)
(87) WO2021/232138
(31) 63/026,508 **(32)** 18.05.20 **(33)** US
(43) 25.11.2021

(44) 30.01.2025
(72) WYNNE-EDWARDS, Alexander; TY-MIAK, Andrew; GINESTET, Clement
(74) Spruson & Ferguson

(71) WILUS INSTITUTE OF STANDARDS AND TECHNOLOGY INC.
(11) AU-B-2023251419
(21) 2023251419 **(22)** 17.10.2023
(54) VIDEO SIGNAL PROCESSING METHOD AND DEVICE THEREFOR
(51) Int. Cl.
H04N 19/70 (2014.01)
H04N 19/11 (2014.01)
H04N 19/119 (2014.01)
H04N 19/132 (2014.01)
H04N 19/172 (2014.01)
H04N 19/593 (2014.01)
(43) 09.11.2023
(44) 30.01.2025
(62) 2020407738
(72) KIM, Dongcheol; JUNG, Jaehong; KO, Geonjung; SON, Juhung; KWAK, Jin-sam
(74) AJ PARK

(71) WUXI IDATA TECHNOLOGY COMPANY LTD.
(11) AU-B-2023305023
(21) 2023305023 **(22)** 27.07.2023
(54) OPTICAL INFORMATION COLLECTION AND METHOD THEREFOR
(51) Int. Cl.
G06K 7/10 (2006.01)
G06K 7/14 (2006.01)
G06V 10/10 (2022.01)
G06V 10/141 (2022.01)
(87) WO2024/032379
(31) 202210959551.5 **(32)** 11.08.22 **(33)** CN
(43) 29.02.2024
(44) 30.01.2025
(72) WANG, Dongsheng; WEI, Jiangtao; ZHANG, Songlai; ZHOU, Xiaoqin
(74) Peter WANG ipspeedyau@outlook.com

(71) WUXI LITTLE SWAN ELECTRIC CO., LTD.
(11) AU-B-2021385681
(21) 2021385681 **(22)** 17.05.2021
(54) DOOR COVER STRUCTURE, ELECTRICAL DEVICE, ASSEMBLING METHOD, AND DISASSEMBLING METHOD
(51) Int. Cl.
D06F 39/14 (2006.01)
(87) WO2022/110686
(31) 202011384235.7 **(32)** 30.11.20 **(33)** CN
(43) 02.06.2022
(44) 30.01.2025
(72) HUANG, Chenye; LU, Xuzhen
(74) Madderns Pty Ltd

Xiamen Innovax Biotech Co., Ltd. see Xiamen University
(21) 2020284771

Applications Accepted - Name Index cont'd

(71) Xiamen University; Xiamen Innovax Biotech Co., Ltd.
 (11) AU-B-2020284771
 (21) 2020284771 (22) 31.03.2020
 (54) Preparation of risedronate zinc micronano-adjuvant, and use of same as vaccine adjuvant
 (51) Int. Cl.
A61K 39/39 (2006.01)
A61K 39/25 (2006.01)
A61P 31/22 (2006.01)
A61P 37/04 (2006.01)
 (87) WO2020/238394
 (31) 201910459715.6 (32) 30.05.19 (33) CN
 (43) 03.12.2020
 (44) 30.01.2025
 (72) ZHAO, Qinjian; HUANG, Xiaofen; LI, Yike; NIE, Meifeng; CHEN, Siyi; XIA, Ningshao
 (74) Davies Collison Cave Pty Ltd

XUZHOU USURE MINING TECHNOLOGY CO., LTD see CHINA UNIVERSITY OF MINING AND TECHNOLOGY
 (21) 2023251557

(71) YOSHINO GYPSUM CO., LTD.
 (11) AU-B-2022337470
 (21) 2022337470 (22) 25.08.2022
 (54) SMOOTHER AND GYPSUM BOARD MANUFACTURING DEVICE
 (51) Int. Cl.
B28B 1/30 (2006.01)
B28B 5/02 (2006.01)
 (87) WO2023/032810
 (31) 2021-140653 (32) 31.08.21 (33) JP
 (43) 09.03.2023
 (44) 30.01.2025
 (72) HATANAKA, Takumi; TANIKAWA, Seiji
 (74) Spruson & Ferguson

Yu, J. see Chang Gung Memorial Hospital
 (21) 2021219676

Yu, A. see Chang Gung Memorial Hospital
 (21) 2021219676

(71) Yuyu Pharma, Inc.
 (11) AU-B-2019378162
 (21) 2019378162 (22) 14.11.2019
 (54) Peptides and pharmaceutical compositions for treating eye diseases
 (51) Int. Cl.
C07K 7/06 (2006.01)
A61K 9/00 (2006.01)
A61K 38/00 (2006.01)
A61P 27/02 (2006.01)
 (87) WO2020/099925
 (31) 62/767,180 (32) 14.11.18 (33) US
 (43) 22.05.2020
 (44) 30.01.2025
 (72) BAIK, Taegon; CHOI, Jong-Yun; MIN, Gyoung-Wook; PARK, Chun Ho
 (74) Pearce IP Pty Ltd

(71) ZHEJIANG NARADA POWER SOURCE CO., LTD.; HANGZHOU NARADA POWER TECHNOLOGY CO., LTD.
 (11) AU-B-2022379904
 (21) 2022379904 (22) 22.07.2022
 (54) BATTERY CORE CONNECTING ASSEMBLY AND BATTERY
 (51) Int. Cl.
H01M 50/543 (2021.01)
H01M 50/531 (2021.01)
 (87) WO2024/016318
 (43) 08.02.2024
 (44) 30.01.2025
 (72) GUO, Feng; WANG, Yinglai; XIANG, Jiayuan; HUANG, Wen; LIU, Sihun; WANG, Meng; XU, Liukou; JIANG, Qinxu; LI, Yanhong; FANG, Ling; ZHANG, Bei; CHEN, Xiangdang; WEN, Shuting; CAO, Huayan
 (74) Madders Pty Ltd

(71) Zimmer, Inc.; Celestica Valencia, S.A.U.
 (11) AU-B-2024201431
 (21) 2024201431 (22) 05.03.2024
 (54) CHUCK SYSTEM FOR A POWERED SURGICAL IMPACTOR
 (51) Int. Cl.
A61B 17/92 (2006.01)
A61B 17/17 (2006.01)
A61F 2/46 (2006.01)
B23B 31/02 (2006.01)
B25D 17/08 (2006.01)
 (31) 63/450,311 (32) 06.03.23 (33) US
 (43) 26.09.2024
 (44) 30.01.2025
 (72) Grimm, James; Slocum, Alexander; Ciesielski, Canan; Torres, Salvador; Moreno Delgado, Pedro Luis; Rodenas, Jaime
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) ZINNIA IP NOMINEE PTY LTD
 (11) AU-B-2022242178
 (21) 2022242178 (22) 25.03.2022
 (54) ABOVE-GROUND ASH INTERMENT SYSTEM
 (51) Int. Cl.
E04H 13/00 (2006.01)
A61G 17/08 (2006.01)
 (87) WO2022/198280
 (31) 2021900911 (32) 26.03.21 (33) AU
 (43) 29.09.2022
 (44) 30.01.2025
 (72) CHOI, John; COXALL, Phillip; MACDONALD, Graeme
 (74) Spruson & Ferguson

Numerical Index

2017329669	Boehringer Ingelheim Vetmedica GmbH	2019240365	N.S. Oils Ltd.
2017353939	Neuracle Science Co., Ltd.	2019240566	The Boeing Company
2017358042	Longeveron Inc.	2019240581	Enologica Vason S.p.A
2017363246	Mersana Therapeutics, Inc.	2019246292	Université de Liège
2017375049	Adrenomed AG	2019250613	Bayer Aktiengesellschaft; Bayer CropScience Aktiengesellschaft
2017379382	Daiichi Sankyo Company, Limited	2019251178	UCL Business Ltd
2017380981	F. Hoffmann-La Roche AG	2019252920	ReShape Lifesciences, Inc.
2017382234	Macrogenics, Inc.	2019253137	Breath Therapeutics GmbH
2017382282	The Johns Hopkins University	2019254237	OnQuality Pharmaceuticals China Ltd.
2017382723	Sarepta Therapeutics, Inc.	2019255380	Massachusetts Institute of Technology
2017382741	Sarepta Therapeutics, Inc.	2019255388	First Light Diagnostics, Inc.
2017382773	Sarepta Therapeutics, Inc.	2019256727	BioLife Solutions, Inc.
2018201684	Deka Australia Pty Ltd	2019257606	Merck Sharp & Dohme LLC; MSD Wertheim Bio-Pharma GmbH
2018204013	ASP Global Manufacturing GmbH	2019258844	Fresh Inset S.A.
2018206560	Research Institute at Nationwide Children's Hospital	2019259234	Air Bag Stopper Holdings Limited
2018213716	A-Clip Institute, Co. Ltd.; National Institutes of Biomedical Innovation, Health and Nutrition	2019260498	PepsiCo, Inc.
2018236907	HUNTER DOUGLAS LIMITED	2019260738	Arrowhead Pharmaceuticals, Inc.
2018246377	Collectis SA	2019260829	Juno DTS, LLC
2018247767	F. Hoffmann-La Roche AG	2019263007	The Coca-Cola Company
2018271121	Cognizance Biomarkers, Inc.	2019264554	The Boeing Company
2018274655	Universitat Autònoma de Barcelona	2019265011	University of Louisville Research Foundation, Inc.
2018279117	BioNTech SE	2019265111	bitBiome, Inc.
2018282393	Studco Australia Pty Ltd	2019269671	QIAGEN Sciences LLC
2018287044	Aki Therapeutics ApS	2019271230	Smith & Nephew Asia Pacific Pte Limited; Smith & Nephew Orthopaedics AG; Smith & Nephew, Inc.
2018316521	Black Belt Therapeutics Limited	2019271863	Halliburton Energy Services, Inc.
2018321105	European Molecular Biology Laboratory	2019272911	Red Bull GmbH
2018330499	Novo Nordisk A/S	2019274653	Pirelli Tyre S.p.A.
2018334514	Nutrition & Biosciences USA 4, Inc.	2019277024	Alcon Inc.
2018350372	CSL Limited; Canadian Blood Services	2019277620	Mitsui Sugar Co., Ltd.
2018361561	Ludwig Institute for Cancer Research Ltd	2019279867	Baxter International Inc.; Baxter Healthcare SA
2018365065	Cytolutions, LLC	2019279884	Morningside Venture Investments Limited
2018383752	Codexis, Inc.	2019280443	Adama Australia Pty Ltd
2018420462	NUSEED NUTRITIONAL US INC.	2019280513	Teijin Carbon Europe GmbH
2018427601	Mitek Holdings, Inc.	2019280914	Fine Agrochemicals Limited
2018434912	Halliburton Energy Services, Inc.	2019281018	Iterum Therapeutics International Limited
2018451608	Razer (Asia-Pacific) Pte. Ltd.	2019281326	Societe Des Produits Nestle S.A.
2019200088	Ningbo Dongrun Mining Co., Ltd	2019282207	The Dynamic Engineering Solution Pty Ltd
2019201145	CNH Industrial Canada, Ltd.	2019283791	Therma-Stor LLC
2019201662	LEPPENS, A.	2019284003	S.R. Smith, LLC
2019201953	Kerfton Pty Ltd	2019284133	Dometic Sweden AB
2019202361	MAC Valves, Inc.	2019285097	Roquette Freres
2019202594	ADS Services, LLC	2019285391	Seren Technologies Limited
2019204413	Clesse Industries	2019286246	Koninklijke Douwe Egberts B.V.
2019204622	J.C. Bamford Excavators Ltd	2019287545	Mars, Incorporated
2019206534	LynJohnston, LLC	2019288394	Quantum-Si Incorporated
2019207761	BioNTech SE; TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz gGmbH	2019288682	TDW Delaware, Inc.
2019209172	WestRock Packaging Systems, LLC	2019289148	BARANOWITZ, S.
2019211073	ProbiSearch, S.L.U	2019290182	Hologic, Inc.
2019212176	Biocartis NV	2019291656	RAI Strategic Holdings, Inc.
2019222820	VALLOUREC TUBES FRANCE	2019295136	Arla Foods Amba
2019225236	R.P. Scherer Technologies, LLC	2019295715	veriScan, LLC
2019227531	Regeneron Pharmaceuticals, Inc.	2019297020	Global Bioenergies
2019229431	JAC S.A.	2019297195	Drawbridge Pharmaceuticals Pty Ltd
2019229892	Victoria Link Ltd; University of Kansas	2019298259	Global Analyzer Systems Limited
2019230220	Alexion Pharmaceuticals, Inc.; Ora, Inc.	2019299827	Epiroc Rock Drills Aktiebolag
2019232644	Stellenbosch University	2019300203	NICOX S.A.
2019233846	Freedom Screens Capital Pty Ltd	2019300229	Adenium Ibérica, S.L.
2019234956	Anji Pharmaceuticals Inc.	2019301556	Becton, Dickinson and Company
2019236030	Aeroe Sports Limited	2019302278	SUZOHAPP Canada ULC; Scan Coin AB
2019237298	Soilmec S.p.A.	2019304484	NapiFeryn BioTech Sp. z o.o
2019237992	F. HOFFMANN-LA ROCHE AG	2019309329	The George Institute for Global Health
2019238402	Eneapharm	2019309858	Howmedica Osteonics Corp.
2019239014	Frico AS	2019312037	OPTI-MINEZ Pty Ltd
2019239765	Borody, T.	2019312038	The Heart Research Institute Ltd
2019239890	Koranex Capital	2019316092	Industrie De Nora S.p.A.

Applications Accepted - Numerical Index cont'd

2019317222	Petróleo Brasileiro S.A. - Petrobras	2019443791	Belding, R.
2019318021	Kyoto University; Takeda Pharmaceutical Company Limited	2019448100	Humain Solutions UG (haftungsbeschränkt)
2019321568	Amarin Pharmaceuticals Ireland Limited	2020200457	Novoluto GmbH
2019323446	Cullgen (Shanghai), Inc.	2020201364	Biskup, S.
2019323639	Laing O'Rourke PLC	2020203808	A. Raymond Et Cie
2019328501	Leibniz-Institut Für Pflanzenbiochemie	2020205300	MASTERFORM SYSTEMS PTY LTD
2019330822	Kimberly-Clark Worldwide, Inc.	2020208428	Becton, Dickinson and Company
2019331247	Toray Industries, Inc.	2020208994	Response Times Limited
2019334932	Teva Pharmaceutical Industries Ltd.	2020209230	Becton, Dickinson and company
2019335016	Arthrex, Inc.	2020210705	Ngrave.IO NV
2019335963	Max Co., Ltd.	2020211650	Suncor Energy Inc.
2019336612	Kilt, LLC	2020212767	Chia Tai Tianqing Pharmaceutical Group Co., Ltd.; Nanjing Shunxin Pharmaceuticals Co., Ltd. Of Chiatai Tianqing Pharmaceutical Group
2019337358	Komatsu Forest AB	2020215910	Sekisui House, Ltd.
2019338943	advanceCOR GmbH	2020216056	Sveriges Stärkelseproducenter, Förening U.P.A.
2019339528	TLC Biopharmaceuticals, Inc.; Taiwan Liposome Co., Ltd.	2020216748	Sekisui House, Ltd.
2019342877	Novadip Biosciences	2020218615	BioNTech Cell & Gene Therapies GmbH
2019346158	Adama Makhteshim Ltd.	2020218798	JFS Patents APS
2019347838	Joy Global Surface Mining Inc	2020227267	Petromanolakis, E.
2019348013	Hologic, Inc.	2020227754	Huawei Technologies Co., Ltd.
2019348807	Roquette Freres	2020231100	Philip Morris Products S.A.
2019351791	Takeda Pharmaceutical Company Limited	2020231163	PPlus Skin Care Limited
2019351917	Intellia Therapeutics, Inc.	2020233916	Hilti Aktiengesellschaft
2019354372	Capital One Services, LLC	2020234029	EsoCap AG
2019355814	Caterpillar Inc.	2020240003	Landis+Gyr Technology, Inc.
2019355911	Longevity Neuro Solutions LLC	2020241892	LifeNet Health
2019356968	C.C. Jensen A/S	2020247815	Osmose Utilities Services, Inc.
2019358050	Qualcomm Incorporated	2020249767	Salunda Limited
2019359180	PepsiCo, Inc.	2020251841	Array BioPharma Inc.
2019359291	Ceek Women's Health, Inc.	2020253179	Altup Patents II B.V.
2019360044	BioLineRx Ltd.; Merck Sharp & Dohme Corp.	2020260131	Barinthus Biotherapeutics North America, Inc.; Institute Of Macromolecular Chemistry; The United States of America, as represented by The Secretary, Department of Health and Human Services, Office of Technology Transfer, National Institutes of Health
2019363651	AMO Groningen B.V.	2020262304	Eaton Intelligent Power Limited
2019368816	Janssen Pharmaceutica NV	2020267378	Kite Pharma, Inc.
2019370284	Stemline Therapeutics, Inc.	2020268833	CareFusion 303, Inc.
2019372568	Richter Gedeon Nyrt	2020268906	Medtronic, Inc.
2019375958	Inspired Material Strategies, LLC	2020269210	Pandrol (Vortok) Ltd
2019378161	GlaxoSmithKline Intellectual Property (No. 3) Limited	2020271875	The Toro Company
2019378162	Yuyu Pharma, Inc.	2020274610	SIGOS GmbH
2019380669	S-Biomedic N.V.	2020276242	Regeneron Pharmaceuticals, Inc.
2019380719	Iagon AS	2020279722	Unomedical A/S
2019381255	MGI Tech Co., Ltd.	2020284771	Xiamen University; Xiamen Innovax Biotech Co., Ltd.
2019383721	Grey Wolf Therapeutics Limited	2020290629	V. Guldman A/S
2019384008	Agxeed Holding B.V.	2020291513	Landis+Gyr Technology, Inc.
2019388977	ExxonMobil Technology and Engineering Company; FuelCell Energy, Inc.	2020291821	Novartis AG
2019390645	Novaliq GmbH	2020294185	57 Trading Pty Ltd
2019392844	Germitec	2020304950	DePuy Synthes Products, Inc.
2019393870	Henkel AG & Co. KGaA	2020322784	Eli Lilly and Company
2019394092	GE Energy Power Conversion Technology Ltd	2020350782	KPR U.S., LLC
2019397587	Alcon Inc.	2020363832	enolcon GmbH
2019402422	D. Western Therapeutics Institute, Inc.	2020374555	Cha University Industry-Academic Cooperation Foundation
2019404547	BioNTech US Inc.	2020390028	Keymed Biosciences Co., Ltd; Shanghai Lingyue Biopharma Co., Ltd
2019404613	Technological Resources Pty. Limited	2020390926	Keymed Biosciences Co., Ltd
2019406448	Société des Produits Nestlé S.A.	2020410847	CNH Industrial America LLC
2019408677	L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procédes Georges Claude	2020446569	Infinium Technology, LLC
2019409300	Alcon Inc.	2020460690	Meishan CRRC Brake Science & Technology Co., Ltd
2019409827	Société des Produits Nestlé S.A.	2020461882	Sekisui House, Ltd.
2019414092	Sumitomo Chemical Company, Limited	2020475171	OKAMURA CORPORATION
2019419130	Huawei Technologies Co., Ltd.	2020481554	KAWASAKI RAILCAR MANUFACTURING CO., LTD.
2019421140	Huawei Technologies Co., Ltd.	2021203173	Translate Bio MA, Inc.
2019421242	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2021205517	Electronic Controls Company
2019422692	SICPA HOLDING SA	2021206564	I4F Licensing NV
2019428310	CareFusion 303, Inc.	2021206670	Ensovi, Inc.
2019429068	DEBx Medical Holding BV	2021215226	Janssen Pharmaceutica NV
2019429896	Crown Equipment Corporation	2021219676	Chang Gung Memorial Hospital; Yu, J.; Yu, A.
2019435787	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	2021225178	ADVERUM BIOTECHNOLOGIES, INC.
2019439359	Guangdong OPPO Mobile Telecommunications Corp., Ltd.		

Applications Accepted - Numerical Index cont'd

2021230209	Lymphogenix Limited	2022240650	SHENZHEN FORWARD PHARMACEUTICALS CO., LIMITED
2021232761	Cell Design Labs, Inc.	2022241496	Prime Forming & Construction Supplies, Inc., dba Fitzgerald Formliners
2021236557	Takeda Pharmaceutical Company Limited	2022241553	Suntory Holdings Limited; Suntory Flowers Limited
2021254751	Theradaptive, Inc.	2022242178	ZINNIA IP NOMINEE PTY LTD
2021260105	Arch UK Biocides Ltd	2022246442	Stryker Corporation
2021261832	BioMarin Pharmaceutical Inc.	2022246953	NOKIA TECHNOLOGIES OY
2021266225	ImmunityBio, Inc.; Institute for Cancer Research D/B/A The Research Institute of Fox Chase Cancer Center	2022251499	Huawei Technologies Co., Ltd.
2021270895	Bioneer Corporation; siRNAgen Therapeutics Corporation	2022252696	Aptose Biosciences Inc.; CrystalGenomics, Inc.
2021274311	WhiteWater West Industries Ltd	2022253533	SIEMENS GAMESA RENEWABLE ENERGY A/S
2021281311	Braskem America, Inc.	2022253627	SCRAPETEC GMBH
2021294553	Shenzhen Forward Pharmaceuticals Co., Limited	2022254865	RUBNER, A.
2021297172	Sapience Therapeutics, Inc.	2022256147	Jennerjahn Machine, Inc.
2021298060	Chr. Hansen HMO GmbH	2022256718	UNITEC S.P.A.
2021320957	Nippon Chemiphar Co., Ltd.; Takasaki University of Health And Welfare	2022259714	ENEOS Corporation
2021322001	Simpson Strong-Tie Company Inc.	2022259802	Cella Therapeutics, LLC
2021329366	Auriga Polymers, Inc.	2022259859	Shaw Industries Group, Inc.
2021337652	Alexion Pharmaceuticals, Inc.	2022262170	IMPLANT PROTESIS DENTAL 2004 S.L.
2021351459	Graphic Packaging International, LLC	2022263366	BAMBINO PREZIOSO SWITZERLAND AG
2021355361	Graphic Packaging International, LLC	2022263605	Eagle Outdoor Camping Products Co., Ltd.
2021355530	BOSTON SCIENTIFIC NEUROMODULATION CORPORATION	2022265474	UNILEVER GLOBAL IP LIMITED
2021358962	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	2022272639	ALFA LAVAL MOATTI
2021361018	KYOCERA MEDICAL TECHNOLOGIES, INC.	2022275524	SG Gaming ANZ Pty Ltd
2021371334	BALL CORPORATION	2022276355	ELEMENT SIX (UK) LIMITED
2021371531	MAX CO., LTD.	2022279470	Giant Manufacturing Co., Ltd.
2021376196	GRAPHIC PACKAGING INTERNATIONAL, LLC	2022279496	Packsize LLC
2021385681	WUXI LITTLE SWAN ELECTRIC CO., LTD.	2022281010	ALFA LAVAL CORPORATE AB
2021387426	GC GENOME CORPORATION; AIMA CO.,LTD.	2022283176	C.R.BARD, INC.
2021388088	BRODA, K.; COTE, K.; SAUER, V.; LISSINNA, C.; ROBSON, C.	2022283646	Light Field Lab, Inc.
2021388758	WELLTEC A/S	2022285969	PANASONIC LIFE SOLUTIONS INDIA PRIVATE LIMITED
2021398306	UNILEVER GLOBAL IP LIMITED	2022287653	NewSouth Innovations Pty Limited
2021402965	POSCO CO., LTD	2022288612	SOUTHWEST IRRIGATION LLC
2021404879	METAMORPHOSIS GMBH	2022291244	EPINOVATECH AB
2021405739	RED BULL GMBH	2022291518	National Research Council of Canada
2021414195	PROPRIO, INC.	2022291553	Stryker Corporation
2021417883	INTERNATIONAL BUSINESS MACHINES CORPORATION	2022291554	Perimetrix, Inc.
2021425264	SEKISUI HOUSE, LTD.	2022292254	JFE STEEL CORPORATION
2021432821	VusionGroup GmbH	2022293937	INTERNATIONAL BUSINESS MACHINES CORPORATION
2021437529	JFE STEEL CORPORATION	2022296846	HUECK FOLIEN GESELLSCHAFT M.B.H.
2021443324	SPIDERPLOW ROHR- & KABELPFLUG GMBH	2022299351	VESTLANDETS INNOVASJONSSKAP AS (VIS)
2021451277	HASS CO., LTD.	2022303776	KOMATSU LTD.
2021460591	SATO HOLDINGS KABUSHIKI KAISHA	2022303792	BYD COMPANY LIMITED
2022200614	MiMedx Group, Inc.	2022304201	BEIJING SANKUAI ONLINE TECHNOLOGY CO., LTD
2022200936	Research Institute at Nationwide Children's Hospital; The University of Western Australia	2022306458	SIEMENS MOBILITY GMBH
2022201595	Alnylam Pharmaceuticals, Inc.	2022306665	BECHTEL ENERGY TECHNOLOGIES & SOLUTIONS, INC.
2022201705	Nooma Bio, Inc.	2022310666	HOWMET AEROSPACE INC.
2022201826	Meso Scale Technologies, LLC	2022310829	DR. CURE CO., LTD.
2022202625	Igenomx International Genomics Corporation	2022313085	INFINITE ATHLETE, INC.
2022203325	Pivot Bio, Inc.	2022313890	COLGATE-PALMOLIVE COMPANY
2022203357	Solar Ltd.	2022315196	COLGATE-PALMOLIVE COMPANY
2022203787	Regeneron Pharmaceuticals, Inc.	2022316021	DAEWOONG PHARMACEUTICAL CO., LTD.
2022204817	Innovent Biologics (Suzhou) Co., Ltd.	2022316128	COLGATE-PALMOLIVE COMPANY
2022205759	INTERNATIONAL BUSINESS MACHINES CORPORATION	2022323058	SOLO PACE INC.
2022210766	MACLEON, LLC	2022323667	NOKIA TECHNOLOGIES OY
2022217100	KUROS BIOSCIENCES B.V.; MEDSKIN SOLUTIONS DR. SUWELACK AG	2022325132	NAUTICAL CONTROL SOLUTIONS, LP
2022218120	The ESAB Group Inc.	2022330960	TONGWEI SOLAR (JINTANG) CO., LTD.
2022218772	VENARESOURCES, INC.	2022337470	YOSHINO GYPSUM CO., LTD.
2022218923	CATERPILLAR INC.	2022338916	THE BOOTS COMPANY PLC
2022221504	The Regents of the University of Michigan	2022349393	CRRC YANGTZE CO., LTD.
2022222364	SNC CORPORATION CO., LTD.	2022349885	MEDICAL MICROINSTRUMENTS, INC.
2022224945	HUAWEI TECHNOLOGIES CO., LTD.	2022361894	GOOGLE LLC
2022239636	BOSTON SCIENTIFIC NEUROMODULATION CORPORATION	2022379904	ZHEJIANG NARADA POWER SOURCE CO., LTD.; HANGZHOU NARADA POWER TECHNOLOGY CO., LTD.
		2022389638	BEIJING BALANCE MEDICAL TECHNOLOGY CO., LTD.
		2022401545	BAKER HUGHES OILFIELD OPERATIONS LLC
		2022405961	DAEWOONG THERAPEUTICS INC.

Applications Accepted - Numerical Index cont'd

2022445032	BEIJING HUTT WISDOM TECHNOLOGY CO., LTD.	2023248052	SUNRESIN NEW MATERIALS CO.LTD.
2022451472	ESSITY HYGIENE AND HEALTH AKTIEBOLAG	2023251419	WILUS INSTITUTE OF STANDARDS AND TECHNOLOGY INC.
2022456513	MITSUBISHI ELECTRIC CORPORATION		
2022458718	CNBM RESEARCH INSTITUTE FOR ADVANCED GLASS MATERIALS GROUP CO., LTD.; TRIUMPH SCIENCE & TECHNOLOGY GROUP CO., LTD.	2023251432	Apple Inc.
		2023251503	The NOCO Company
2023200141	Becton, Dickinson and Company	2023251548	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
2023200302	LG Electronics Inc.	2023251557	CHINA UNIVERSITY OF MINING AND TECHNOLOGY; XUZHOU USURE MINING TECHNOLOGY CO., LTD
2023200511	Ningbo Bronco Arts & Crafts Co., Ltd.		Rheinmetall Waffe Munition GmbH
2023200551	Casale SA	2023254884	Oncocross Co.,Ltd.
2023200553	Cornell Pump Company LLC	2023255014	BANDIT INDUSTRIES, INC.
2023200605	CaaMTech, LLC	2023257318	BPGPIO, INC.
2023200654	Fisher & Paykel Healthcare Limited	2023257930	TRINA SOLAR CO., LTD.
2023200813	PepsiCo, Inc.	2023258395	COOPERVISION INTERNATIONAL LIMITED
2023200965	Guangdong Aiko Solar Energy Technology Co., Ltd.	2023260710	KOENIG & BAUER AG
2023201186	Three Peaks Medical Pty Ltd	2023263658	Taiwan Liposome Co., Ltd.; TLC Biopharmaceuticals, Inc.
2023201446	Getac Technology Corporation	2023266253	
2023201450	Getac Technology Corporation		
2023201494	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI	2023282247	Canva Pty Ltd
2023201616	Polaris Industries Inc.	2023285975	Apple Inc.
2023201623	Polaris Industries Inc.	2023305023	WUXI IDATA TECHNOLOGY COMPANY LTD.
2023201634	Rite-Hite Holding Corporation	2023327767	LEPRINO FOODS COMPANY
2023201669	The Regents of The University of California	2023446737	PT ESG NEW ENERGY MATERIAL; PT QMB NEW ENERGY MATERIALS; GEM CO., LTD.; PT GEM INDONESIA NEW ENERGY MATERIALS
2023201704	Hadal, Inc.		
2023201739	Jiangsu Shemar Electric Co., Ltd.	2024200216	LG Electronics Inc.
2023201819	Snap-on Incorporated	2024200284	Apple Inc.
2023201975	BlueScope Steel Limited	2024200364	Apple Inc.
2023202244	Tencent America LLC	2024200397	M & B PRODUCT INNOVATION PTY LTD
2023202590	Shenzhen Aiper Intelligent Co., Ltd.	2024200629	Acer Incorporated
2023202657	Brighten Optix Corp.; nthalmic holding Pty Ltd	2024201431	Zimmer, Inc.; Celestica Valencia, S.A.U.
2023202659	Regeneron Pharmaceuticals, Inc.	2024201477	LG Electronics Inc.
2023202897	Sensorion	2024201585	Voice Life Inc.
2023202911	Arcadyan Technology Corporation	2024201718	Gen-Probe Incorporated
2023202913	Shenzhen Aiper Intelligent Co., Ltd.	2024201865	W. L. Gore & Associates, Inc.
2023203021	SMP Logic Systems LLC	2024202429	Akroswiss AG
2023203043	Beijing Jitai Pharmaceutical Technology Co., Ltd.; Hangzhou Jitai Pharmaceutical Technology Co., Ltd.	2024202858	FLSmith A/S
	Google LLC	2024202871	Canva Pty Ltd
2023203061		2024203460	The Eye Hospital of Wenzhou Medical University
2023203292	F. Hoffmann-La Roche AG	2024203649	TRINA SOLAR CO., LTD.
2023203515	Endurant Systems, LLC	2024205670	ASAHI GROUP HOLDINGS, LTD.
2023203598	Sandvik Mining and Construction Oy	2024216411	Pratt Retail Specialties, LLC
2023203719	Biocompatibles UK Limited; The John Hopkins University	2024220120	American Sterilizer Company
		2024266706	MCCARTHY, D.
2023204004	Tencent America LLC	2024278583	HAINAN WALKER NEW MATERIAL TECHNOLOGY CO., LTD
2023204058	Angel Group Co., Ltd.		
2023204100	NR ELECTRIC CO., LTD; NR ENGINEERING CO., LTD		
2023204330	Pax Water Technologies Inc.		
2023204375	MAS Innovation (Private) Limited		
2023206093	ResMed Pty Ltd		
2023206223	LG Electronics Inc.		
2023206807	AKZO NOBEL COATINGS INTERNATIONAL B.V.		
2023207462	AKZO NOBEL COATINGS INTERNATIONAL B.V.		
2023207824	AKZO NOBEL COATINGS INTERNATIONAL B.V.		
2023208163	Lawrence Livermore National Security, LLC; The Regents of The University of California		
	Northwestern University		
2023210617			
2023210632	Colgate-Palmolive Company		
2023210673	Acer Incorporated		
2023214283	Schlumberger Technology B.V.		
2023214362	Boston Scientific Medical Device Limited		
2023214378	LG Electronics Inc.		
2023216782	Conmed Corporation		
2023219820	Subdomain, LLC; Arcellx, Inc		
2023219945	ADVANCED LITHIUM ELECTROCHEMISTRY CO., LTD.		
	INTEGRITY COMMUNICATIONS SOLUTIONS, INC.		
2023231223			
2023233079	Micro Motion, Inc.		
2023235501	FLSMIDTH A/S		
2023236673	QINGDAO IMBELL SPORTING GOODS CO., LTD.		
2023237082	Huawei Technologies Co., Ltd.		
2023241312	Itron Networked Solutions, Inc.		
2023243842	HITACHI SYSTEMS, LTD.		

IPC Index

<u>A01B 69 I/-</u>	2019250613 2019280443 2019414092 2020211650	<u>A23G 9 I/-</u>		<u>A61B 1 I/-</u>	2018365065
2019384008		2019359180	<u>A44C 21 I/-</u>	2019359291	<u>A61F 13 I/-</u>
<u>A01B 79 I/-</u>	<u>A01N 47 I/-</u>	<u>A23J 1 I/-</u>		<u>A61B 17 I/-</u>	2019330822
2019312037	2019280443	2019285097 2019304484 2019409827	<u>A45C 11 I/-</u>	2019271230 2019309858 2019335016 2020304950 2020350782 2021404879 2022246442 2022291553 2023214362 2023216782 2024201431	2022451472 2023204375
<u>A01D 34 I/-</u>	<u>A01N 57 I/-</u>	<u>A23J 3 I/-</u>	<u>A46B 11 I/-</u>		<u>A61F 2 I/-</u>
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<u>A01D 41 I/-</u>	<u>A01N 59 I/-</u>	<u>A23K 50 I/-</u>	2023210632		
2019201145 2020410847	2020211650	2019287545	<u>A47B 21 I/-</u>	<u>A61B 18 I/-</u>	
<u>A01D 47 I/-</u>	<u>A01N 63 I/-</u>	<u>A23L 11 I/-</u>	2018451608	2023214362	<u>A61F 5 I/-</u>
2019201145	2022200614	2019281326	<u>A47B 46 I/-</u>		2022291553
<u>A01D 57 I/-</u>	<u>A01P 1 I/-</u>	<u>A23L 2 I/-</u>	2019201953	<u>A61B 34 I/-</u>	
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<u>A01F 7 I/-</u>	<u>A01P 13 I/-</u>		2019201953		<u>A61F 9 I/-</u>
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<u>A01G 17 I/-</u>	<u>A01P 21 I/-</u>	2019263007 2019272911	2019201953	2019255388 2019312038 2020208994 2020209230 2022291554	<u>A61G 17 I/-</u>
2021371531	2020211650	<u>A23L 29 I/-</u>	2020475171		2022242178
<u>A01G 9 I/-</u>	<u>A01P 3 I/-</u>	2019263007 2019272911 2020216056	<u>A47C 3 I/-</u>	<u>A61B 50 I/-</u>	<u>A61H 1 I/-</u>
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<u>A01H 5 I/-</u>	<u>A01P 5 I/-</u>	<u>A23L 33 I/-</u>	<u>A47G 19 I/-</u>	<u>A61B 6 I/-</u>	<u>A61H 19 I/-</u>
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<u>A01K 67 I/-</u>	<u>A01P 7 I/-</u>		<u>A47H 3 I/-</u>	<u>A61B 8 I/-</u>	<u>A61H 3 I/-</u>
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<u>A01N 25 I/-</u>	<u>A23C 11 I/-</u>	<u>A23L 7 I/-</u>	<u>A47H 5 I/-</u>	<u>A61B 90 I/-</u>	<u>A61J 1 I/-</u>
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<u>A01N 27 I/-</u>	<u>A23C 21 I/-</u>	<u>A23N 12 I/-</u>	<u>A47J 27 I/-</u>	<u>A61C 13 I/-</u>	<u>A61K 31 I/-</u>
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<u>A01N 3 I/-</u>	<u>A23C 9 I/-</u>	<u>A24D 1 I/-</u>	<u>A47J 43 I/-</u>	<u>A61C 17 I/-</u>	
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<u>A01N 33 I/-</u>	<u>A23D 9 I/-</u>	<u>A24F 42 I/-</u>	<u>A47K 3 I/-</u>	<u>A61C 19 I/-</u>	
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<u>A01N 37 I/-</u>	<u>A23F 5 I/-</u>	<u>A24F 47 I/-</u>	<u>A47L 1 I/-</u>	<u>A61C 8 I/-</u>	
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<u>A01N 43 I/-</u>	<u>A23G 1 I/-</u>	<u>A41B 9 I/-</u>	<u>A47L 11 I/-</u>	<u>A61D 19 I/-</u>	
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Applications Accepted - IPC Index cont'd

2019300203	2019368816	2019370284	<u>A61L 2 /-</u>	2022323058	<u>A61P 29 /-</u>
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2019334932	2020218615	2020260131	2019392844	2019234956	2019237992
2019339528	2020267378	2021270895	<u>A61L 27 /-</u>	2019238402	2019240365
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2019370284	2020374555	2023203043			
2019378161	2021219676	2023257930	2019342877	<u>A61P 11 /-</u>	<u>A61P 3 /-</u>
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2019402422	2021236557	<u>A61K 48 /-</u>	2022217100	2019211073	2019277620
2019429068	2021254751		<u>A61L 29 /-</u>	2019237992	2019295136
2020212767	2021266225	2019351917		2019253137	2019309329
2020234029	2021297172	2021203173	2024201865	2022316021	2019321568
2020251841	2021337652	2021225178	<u>A61M 1 /-</u>	<u>A61P 13 /-</u>	2020322784
2020267378	2022259802	2021232761			2021270895
2021219676	2023219820	2021270895	2020231163	2018287044	<u>A61P 31 /-</u>
2021270895	<u>A61K 39 /-</u>	2022201595	2020350782	2019295136	
2021294553		2023203043		2021230209	2018206560
2021320957	2017329669	<u>A61K 49 /-</u>	<u>A61M 11 /-</u>	<u>A61P 15 /-</u>	2018213716
2022200936	2017353939				2019211073
2022221504	2017379382	2017382282	2024202429	2020374555	2019239765
2022240650	2017380981	<u>A61K 51 /-</u>	<u>A61M 15 /-</u>	<u>A61P 17 /-</u>	2019239890
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2022316021	2018246377	<u>A61K 6 /-</u>	<u>A61M 16 /-</u>	2019342877	<u>A61P 35 /-</u>
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2023201669	2018279117	2021451277	2023200654	2019409827	2017382234
2023202897	2018316521	<u>A61K 8 /-</u>	2023206093	2019429068	2017382282
2023203043	2018350372		<u>A61M 25 /-</u>	2022316021	2018316521
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2023255014	2019360044	<u>A61K 9 /-</u>	2019301556	<u>A61P 19 /-</u>	2019265011
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<u>A61K 33 /-</u>	2020276242	2019375958	2022283176	2020390028	2019360044
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<u>A61K 35 /-</u>	2020291821	2019409827	2023201186	2021337652	2019383721
	2020390028	2021260105	2024201865	<u>A61P 21 /-</u>	2020218615
2017358042	2020390926	2022313890	<u>A61M 35 /-</u>		2020251841
2018246377	2021215226	2022315196		2017382723	2020276242
2018365065	2021261832	2022316128	2019279884	2017382741	2020390028
2019211073	2021266225	2022338916	<u>A61M 37 /-</u>	2017382773	2021215226
2019342877	<u>A61K 40 /-</u>	2023201669		2019277620	2021266225
2019360044				2022200936	2021294553
2019380669	<u>A61K 41 /-</u>	2019207761	<u>A61M 39 /-</u>	2023255014	2022204817
2020218615		2019225236		<u>A61P 23 /-</u>	2022240650
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2021266225		2019300203		2019229892	<u>A61P 37 /-</u>
<u>A61K 36 /-</u>	2019370284	2019334932		2019277620	
	2020212767	2019339528	<u>A61M 5 /-</u>	2019281018	2018213716
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2018287044	2017363246	2021270895		<u>A61P 27 /-</u>	2022204817
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2019253137	2017382741	2022221504		2019230220	<u>A61P 39 /-</u>
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2019295136	2018247767	2022299351		2019378162	2017358042
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2019360044	2019334932	2023203043	2020268906		
	2019368816	2023266253	2021355530		<u>A61P 43 /-</u>
			2022239636		

Applications Accepted - IPC Index cont'd

2017379382 2021320957	<u>B01D 61 /-</u>	<u>B07B 4 /-</u>	<u>B26D 7 /-</u>	<u>B33Y 30 /-</u>	<u>B62D 21 /-</u>
<u>A61P 7 /-</u>	2019285097	2020294185	2019330822	2023208163	2022303792
2017375049 2021230209	<u>B01J 19 /-</u>	<u>B07C 5 /-</u>	<u>B28B 1 /-</u>	<u>B33Y 40 /-</u>	<u>B62D 25 /-</u>
	2024201718	2022256718	2022337470	2023208163	2022303792
<u>A61P 9 /-</u>	<u>B01J 2 /-</u>	<u>B08B 13 /-</u>	<u>B28B 5 /-</u>	<u>B33Y 50 /-</u>	<u>B62D 55 /-</u>
2017358042 2019277620 2019309329 2019321568 2019402422 2020291821	2023200551	2023446737	2022337470	2023208163	2019337358
	<u>B01J 21 /-</u>	<u>B08B 3 /-</u>	<u>B28B 7 /-</u>	<u>B41F 11 /-</u>	<u>B62D 7 /-</u>
	2019317222	2023446737	2022241496	2023263658	2019337358
<u>A61Q 11 /-</u>	<u>B01J 23 /-</u>	<u>B09B 3 /-</u>	<u>B28D 1 /-</u>	<u>B41F 19 /-</u>	<u>B62H 3 /-</u>
2022313890 2022315196 2022316128	2019317222	2019336612 2022287653	2022276355	2023263658	2020218798
<u>A61Q 19 /-</u>	<u>B01L 3 /-</u>	<u>B21D 22 /-</u>	<u>B29C 35 /-</u>	<u>B41M 3 /-</u>	<u>B62H 5 /-</u>
	2021358962 2023210617	2021371334	2019260829	2023263658	2020218798
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<u>A63B 21 /-</u>	2023210617 2024201718	2021371334	<u>B29C 44 /-</u>	<u>B60B 21 /-</u>	<u>B62J 7 /-</u>
2023236673	<u>B02C 17 /-</u>	<u>B21F 15 /-</u>	2020233916	2022310666	2019236030
<u>A63B 22 /-</u>	2023257318	2019335963	<u>B29C 48 /-</u>	<u>B60C 15 /-</u>	<u>B62J 9 /-</u>
2023236673	<u>B02C 18 /-</u>	<u>B21J 5 /-</u>	2020209230	2019274653	2019236030
<u>A63B 23 /-</u>	2023257318	2022306458	<u>B29C 64 /-</u>	<u>B60C 9 /-</u>	<u>B62M 3 /-</u>
2023236673	<u>B03B 5 /-</u>	<u>B23B 31 /-</u>	2023208163	2019274653	2022279470
<u>A63B 24 /-</u>	2024202858	2024201431	<u>B29C 65 /-</u>	<u>B60K 35 /-</u>	<u>B63B 1 /-</u>
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<u>A63F 13 /-</u>	2023235501 2024202858	2019330822	<u>B29C 67 /-</u>	<u>B60L 58 /-</u>	<u>B63B 21 /-</u>
2022275524	<u>B04B 3 /-</u>	2022288612	2019260829	2019299827	2019443791
<u>A63F 9 /-</u>	2023235501	<u>B25B 21 /-</u>	<u>B29C 70 /-</u>	<u>B60N 2 /-</u>	<u>B63B 34 /-</u>
2023204058	<u>B04B 7 /-</u>	2023201819	2019240566 2019280513 2019289148	2022263366	2022203357
<u>A63K 3 /-</u>	2024202858	<u>B25B 25 /-</u>	<u>B31B 50 /-</u>	<u>B60P 1 /-</u>	<u>B63B 59 /-</u>
2019284003	<u>B05B 13 /-</u>	2019335963	2022279496	2019282207	2019201662
<u>B01D 15 /-</u>	2022288612	<u>B25D 17 /-</u>	<u>B32B 21 /-</u>	<u>B60P 3 /-</u>	<u>B63B 7 /-</u>
2023248052	<u>B05B 3 /-</u>	2023201819 2024201431	2022259859	2019201953	2022203357
<u>B01D 19 /-</u>	2022288612	<u>B25D 9 /-</u>	<u>B32B 27 /-</u>	2021205517	2023203515
2019356968 2023204330	<u>B05D 3 /-</u>	2023201819	2019330822 2022259859	<u>B60R 19 /-</u>	<u>B64C 29 /-</u>
<u>B01D 25 /-</u>	2019422692	<u>B25F 5 /-</u>	<u>B32B 5 /-</u>	2019355814	2023203515
2022272639	<u>B05D 5 /-</u>	2023201819	2022259859	<u>B60T 8 /-</u>	<u>B64C 39 /-</u>
<u>B01D 53 /-</u>	2019422692	<u>B26D 5 /-</u>	<u>B32B 7 /-</u>	2020460690	2023203515 2023254884
2020446569 2022291244 2022306665	<u>B07B 1 /-</u>	2019229431	2022259859	<u>B61K 9 /-</u>	<u>B64D 27 /-</u>
	2020294185 2023446737			2020481554	

Applications Accepted - IPC Index cont'd

2023203515	<u>B65D 77 /-</u>	<u>C01B 3 /-</u>	<u>C07C 271 /-</u>	<u>C07D 403 /-</u>	2019318021
<u>B64G 1 /-</u>	2021376196	2019317222	2019351917	2020251841	2019338943
2021388088	<u>B65D 81 /-</u>	2022291244		2021294553	2019368816
<u>B64U 10 /-</u>	2023200511	<u>C01B 33 /-</u>	<u>C07C 275 /-</u>	2022252696	2019370284
2023203515	2024216411	2019336612	2019351917	<u>C07D 413 /-</u>	2020322784
<u>B64U 50 /-</u>	<u>B65D 85 /-</u>	<u>C02F 1 /-</u>	<u>C07C 311 /-</u>	2019383721	2021232761
2023203515	2023200511	2023204330	2019351917	2023201669	2021261832
<u>B65B 13 /-</u>	<u>B65G 15 /-</u>	2023243842	<u>C07C 323 /-</u>	<u>C07D 417 /-</u>	2021298060
2022253627	2022253627	<u>C03C 10 /-</u>	2019239890	2023201669	2022203325
2019335963	<u>B65G 39 /-</u>	2021451277	<u>C07D 205 /-</u>	2023257930	2022203787
<u>B65B 3 /-</u>	2022253627	<u>C03C 23 /-</u>	2019383721	<u>C07D 451 /-</u>	2022204817
2024202429	<u>B65G 43 /-</u>	2021451277	<u>C07D 207 /-</u>	<u>C07D 471 /-</u>	2023202659
<u>B65B 31 /-</u>	2022253627	<u>C03C 3 /-</u>	2019239890	2019237992	
2024202429	<u>B65G 69 /-</u>	2021451277	2019383721	2019378161	2017353939
<u>B65B 55 /-</u>	2023201634	<u>C03C 4 /-</u>	<u>C07D 209 /-</u>	2020251841	2017375049
2019256727	<u>B65H 18 /-</u>	2021451277	2023201669	2023201669	2017379382
<u>B65B 7 /-</u>	2022256147	<u>C04B 18 /-</u>	<u>C07D 211 /-</u>	2019237992	2017380981
2024202429	<u>B65H 19 /-</u>	2019255380	2019239890	<u>C07D 487 /-</u>	2017382234
<u>B65D 1 /-</u>	2022256147	2019300229	2019383721	2019237992	2018206560
2019256727	<u>B65H 29 /-</u>	2022287653	<u>C07D 217 /-</u>	2020211650	2018246377
2021371334	2019302278	2018427601	2019402422	2023203292	2018247767
2024216411	<u>B65D 21 /-</u>	<u>C04B 28 /-</u>	<u>C07D 223 /-</u>	<u>C07D 491 /-</u>	2018316521
<u>B65D 21 /-</u>	<u>B66F 13 /-</u>	2018427601	2019265011	2020251841	2018350372
2019351791	2023201494	2019255380	<u>C07D 231 /-</u>	<u>C07D 498 /-</u>	2019318021
<u>B65D 37 /-</u>	<u>B66F 17 /-</u>	<u>C04B 7 /-</u>	2019383721	2022240650	2019372568
2024216411	2019429896	2019255380	<u>C07D 257 /-</u>	2023203292	2020276242
<u>B65D 41 /-</u>	2023201494	<u>C04B 9 /-</u>	2019383721	<u>C07D 513 /-</u>	2020291821
2020203808	<u>B66F 19 /-</u>	2018427601	<u>C07D 275 /-</u>	2020251841	2020390028
<u>B65D 43 /-</u>	2023201494	<u>C05C 9 /-</u>	2023201669	<u>C07F 9 /-</u>	2020390926
2023200511	<u>B66F 9 /-</u>	2023200551	<u>C07D 277 /-</u>	2023201669	2021215226
<u>B65D 5 /-</u>	2019429896	<u>C05F 11 /-</u>	2019346158	<u>C07H 15 /-</u>	2021232761
2021376196	<u>B67C 3 /-</u>	2022203325	<u>C07D 295 /-</u>	2019239890	2022204817
2024216411	2021405739	<u>C07B 31 /-</u>	2019383721	<u>C07H 21 /-</u>	2023219820
<u>B65D 51 /-</u>	<u>B67D 1 /-</u>	2019297195	<u>C07D 305 /-</u>	2022200936	
2019286246	2019260498	<u>C07C 219 /-</u>	2019383721	<u>C07J 7 /-</u>	2020216056
<u>B65D 71 /-</u>	<u>B67D 7 /-</u>	2019351917	<u>C07D 401 /-</u>	2019297195	2020216056
2019209172	2019260498	<u>C07C 229 /-</u>	2019323446	<u>C07K 14 /-</u>	<u>C08B 31 /-</u>
2019351791	2022325132	2019351917	2020251841	2017380981	2021329366
2021351459	<u>B82Y 30 /-</u>	<u>C07C 255 /-</u>	2022240650	2018246377	<u>C08G 18 /-</u>
2021355361	2019317222	2023201669	2023257930	2019260738	2021329366
<u>B65D 73 /-</u>					<u>C08G 63 /-</u>
2021355361					

Applications Accepted - IPC Index cont'd

2021329366	2019240581	2018334514	<u>C23C 18 /-</u>	2019355814	2019335963
<u>C08H 7 /-</u>	<u>C12M 1 /-</u>	2021298060		2020294185	<u>E04G 7 /-</u>
			2019316092	2022303776	
2019336612	2019265111	<u>C12P 21 /-</u>	<u>C23C 22 /-</u>	<u>E02F 5 /-</u>	2019239014
<u>C08J 5 /-</u>	2019381255	2019331247	2019393870	2019312037	<u>E04G 9 /-</u>
	2021358962	2023202659		2021443324	
2019330822	<u>C12M 3 /-</u>	<u>C12P 5 /-</u>	<u>C23F 13 /-</u>	<u>E02F 9 /-</u>	2021425264
<u>C08K 3 /-</u>	2021358962	2019297020	2020247815		2022241496
2023206807	<u>C12N 1 /-</u>	<u>C12Q 1 /-</u>	<u>C25B 1 /-</u>	2019355814	<u>E04H 12 /-</u>
2023207462			2022291244	<u>E03C 1 /-</u>	2023201739
2023207824	2017379382	2018204013		2024200397	<u>E04H 13 /-</u>
<u>C08K 5 /-</u>	2019331247	2018365065	<u>C25B 11 /-</u>		
	2022203325	2019212176		<u>E03F 3 /-</u>	2022242178
2019289148	2024220120	2019227531	2022291244	2024200397	<u>E04H 15 /-</u>
2023206807	<u>C12N 15 /-</u>	2019246292	<u>C25B 9 /-</u>		
2023207462		2019265111		<u>E04B 1 /-</u>	2019200088
2023207824	2017379382	2021206670	2022291244		2022263605
<u>C09D 167 /-</u>	2018213716	2021387426	<u>C25D 17 /-</u>	2018282393	<u>E04H 4 /-</u>
	2018274655	2022201705		2020215910	
2021329366	2018321105	2022202625	2019316092	2020216748	2019284003
<u>C09D 5 /-</u>	2019207761	2024201718	<u>C40B 40 /-</u>	2020233916	2021274311
	2019227531	2024203460		<u>E04B 2 /-</u>	2023202590
2023206807	2019232644	<u>C21B 13 /-</u>	2023219820		2023202913
2023207462	2019265111	2021437529		2020215910	<u>E04H 9 /-</u>
2023207824	2019331247	2022292254	<u>D04H 3 /-</u>	2020216748	
<u>C10G 1 /-</u>	2019368816	<u>C21B 3 /-</u>		2022241496	2021322001
	2020390028		2019280513	<u>E04B 5 /-</u>	<u>E06B 9 /-</u>
2021281311	2020390926	2022291244	<u>D06F 37 /-</u>		
<u>C10G 11 /-</u>	2021206670	<u>C21D 8 /-</u>		2019323639	2018236907
	2021225178		2023200302	2020205300	2019233846
2021281311	2022200936	2019222820	<u>D06F 39 /-</u>	<u>E04B 7 /-</u>	<u>E21B 21 /-</u>
<u>C10G 2 /-</u>	2022201595	2021402965			
	2022204817	<u>C21D 9 /-</u>	2021385681	2020461882	2019202594
2023202659	2022221504		2023200302	<u>E04C 2 /-</u>	2023203598
2024203460	2023202659	2021402965	<u>E01B 26 /-</u>		<u>E21B 23 /-</u>
2020446569	<u>C12N 3 /-</u>	<u>C22B 1 /-</u>		2020201364	
<u>C10G 27 /-</u>	2024220120		2020269210	2020215910	2021388758
	<u>C12N 5 /-</u>	2021437529	<u>E01B 35 /-</u>	2020216748	
2021281311		2022292254		<u>E04D 1 /-</u>	<u>E21B 29 /-</u>
<u>C10J 3 /-</u>	2017379382	<u>C22B 26 /-</u>	2020481554	2023201975	2021388758
	2018246377		<u>E01B 5 /-</u>	<u>E04D 3 /-</u>	<u>E21B 3 /-</u>
2019317222	2018330499	2022401545			
<u>C11D 1 /-</u>	2018361561	2023248052	2020269210	2023201975	2019237298
	2018365065	<u>C22B 3 /-</u>	<u>E01C 13 /-</u>	<u>E04F 13 /-</u>	<u>E21B 33 /-</u>
2021398306	2019318021				
2022265474	2019342877	2019285391	2020253179	2023201975	2018434912
<u>C11D 11 /-</u>	2020390926	2022401545	<u>E01H 15 /-</u>	<u>E04F 15 /-</u>	2021388758
	2021230209	2023248052			<u>E21B 34 /-</u>
2021398306	2023202659	<u>C22B 59 /-</u>	2020294185	2021206564	
<u>C11D 17 /-</u>	<u>C12N 7 /-</u>		<u>E02D 17 /-</u>	<u>E04F 21 /-</u>	2019271863
	2017329669	2019285391			<u>E21B 41 /-</u>
2021398306	<u>C12N 9 /-</u>	<u>C22C 38 /-</u>	2019312037	2022241496	2019271863
<u>C11D 3 /-</u>			<u>E02D 27 /-</u>	<u>E04G 13 /-</u>	2021388758
2021398306	2018321105	2019222820			<u>E21B 43 /-</u>
<u>C12G 3 /-</u>	2018334514	2021402965	2021425264	2020205300	
	2018383752	<u>C22F 1 /-</u>	<u>E02F 3 /-</u>	<u>E04G 21 /-</u>	2018434912
2019240581	2019297020				2019271863
	2019328501	2019222820			
<u>C12H 1 /-</u>	2024205670				
	<u>C12P 19 /-</u>				

Applications Accepted - IPC Index cont'd

2021388758 2023251557	<u>F16B 21 /-</u>	2019236030	<u>F17C 13 /-</u>	2022205759	<u>G01L 3 /-</u>	<u>G01V 99 /-</u>
<u>E21B 49 /-</u>	2019236030	<u>F17C 13 /-</u>	<u>F25D 23 /-</u>	2022279470		2019404613
2023203598	<u>F16B 25 /-</u>	2019204413 2022259714	2023214378 2024216411	<u>G01L 5 /-</u>	<u>G02B 1 /-</u>	
<u>E21B 7 /-</u>	2020201364	<u>F17C 5 /-</u>	<u>F25D 29 /-</u>	2022291518		2023260710
2019237298 2021443324	<u>F16B 31 /-</u>	2022259714	2023214378	<u>G01M 3 /-</u>	<u>G02B 17 /-</u>	
<u>E21C 27 /-</u>	<u>F16D 55 /-</u>	<u>F21S 4 /-</u>	<u>F25D 3 /-</u>	2022349393		2021388088
2022276355	2019204622	2021205517	2019284133 2019359180	<u>G01N 1 /-</u>	<u>G02B 23 /-</u>	
<u>E21C 37 /-</u>	<u>F16D 65 /-</u>	<u>F21V 29 /-</u>	<u>F25J 3 /-</u>	2023446737		2021388088
2022276355	2019204622	2022210766		<u>G01N 15 /-</u>	<u>G02B 5 /-</u>	
<u>E21C 41 /-</u>	<u>F16K 1 /-</u>	<u>F21V 5 /-</u>	2019408677	2018365065 2019356968		2019298259
2019404613	2019202361	2021205517	<u>F28D 15 /-</u>	<u>G01N 21 /-</u>		<u>G02B 6 /-</u>
<u>E21D 21 /-</u>	<u>F16K 31 /-</u>	<u>F21Y 115 /-</u>	2022205759 2022210766	2019255388 2019288394 2019298259 2023210617 2023231223		2022210766
2022291518	2019202361	2021205517	<u>F28D 9 /-</u>		<u>G02C 7 /-</u>	
<u>E21F 13 /-</u>	<u>F16K 7 /-</u>	<u>F23N 1 /-</u>	2022281010		2023202657	
2019299827	2019259234	2019204413	<u>F28F 3 /-</u>	<u>G01N 29 /-</u>	<u>G03H 1 /-</u>	
<u>E21F 17 /-</u>	<u>F16L 1 /-</u>	<u>F23N 5 /-</u>	2022281010		2022283646	
2019299827	2021443324	2019204413	<u>F41H 5 /-</u>	<u>G01N 3 /-</u>	<u>G05B 19 /-</u>	
<u>F01K 3 /-</u>	<u>F16L 11 /-</u>	<u>F24C 15 /-</u>	2019289148	2022291518 2022291554		2021405739 2023200553 2023203021
2020363832	2019428310	2023206223	<u>F42D 3 /-</u>	<u>G01N 33 /-</u>	<u>G05D 1 /-</u>	
<u>F02D 43 /-</u>	<u>F16L 19 /-</u>	<u>F24D 17 /-</u>	2019404613	2017358042 2017375049 2018271121 2018279117 2019255388 2019269671 2019328501 2019380669 2021215226 2022201826 2022203787 2022204817 2023243842		2020271875
2024266706	2022222364	2022254865	<u>G01B 17 /-</u>		<u>G05D 7 /-</u>	
<u>F03D 7 /-</u>	<u>F16L 3 /-</u>	<u>F24D 19 /-</u>	2022291518		2019204413	
2022253533	2024200397	2022254865	<u>G01C 21 /-</u>		<u>G06F 21 /-</u>	
<u>F03D 9 /-</u>	<u>F16L 33 /-</u>	<u>F24F 1 /-</u>	2023201616 2023201623		2019264554 2019295715 2019354372 2024201585	
2022253533	2019428310	2019283791	<u>G01D 11 /-</u>			
<u>F04B 1 /-</u>	<u>F16L 37 /-</u>	<u>F24F 3 /-</u>	2020249767		<u>G06F 3 /-</u>	
2022218923	2022222364	2019283791	<u>G01D 18 /-</u>		2018451608 2019448100 2022275524 2022313085 2023251432 2023282247	
<u>F04B 53 /-</u>	<u>F16L 41 /-</u>	<u>F24F 7 /-</u>	2023243842	<u>G01N 35 /-</u>		
2022218923	2022306458	2023204330	<u>G01D 3 /-</u>	2024201718		
<u>F04C 2 /-</u>	<u>F16L 43 /-</u>	<u>F24H 9 /-</u>	2023243842	<u>G01R 31 /-</u>		
2022218923	2024200397	2022254865		2020262304 2022361894		
<u>F04D 25 /-</u>	<u>F16L 47 /-</u>	<u>F25B 9 /-</u>	<u>G01F 1 /-</u>	<u>G01S 17 /-</u>	<u>G06F 30 /-</u>	
2018201684	2019428310	2021417883 2022205759	2022325132 2023233079		2023214283	
<u>F04D 29 /-</u>	<u>F16L 55 /-</u>	<u>F25C 1 /-</u>	<u>G01F 15 /-</u>	2020271875	<u>G06F 40 /-</u>	
2018201684	2019259234 2019288682 2021388758	2019284133 2019359180	2022325132 2023233079	<u>G01S 19 /-</u>	2023282247	
<u>F04D 35 /-</u>		<u>F25D 19 /-</u>	<u>G01L 19 /-</u>	2022456513	<u>G06F 9 /-</u>	
2021274311	<u>F16M 13 /-</u>		2022306458	<u>G01S 5 /-</u>	2022293937	
		2021417883		2022456513	<u>G06K 19 /-</u>	

Applications Accepted - IPC Index cont'd

2022218772 2022304201	2019302278	<u>H01H 9 /-</u>	2023251503	2024200364 2024201477	<u>H04W 84 /-</u>
<u>G06K 7 /-</u>	<u>G08B 21 /-</u>	2020291513	<u>H02M 1 /-</u>		2023203021
2021460591 2022218772 2023305023	2019347838 2020208994 2023200553	<u>H01M 10 /-</u>	2019394092	<u>H04N 5 /-</u>	<u>H04W 88 /-</u>
		2022279470 2023219945	<u>H02M 7 /-</u>	2019288394 2020271875	2019435787
<u>G06N 10 /-</u>	<u>G08C 17 /-</u>	<u>H01M 4 /-</u>	2019394092	<u>H04Q 9 /-</u>	<u>H05H 1 /-</u>
2023203061	2023200553	2023219945	<u>H02P 25 /-</u>	2023200553 2023243842	2022218120
<u>G06N 3 /-</u>	<u>G08C 23 /-</u>	<u>H01M 50 /-</u>	2024278583	<u>H04R 1 /-</u>	<u>H05K 1 /-</u>
2021387426 2022293937 2023282247 2024202871	2022210766	2022379904 2023219945	<u>H02P 5 /-</u>	2023285975	2023214378
	<u>G08C 25 /-</u>		2024278583	<u>H04W 12 /-</u>	<u>H05K 5 /-</u>
<u>G06Q 10 /-</u>	2023243842	<u>H01M 8 /-</u>	<u>H02S 20 /-</u>		2023214378
	<u>G09B 23 /-</u>	2019388977 2022291244	2023258395	2019354372 2023201446 2023201450 2024201585	<u>H10F 19 /-</u>
2022218772 2023201616 2023201623	2024202429	<u>H01Q 1 /-</u>	<u>H04B 1 /-</u>		2022458718 2024203649
<u>G06T 11 /-</u>	<u>G09C 1 /-</u>	2023202911	2020227754	<u>H04W 16 /-</u>	<u>H10F 71 /-</u>
	2020210705	<u>H01Q 21 /-</u>	<u>H04B 10 /-</u>	2019439359	2022330960 2022458718
2023282247 2024202871	<u>G16B 20 /-</u>	2023202911	2019421140	<u>H04W 24 /-</u>	
<u>G06T 15 /-</u>	2019404547	<u>H01Q 23 /-</u>	<u>H04B 7 /-</u>	2020274610	<u>H10F 77 /-</u>
2021414195	<u>G16B 30 /-</u>	2023202911	2024200629	<u>H04W 28 /-</u>	2022330960 2023200965
<u>G06T 17 /-</u>	2021387426	<u>H01Q 5 /-</u>	<u>H04L 1 /-</u>	2023210673	
2019392844	<u>G16B 35 /-</u>	2023202911	2019358050 2019421242 2020274610 2022251499	<u>H04W 36 /-</u>	
<u>G06T 19 /-</u>	2021387426	<u>H01Q 9 /-</u>		2022323667 2024200629	
2022313085	<u>G16B 40 /-</u>	2023202911	<u>H04L 12 /-</u>	<u>H04W 4 /-</u>	
<u>G06T 7 /-</u>	2021387426	<u>H01R 101 /-</u>	2021432821	2023200553 2023201450	
2021414195 2023201494 2024202871	<u>G16H 10 /-</u>	2023233079	<u>H04L 27 /-</u>	<u>H04W 40 /-</u>	
<u>G06V 10 /-</u>	2023210632	<u>H01R 13 /-</u>	2022224945	2023241312	
2023305023	<u>G16H 50 /-</u>	2022285969 2023233079	<u>H04L 67 /-</u>	<u>H04W 52 /-</u>	
<u>G06V 20 /-</u>	2021387426	<u>H02B 5 /-</u>	2019380719 2023201450 2023203021	2022224945 2022246953 2023251548	
2023201494	<u>G16H 80 /-</u>	2023204100	<u>H04L 9 /-</u>	<u>H04W 56 /-</u>	
<u>G07C 1 /-</u>	<u>G21B 3 /-</u>	<u>H02G 7 /-</u>	2019354372	2024200629	
2019295715	2022291244	2023201739	<u>H04M 1 /-</u>	<u>H04W 72 /-</u>	
<u>G07C 5 /-</u>	<u>H01G 2 /-</u>	<u>H02H 1 /-</u>	2023201446	2019421242 2022224945 2023210673 2024200629	
2024266706	2023200965	2020262304	<u>H04N 13 /-</u>		
<u>G07D 11 /-</u>	<u>H01H 1 /-</u>	<u>H02J 1 /-</u>	2023237082	<u>H04W 74 /-</u>	
2019302278	2020291513	2023251503	<u>H04N 19 /-</u>	2020240003	
<u>G07F 11 /-</u>	<u>H01H 33 /-</u>	<u>H02J 3 /-</u>	2019419130 2020227754 2023202244 2023204004	<u>H04W 76 /-</u>	
2023200813	2020291513	2019394092 2023204100	2023251419 2024200216	2019435787	
<u>G07F 19 /-</u>	<u>H01H 50 /-</u>	<u>H02J 7 /-</u>			
	2020291513	2023201704			

Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Lodged

2022211915 **Swan Hill Engineering Pty Ltd** (Central Steel Build Pty Ltd)

Opposition under Section 104(4) - Lodged

2017320901 **ProQR Therapeutics II B.V.** (Wrays Solutions Pty Ltd)

Patents Granted**Standard Patents**

2017250298	2017376884	2017383537	2018201794
2018209012	2018211336	2018228279	2018230686
2018234695	2018240376	2018248336	2018261790
2018282368	2018290975	2018291368	2018295119
2018300963	2018304963	2018315731	2018318230
2018323776	2018331517	2018340666	2018341227
2018347545	2018353958	2018355222	2018355573
2018357332	2018360566	2018363202	2018365298
2018374995	2018375145	2018377861	2018379379
2018383444	2018384079	2018385787	2018387801
2018390799	2018392215	2018400392	2018403071
2018414526	2018414543	2018415674	2018431763
2018443832	2018447611	2019200216	2019204447
2019205370	2019206295	2019209836	2019209865
2019211451	2019216929	2019218931	2019219404
2019219844	2019220341	2019220447	2019222740
2019222772	2019222995	2019223200	2019224673
2019226092	2019232660	2019233606	2019236460
2019238898	2019240135	2019240674	2019241332
2019243177	2019243661	2019244338	2019251365
2019256465	2019257213	2019257635	2019260724
2019265002	2019265877	2019270689	2019271285
2019272629	2019272711	2019272778	2019272913
2019273132	2019276359	2019277031	2019278015
2019279372	2019281965	2019282394	2019283979
2019287282	2019293378	2019295415	2019302534
2019310043	2019316505	2019316645	2019317516
2019317534	2019323086	2019323184	2019326762
2019327430	2019330606	2019334174	2019338111
2019342102	2019347754	2019348627	2019348718
2019349719	2019351324	2019351469	2019351942
2019351954	2019352746	2019357929	2019360042
2019362672	2019363244	2019364656	2019368560
2019370231	2019374042	2019375200	2019375731
2019377749	2019377757	2019385743	2019391650
2019396560	2019400398	2019401506	2019408009
2020201831	2020222400	2020225081	2020230003
2020287566	2020295019	2020302043	2020323149
2020333788	2020334188	2020334307	2020360617
2020368221	2020368363	2020396915	2020401033
2020409128	2020417332	2020418169	2020438391
2020453669	2020458979	2020463541	2020478543
2021201132	2021202371	2021202498	2021204356
2021208629	2021208776	2021211194	2021213137
2021213832	2021214805	2021218708	2021219072
2021221529	2021221561	2021229125	2021231700
2021231743	2021232712	2021238225	2021240102
2021241570	2021244914	2021245193	2021251788
2021252179	2021261556	2021266293	2021272824
2021273616	2021275053	2021275380	2021276921
2021277179	2021286159	2021290594	2021294863
2021301123	2021301958	2021307614	2021308771
2021317823	2021320236	2021320569	2021322575
2021328015	2021329410	2021336786	2021340152

Patents Granted**Standard Patents**

2021341675	2021342492	2021345867	2021347839
2021349100	2021350947	2021351645	2021352888
2021353781	2021358432	2021360515	2021365147
2021372532	2021376284	2021379136	2021385919
2021387902	2021388062	2021390159	2021394226
2021399798	2021400179	2021401737	2021401740
2021411934	2021412202	2021422127	2021426683
2021431032	2022200259	2022200272	2022200686
2022202770	2022202787	2022203153	2022203579
2022203936	2022203941	2022204320	2022204375
2022204380	2022204814	2022204854	2022204855
2022206704	2022207565	2022208208	2022209198
2022209231	2022209238	2022209269	2022209478
2022211404	2022211837	2022212935	2022214296
2022215294	2022216691	2022218495	2022218603
2022221438	2022221468	2022228123	2022228147
2022228391	2022238306	2022238441	2022240348
2022241472	2022241551	2022241640	2022252722
2022252791	2022254707	2022256190	2022260753
2022263592	2022268366	2022271435	2022271480
2022272194	2022275470	2022279449	2022282798
2022285762	2022287599	2022288445	2022291619
2022292241	2022292660	2022298186	2022300870
2022312769	2022317776	2022339895	2022343073
2022377184	2022378129	2022407332	2022411956
2022418104	2022419262	2022421027	2022445925
2022454927	2023200014	2023200126	2023200439
2023200486	2023200823	2023201010	2023201015
2023201397	2023201645	2023201672	2023201683
2023201701	2023201729	2023201796	2023201948
2023202052	2023202062	2023202110	2023202193
2023202205	2023202494	2023202600	2023202667
2023203069	2023203088	2023203230	2023203266
2023203412	2023203452	2023203460	2023203604
2023204149	2023204353	2023204653	2023204666
2023206128	2023206166	2023210599	2023216752
2023222976	2023226690	2023233213	2023237050
2023237062	2023241306	2023241370	2023250527
2023251497	2023251505	2023251535	2023274149
2023282223	2023285891	2024200950	2024201781
2024204566	2024219542		

Assignments Registered

2008205679 Taylor, Harry The patent has been assigned to **Industrial Rivet & Fastener Co.**

2010276201 ABT Holding Company The patent has been assigned to **Healios K.K.**

2011220721 Case Western Reserve University; ABT Holding Company The patent has been assigned to **Case Western Reserve University; Healios K.K.**

2011220940 ABT Holding Company The patent has been assigned to **Healios K.K.**

2012356340 Normand, Gaudry The patent has been assigned to **MARTEL, ALEXANDRE**

2013231210 ABT Holding Company The patent has been assigned to **Healios K.K.**

2013271545 Alkermes Pharma Ireland Limited The patent has been assigned to **Mural Oncology, Inc.**

2014212004 Seres Therapeutics, Inc. The patent has been assigned to **Société des Produits Nestlé S.A.**

Assignments Registered

- 2014232370 Seres Therapeutics, Inc. The patent has been assigned to **Société des Produits Nestlé S.A.**
- 2014250727 ABT Holding Company The patent has been assigned to **Healios K.K.**
- 2015202292 Case Western Reserve University; ABT Holding Company The patent has been assigned to **Case Western Reserve University; Healios K.K.**
- 2015268652 Alkermes Pharma Ireland Limited The patent has been assigned to **Mural Oncology, Inc.**
- 2015328357 Municipal Emergency Services, Inc. The patent has been assigned to **MES Life Safety, LLC**
- 2016256806 ABT Holding Company The patent has been assigned to **Healios K.K.**
- 2017201902 Fastcap Systems Corporation The patent has been assigned to **Fastcap Ultracapacitors LLC**
- 2017288566 Devenish Nutrition Limited The patent has been assigned to **Mara Renewables Corporation**
- 2017288568 Devenish Nutrition Limited The patent has been assigned to **Mara Renewables Corporation**
- 2017392255 South China Normal University The patent has been assigned to **GUANGDONG INCUBATOR TECHNOLOGY DEVELOPMENT CO., LTD**
- 2018200597 Alkermes Pharma Ireland Limited The patent has been assigned to **Mural Oncology, Inc.**
- 2019200628 Seres Therapeutics, Inc. The patent has been assigned to **Société des Produits Nestlé S.A.**
- 2019202805 Fastcap Systems Corporation The patent has been assigned to **Fastcap Ultracapacitors LLC**
- 2020100168 Campbell, Robert; Hayes, Kerry The patent has been assigned to **Tractive Motion Technologies Pty Ltd**
- 2020285252 Wu, Zetang The patent has been assigned to **Suzhou Zelin Biopharmaceutical Co., Ltd.**
- 2021104744 63963 Unit of the Chinese People's Liberation Army; Shenyang Shunyi Technology Co., Ltd. The patent has been assigned to **Shenyang Shunyi Technology Co., Ltd.**
- 2021200287 Seres Therapeutics, Inc. The patent has been assigned to **Société des Produits Nestlé S.A.**
- 2021262977 Medshine Discovery Inc. The patent has been assigned to **Suzhou Genhouse Bio Co., Ltd.**
- 2022209281 Hunt Perovskite Technologies, L.L.C. The patent has been assigned to **CubicPV Inc.**

Discharge of a Licence

- 2012214277 Discharge of a Licence was made in the Register on 20.01.2025 .

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Filed

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

- 2014336638 **NOVARTIS AG**

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Filed

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

For the goods PLUVICTO lutetium

- 2018200419 **NOVARTIS AG**

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

For the goods PLUVICTO lutetium

- 2020201086 **NOVARTIS AG**

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

For the goods PLUVICTO lutetium

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.

- 2013344778 **Endocyte, Inc.**

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

For the goods PLUVICTO lutetium

Address for service : Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street Melbourne VIC 3000 AU

- 2014336638 **NOVARTIS AG**

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

For the goods PLUVICTO lutetium

Address for service : Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street Melbourne VIC 3000 AU

- 2018200419 **NOVARTIS AG**

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

For the goods PLUVICTO lutetium

Address for service : Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street Melbourne VIC 3000 AU

- 2020201086 **NOVARTIS AG**

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

For the goods PLUVICTO lutetium

Address for service : Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street Melbourne VIC 3000 AU

- 2022231749 **Alnylam Pharmaceuticals, Inc.**

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

For the goods AMVUTTRA vutrisiran (as sodium)

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

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Extensions granted

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

2013204533 **AstraZeneca AB**

The earliest first regulatory approval date provided by the patentee 09 May 2024

For the goods TRUQAP capivasertib

Extension of Term of patent pursuant to Section 77 expires on 12 Apr 2038

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

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

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

Extension of Term of patent pursuant to Section 77 expires on 14 Jan 2039

Corrigenda

In Vol 59 , No 4 , Page(s) 547 under the heading **Applications Accepted - Name Index** Delete all reference to 2019319745.

Specifications Republished

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

2020482458 **TAISHO SKY BUILDING, INC.**
 2021393396 **BLOCK, INC.**
 2021397812 **PETRÓLEO BRASILEIRO S.A. - PETROBRAS**
 2021401628 **SEASUN THERAPEUTICS**
 2021402016 **B-TEMIA INC.**
 2021407391 **COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION; THE BOEING COMPANY**

 2021408115 **ZTE CORPORATION**
 2021413624 **NAGRAVISION SÄRL**
 2021417166 **THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES**

 2021417890 **UPL CORPORATION LIMITED; UPL EUROPE LTD**
 2021419389 **VITRAFY LIFE SCIENCES LIMITED**
 2021420292 **ZTE CORPORATION**
 2021424030 **GPI FRANKFURT & AUGSBURG GMBH**
 2021424131 **PRIOTHERA SAS; PRIOTHERA LIMITED**
 2021424417 **SEKISUI HOUSE, LTD.**
 2021425047 **W. L. GORE & ASSOCIATES, INC.**
 2021427202 **PALATOV GROUP LLC**
 2021427742 **DEUTSCHES ZENTRUM FÜR LUFT- UND RAUMFAHRT E.V.**

 2021428277 **DURACELL U.S. OPERATIONS, INC.**
 2021428990 **MITSUBISHI ELECTRIC CORPORATION**
 2021443661 **TECHNOLOGY ONE LIMITED**
 2022204289 **RIP CURRENT SPORTS, LLC**
 2022205653 **KITE PHARMA, INC.**
 2022206018 **CLEANTECH GEOMECHANICS INC.**
 2022206271 **REGENERON PHARMACEUTICALS, INC.**
 2022206663 **INSURANCE SERVICES OFFICE, INC.**
 2022207278 **AJINOMOTO CO., INC.**
 2022207569 **SINOCELLTECH LTD**
 2022208865 **SUNGROW (SHANGHAI) CO., LTD.**

Specifications Republished

2022211056 **BRII BIOSCIENCES, INC.**
 2022212276 **VAXART, INC.**
 2022212376 **FOUR PAWS PRODUCTS, LTD.**
 2022212395 **TRASIS S.A**
 2022212419 **SERCEL**
 2022212957 **CAPITAL ONE SERVICES, LLC**
 2022213571 **AMORPHICAL LTD.**
 2022214291 **VACCINVENT GMBH; UNIVERSITÄT ULM**
 2022215566 **GEOVAX, INC.; LEIDOS, INC.**
 2022215657 **TWELVE BENEFIT CORPORATION**
 2022215954 **OCTOPUS ENERGY HEATING LIMITED**
 2022216248 **ABBOTT DIABETES CARE INC.**
 2022217160 **ADS THERAPEUTICS LLC**
 2022218786 **URSCHEL LABORATORIES, INC.**
 2022219157 **VENCA RESEARCH, INC.**
 2022219748 **DIC CORPORATION**
 2022220718 **RHEINMETALL WAFFE MUNITION GMBH**
 2022221993 **ORGANIC FUEL TECHNOLOGY A/S**
 2022224638 **6K INC.**
 2022226205 **XUZHOU HEAVY MACHINERY CO., LTD.**
 2022226655 **LYELL IMMUNOPHARMA, INC.**
 2022227002 **BECTON, DICKINSON AND COMPANY**
 2022227105 **OBRIST TECHNOLOGIES GMBH**
 2022229531 **H.B. FULLER COMPANY**
 2022231184 **GENENTECH, INC.**
 2022232312 **MILWAUKEE ELECTRIC TOOL CORPORATION**
 2022232363 **PRESIDENT AND FELLOWS OF HARVARD COLLEGE**

 2022244224 **GEN1E LIFESCIENCES INC.**
 2022250444 **CUP&CINO KAFFEESYSTEM-VERTRIEB GMBH & CO. KG**

 2022265703 **F. HOFFMANN-LA ROCHE AG**
 2022266992 **F. HOFFMANN-LA ROCHE AG**
 2022300707 **HALLIBURTON ENERGY SERVICES, INC.**
 2023222943 **Huawei Technologies Co., Ltd.**