



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

Contents

General Information & Notices

Amendments

Applications for Amendment	848
Amendments Made	849
Alteration of Name(s) of Applicant(s)/Patentee(s)	851
Notice of Intention to Amend under Section 105 pursuant to the Federal Court Rules	852

Applications Accepted

Name Index	933
Numerical Index	962
IPC Index	965

Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired	845
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Applications Open to Public Inspection

Name Index	853
Numerical Index	871
IPC Index	873

Assignments before Grant, Section 113	847
---	-----

Assignments Registered	973
------------------------------	-----

Certified Innovation Patents

Name Index	970
Numerical Index	971
IPC Index	972

Complete Applications Filed

Name Index	835
Numerical Index	843

Corrigenda	974
------------------	-----

Extensions of Term of Standard Patents	974
Extensions of Time, Section 223	847
PCT applications which have entered the National Phase	
Name Index	876
Numerical Index	921
IPC Index	926
Patents Granted	973
Provisional Applications Filed	
Name Index	831
Numerical Index	834
Revocation	973
Specifications Republished	974

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 28 Jan 2025 .

(71) Aeterna Health (21) 2025900246 (22) 30.01.2025 (54) Compositions and methods of immunotherapy – II	(71) Ayonz Pty Limited (21) 2025900247 (22) 30.01.2025 (54) Kettle	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2025900261 (22) 31.01.2025 (54) Depth camera noise model
(71) Aeterna Health (21) 2025900248 (22) 30.01.2025 (54) Compositions and methods of immunotherapy	(71) Backtech Pty Ltd (21) 2025900224 (22) 29.01.2025 (54) Delithiated beta spodumene as a sustainable binder in cemented paste backfill	(71) Crowne, D. (21) 2025900273 (22) 02.02.2025 (54) The Ness/AC Barrel StopPrototype is designed to connect seamlessly to air conditioning units for thorough cleaning.
(71) AgResearch Limited (21) 2025900241 (22) 30.01.2025 (54) Spectral Imaging System and Method	(71) Blakeway, M. (21) 2025900275 (22) 03.02.2025 (54) Adjustable side wheels to a wheelbarrow	(71) Eker, B. (21) 2025900289 (22) 04.02.2025 (54) System and Method for AI-Driven Transaction Security, Dual-Consent Authentication, and Vishing-Resistant Fraud Prevention
(71) Al-Kisswani perfumes (21) 2025900228 (22) 29.01.2025 (54) Automated Perfume Spray Vending Machine	(71) Caluna Pty Limited (21) 2025900286 (22) 03.02.2025 (54) Compact Personal Fold Up Travelling Smoke Alarm	(71) Fahy, A. (21) 2025900272 (22) 02.02.2025 (54) Improved mobile phone camera
(71) Amarasingha Arachchilage, H.E.A. (21) 2025900270 (22) 02.02.2025 (54) Novel Wave Energy Apparatus for Power Generation with Motion Rectification and Power Smoothing Mechanism	(71) Capelli, M. (21) 2025900291 (22) 04.02.2025 (54) Watersports Deck Pad	(71) Freddy, S. (21) 2025900245 (22) 30.01.2025 (54) Finless electric propulsion body board
(71) ASHURST AUSTRALIA (21) 2025900227 (22) 29.01.2025 (54) Development of a novel solution for decalcification of a heavily calcified Common femoral artery and its bifurcation with a cavitron ultrasonic surgical aspirator.	(71) CAT ST PTY LTD (21) 2025900285 (22) 03.02.2025 (54) Handle Attachment Assembly	(71) Glencore Technology Pty Limited (21) 2025900234 (22) 29.01.2025 (54) A process for black copper leaching
(71) Audinate Holdings Pty Limited (21) 2025900276 (22) 03.02.2025 (54) Methods, systems and devices for managing transmission of data in a media network	(71) Ceres Tag Ltd (21) 2025900294 (22) 04.02.2025 (54) Animal Tag Assembly	Glucina, M. see Gobindlal, K. (21) 2025900232
	(71) Children's Medical Research Institute (21) 2025900265 (22) 31.01.2025 (54) Prognostic signature for pancreatic cancer	(71) Gobindlal, K.; Glucina, M. (21) 2025900232 (22) 29.01.2025 (54) A MECHANOCHEMICAL METHOD FOR TREATING MATERIALS

Provisional Applications Filed - Name Index cont'd

(71) Guina ePropulsion Pty Ltd
(21) 2025900279 (22) 03.02.2025
(54) AN AXIAL FLUX PERMANENT MAGNET APPARATUS

(71) Helvin Pty Ltd
(21) 2025900268 (22) 31.01.2025
(54) A Post & Rail Assembly

(71) Heparin Therapeutics Limited
(21) 2025900235 (22) 29.01.2025
(54) Method of treatment

(71) Illinois Tool Works Inc.
(21) 2025900282 (22) 03.02.2025
(54) A joint edge protection apparatus – edge protection second pour bracket

(71) Illinois Tool Works Inc.
(21) 2025900283 (22) 03.02.2025
(54) A joint edge protection apparatus – free-standing foot

(71) Intellectual Property Development Corporation Pty Ltd
(21) 2025900300 (22) 04.02.2025
(54) EMBOSSED METALLIC FOILS HAVING IMPROVED COMBINATIONS OF PROPERTIES

(71) Ketim Therapeutics Pty Ltd
(21) 2025900249 (22) 30.01.2025
(54) Methods for diagnosing, monitoring and treating a psychological or neurological disorder

(71) Ketim Therapeutics Pty Ltd
(21) 2025900250 (22) 30.01.2025
(54) Methods for diagnosing, monitoring and treating a psychological or neurological disorder (II)

(71) maharaj, v.
(21) 2025900256 (22) 31.01.2025
(54) AI-Based Real-Time Emergency Call Triage and Routing System

(71) Malpress, R.
(21) 2025900271 (22) 02.02.2025
(54) Road-Trailable Off-Road Vehicle

(71) Marschall, M.
(21) 2025900280 (22) 03.02.2025
(54) GROUND DRIVEN SUPERCHARGER SYSTEM FOR VEHICLES

(71) Mat & Kin Pty Ltd
(21) 2025900258 (22) 31.01.2025
(54) ARTICLE OF FURNITURE

(71) MCA Engineering Pty Ltd
(21) 2025900229 (22) 29.01.2025
(54) Apparatus and Method for Handling Equipment.

(71) Medxcel Pty Ltd
(21) 2025900242 (22) 30.01.2025
(54) Medical device

(71) Meissner, N.
(21) 2025900251 (22) 30.01.2025
(54) REAR BUILT-IN CAR SEATS THAT COVERT INTO CHILD SAFETY SEATS

(71) Menzies, G.
(21) 2025900277 (22) 03.02.2025
(54) A Pallet Assembly

(71) Mierisch, R.
(21) 2025900292 (22) 04.02.2025
(54) Storevac Hot Water Service

(71) Mnatsakanyan, M.
(21) 2025900230 (22) 29.01.2025
(54) A DEVICE AND SYSTEM FOR GENERATING A DIGITAL TWIN OF A PHYSICAL INSTRUMENT AND AUTONOMOUS REGULATORY COMPLIANCE

(71) Murdoch Children's Research Institute
(21) 2025900278 (22) 03.02.2025
(54) Methods for determining quality control in kidney organoid manufacture

(71) NewSouth Innovations Pty Limited
(21) 2025900290 (22) 04.02.2025
(54) Electrolyte for energy storage composites

(71) Nova Eye, Inc.
(21) 2025900262 (22) 31.01.2025
(54) IMPROVED METHOD AND APPARATUS FOR TREATING GLAUCOMA AND OTHER OPHTHALMIC CONDITIONS

(71) OceanR Pty Ltd
(21) 2025900226 (22) 29.01.2025
(54) A Method for the Cultivation of Marine Species, and a Method for the Rehabilitation of a Seabed Using Cultivated Marine Species

(71) Peter Bird Group Pty Ltd
(21) 2025900237 (22) 30.01.2025
(54) Flood barrier

(71) PREPPRO AUSTRALIA PTY LTD
(21) 2025900274 (22) 02.02.2025
(54) Self-Heating Thermos Using a Flameless Ration Heater

(71) PWS Systems Pty Ltd
(21) 2025900253 (22) 30.01.2025
(54) Manual Gel Stemming Delivery System

(71) QMR (IP) PTY LTD
(21) 2025900118 (22) 15.01.2025
(54) A DETONATOR FOR EXPLOSIVES

(71) Raza, A.
(21) 2025900260 (22) 31.01.2025
(54) Invention Title: Real-Time Interactive Vehicle Accessory Customization System Category: Automotive Technology / Vehicle Customization & Accessories

(71) RE3 PTY LTD
(21) 2025900243 (22) 30.01.2025
(54) Modular and Transportable Resource Recovery Plant

(71) Scolaro, A.
(21) 2025900225 (22) 29.01.2025
(54) A Power Drive

(71) Sheward, M.
(21) 2025900287 (22) 04.02.2025
(54) Load restraint roller device

(71) Signify Holding B.V.
(21) 2025900244 (22) 30.01.2025
(54) Method and device for retaining an electrical component

(71) Subrib Pty Ltd
(21) 2025900255 (22) 30.01.2025
(54) APPARATUS FOR ASSISTING IN PREVENTING EROSION OF A SURFACE SURROUNDING A STRUCTURE

(71) Subrib Pty Ltd
(21) 2025900266 (22) 31.01.2025
(54) APPARATUS FOR ASSISTING IN PREVENTING EROSION OF A SURFACE SURROUNDING A STRUCTURE

(71) Sydekick Robotics Pty Ltd
(21) 2025900257 (22) 31.01.2025
(54) Method and System for Feedback Data Collection

(71) The University of Melbourne
(21) 2025900263 (22) 31.01.2025
(54) Modified Crop Plants

Provisional Applications Filed - Name Index cont'd

(71) The University of Sydney (21) 2025900252 (22) 30.01.2025 (54) X-ray motion tomography for motion compensation and ventilation imaging	(71) Xero Limited (21) 2025900233 (22) 29.01.2025 (54) Systems, methods and computer readable media for evaluating machine learning models
(71) The University of Sydney (21) 2025900267 (22) 31.01.2025 (54) Indoor localization system	(71) Xero Limited (21) 2025900259 (22) 31.01.2025 (54) Systems, methods and computer program products for reconciling financial records
(71) Tianqi Lithium Kwinana Pty Ltd (21) 2025900231 (22) 29.01.2025 (54) A Process for Producing a Construction Material	(71) ZHU, Y. (21) 2025900269 (22) 01.02.2025 (54) SYSTEM AND METHOD FOR RELATIVE MASS based CLUSTERING
(71) Toase, R. (21) 2025900264 (22) 31.01.2025 (54) Fishing lure	(71) Zumbo, C. (21) 2025900254 (22) 30.01.2025 (54) Soundproof Portable Enclosures for Devices. A way to carry/store your phone which blocks audible human speech whilst maintaining connectivity to networks.
(71) Vater, L. (21) 2025900281 (22) 03.02.2025 (54) A SLIDING DOOR/GATE ARRANGEMENT	
(71) Veganic SKN PTY LTD (21) 2025900238 (22) 30.01.2025 (54) Zinc Sunscreen Formulation with Enhanced Anti-Aging, Cellular Protection, UV Damage Mitigation, and Moisturizing Properties	
(71) Veganic SKN PTY LTD (21) 2025900239 (22) 30.01.2025 (54) Zinc Oxide Sunscreen Enriched with Spirulina Extract for Enhanced Protection against Free Radical-Induced Damage	
(71) Veganic SKN PTY LTD (21) 2025900240 (22) 30.01.2025 (54) Sunscreen Composition Containing Zinc Oxide and White Sapphire for Enhanced UVB Protection	
(71) Vetanda Korea Limited (21) 2025900288 (22) 04.02.2025 (54) NUTRACEUTICAL FORMULATIONS	
(71) WHITELEY CORPORATION PTY LTD (21) 2025900284 (22) 03.02.2025 (54) NAC derivatives for inhibiting Urinary Catheter Encrustation	
(71) WIREMAN PTY LIMITED (21) 2025900293 (22) 04.02.2025 (54) An Improved Wire Grabber	

Numerical Index

2025900118	QMR (IP) PTY LTD	2025900290	NewSouth Innovations Pty Limited
2025900224	Backtech Pty Ltd	2025900291	Capelli, M.
2025900225	Scolaro, A.	2025900292	Mierisch, R.
2025900226	OceanR Pty Ltd	2025900293	WIREMAN PTY LIMITED
2025900227	ASHURST AUSTRALIA	2025900294	Ceres Tag Ltd
2025900228	Al-Kisswani perfumes	2025900300	Intellectual Property Development Corporation Pty Ltd
2025900229	MCA Engineering Pty Ltd		
2025900230	Mnatsakanyan, M.		
2025900231	Tianqi Lithium Kwinana Pty Ltd		
2025900232	Gobindlal, K.; Glucina, M.		
2025900233	Xero Limited		
2025900234	Glencore Technology Pty Limited		
2025900235	Heparin Therapeutics Limited		
2025900236	Central SEQ Distributor - Retailer Authority		
2025900237	Peter Bird Group Pty Ltd		
2025900238	Veganic SKN PTY LTD		
2025900239	Veganic SKN PTY LTD		
2025900240	Veganic SKN PTY LTD		
2025900241	AgResearch Limited		
2025900242	Medxcel Pty Ltd		
2025900243	RE3 PTY LTD		
2025900244	Signify Holding B.V.		
2025900245	Freddy, S.		
2025900246	Aeterna Health		
2025900247	Ayonz Pty Limited		
2025900248	Aeterna Health		
2025900249	Ketim Therapeutics Pty Ltd		
2025900250	Ketim Therapeutics Pty Ltd		
2025900251	Meissner, N.		
2025900252	The University of Sydney		
2025900253	PWS Systems Pty Ltd		
2025900254	Zumbo, C.		
2025900255	Subrib Pty Ltd		
2025900256	maharaj, v.		
2025900257	Sydekick Robotics Pty Ltd		
2025900258	Mat & Kin Pty Ltd		
2025900259	Xero Limited		
2025900260	Raza, A.		
2025900261	Commonwealth Scientific and Industrial Research Organisation		
2025900262	Nova Eye, Inc.		
2025900263	The University of Melbourne		
2025900264	Toase, R.		
2025900265	Children's Medical Research Institute		
2025900266	Subrib Pty Ltd		
2025900267	The University of Sydney		
2025900268	Helvin Pty Ltd		
2025900269	ZHU, Y.		
2025900270	Amarasingha Arachchilage, H.E.A.		
2025900271	Malpress, R.		
2025900272	Fahy, A.		
2025900273	Crowne, D.		
2025900274	PREPPRO AUSTRALIA PTY LTD		
2025900275	Blakeway, M.		
2025900276	Audinate Holdings Pty Limited		
2025900277	Menzies, G.		
2025900278	Murdoch Children's Research Institute		
2025900279	Guina ePropulsion Pty Ltd		
2025900280	Marschall, M.		
2025900281	Vater, L.		
2025900282	Illinois Tool Works Inc.		
2025900283	Illinois Tool Works Inc.		
2025900284	WHITELEY CORPORATION PTY LTD		
2025900285	CAT ST PTY LTD		
2025900286	Caluna Pty Limited		
2025900287	Sheward, M.		
2025900288	Vetanda Korea Limited		
2025900289	Eker, B.		

Complete Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 28 Jan 2025 .

. (*) Title not in Roman characters

. (**) Title not given

(71) ABB Schweiz AG
(21) 2025200564 (22) 29.01.2025
(54) Information device for controlling a display of information

(71) Actym Therapeutics, Inc.
(21) 2025200704 (22) 03.02.2025
(54) IMMUNOSTIMULATORY BACTERIA ENGINEERED TO COLONIZE TUMORS, TUMOR-RESIDENT IMMUNE CELLS, AND THE TUMOR MICROENVIRONMENT

(71) Aiper Global Pte. Ltd.
(21) 2025200637 (22) 30.01.2025
(54) SIDEWAYS MOVEMENT METHOD FOR POOL CLEANING APPARATUS AND CORRESPONDING POOL CLEANING APPARATUS

(71) Air Stayz Pty Limited
(21) 2025200690 (22) 31.01.2025
(54) Methods and systems for booking resources and access management of booked resources

(71) Alcon Inc.
(21) 2025200645 (22) 31.01.2025
(54) INTRAOCULAR LENS PLATFORM HAVING IMPROVED HAPTIC FORCE DISTRIBUTION

(71) Alector LLC
(21) 2025200655 (22) 31.01.2025
(54) Anti-TREM2 antibodies and methods of use thereof

(71) Alexion Pharmaceuticals, Inc.
(21) 2025200709 (22) 03.02.2025
(54) Monovalent anti-properdin antibodies and antibody fragments

(71) Allergan Industrie, SAS
(21) 2025200670 (22) 31.01.2025
(54) Implants for sculpting, augmenting or correcting facial features such as the chin

(71) Altronic Distributors Pty Ltd
(21) 2025200695 (22) 31.01.2025
(54) Shroud and Speaker Assembly

(71) Amgen Inc.
(21) 2025200635 (22) 30.01.2025
(54) Activation mechanism for drug delivery device

(71) Amgen Inc.
(21) 2025200735 (22) 03.02.2025
(54) Low-viscosity antigen binding proteins and methods of making them

(71) Amicus Therapeutics, Inc.
(21) 2025200698 (22) 01.02.2025
(54) VARIANT IGF2 CONSTRUCTS

(71) Angel Group Co., Ltd.
(21) 2025200570 (22) 29.01.2025
(54) Method for shuffling playing cards

(71) Angel Group Co., Ltd.
(21) 2025200600 (22) 29.01.2025
(54) CAGE SYSTEM, AND CHIP MANAGEMENT SYSTEM

(71) Angel Group Co., Ltd.
(21) 2025200656 (22) 31.01.2025
(54) CARD DISCARDING DEVICE FOR TABLETOP GAME

(71) Angel Group Co., Ltd.
(21) 2025200763 (22) 04.02.2025
(54) PACKING BOX FOR SHUFFLED PLAYING CARDS

(71) Anxo Pharmaceutical Co., Ltd.
(21) 2025200733 (22) 03.02.2025
(54) PHARMACEUTICAL COMPOSITION AND METHOD USING THE SAME

(71) Aristocrat Technologies Australia Pty Limited
(21) 2025200675 (22) 31.01.2025
(54) SYSTEMS AND METHODS FOR COMMUNICATIONS BETWEEN ELECTRONIC GAMING MACHINES, A PROGRESSIVE SYSTEM SERVER, AND OVERHEAD SIGNAGE

(71) Aristocrat Technologies Australia Pty Limited
(21) 2025200677 (22) 31.01.2025

(54) SYSTEMS AND METHODS FOR COMMUNICATIONS BETWEEN ELECTRONIC GAMING MACHINES, A PROGRESSIVE SYSTEM SERVER, AND OVERHEAD SIGNAGE

(71) Aristocrat Technologies Australia Pty Limited
(21) 2025200707 (22) 03.02.2025
(54) Gaming System and Method for Modifying a Wager Game

(71) Aristocrat Technologies Australia Pty Limited
(21) 2025200760 (22) 04.02.2025
(54) AN ELECTRONIC METHOD OF GAMING, A GAME CONTROLLER AND A GAMING SYSTEM

(71) Asahi Group Holdings, Ltd.
(21) 2025200687 (22) 31.01.2025
(54) Milk-substitute composition containing yeast cell body residue

(71) Astes4 SA
(21) 2025200563 (22) 29.01.2025
(54) Sheet Handling Apparatus with Automatic Removal of Separating Foil and Method Thereof

(71) AstraZeneca AB
(21) 2025200594 (22) 29.01.2025
(54) METHODS FOR TREATING CHRONIC OBSTRUCTIVE PULMONARY DISEASE IN AN ENHANCED PATIENT POPULATION USING BENRALIZUMAB

(71) Audentes Therapeutics, Inc.
(21) 2025200686 (22) 31.01.2025
(54) Nucleic acid molecules containing spacers and methods of use thereof

(71) Austin Star Detonator Company
(21) 2025200626 (22) 30.01.2025
(54) Improved communications in electronic detonators

(71) Automatic Technology (Australia) Pty Ltd
(21) 2025200627 (22) 30.01.2025
(54) A clutch assembly

Complete Applications Filed - Name Index cont'd

(71) Avedro, Inc. (21) 2025200578 (22) 29.01.2025 (54) SYSTEM FOR EYE TRACKING DURING EYE TREATMENT	(71) Boston Scientific Scimed, Inc. (21) 2025200674 (22) 31.01.2025 (54) Laser systems and methods	(71) Chengdu Newsun Crop Science Co., Ltd. (21) 2025200596 (22) 29.01.2025 (54) ZINGIBERACEAE PLANT EXTRACT AND COMPOSITION THEREOF AND USE IN PEST CONTROL
(71) Bandit Industries, Inc. (21) 2025200726 (22) 03.02.2025 (54) MATERIAL PROCESSING MACHINE WITH REMOVABLE SCREEN CRADLE ASSEMBLY	(71) Boston Scientific Scimed, Inc. (21) 2025200684 (22) 31.01.2025 (54) System and method for endoscopic video enhancement, quantitation and surgical guidance	(71) Chevron Oronite Company LLC; Chevron U.S.A. Inc. (21) 2025200758 (22) 04.02.2025 (54) Composition and method for preventing or reducing low speed pre-ignition in spark-ignited internal combustion engines
(71) BAUER Maschinen GmbH (21) 2025200636 (22) 30.01.2025 (54) METHOD AND DEVICE FOR PRODUCING A FOUNDATION ELEMENT IN THE GROUND FROM A SOIL MORTAR	(71) Bridgestone Corporation (21) 2025200610 (22) 30.01.2025 (54) METHODS FOR PRODUCING POLY-ISOPRENE LATEX DISPERSIONS	(71) Chevron U.S.A. Inc. see Chevron Oronite Company LLC (21) 2025200758
(71) Beijing Youcarekechuang Pharmaceutical Technology Co., Ltd. (21) 2025200583 (22) 29.01.2025 (54) Lipid composition targeting antigen-presenting cells and use thereof	(71) Britax Childcare Pty Ltd (21) 2025200618 (22) 30.01.2025 (54) POSITION INDICATOR FOR A CHILD RESTRAINT	(71) CiiLOCK Engineering Pty Ltd (21) 2025200762 (22) 04.02.2025 (54) Over Centre Fastener
(71) Benedek, A. (21) 2025200632 (22) 30.01.2025 (54) FLIGHT MANAGEMENT APPARATUS, FLYING OBJECT, FLIGHT MANAGEMENT SYSTEM, FLIGHT MANAGEMENT METHOD, FLIGHT CONTROL METHOD AND PROGRAM	(71) Canon Kabushiki Kaisha (21) 2025200587 (22) 29.01.2025 (54) Process cartridge and electrophotographic image forming apparatus	(71) Clarity Pharmaceuticals Limited (21) 2025200642 (22) 30.01.2025 (54) Formulations and Kits for Radiotherapy and Diagnostic Imaging
(71) Bios-Therapy, Physiological Systems for Health S.p.A. (21) 2025200734 (22) 03.02.2025 (54) A NATURAL MATRIX WITH THERAPEUTIC ACTIVITY THROUGH A PHYSIOLOGICAL NETWORK MECHANISM OF ACTION (NOT PHARMACOLOGICAL) FOR RESTORING HOMEOSTASIS IN TISSUES INFILTRATED BY CANCER CELLS	(71) Canon Kabushiki Kaisha (21) 2025200688 (22) 31.01.2025 (54) Toner cartridge and image forming apparatus	(71) Clover Network, LLC (21) 2025200555 (22) 28.01.2025 (54) Shared controller for system with multiple NFC readers
(71) Bonti, Inc. (21) 2025200598 (22) 29.01.2025 (54) Botulinum neurotoxins for use in therapy	(71) Cao, L. (21) 2025200664 (22) 31.01.2025 (54) An insert for an article of headwear	(71) Conex IPR Limited (21) 2025200692 (22) 31.01.2025 (54) FITTING FOR CONNECTING TO A TUBULAR ELEMENT, TUBING CONNECTION AND A METHOD FOR CONNECTING A FITTING TO A TUBULAR ELEMENT
(71) Boston Scientific Limited (21) 2025200581 (22) 29.01.2025 (54) Adaptable devices, system, and methods for providing sealable access to a working channel	(71) CATERPILLAR INC. (21) 2025200586 (22) 29.01.2025 (54) METHOD FOR REAL-TIME HYDRAULIC CYLINDER DRIFT MONITORING	(71) Control Components, Inc. (21) 2025200714 (22) 03.02.2025 (54) Fluid control valve with replaceable trim cartridge
(71) Boston Scientific Scimed, Inc. (21) 2025200631 (22) 30.01.2025 (54) Endoscopic tissue approximation system and methods	(71) CATERPILLAR INC. (21) 2025200592 (22) 29.01.2025 (54) EXCAVATION SYSTEM HAVING OPERATOR INITIATED WORK-TOOL SHAKE	(71) Converter Manufacturing, LLC (21) 2025200589 (22) 29.01.2025 (54) Tray having nested drainage platform
	(71) CATERPILLAR INC. (21) 2025200625 (22) 30.01.2025 (54) Undercarriage wear prediction based on machine vibration data	(71) COOPERVISION INTERNATIONAL LIMITED (21) 2025200693 (22) 31.01.2025 (54) Contact lenses and methods relating thereto
	(71) CGG Services SAS (21) 2025200572 (22) 29.01.2025 (54) Multi-source with inline offset and method	(71) Corteva Agriscience LLC (21) 2025200728 (22) 03.02.2025

Complete Applications Filed - Name Index cont'd

(54) Molecule having pesticidal utility, and compositions, and processes, related thereto

(71) Cricut, Inc.

(21) 2025200569 (22) 29.01.2025

(54) HEAT PRESS, COMPONENTS, APPARATUSES, SYSTEMS, AND METHODS

(71) CubicPV Inc.

(21) 2025200605 (22) 30.01.2025

(54) TITANATE INTERFACIAL LAYERS IN PEROVSKITE MATERIAL DEVICES

(71) Curonix LLC

(21) 2025200752 (22) 04.02.2025

(54) SYSTEMS AND METHODS TO SENSE STIMULATION ELECTRODE TISSUE IMPEDANCE

(71) Dana-Farber Cancer Institute, Inc.

(21) 2025200665 (22) 31.01.2025

(54) Modular tetravalent bispecific antibody platform

Dana-Farber Cancer Institute, Inc. see President and Fellows of Harvard College

(21) 2025200694

(71) DDP SPECIALTY ELECTRONIC MATERIALS US, LLC

(21) 2025200668 (22) 31.01.2025

(54) METHOD AND SYSTEM FOR RECOVERING LITHIUM FROM BRINE

(71) Deere & Company

(21) 2025200601 (22) 30.01.2025

(54) Method for non-contact ground moisture level estimation at various depths using reflected energy at a work machine

(71) Deere & Company

(21) 2025200619 (22) 30.01.2025

(54) Systems and methods for moisture driven water application

(71) Deere & Company

(21) 2025200624 (22) 30.01.2025

(54) Systems and methods for moisture driven material application

(71) Deere & Company

(21) 2025200647 (22) 31.01.2025

(54) Non-contact ground moisture level estimation at various depths using reflected energy at a work machine

(71) Denali Therapeutics Inc.

(21) 2025200658 (22) 31.01.2025

(54) Compounds, compositions and methods

(71) Derrick Corporation

(21) 2025200660 (22) 31.01.2025

(54) COMPRESSION APPARATUSES, SYSTEMS AND METHODS FOR SCREENING MATERIALS

(71) Derrick Corporation

(21) 2025200661 (22) 31.01.2025

(54) COMPRESSION APPARATUSES, SYSTEMS AND METHODS FOR SCREENING MATERIALS

(71) Dolby International AB

(21) 2025200567 (22) 29.01.2025

(54) PROCESSING OF AUDIO SIGNALS DURING HIGH FREQUENCY RECONSTRUCTION

(71) Dolby International AB

(21) 2025200617 (22) 30.01.2025

(54) Cross Product Enhanced Subband Block Based Harmonic Transposition

(71) Dolby International AB

(21) 2025200621 (22) 30.01.2025

(54) Cross Product Enhanced Subband Block Based Harmonic Transposition

(71) Dometic Sweden AB

(21) 2025200685 (22) 31.01.2025

(54) Portable shelter

(71) Ecoglo International Limited

(21) 2025200716 (22) 03.02.2025

(54) Hybrid LED / Photoluminescent Signs

(71) Edwards Lifesciences Corporation

(21) 2025200585 (22) 29.01.2025

(54) Heart valve sealing devices and delivery devices therefor

(71) Egalon, C.

(21) 2025200745 (22) 03.02.2025

(54) SYSTEMS AND METHODS OF SIDE ILLUMINATION OF WAVEGUIDES

(71) Elanco US Inc.

(21) 2025200602 (22) 30.01.2025

(54) A 7H-pyrrolo[2,3-d]pyrimidine JAK-inhibitor

(71) ELI LILLY AND COMPANY

(21) 2025200574 (22) 29.01.2025

(54) Methods Of Treating Cancer Using A Combination Of SERD Dosing Regimens

Everhard Products, Inc. see The Nolan Company

(21) 2025200696

(71) Evero

(21) 2025200667 (22) 31.01.2025

(54) Compositions and methods for treating obstructive sleep apnea

(71) FISHER & PAYKEL HEALTHCARE LIMITED

(21) 2025200616 (22) 30.01.2025

(54) ADAPTOR FOR RESPIRATORY ASSISTANCE SYSTEMS

(71) Flagship Pioneering Innovations V, Inc.

(21) 2025200749 (22) 04.02.2025

(54) Compositions for facilitating membrane fusion and uses thereof

(71) Footprint International, LLC

(21) 2025200739 (22) 03.02.2025

(54) Methods and apparatus for manufacturing fiber-based food containers

(71) FORMA Therapeutics, Inc.

(21) 2025200607 (22) 30.01.2025

(54) INHIBITING CYCLIC AMP-RESPONSIVE ELEMENT-BINDING PROTEIN (CREB)

(71) Fotogears Trading (Guangzhou) Limited

(21) 2025200628 (22) 30.01.2025

(54) Energy compensation device and cradle machine

(71) Frank's International, LLC

(21) 2025200599 (22) 29.01.2025

(54) Extended Range Spider

(71) GammaDelta Therapeutics Limited; King's College London

(21) 2025200577 (22) 29.01.2025

(54) BTNL3/8 targeting constructs for delivery of payloads to the gastrointestinal system

(71) Gilead Sciences, Inc.

(21) 2025200753 (22) 04.02.2025

(54) HBV vaccines and methods treating HBV

(71) GUANGDONG MIDEA KITCHEN AND BATH APPLIANCES MFG. CO., LTD.;

Complete Applications Filed - Name Index cont'd

WUHU MIDEA KITCHEN AND BATH APPLIANCES MFG. CO., LTD. (21) 2025200612 (22) 30.01.2025 (54) TANK MOUNTING STRUCTURE FOR WATER HEATER AND WATER HEATER	(71) Illinois Tool Works Inc. (21) 2025200634 (22) 30.01.2025 (54) Strip of fasteners and fastening system	Kabushiki Kaisha Toshiba see Toshiba Energy Systems & Solutions Corporation (21) 2025200751
(71) Haemonetics Corporation (21) 2025200662 (22) 31.01.2025 (54) System and method for collecting plasma	(71) Implantica Patent Ltd (21) 2025200560 (22) 28.01.2025 (54) An apparatus for treating gerd	(71) Kabushiki Kaisha Toshiba (21) 2025200754 (22) 04.02.2025 (54) State diagnosis system, state diagnosis method, and electrolysis system
(71) Halliburton Energy Services, Inc. (21) 2025200679 (22) 31.01.2025 (54) ADVANCED PULLING PRONG	(71) Ingham, S. (21) 2025200706 (22) 03.02.2025 (54) Gutter System	(71) Khalid, W. (21) 2025200552 (22) 28.01.2025 (54) Nanostructure array based sensors for electrochemical sensing, capacitive sensing and field-emission sensing
Hanratty, B. see HELM, T. (21) 2025200747	(71) INNAVASC MEDICAL, INC. (21) 2025200623 (22) 30.01.2025 (54) Vascular arteriovenous graft	King's College London see GammaDelta Therapeutics Limited (21) 2025200577
(71) HELM, T. (21) 2025200702 (22) 02.02.2025 (54) Structured Intelligence Refinement (SIR) for AI Cognition Stability and Optimization	(71) Ishida Co., Ltd. (21) 2025200620 (22) 30.01.2025 (54) BAGMAKING AND PACKAGING APPARATUS	(71) Kondex Corporation (21) 2025200609 (22) 30.01.2025 (54) CONCAVE WITH ADJUSTABLE OPENINGS
(71) HELM, T.; Hanratty, B. (21) 2025200747 (22) 04.02.2025 (54) Harmonic Resonance Engineering	(71) jaggard, s. (21) 2025200703 (22) 02.02.2025 (54) Rotating Thermal Energy System for Mars	(71) Lashify, Inc. (21) 2025200652 (22) 31.01.2025 (54) Artificial lash extensions
(71) Honeywell International Inc. (21) 2025200676 (22) 31.01.2025 (54) Plant state operating analysis and control	(71) jaggard, s. (21) 2025200708 (22) 03.02.2025 (54) AI-Optimized Wind Tunnel and Thermal Energy System for Enhanced Phase-Change Power Generation	(71) Lieber Institute, Inc. (21) 2025200580 (22) 29.01.2025 (54) Pyridine carboxamide compounds for inhibiting Nav1.8
(71) HOVSEPIAN, R. (21) 2025200614 (22) 30.01.2025 (54) Device mounting bracket for a vehicle interior mirror	(71) James Edwin Dally (21) 2025200757 (22) 04.02.2025 (54) Touchless glove application systems	(71) Lifetime Products, Inc. (21) 2025200718 (22) 03.02.2025 (54) Clamshell basketball system
(71) HOWMEDICA OSTEONICS CORP. (21) 2025200575 (22) 29.01.2025 (54) AUGMENTED GLENOID DESIGN	(71) Jenscare Scientific Co., Ltd. (21) 2025200571 (22) 29.01.2025 (54) Heart valve prosthesis fixed through interventricular septum	(71) Lightcast Discovery Ltd (21) 2025200606 (22) 30.01.2025 (54) Microdroplet manipulation device
(71) Huawei Technologies Co., Ltd. (21) 2025200568 (22) 29.01.2025 (54) METHOD FOR INDICATING UPLINK PARAMETER OF PPDU AND RELATED APPARATUS	(71) Johnson & Johnson Consumer Inc. (21) 2025200666 (22) 31.01.2025 (54) High-throughput method for detecting tooth stain prevention and removal	(71) Lipofabrik (21) 2025200537 (22) 25.01.2025 (54) BIOSTIMULANT COMPOSITION FOR PLANT GROWTH, CONTAINING LIPOPEPTIDES
(71) Hulu, LLC (21) 2025200691 (22) 31.01.2025 (54) Real-time geo-locked content delivery network tokens	(71) Joy Global Surface Mining Inc (21) 2025200712 (22) 03.02.2025 (54) System and method for operating a mining machine with respect to a geofence using a dynamic operation zone	(71) Lockie, G. (21) 2025200710 (22) 03.02.2025 (54) Improved battery swapping system for electric automobiles and freight vehicles
(71) iAxept Limited (21) 2025200629 (22) 30.01.2025 (54) Remote transaction system, method and point of sale terminal	(71) Kabushiki Kaisha Toshiba (21) 2025200689 (22) 31.01.2025 (54) Electrolysis device and method of controlling electrolysis device	(71) Marchesan Implementos e Máquinas Agrícolas Tatu S.A. (21) 2025200681 (22) 31.01.2025 (54) Disk drive for agricultural equipment, and agricultural equipment

Complete Applications Filed - Name Index cont'd

(71) Mathers Hydraulics Technologies Pty Ltd
(21) 2025200643 (22) 30.01.2025
(54) Power Amplification, Storage And Regeneration System And Method Using Tides, Waves And/Or Wind

(71) McKenna, E.
(21) 2025200731 (22) 03.02.2025
(54) Compositions and methods for the treatment of hepatic diseases and disorders

(71) MEI S.r.l.
(21) 2025200648 (22) 31.01.2025
(54) Machine and method for cleaning lenses, like eyeglass lenses

(71) MEI S.r.l.
(21) 2025200663 (22) 31.01.2025
(54) Gripper device for releasably holding a lens, a handling system and a machine for processing lenses

Merck Patent GmbH see Vertex Pharmaceuticals Incorporated
(21) 2025200711

(71) Merck Sharp & Dohme LLC
(21) 2025200630 (22) 30.01.2025
(54) Purification process for removal of tyrosine sulfation antibody variants; purified compositions

(71) Merz Pharmaceuticals, LLC
(21) 2025200588 (22) 29.01.2025
(54) Surfactant Formulations for Inhalation

(71) Michal, V.
(21) 2025200671 (22) 31.01.2025
(54) Book with Backlit Pages

(71) MiTek Holdings, Inc.
(21) 2025200700 (22) 01.02.2025
(54) LIGHT GAUGE STEEL MOMENT FRAME WALL ASSEMBLY WITH SHEAR PANEL

(71) Mobiltex Data Ltd.
(21) 2025200597 (22) 29.01.2025
(54) SYSTEM AND METHODS FOR GROUND BED END OF LIFE PREDICTION

(71) Mullet Tools, LLC
(21) 2025200576 (22) 29.01.2025
(54) Monolithic dust separator

(71) Novo Nordisk A/S
(21) 2025200604 (22) 30.01.2025

(54) Procoagulant antibodies

(71) NuTrae, LLC
(21) 2025200682 (22) 31.01.2025
(54) Encapsulated cannabinoid formulations for oral delivery

(71) NuTrae, LLC
(21) 2025200683 (22) 31.01.2025
(54) Encapsulated cannabinoid formulations for transdermal delivery

(71) Nuvera Fuel Cells, LLC
(21) 2025200595 (22) 29.01.2025
(54) ELECTROCHEMICAL CELLS WITH IMPROVED FLUID FLOW DESIGN

(71) Orexplore AB
(21) 2025200611 (22) 30.01.2025
(54) Sample holder

(71) OroraTech GmbH; Universität der Bundeswehr München
(21) 2025200603 (22) 30.01.2025
(54) ON-ORBIT GEOREFERENCING

Otsuka Clinical Solutions, Inc. see OTSUKA PHARMACEUTICAL FACTORY, INC.
(21) 2025200727

(71) OTSUKA PHARMACEUTICAL FACTORY, INC.; Otsuka Clinical Solutions, Inc.; PAX Co., Ltd.
(21) 2025200727 (22) 03.02.2025
(54) Medical Tube Position Confirmation System

PAX Co., Ltd. see OTSUKA PHARMACEUTICAL FACTORY, INC.
(21) 2025200727

(71) Pelican Products, Inc.
(21) 2025200748 (22) 04.02.2025
(54) Helmet headlamp assemblies and related methods

(71) Pharma Cinq, LLC
(21) 2025200565 (22) 29.01.2025
(54) Compositions and devices for systemic delivery of uridine

(71) Physio-Control, Inc.
(21) 2025200650 (22) 31.01.2025
(54) Systems, methods, and apparatus for providing medical treatment feedback

(71) Physio-Control, Inc.
(21) 2025200651 (22) 31.01.2025

(54) Systems and methods for configurable defibrillator displays and patient care reports

(71) Physio-Control, Inc.
(21) 2025200720 (22) 03.02.2025
(54) Systems, methods, and apparatus for adjusting medical treatments

(71) Precision BioSciences, Inc.
(21) 2025200717 (22) 03.02.2025
(54) Co-stimulatory domains for use in genetically-modified cells

(71) Precision Concrete Cutting, Inc.
(21) 2025200755 (22) 04.02.2025
(54) DUST ABATEMENT FOR A CONCRETE CUTTING TOOL

(71) President and Fellows of Harvard College; Dana-Farber Cancer Institute, Inc.
(21) 2025200694 (22) 31.01.2025
(54) Universal early cancer diagnostics

(71) Prince, C.
(21) 2025200723 (22) 03.02.2025
(54) Wick for Embedding in Edible Food

(71) PROGRESS RAIL LOCOMOTIVE INC.
(21) 2025200590 (22) 29.01.2025
(54) CYLINDER LINER HAVING COOLANT FLOW BALANCER AND ENGINE POWER ASSEMBLY USING SAME

(71) Progress Rail Services Corporation
(21) 2025200584 (22) 29.01.2025
(54) BUSBAR ASSEMBLY FOR A PLURALITY OF INVERTERS

(71) Provis Pty Ltd
(21) 2025200721 (22) 03.02.2025
(54) CLAMP AND METHOD OF USE

(71) Pulman, A.
(21) 2025200561 (22) 28.01.2025
(54) SURFACE TREATMENT COMPOSITION COMPRISING BOTH CHEMICAL AND MICROBIAL COMPONENTS FOR SUPPRESSING NON-GRAS MICROORGANISMS ON A SURFACE, TO THE BENEFIT OF GRAS MICROORGANISMS

(71) QIAGEN Australia Holding Pty. Ltd.
(21) 2025200713 (22) 03.02.2025
(54) A CELL MEDIATED IMMUNE RESPONSE ASSAY WITH ENHANCED SENSITIVITY

Complete Applications Filed - Name Index cont'd

(71) QSOLUTIONS ASSETS PTY LTD
(21) 2025200732 (22) 03.02.2025
(54) Self-Bunded Enclosure Apparatus

(71) Regeneron Pharmaceuticals, Inc.; Sanofi Biotechnology
(21) 2025200573 (22) 29.01.2025
(54) Compositions for improving the health related quality of life of rheumatoid arthritis patients

(71) Research Institute at Nationwide Children's Hospital
(21) 2025200649 (22) 31.01.2025
(54) Methods and materials for NT-3 gene therapy

(71) Resnent, LLC
(21) 2025200736 (22) 03.02.2025
(54) Flexible-rigid hybrid endoscope and instrument attachments

(71) RE Traffic Pty Ltd
(21) 2025200557 (22) 28.01.2025
(54) Porta Crossing - portable pedestrian crossing

(71) Rite-Hite Holding Corporation
(21) 2025200613 (22) 30.01.2025
(54) Traffic alert devices and methods of using the same

(71) ROBERT EITELHUBER, G.
(21) 2025200705 (22) 03.02.2025
(54) TELESCOPIC GUIDE ASSEMBLY FOR BRIDGING SOLAR PANEL TABLES IN A SOLAR ARRAY

(71) Saferoads Pty Ltd
(21) 2025200746 (22) 03.02.2025
(54) A BARRIER

(71) Samsung Electronics Co., Ltd.
(21) 2025200678 (22) 31.01.2025
(54) DEVICE AND METHOD FOR ENCODING MOTION VECTOR, AND DEVICE AND METHOD FOR DECODING MOTION VECTOR

Sanofi Biotechnology see Regeneron Pharmaceuticals, Inc.
(21) 2025200573

(71) Schlumberger Technology B.V.
(21) 2025200744 (22) 03.02.2025
(54) System and methodology for high pressure alternate path

(71) SENSE2 PTY LTD
(21) 2025200699 (22) 01.02.2025

(54) 3D-STACKED NEUROMORPHIC-PHOTONIC AI ACCELERATOR WITH ADAPTIVE ML CALIBRATION, HYBRID SPIKING & RECONFIGURABLE LOGIC, ENHANCED PQC SECURITY, SELF-HEALING REDUNDANCY, DYNAMIC THERMAL MANAGEMENT, AND EXPANDED HPC/GPU/ASIC INTEGRATION

(71) SENSE2 PTY LTD
(21) 2025200701 (22) 01.02.2025
(54) 3D-STACKED NEUROMORPHIC-PHOTONIC AI ACCELERATOR WITH ADAPTIVE ML CALIBRATION, HYBRID SPIKING & RECONFIGURABLE LOGIC, ENHANCED PQC SECURITY, SELF-HEALING REDUNDANCY, DYNAMIC THERMAL MANAGEMENT, AND EXPANDED HPC/GPU/ASIC INTEGRATION

SHANDONG POWER INDUSTRY BOILER & PRESSURE VESSEL INSPECTION CENTER CO., LTD. see STATE GRID SHANDONG ELECTRIC POWER RESEARCH INSTITUTE
(21) 2025200556

(71) Smiths Medical ASD, Inc.
(21) 2025200591 (22) 29.01.2025
(54) Blood sequestration device and method

(71) Societe des Produits Nestle S.A.
(21) 2025200579 (22) 29.01.2025
(54) Beverage preparation system
(62) 2018390169

(71) Société des Produits Nestlé S.A.
(21) 2025200673 (22) 31.01.2025
(54) Treatment or prevention of surgery-induced cachexia and/or expression of myeloid-derived suppressor cells and pro-inflammatory cytokines
(62) 2023206185

(71) SOL Solution
(21) 2025200730 (22) 03.02.2025
(54) Method and System for Structural Diagnosis of Concrete Railway Sleepers

(71) South East Water Corporation
(21) 2025200562 (22) 29.01.2025
(54) SYSTEMS AND COMPUTER IMPLEMENTED METHODS FOR MONITORING AN ACTIVITY AT ONE OR MORE FACILITIES

(71) STATE GRID SHANDONG ELECTRIC POWER RESEARCH INSTITUTE; SHANDONG POWER INDUSTRY

BOILER & PRESSURE VESSEL INSPECTION CENTER CO., LTD.
(21) 2025200556 (22) 28.01.2025
(54) ON-SITE AUTOMATIC WELDING METHOD AND SYSTEM FOR TOWER LEG OF POWER TRANSMISSION TOWER

(71) Suzhou Ribo Life Science Co., Ltd.
(21) 2025200653 (22) 31.01.2025
(54) Nucleic acid, composition and conjugate containing same, and preparation method and use thereof

(71) Synthorx, Inc.; The Scripps Research Institute
(21) 2025200742 (22) 03.02.2025
(54) Incorporation of unnatural nucleotides and methods thereof

(71) TEAGASC - The Agriculture and Food Development Authority
(21) 2025200659 (22) 31.01.2025
(54) A METHOD INDUCING SATIETY IN A MAMMAL

(71) Techtronic Cordless GP
(21) 2025200644 (22) 30.01.2025
(54) Snow Blower And Heat Exchanger Assembly

(71) Techtronic Cordless GP
(21) 2025200697 (22) 31.01.2025
(54) Power Tool And Control Method Of An Electric Power Tool

(71) Techtronic Cordless GP
(21) 2025200722 (22) 03.02.2025
(54) Power Tool And Control Method Of The Same

(71) Techtronic Cordless GP
(21) 2025200724 (22) 03.02.2025
(54) Anti-Kickback Module And Method Of Controlling Operation Of A Power Tool

(71) Techtronic Cordless GP
(21) 2025200725 (22) 03.02.2025
(54) Power Tool Status Indicator

(71) Ted Golf Equipment Co., Ltd
(21) 2025200737 (22) 03.02.2025
(54) FIRE AND EXPLOSION-PROOF CHARGING BOX FOR BATTERY OF ELECTRIC GOLF TROLLEY

(71) Tesaro, Inc.
(21) 2025200639 (22) 30.01.2025
(54) Methods of treating cancer with anti-PD-1 antibodies

Complete Applications Filed - Name Index cont'd

(71) The Coca-Cola Company (21) 2025200593 (22) 29.01.2025 (54) Beverage dispenser network and profile management	(54) SYNTHESIS OF A METASTABLE VANADIUM PENTOXIDE AS A CATHODE MATERIAL FOR ION BATTERIES	(71) Veracio Ltd. (21) 2025200759 (22) 04.02.2025 (54) Systems and methods for improved core sample analysis
(71) The National Institute for Biotechnology in the Negev Ltd.; The State of Israel, Ministry of Agriculture & Rural Development, Agricultural Research Organization (ARO) (Volcani Center) (21) 2025200715 (22) 03.02.2025 (54) Method of selecting ruminating animals for a desirable heritable trait	(71) Think Surgical, Inc. (21) 2025200669 (22) 31.01.2025 (54) Automated arthroplasty planning	(71) Vertex Pharmaceuticals Incorporated; Merck Patent GmbH (21) 2025200711 (22) 03.02.2025 (54) GCN2 inhibitors and uses thereof
(71) The Nolan Company; Everhard Products, Inc. (21) 2025200696 (22) 31.01.2025 (54) SINGLE WHEELED KNUCKLE CARRIER	(71) Titan Trailers Inc. (21) 2025200740 (22) 03.02.2025 (54) CYLINDRICAL CARGO CONTAINER CONSTRUCTION	Watts, M. see Watts, A. (21) 2025200672
(71) THE PROCTER & GAMBLE COMPANY (21) 2025200719 (22) 03.02.2025 (54) AQUEOUS COMPOSITIONS COMPRISING HOPS-METAL COMPLEX	(71) Titan Trailers Inc. (21) 2025200741 (22) 03.02.2025 (54) CYLINDRICAL CARGO CONTAINER CONSTRUCTION	(71) Watts, A.; Watts, M. (21) 2025200672 (22) 31.01.2025 (54) Supplement Compositions and Uses Thereof
(71) The Regents of the University of California (21) 2025200756 (22) 04.02.2025 (54) TUMOR SELECTIVE MACROPINOCYTOSIS-DEPENDENT RAPIDLY INTERNALIZING ANTIBODIES	(71) Toshiba Energy Systems & Solutions Corporation; Kabushiki Kaisha Toshiba (21) 2025200751 (22) 04.02.2025 (54) Information processing device, information processing method, computer program and information processing system	(71) WaveTamer LLC (21) 2025200615 (22) 30.01.2025 (54) Gyroscopic boat roll stabilizer
(71) The Regents of the University of Michigan (21) 2025200680 (22) 31.01.2025 (54) NSD family inhibitors and methods of treatment therewith	(71) TransAct Technologies Incorporated (21) 2025200582 (22) 29.01.2025 (54) Systems, apparatus and methods for utilizing TITO vouchers to track and reward uncarded casino patrons	(71) WONDERLAND SWITZERLAND AG (21) 2025200646 (22) 31.01.2025 (54) Safety belt adjusting structure, and child safety seat
(71) Thermodynamic Design, LLC (21) 2025200566 (22) 29.01.2025 (54) REAL PROPERTY INFORMATION MANAGEMENT, RETENTION AND TRANSFERAL SYSTEM AND METHODS FOR USING SAME	(71) Transverse Medical, Inc. (21) 2025200622 (22) 30.01.2025 (54) Apparatuses and methods with filter pouch	WUHU MIDEA KITCHEN AND BATH APPLIANCES MFG. CO., LTD. see GUANGDONG MIDEA KITCHEN AND BATH APPLIANCES MFG. CO., LTD. (21) 2025200612
The Scripps Research Institute see Synthorx, Inc. (21) 2025200742	(71) Trina Solar Co., Ltd. (21) 2025200457 (22) 23.01.2025 (54) Solar cell and preparation method thereof	(71) Wynne, L. (21) 2025200738 (22) 03.02.2025 (54) A NEW AND IMPROVED HOOF POLISH THAT IS PERMEABLE, NATURALLY GREEN AND HUMAN SAFE FOR COMPETITIVE SHOW ANIMALS
The State of Israel, Ministry of Agriculture & Rural Development, Agricultural Research Organization (ARO) (Volcani Center) see The National Institute for Biotechnology in the Negev Ltd. (21) 2025200715	(71) Tru-Turf Pty Ltd (21) 2025200633 (22) 30.01.2025 (54) Coupling Device	(71) X Development LLC (21) 2025200551 (22) 28.01.2025 (54) End to end platform to manage circular economy of waste materials
(71) The Texas A&M University System (21) 2025200654 (22) 31.01.2025	Universität der Bundeswehr München see OroraTech GmbH (21) 2025200603	(71) XGS ENERGY, INC. (21) 2025200750 (22) 04.02.2025 (54) HIGH THERMAL COEFFICIENT SLURRY COMPOSITIONS AND METHODS THEREFOR
	(71) Vaca, E. (21) 2025200641 (22) 30.01.2025 (54) Inflatable Garland	(71) Xiamen Renhe Sports Equipment Co., Ltd. (21) 2025200638 (22) 30.01.2025 (54) LIFTING DEVICE AND VIBRATION PLATE

Complete Applications Filed - Name Index cont'd

(71) Xiong, C.
 (21) 2025200743 (22) 03.02.2025
 (54) BURNER ASSEMBLY FOR AIR PRE-
 HEATING COMBUSTION

Numerical Index

2025200457	Trina Solar Co., Ltd.	2025200613	Rite-Hite Holding Corporation
2025200537	Lipofabrik	2025200614	HOVSEPIAN, R.
2025200551	X Development LLC	2025200615	WaveTamer LLC
2025200552	Khalid, W.	2025200616	FISHER & PAYKEL HEALTHCARE LIMITED
2025200555	Clover Network, LLC	2025200617	Dolby International AB
2025200556	STATE GRID SHANDONG ELECTRIC POWER RE- SEARCH INSTITUTE; SHANDONG POWER IN- DUSTRY BOILER & PRESSURE VESSEL INSPEC- TION CENTER CO., LTD.	2025200618	Britax Childcare Pty Ltd
2025200557	RE Traffic Pty Ltd	2025200619	Deere & Company
2025200560	Implantica Patent Ltd	2025200620	Ishida Co., Ltd.
2025200561	Pulman, A.	2025200621	Dolby International AB
2025200562	South East Water Corporation	2025200622	Transverse Medical, Inc.
2025200563	Astes4 SA	2025200623	INNAVASC MEDICAL, INC.
2025200564	ABB Schweiz AG	2025200624	Deere & Company
2025200565	Pharma Cinq, LLC	2025200625	CATERPILLAR INC.
2025200566	Thermodynamic Design, LLC	2025200626	Austin Star Detonator Company
2025200567	Dolby International AB	2025200627	Automatic Technology (Australia) Pty Ltd
2025200568	Huawei Technologies Co., Ltd.	2025200628	Fotogears Trading (Guangzhou) Limited
2025200569	Cricut, Inc.	2025200629	iAsept Limited
2025200570	Angel Group Co., Ltd.	2025200630	Merck Sharp & Dohme LLC
2025200571	Jenscare Scientific Co., Ltd.	2025200631	Boston Scientific Scimed, Inc.
2025200572	CGG Services SAS	2025200632	Benedek, A.
2025200573	Regeneron Pharmaceuticals, Inc.; Sanofi Biotechnology	2025200633	Tru-Turf Pty Ltd
2025200574	ELI LILLY AND COMPANY	2025200634	Illinois Tool Works Inc.
2025200575	HOWMEDICA OSTEONICS CORP.	2025200635	Amgen Inc.
2025200576	Mullet Tools, LLC	2025200636	BAUER Maschinen GmbH
2025200577	GammaDelta Therapeutics Limited; King's College Lon- don	2025200637	Aiper Global Pte. Ltd.
2025200578	Avedro, Inc.	2025200638	Xiamen Renhe Sports Equipment Co.,Ltd.
2025200579	Societe des Produits Nestle S.A.	2025200639	Tesaro, Inc.
2025200580	Lieber Institute, Inc.	2025200640	Brilliant Light Power, Inc.
2025200581	Boston Scientific Limited	2025200641	Vaca, E.
2025200582	TransAct Technologies Incorporated	2025200642	Clarity Pharmaceuticals Limited
2025200583	Beijing Youcarekechuang Pharmaceutical Technology Co., Ltd.	2025200643	Mathers Hydraulics Technologies Pty Ltd
2025200584	Progress Rail Services Corporation	2025200644	Techtronic Cordless GP
2025200585	Edwards Lifesciences Corporation	2025200645	Alcon Inc.
2025200586	CATERPILLAR INC.	2025200646	WONDERLAND SWITZERLAND AG
2025200587	Canon Kabushiki Kaisha	2025200647	Deere & Company
2025200588	Merz Pharmaceuticals, LLC	2025200648	MEI S.r.l.
2025200589	Converter Manufacturing, LLC	2025200649	Research Institute at Nationwide Children's Hospital
2025200590	PROGRESS RAIL LOCOMOTIVE INC.	2025200650	Physio-Control, Inc.
2025200591	Smiths Medical ASD, Inc.	2025200651	Physio-Control, Inc.
2025200592	CATERPILLAR INC.	2025200652	Lashify, Inc.
2025200593	The Coca-Cola Company	2025200653	Suzhou Ribo Life Science Co., Ltd.
2025200594	AstraZeneca AB	2025200654	The Texas A&M University System
2025200595	Nuvera Fuel Cells, LLC	2025200655	Alector LLC
2025200596	Chengdu Newsun Crop Science Co., Ltd.	2025200656	Angel Group Co., Ltd.
2025200597	Mobiltex Data Ltd.	2025200657	Wisk Aero LLC
2025200598	Bonti, Inc.	2025200658	Denali Therapeutics Inc.
2025200599	Frank's International, LLC	2025200659	TEAGASC - The Agriculture and Food Development Authority
2025200600	Angel Group Co., Ltd.	2025200660	Derrick Corporation
2025200601	Deere & Company	2025200661	Derrick Corporation
2025200602	Elanco US Inc.	2025200662	Haemonetics Corporation
2025200603	OroraTech GmbH; Universität der Bundeswehr München	2025200663	MEI S.r.l.
2025200604	Novo Nordisk A/S	2025200664	Cao, L.
2025200605	CubicPV Inc.	2025200665	Dana-Farber Cancer Institute, Inc.
2025200606	Lightcast Discovery Ltd	2025200666	Johnson & Johnson Consumer Inc.
2025200607	FORMA Therapeutics, Inc.	2025200667	Evero
2025200608	UTI Limited Partnership	2025200668	DDP SPECIALTY ELECTRONIC MATERIALS US, LLC
2025200609	Kondex Corporation	2025200669	Think Surgical, Inc.
2025200610	Bridgestone Corporation	2025200670	Allergan Industrie, SAS
2025200611	Orexlore AB	2025200671	Michal, V.
2025200612	GUANGDONG MIDEA KITCHEN AND BATH APPLI- ANCES MFG. CO., LTD.; WUHU MIDEA KITCHEN AND BATH APPLIANCES MFG. CO., LTD.	2025200672	Watts, A.; Watts, M.
		2025200673	Société des Produits Nestlé S.A.
		2025200674	Boston Scientific Scimed, Inc.
		2025200675	Aristocrat Technologies Australia Pty Limited
		2025200676	Honeywell International Inc.
		2025200677	Aristocrat Technologies Australia Pty Limited
		2025200678	Samsung Electronics Co., Ltd.
		2025200679	Halliburton Energy Services, Inc.

Complete Applications Filed - Numerical Index cont'd

2025200680	The Regents of the University of Michigan	2025200746	Saferoads Pty Ltd
2025200681	Marchesan Implementos e Máquinas Agrícolas Tatu S.A.	2025200747	HELM, T.; Hanratty, B.
2025200682	NuTrae, LLC	2025200748	Pelican Products, Inc.
2025200683	NuTrae, LLC	2025200749	Flagship Pioneering Innovations V, Inc.
2025200684	Boston Scientific Scimed, Inc.	2025200750	XGS ENERGY, INC.
2025200685	Dometic Sweden AB	2025200751	Toshiba Energy Systems & Solutions Corporation; Kabushiki Kaisha Toshiba
2025200686	Audentes Therapeutics, Inc.	2025200752	Curonix LLC
2025200687	Asahi Group Holdings, Ltd.	2025200753	Gilead Sciences, Inc.
2025200688	Canon Kabushiki Kaisha	2025200754	Kabushiki Kaisha Toshiba
2025200689	Kabushiki Kaisha Toshiba	2025200755	Precision Concrete Cutting, Inc.
2025200690	Air Stayz Pty Limited	2025200756	The Regents of the University of California
2025200691	Hulu, LLC	2025200757	James Edwin Dally
2025200692	Conex IPR Limited	2025200758	Chevron Oronite Company LLC; Chevron U.S.A. Inc.
2025200693	COOPERVISION INTERNATIONAL LIMITED	2025200759	Veracio Ltd.
2025200694	President and Fellows of Harvard College; Dana-Farber Cancer Institute, Inc.	2025200760	Aristocrat Technologies Australia Pty Limited
2025200695	Altronic Distributors Pty Ltd	2025200762	CiiLOCK Engineering Pty Ltd
2025200696	The Nolan Company; Everhard Products, Inc.	2025200763	Angel Group Co., Ltd.
2025200697	Techtronic Cordless GP		
2025200698	Amicus Therapeutics, Inc.		
2025200699	SENSE2 PTY LTD		
2025200700	MiTek Holdings, Inc.		
2025200701	SENSE2 PTY LTD		
2025200702	HELM, T.		
2025200703	jaggard, s.		
2025200704	Actym Therapeutics, Inc.		
2025200705	ROBERT EITELHUBER, G.		
2025200706	Ingham, S.		
2025200707	Aristocrat Technologies Australia Pty Limited		
2025200708	jaggard, s.		
2025200709	Alexion Pharmaceuticals, Inc.		
2025200710	Lockie, G.		
2025200711	Vertex Pharmaceuticals Incorporated; Merck Patent GmbH		
2025200712	Joy Global Surface Mining Inc		
2025200713	QIAGEN Australia Holding Pty. Ltd.		
2025200714	Control Components, Inc.		
2025200715	The National Institute for Biotechnology in the Negev Ltd.; The State of Israel, Ministry of Agriculture & Rural Development, Agricultural Research Organization (ARO) (Volcani Center)		
2025200716	Ecoglo International Limited		
2025200717	Precision BioSciences, Inc.		
2025200718	Lifetime Products, Inc.		
2025200719	THE PROCTER & GAMBLE COMPANY		
2025200720	Physio-Control, Inc.		
2025200721	Provis Pty Ltd		
2025200722	Techtronic Cordless GP		
2025200723	Prince, C.		
2025200724	Techtronic Cordless GP		
2025200725	Techtronic Cordless GP		
2025200726	Bandit Industries, Inc.		
2025200727	OTSUKA PHARMACEUTICAL FACTORY, INC.; Otsuka Clinical Solutions, Inc.; PAX Co., Ltd.		
2025200728	Corteva Agriscience LLC		
2025200730	SOL Solution		
2025200731	McKenna, E.		
2025200732	QSOLUTIONS ASSETS PTY LTD		
2025200733	Anxo Pharmaceutical Co., Ltd.		
2025200734	Bios-Therapy, Physiological Systems for Health S.p.A.		
2025200735	Amgen Inc.		
2025200736	Resnent, LLC		
2025200737	Ted Golf Equipment Co., Ltd		
2025200738	Wynne, L.		
2025200739	Footprint International, LLC		
2025200740	Titan Trailers Inc.		
2025200741	Titan Trailers Inc.		
2025200742	Synthorx, Inc.; The Scripps Research Institute		
2025200743	Xiong, C.		
2025200744	Schlumberger Technology B.V.		
2025200745	Egalon, C.		

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

2005200274 (14)	2005200307 (14)	2005203110 (14)
2005205853 (14)	2005205966 (14)	2005206195 (14)
2005206219 (14)	2005206311 (14)	2005206437 (14)
2005206466 (14)	2005206549 (14)	2005206571 (14)
2005207042 (14)	2005207622 (14)	2005207939 (14)
2005207949 (14)	2005208342 (14)	2005208659 (14)
2005208660 (14)	2005208709 (14)	2005208846 (14)
2005208847 (14)	2005208971 (14)	2005209321 (14)
2005209322 (14)	2005209486 (14)	2005209897 (14)
2005209952 (14)	2005209972 (14)	2005210091 (14)
2005210467 (14)	2005213300 (14)	2005215254 (14)
2005217013 (14)	2005217943 (14)	2005221263 (14)
2005244229 (14)	2005250760 (14)	2005263197 (14)
2005263569 (14)	2005264453 (14)	2005265414 (14)
2005266063 (14)	2005269658 (14)	2005274937 (14)
2005290963 (14)	2005325726 (14)	2005325753 (14)
2005330884 (14)	2005334780 (14)	

2006

2006203050 (14)	2006269862 (14)	2006271495 (14)
2006271500 (14)	2006271877 (14)	2006273192 (14)
2006280344 (14)	2006297092 (14)	2006297748 (14)

2007

2007203305 (14)	2007275068 (14)	2007275316 (14)
2007275695 (14)	2007276418 (14)	2007276884 (14)
2007281638 (14)	2007287280 (14)	2007295775 (14)
2007356688 (14)		

2008

2008203198 (14)	2008203199 (14)	2008203324 (14)
2008275876 (14)	2008277353 (14)	2008277907 (14)
2008278274 (14)	2008278907 (14)	2008279749 (14)
2008281031 (14)	2008281032 (14)	2008281033 (14)
2008281457 (14)	2008281901 (14)	2008282547 (14)
2008285767 (14)	2008286031 (14)	2008296757 (14)
2008313362 (14)	2008313363 (14)	2008357242 (14)

2009

2009202859 (14)	2009222618 (14)	2009250953 (14)
2009270404 (14)	2009270716 (14)	2009270717 (14)
2009270718 (14)	2009270909 (14)	2009273171 (14)
2009274158 (14)	2009276850 (14)	2009278033 (14)
2009278034 (14)	2009281491 (14)	2009282364 (14)
2009349908 (14)		

2010

2010200599 (14)	2010203067 (14)	2010203126 (14)
2010214672 (14)	2010219344 (14)	2010222928 (14)
2010222929 (14)	2010222930 (14)	2010235985 (14)
2010249263 (14)	2010273372 (14)	2010274654 (14)
2010275005 (14)	2010275804 (14)	2010276354 (14)
2010276380 (14)	2010276454 (14)	2010278322 (14)

2011

2011204783 (14)	2011204831 (14)	2011204887 (14)
2011205011 (14)	2011205095 (14)	2011224059 (14)
2011226823 (14)	2011277379 (14)	2011277937 (14)
2011279560 (14)	2011279923 (14)	2011281062 (14)
2011281326 (14)	2011281329 (14)	2011282018 (14)
2011283050 (14)	2011284481 (14)	2011314342 (14)
2011356008 (14)	2011356009 (14)	2011356010 (14)
2011373387 (14)		

2012

2012201562 (14)	2012202675 (14)	2012205207 (14)
2012205234 (14)	2012205246 (14)	2012216509 (14)
2012232971 (14)	2012247062 (14)	2012251939 (14)
2012283681 (14)	2012283858 (14)	2012284088 (14)
2012284091 (14)	2012284184 (14)	2012285378 (14)
2012285386 (14)	2012285813 (14)	2012289030 (14)
2012290559 (14)		

2013

2013201791 (14)	2013207621 (14)	2013222005 (14)
2013267025 (14)	2013290789 (14)	2013291209 (14)
2013291747 (14)	2013291865 (14)	2013291866 (14)
2013291981 (14)	2013292037 (14)	2013292309 (14)
2013292593 (14)	2013293044 (14)	2013296897 (14)
2013307611 (14)	2013366785 (14)	2013394613 (14)

2014

2014203041 (14)	2014203207 (14)	2014204421 (14)
2014257730 (14)	2014290018 (14)	2014290042 (14)
2014290449 (14)	2014290913 (14)	2014291615 (14)
2014291635 (14)	2014292132 (14)	2014292777 (14)
2014292781 (14)	2014292805 (14)	2014293401 (14)
2014295119 (14)	2014295123 (14)	2014305686 (14)

2015

2015202195 (14)	2015204400 (14)	2015289144 (14)
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2016

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 2024902148 (12AN)

2025

2025200531 (12AN) 2025200699 (12AN) 2025900180 (12AN)

Assignments before Grant, Section 113

2018

2018236267 Bioverativ USA Inc. The application has been assigned to **Recordati UK Limited**

2019

2019231208 Goldfinch Bio, Inc. The application has been assigned to **GFB (ABC), LLC**

2019344928 Goldfinch Bio, Inc. The application has been assigned to **GFB (ABC), LLC**

2019348047 Sidhu, Kuldip; Cunningham, Corey The application has been assigned to **CK Cell Technologies Pty Ltd**

2019388016 Kyoto Prefectural Public University Corporation; Life Science Institute, Inc. The application has been assigned to **Kyoto Prefectural Public University Corporation**

2020

2020240059 Goldfinch Bio, Inc. The application has been assigned to **GFB (ABC), LLC**

2020272030 Goldfinch Bio, Inc. The application has been assigned to **GFB (ABC), LLC**

2020273174 Goldfinch Bio, Inc. The application has been assigned to **GFB (ABC), LLC**

2020357178 Goldfinch Bio, Inc. The application has been assigned to **GFB (ABC), LLC**

2021

2021207263 QinetiQ Limited The application has been assigned to **RENK America LLC**

2021208369 QinetiQ Limited The application has been assigned to **RENK America LLC**

2021246965 Green Forest Solutions LLP The application has been assigned to **Carbon Oil Renewables Ltd**

2021265205 Sairopa B.V.; Rijksuniversiteit Groningen; Academisch Ziekenhuis Groningen The application has been assigned to **IMMIOS Holding B.V.; Rijksuniversiteit Groningen; Academisch Ziekenhuis Groningen**

2021270755 EMODs Technology, L.L.C. The application has been assigned to **Bis Science, LLC**

2022

2022218443 MEDSHINE DISCOVERY INC. The application has been assigned to **S-Infinity Pharmaceuticals Co.,Ltd**

2022233502 TEKNOLOGIAN TUTKIMUSKESKUS VTT OY The application has been assigned to **Happy Plant Protein Oy**

2022290667 SIDHU, Kuldip; CUNNINGHAM, Corey The application has been assigned to **CK Cell Technologies Pty Ltd**

Assignments before Grant, Section 113

2023

2023202125 Goldfinch Bio, Inc. The application has been assigned to **GFB (ABC), LLC**

2023289916 AFINITI, LTD. The application has been assigned to **Afiniti AI Limited**

2023311501 Q (CUE) LTD.; MAIZELS, Aviad; WEXLER, Yonatan; BARLIYA, Avi The application has been assigned to **Q (CUE) LTD.**

2023315782 PHYSIQ INC. The application has been assigned to **PROLAIO, INC.**

2024

2024202030 Sidhu, Kuldip; Cunningham, Corey The application has been assigned to **CK Cell Technologies 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.

2017

2017100567 **Ecovation Innovation Pty Ltd** An application to extend the time from 18 May 2024 to 18 Dec 2024 in which to pay a renewal fee has been filed . Address for service - KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD PO Box 128 Aspley QLD 4034 AU

2019

2019202615 **Boyden, M.** An application to extend the time from 27 May 2023 to 27 Feb 2025 in which to pay a renewal fee has been filed . Address for service - Michael Boyden 90 Riverview Ave Dangar Island NSW 2083 AU

2023

2023201356 **Wiley, W.** An application to extend the time from 06 Jun 2024 to 06 Jun 2025 in which to pay a continuation fee and gain acceptance has been filed . Address for service - Griffith Hack Level 15 376-390 Collins St MELBOURNE VIC 3000 AU

Applications Allowed - Section 223(2)

2012

2012357650 **FlowBee Australia Pty Ltd** The time in which to file the Statement of Grounds & Particulars has been extended to 22 Jan 2025 . Address for service - KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD PO Box 128 Aspley QLD 4034 AU

2013

2013313028 **CSR Building Products Limited** The time in which to pay a renewal fee has been extended to 09 May 2024 . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2016

2016231608 **FlowBee Australia Pty Ltd** The time in which to file the Statement of Grounds & Particulars has been extended to 22 Jan

Extensions of Time, Section 223

2025 . Address for service - **KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD** PO Box 128 Aspley QLD 4034 AU

2019

2019324525 **Naiture GmbH & Co. KG** The time in which to pay the acceptance fee has been extended to 02 Feb 2025 . Address for service - **Krouzer IP** PO Box 2035 Como WA 6152 AU

2020

2020294320 **Tidy, N.** The time in which to request examination has been extended to 01 Jan 2025 . Address for service - **Nicholas Tidy** 200 Amamoor Dagun Rd Amamoor QLD 4570 AU

2021

2021240286 **The United States of America, as represented by the Secretary, Department of Health and Human Services** The time in which to pay a continuation fee and gain acceptance has been extended to 15 Mar 2025 . Address for service - **FB Rice Pty Ltd** Level 33, 477 Collins Street Melbourne VIC 3000 AU

2021256403 **Noble Rig Holdings Limited** The time in which to pay the acceptance fee has been extended to 03 Feb 2025 . Address for service - **AUSTRALASIA IP PTY LTD** PO Box 7345 Brighton VIC 3186 AU

2022

2022202794 **Edwards Lifesciences Corporation** The time in which to pay the acceptance fee has been extended to 19 Jan 2025 . Address for service - **Spruson & Ferguson GPO** Box 3898 Sydney NSW 2001 AU

2023

2023203610 **Pride Mobility Products Corporation** The time in which to pay a continuation fee has been extended to 16 Oct 2024 . Address for service - **Maxwells Patent & Trade Mark Attorneys Pty Ltd** PO Box R1466 SYDNEY NSW 1225 AU

2023242576 **SCHENCK PROCESS EUROPE GMBH** The time in which to enter the National Phase has been extended to 31 Dec 2024 . Address for service - **PHILLIPS ORMONDE FITZPATRICK** PO Box 323 COLLINS STREET WEST VIC 8007 AU

2023255054 **Salk Institute for Biological Studies** The time in which to pay a continuation fee has been extended to 23 Sep 2024 . Address for service - **PHILLIPS ORMONDE FITZPATRICK** PO Box 323 COLLINS STREET WEST VIC 8007 AU

2024

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

2024287105 **ConMed Corporation** The time in which to make a further application for a divisional patent has been extended to 19 Jan 2025 . Address for service - **Griffith Hack Level 15** 376-390 Collins St MELBOURNE VIC 3000 AU

2025

2025200125 **VIDEO GAMING TECHNOLOGIES, INC.** The time in which to make a further application for a divisional patent has been ex-

Extensions of Time, Section 223

tended to 19 Jan 2025 . Address for service - **Griffith Hack Level 15**, 376-390 Collins Street Melbourne VIC 3000 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

2018350372 Method **CSL Limited ; Canadian Blood Services** The nature of the amendment is as shown in the statement(s) filed 28 Jan 2025 . Address for service - **FB Rice Pty Ltd** L 33 477 Collins Street Melbourne VIC 3000 AU

2018384790 Identification of lysins and derivatives thereof with bacterial activity against pseudomonas aeruginosa **ContraFect Corporation** The nature of the amendment is as shown in the statement(s) filed 06 Jan 2025 . Address for service - **WRAYS PTY LTD** L7 863 Hay St Perth WA 6000 AU

2018389854 Intraocular lenses having an anterior-biased optical design **Alcon Inc.** The nature of the amendment is as shown in the statement(s) filed 02 Dec 2024 . Address for service - **Phillips Ormonde Fitzpatrick** PO Box 323 COLLINS STREET WEST VIC 8007 AU

2019

2019230022 Blood pressure powered auxiliary pump **Indiana University Research and Technology Corporation** The nature of the amendment is as shown in the statement(s) filed 30 Jan 2025 . Address for service - **Dentons Patent Attorneys Australasia Limited** 18 Viaduct Harbour Avenue Auckland CBD 1142 NZ

2019304485 Cardiosafe antidiabetic therapy **Boehringer Ingelheim International GmbH** The nature of the amendment is as shown in the statement(s) filed 29 Jan 2025 . Address for service - **Spruson & Ferguson GPO** Box 3898 Sydney NSW 2001 AU

2020

2020376839 Osteotomy system and method of use **Skeletal Dynamics, Inc.** The nature of the amendment is as shown in the statement(s) filed 28 Jan 2025 . Address for service - **Griffith Hack Level 10** 161 Collins St MELBOURNE VIC 3000 AU

2021

2021406104 AUTOMATIC IDENTIFICATION OF IMPORTANT BATCH EVENTS **ABB SCHWEIZ AG** The nature of the amendment is as shown in the statement(s) filed 24 Jan 2025 . Address for service - **Griffith Hack Level 15**, 376-390 Collins Street Melbourne VIC 3000 AU

2022

2022243365 Pre-Coated Metal Sheet **NIPPON STEEL CORPORATION** The nature of the amendment is as shown in the statement(s)

Amendments

filed 28 Jan 2025 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2023

2023202340 Methods and compositions for detecting Candida species **GEN-PROBE INCORPORATED** The nature of the amendment is as shown in the statement(s) filed 23 Jan 2025 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2023204654 Novel insect inhibitory proteins **Monsanto Technology LLC** The nature of the amendment is as shown in the statement(s) filed 30 Jan 2025 . Address for service - Davies Collison Cave Pty Ltd Level 4 7 Macquarie Place Sydney NSW 2000 AU

2023241274 A METHOD FOR TRIM BLENDING **Cabinplant International A/S** The nature of the amendment is as shown in the statement(s) filed 30 Jan 2025 . Address for service - Golja Haines & Friend PO Box 1014 South Perth WA 6951 AU

Amendments Made

2016

2016429338 **Scott Automation & Robotics Pty Ltd** The nature of the amendment is as shown in the statement filed 23 Jul 2024

2018

2018351068 **Silony Spine Corp** The nature of the amendment is: To amend the patentee name to read Silony Spine Corp

2018371304 **BlueScope Steel Limited** The nature of the amendment is as shown in the statement filed 24 Oct 2024

2018387661 **Avient Protective Materials B.V.** The nature of the amendment is as was notified in the Supplement to the Official Journal dated 21 Nov 2024

2019

2019101051 **Alloy Steel Australia (Int) Pty Ltd** The nature of the amendment is: Amend the name of the inventor to read Perry, Maxym and Levytsky, Mykhaylo

2019202422 **The Raymond Corporation** The nature of the amendment is: Amend the name a co-inventor to read Tracy, Erik C.

2019205821 **G1 Therapeutics, Inc.** The nature of the amendment is as shown in the statement filed 21 Oct 2024

2019210176 **Authentix, Inc.** The nature of the amendment is as shown in the statement filed 04 Nov 2024

2019254466 **ENI S.p.A.** The nature of the amendment is as shown in the statement filed 08 Nov 2024

2019256801 **Printnet Kereskedelmi És Szolgáltató Kft.; EÖTVÖS LORÁND TUDOMÁNYEGYETEM** The nature of the amendment is as shown in the statement filed 01 Nov 2024

2019280850 **Intra-Cellular Therapies, Inc.** The nature of the amendment is as shown in the statement filed 08 Nov 2024

Amendments

2019350801 **Asahi Group Holdings, Ltd.** The nature of the amendment is as shown in the statement filed 11 Oct 2024

2019370339 **Shandong New Time Pharmaceutical Co., Ltd.** The nature of the amendment is: Amend the name of the inventor to read LI, Qiang; JIA, Shixiang; ZHAO, Lili; ZHANG, Guimin; MA, Xinlu; YAN, Yuan; LI, Zhenyu; HU, Xingxia; ZHANG, Yuhua; LI, Bin and LIU, Zhong

2020

2020218615 **BioNTech Cell & Gene Therapies GmbH** The nature of the amendment is: Amend the invention title to read Treatment involving CAR-engineered T cells and cytokines

2020304069 **Gilead Sciences, Inc.** The nature of the amendment is as shown in the statement filed 01 Oct 2024

2020370254 **The Trustees of Columbia University in the City of New York** The nature of the amendment is: Add Inventor LI, Hao Wei.

2020403850 **Blink AG** The nature of the amendment is: Amend the name of the inventor to read ERMANTRAUT, Eugen; LONCAREVIC, Ivan; STEINMETZER, Katrin; HUBOLD, Stephan; ELLINGER, Thomas; KLINGNER, Susanne; LEMUTH, Oliver and KANITZ, Lea

2021

2021218107 **Fisher & Paykel Healthcare Limited** The nature of the amendment is: Amend the name of the inventor to read LIANG, Wenjie Robin and VERCOELEN, Brendan Thomas

2021221713 **Headlok Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2021107700

2021233910 **7424401 Manitoba Ltd. d/b/a Bushel Plus** The nature of the amendment is: Amend the name of the inventor to read KRINGE, Marcel and SOBCHUK, Christopher Allen

2021368506 **THE QUEEN'S UNIVERSITY OF BELFAST** The nature of the amendment is: Amend the name of the inventor to read GREEN, Brian Desmond and DE CASTRO, Cristina

2021368798 **BLACK DIAMOND THERAPEUTICS, INC.** The nature of the amendment is: Amend the name of the inventor to read BUCK, Elizabeth; O'CONNOR, Matthew; ROMASHKO, Darlene; LIN, Tai-An; FLOHR, Alexander; ARISTA, Luca; WRONA, Iwona; LUCAS, Matthew; ROBERTS, Chris; OTTAVIANI, Giorgio; SMITH, Sherri; WATERS, Nigel and EPSTEIN, David M.

2022

2022203110 **The Trustees of The University of Pennsylvania** The nature of the amendment is as shown in the statement filed 20 Aug 2024

2022225169 **FISHER & PAYKEL HEALTHCARE LIMITED** The nature of the amendment is: Add inventor VERCOELEN, Brendan Thomas.

2022227442 **WHITEWATER WEST INDUSTRIES, LTD.** The nature of the amendment is: Amend the name of the inventor to read GIN-ESTET, Clement; WYNNE-EDWARDS, Alexander; DORTMANS, Nicholas and TERRADILLOS, Axel

Amendments

2022262777 **CHONG KUN DANG PHARMACEUTICAL CORP.** The nature of the amendment is as shown in the statement filed 07 Nov 2024

2022381817 **GLOBALM SA** The nature of the amendment is: Amend the name of the inventor to read CALLEJA, Paul

2022395073 **INNOTEK PTY LTD** The nature of the amendment is: Amend the name of the inventor to read WANG, Zhongwei

2023

2023202336 **OnPoint Vision, Inc.** The nature of the amendment is as shown in the statement filed 09 Oct 2024

2023214375 **Zimmer, Inc.** The nature of the amendment is: Amend the name of the inventor to read Bisek, Aaron J.; Trischler, Cory and Branscome, Douglas G.

2023217930 **MINIMAX VIKING RESEARCH & DEVELOPMENT GMBH; EMI CONTROLS GMBH** The nature of the amendment is: Amend the name of the inventor to read MARTENS, Holger; BAUMANN, Georg; PFEIFFER, Stefan; GIESEKE, Thorsten and GSCHNITZER, Martin

2023233206 **SK Innovation Co., Ltd.** The nature of the amendment is as shown in the statement filed 05 Nov 2024

2023241904 **DASISIMULATIONS LLC** The nature of the amendment is: Amend the name of the inventor to read LEE, Beom Jun.

2023245808 **GILL, LLC** The nature of the amendment is: Amend the name of the inventor to read GILL, Sarvjit; GILLETTE, William, J.; DIRKS, Keith; GILL, Mira, J. and BOLLIG, Casey

2023271790 **NEUVIVO, INC.; THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** The nature of the amendment is: Amend the invention title to read Biomarkers for neurodegenerative disease

2023280572 **SYNGENTA CROP PROTECTION AG** The nature of the amendment is: Amend the name of the inventor to read MORRIS, James Alan; INGRAM, Katharine Mary; WHALLEY, Louisa; KRISTOFERSEN, Abbie Louise; EMMETT, Edward John and SEDEN, Peter Timothy

2023281032 **GENEQUANTUM HEALTHCARE (SUZHOU) CO., LTD.** The nature of the amendment is: Amend the invention title to read Oligosaccharide linker, linker-payload comprising the same and glycan chain-remodeled antibody-drug conjugate, preparation methods and uses thereof

2023289511 **SIEMENS ENERGY GLOBAL GMBH & CO. KG** The nature of the amendment is: Amend the invention title to read Electrolyzer, insert for an electrolyzer, supply pipe for an electrolyzer and discharge pipe for an electrolyzer.

2023293098 **ARROWHEAD PHARMACEUTICALS, INC.** The nature of the amendment is: Amend the name of the inventor to read LI, Xiaokai; PEI, Tao; LAZZARA, Phillip; PHAN, Susan; AI, Teng; LIU, Feng; NACLERIO, III, George; BLOKHIN, Andrei, V.; RAMOS-HUNTER, Susan and MACIEJEWSKI, Jan

Amendments

2023296584 **FU, D.** The nature of the amendment is: Amend the invention title to read Elongate foot engagement element for footwear, and footwear article

2023298421 **VANDERBILT UNIVERSITY** The nature of the amendment is as shown in the statement filed 24 Dec 2024

2023298469 **JICHI MEDICAL UNIVERSITY** The nature of the amendment is: Amend the invention title to read BACTERIA-TARGETING CAPSID PARTICLE, TREATMENT COMPOSITION, DISINFECTANT, FOOD, BACTERIA ELIMINATION METHOD, BACTERICIDAL METHOD, CORROSION PREVENTION METHOD, ANIMAL TREATMENT METHOD, GENE INTRODUCTION METHOD, BACTERIA FUNCTION ADDITION METHOD, METHOD FOR PRODUCING BACTERIA-TARGETING CAPSID PARTICLE, AND METHOD FOR PRODUCING NUCLEIC ACID FOR BACTERIA-TARGETING CAPSID PARTICLE

2023304404 **STORMTRAP, LLC** The nature of the amendment is: Amend the invention title to read CROSSFLOW SETTLING DEVICES AND METHODS OF USE

2023308107 **BYD COMPANY LIMITED** The nature of the amendment is: Amend the invention title to read Energy storage battery cabinet and energy storage system having same

2023308936 **INTRINSYX BIO INC.; UNIVERSITY OF WASHINGTON** The nature of the amendment is as shown in the statement filed 29 Jan 2025

2023309075 **CHANGZHOU SHICHUANG ENERGY CO., LTD.** The nature of the amendment is: Amend the invention title to read PHOTO-VOLTAIC SHINGLED MODULE AND MANUFACTURING METHOD THEREFOR

2023309527 **CHANGZHOU SHICHUANG ENERGY CO., LTD** The nature of the amendment is: Amend the invention title to read PHOTO-VOLTAIC CELL UNIT AND USE THEREOF

2023311352 **ENLIGHTENED SOIL CORP** The nature of the amendment is: Amend the name of the inventor to read TAYLOR, George Jesse, IV; SPAULDING, Christopher; SHULER, Andrew and MORTON, Steve

2023321468 **HUAWEI TECHNOLOGIES CO., LTD.** The nature of the amendment is: Amend the invention title to read TRIGGERED TRANSMISSION OPPORTUNITY SHARING MECHANISM-BASED COMMUNICATION METHOD AND COMMUNICATION APPARATUS

2023328822 **LONGI SOLAR TECHNOLOGY (TAIZHOU) CO., LTD.** The nature of the amendment is: Amend the invention title to read BACK CONTACT SOLAR CELL

2023339805 **POLYTEX SPORTBELÄGE PRODUKTIONS-GMBH** The nature of the amendment is: Amend the name of the inventor to read SICK, Stephan; VAN DEN BERG, Thorsten; REHOSEK, Marco; SANDER, Dirk; WAGENER, Oliver and GROCHLA, Dr. Dario

2023386485 **LG ENERGY SOLUTION, LTD.** The nature of the amendment is: Amend the invention title to read Battery control apparatus and method

Amendments

2025

2025900194 **Iron Grip Holdings Pty Limited** The nature of the amendment is: Amend the invention title to read Agricultural opener assembly

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

2005

2005210648 ALSTOM Holdings The name of the patentee has been altered to **KB Signaling Inc.**

2008

2008305504 ALSTOM Holdings The name of the patentee has been altered to **KB Signaling Inc.**

2010

2010355287 ALSTOM Holdings The name of the patentee has been altered to **KB Signaling Inc.**

2013

2013206546 ALSTOM Holdings The name of the patentee has been altered to **KB Signaling Inc.**

2013213662 ALSTOM Holdings The name of the patentee has been altered to **KB Signaling Inc.**

2013246396 ALSTOM Holdings The name of the patentee has been altered to **KB Signaling Inc.**

2013288957 RingIT, Inc. The name of the patentee has been altered to **Preferabli, Inc.**

2014

2014207316 Innara Health, Inc. The name of the patentee has been altered to **Cardinal Health 200, LLC**

2014207317 Innara Health, Inc. The name of the patentee has been altered to **Cardinal Health 200, LLC**

2015

2015200059 ALSTOM Holdings The name of the patentee has been altered to **KB Signaling Inc.**

2015218497 RingIT, Inc. The name of the patentee has been altered to **Preferabli, Inc.**

2015271952 RingIT, Inc. The name of the patentee has been altered to **Preferabli, Inc.**

2016

2016201184 ALSTOM Holdings The name of the patentee has been altered to **KB Signaling Inc.**

2016203016 ALSTOM Holdings The name of the patentee has been altered to **KB Signaling Inc.**

Amendments

2016203095 ALSTOM Holdings The name of the patentee has been altered to **KB Signaling Inc.**

2016203798 ALSTOM Holdings The name of the patentee has been altered to **KB Signaling Inc.**

2016204264 ALSTOM Holdings The name of the patentee has been altered to **KB Signaling Inc.**

2016318081 Atlantic Pacific Equipment, Inc. The name of the patentee has been altered to **ATLANTIC PACIFIC EQUIPMENT, LLC**

2017

2017235902 ALSTOM Holdings The name of the patentee has been altered to **KB Signaling Inc.**

2018

2018201890 ALSTOM Holdings The name of the patentee has been altered to **KB Signaling Inc.**

2018201898 ALSTOM Holdings The name of the patentee has been altered to **KB Signaling Inc.**

2018201907 ALSTOM Holdings The name of the patentee has been altered to **KB Signaling Inc.**

2018201912 ALSTOM Holdings The name of the patentee has been altered to **KB Signaling Inc.**

2019

2019200790 ALSTOM Holdings The name of the patentee has been altered to **KB Signaling Inc.**

2019201157 ALSTOM Holdings The name of the patentee has been altered to **KB Signaling Inc.**

2019201373 ALSTOM Holdings The name of the patentee has been altered to **KB Signaling Inc.**

2019213311 ALSTOM Holdings The name of the patentee has been altered to **KB Signaling Inc.**

2019264513 ALSTOM Holdings The name of the patentee has been altered to **KB Signaling Inc.**

2019323697 Key Bioscience AG The name of the applicant has been altered to **KeyBioscience SA**

2019334124 Revenio Research Oy The name of the applicant has been altered to **Icare Finland Oy**

2020

2020200493 ALSTOM Holdings The name of the patentee has been altered to **KB Signaling Inc.**

2020202071 ALSTOM Holdings The name of the applicant has been altered to **KB Signaling Inc.**

Amendments

2020209490 Asklepios Biopharmaceutical, Inc. The name of the applicant has been altered to **AskBio Inc.**

2020218439 LE System Co., Ltd. The name of the patentee has been altered to **LE SYSTEM Co., Ltd.**

2020267200 ALSTOM Holdings The name of the applicant has been altered to **KB Signaling Inc.**

2020412375 Asklepios Biopharmaceutical, Inc. The name of the applicant has been altered to **AskBio Inc.**

2021

2021201394 ALSTOM Holdings The name of the applicant has been altered to **KB Signaling Inc.**

2021224789 Sasol Chemicals GmbH The name of the applicant has been altered to **Sasol Chemie GmbH & Co. KG**

2021233910 7424401 Manitoba Ltd. d/b/a Bushel Plus The name of the applicant has been altered to **Bushel Plus Ltd.**

2021240417 Asklepios BioPharmaceutical, Inc. The name of the applicant has been altered to **AskBio Inc.**

2021260914 Asklepios Biopharmaceutical, Inc. The name of the applicant has been altered to **AskBio Inc.**

2021286256 ALSTOM Holdings The name of the applicant has been altered to **KB Signaling Inc.**

2021336754 Asklepios BioPharmaceutical, Inc. The name of the applicant has been altered to **AskBio Inc.**

2021369204 UQORA, INC. The name of the applicant has been altered to **Bonafide Health, LLC d/b/a Uqora**

2022

2022203079 Alstom Holdings The name of the applicant has been altered to **KB Signaling Inc.**

2022204079 Alstom Holdings The name of the applicant has been altered to **KB Signaling Inc.**

2022215115 TIGER & BEAN S.L.U. The name of the applicant has been altered to **Tiger & Bean S.L.**

2022297795 ASKLEPIOS BIOPHARMACEUTICAL, INC. The name of the applicant has been altered to **AskBio Inc.**

2023

2023204670 Bytemark, Inc. The name of the patentee has been altered to **Siemens Mobility, Inc.**

2023269908 UNITED LABORATORIES INTERNATIONAL, LLC The name of the applicant has been altered to **ZymeFlow, Inc.**

Amendments

2023293289 APOGEE BIOLOGICS, INC. The name of the applicant has been altered to **Apogee Therapeutics, Inc.**

2023339805 POLYTEX SPORTBELÄGE PRODUKTIONS-GMBH; Dario GROCHLA The name of the applicant has been altered to **POLYTEX SPORTBELÄGE PRODUKTIONS-GMBH**

2024

2024203536 SEI MANUFACTURING INC. The name of the applicant has been altered to **SEI Industries Ltd.**

2024900134 Gomez, Rudy The name of the applicant has been altered to **Gomez, R.A.M.**

2024900378 SDH Australia The name of the applicant has been altered to **SDH Australia Pty Ltd**

Notice of Intention to Amend under Section 105 pursuant to the Federal Court Rules

Australian Patent/Patent Application 2013242847 in the name(s) of Tama Australia Pty Ltd

Applications Open to Public Inspection

Name Index

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

(71) 24M Technologies, Inc. (11) AU-A-2025200097 (21) 2025200097 (22) 07.01.2025 (54) CONTINUOUS AND SEMI-CONTINUOUS METHODS OF SEMI-SOLID ELECTRODE AND BATTERY MANUFACTURING (51) Int. Cl. H01M 4/02 (2006.01) H01M 4/139 (2010.01) H01M 10/058 (2010.01) (43) 13.02.2025 (62) 2019301630 (72) ZAGARS, Raymond; OTA, Naoki; TYLER, Matthew R.; HOLMAN, Richard K.; DUDZIAK, Mark; BAZZARELLA, Riccardo (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd	(71) Abbott Diabetes Care Inc. (11) AU-A-2025200491 (21) 2025200491 (22) 24.01.2025 (54) Analyte sensors and sensing methods for detecting inhibitors of diaphorase (51) Int. Cl. A61B 5/145 (2006.01) A61B 5/1486 (2006.01) G01N 27/327 (2006.01) (43) 13.02.2025 (62) 2021278875 (72) FELDMAN, Benjamin J.; OUYANG, Tianmei; LIU, Zenghe; OJA, Stephen; WALLI, Ahmed Hisham; FOX, Cade Brylee (74) FPA Patent Attorneys Pty Ltd	(71) ABEC, INC. (11) AU-A-2025200102 (21) 2025200102 (22) 08.01.2025 (54) DISPOSABLE CONTAINERS AND REACTION SYSTEMS (51) Int. Cl. C12M 1/00 (2006.01) C12M 1/21 (2006.01) C12M 1/34 (2006.01) (43) 13.02.2025 (62) 2019311160 (72) RUDOLPH, Eric; SILVERBERG, Pete (74) Dark IP	(71) Abiomed, Inc. (11) AU-A-2025200481 (21) 2025200481 (22) 24.01.2025 (54) Expandable introducer sheath for medical device (51) Int. Cl. A61M 29/00 (2006.01) A61B 17/12 (2006.01)
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A61M 39/22 (2006.01) A61M 25/00 (2006.01) A61M 25/06 (2006.01) (43) 13.02.2025 (62) 2019222492 (72) KORKUCH, Christopher Nason; FANTUZZI, Glen R.; SHIP, Alexander; SWIERCZEK, Robert; FISHMAN, Robert (74) Davies Collison Cave Pty Ltd	(71) Alexion Pharmaceuticals, Inc. (11) AU-A-2025200303 (21) 2025200303 (22) 16.01.2025 (54) Polypeptides that bind complement component c5 or serum albumin and fusion proteins thereof (51) Int. Cl. C07K 16/46 (2006.01) A61K 39/395 (2006.01) C07K 16/18 (2006.01) (43) 13.02.2025 (62) 2018301412 (72) PUFFER, Bridget; CHANDLER, Julian; GERA, Nimish; SHERIDAN, Douglas L.; JINDAL, Siddharth; TAMBURINI, Paul P. (74) FPA Patent Attorneys Pty Ltd	(71) Alexion Pharmaceuticals, Inc. (11) AU-A-2025200313 (21) 2025200313 (22) 16.01.2025 (54) Polypeptides that bind complement component c5 or serum albumin and fusion proteins thereof (51) Int. Cl. C07K 16/46 (2006.01) A61K 39/395 (2006.01) C07K 16/18 (2006.01) (43) 13.02.2025 (62) 2018301412 (72) PUFFER, Bridget; CHANDLER, Julian; GERA, Nimish; SHERIDAN, Douglas L.; JINDAL, Siddharth; TAMBURINI, Paul P. (74) FPA Patent Attorneys Pty Ltd	Allogene Therapeutics, Inc. see Les Laboratoires Servier (21) 2024278176	(71) Alto Lock Pty Ltd (11) AU-A-2023208141 (21) 2023208141 (22) 26.07.2023 (54) A FEMALE COUPLER AND ASSEMBLY (51) Int. Cl. F16B 7/18 (2006.01) E04B 1/58 (2006.01) E04C 5/16 (2006.01) F16B 7/04 (2006.01)
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F16B 39/02 (2006.01) F16B 5/00 (2006.01) (43) 13.02.2025 (72) West, David (74) Wynnes Patent and Trade Mark Attorneys Pty Ltd	(71) Amolyt Pharma (11) AU-A-2023219898 (21) 2023219898 (22) 24.08.2023 (54) PARATHYROID HORMONE COMPOUNDS IN THE TREATMENT OF HYPOPARATHYROIDISM (51) Int. Cl. A61K 38/29 (2006.01) A61K 9/00 (2006.01) A61P 5/18 (2006.01) A61P 19/10 (2006.01) (31) 63/515944 (32) 27.07.23 (33) US (43) 13.02.2025 (72) Culler, Michael; Allas, Soraya; Sumeray, Mark; Abribat, Thierry (74) SR Intellectual Property	(71) Angel Group Co., Ltd. (11) AU-A-2025200301 (21) 2025200301 (22) 16.01.2025 (54) Management System (51) Int. Cl. A63F 9/00 (2006.01) A63F 13/80 (2014.01) (43) 13.02.2025 (62) 2019426475 (72) SHIGETA, Yasushi (74) Davies Collison Cave Pty Ltd	(71) Angel Group Co., Ltd. (11) AU-A-2025200325 (21) 2025200325 (22) 16.01.2025 (54) Game management system (51) Int. Cl. A63F 1/06 (2006.01) A63F 1/14 (2006.01) (43) 13.02.2025 (62) 2022275444 (72) Shigeta, Yasushi (74) Davies Collison Cave Pty Ltd	(71) Angel Group Co., Ltd. (11) AU-A-2025200330 (21) 2025200330 (22) 16.01.2025 (54) Game management system (51) Int. Cl. A63F 1/06 (2006.01) A63F 1/14 (2006.01) (43) 13.02.2025 (62) 2022275444 (72) Shigeta, Yasushi (74) Davies Collison Cave Pty Ltd
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Applications Open to Public Inspection - Name Index cont'd

(71) Angel Group Co., Ltd. (11) AU-A-2025200498 (21) 2025200498 (22) 24.01.2025 (54) Inspection system, inspecting device, and gaming chip (51) Int. Cl. G07D 5/00 (2006.01) G07F 1/06 (2006.01) (43) 13.02.2025 (62) 2022259821 (72) SHIGETA, Yasushi (74) FB Rice Pty Ltd	G07C 15/00 (2006.01) (43) 13.02.2025 (62) 2019202557 (72) Marsh, David; Roelofs, Karl; Casey, Michael P. (74) Griffith Hack	(43) 13.02.2025 (72) WANG, Fangjian; JIANG, Cheng; LI, Xuesong (74) Wynnes Patent and Trade Mark Attorneys Pty Ltd
(71) Apple Inc. (11) AU-A-2025200348 (21) 2025200348 (22) 17.01.2025 (54) User interfaces for watches (51) Int. Cl. G06F 1/16 (2006.01) G06F 3/048 (2013.01) (43) 13.02.2025 (62) 2023229597 (72) Chen, Kevin Will; Carrigan, Taylor G.; Dye, Alan C.; Felton, Nicholas D.; Guzman, Aurelio; Ive, Jonathan P.; Williams, Aled Hywel; Wilson, Christopher (74) FPA Patent Attorneys Pty Ltd	(71) ASSA ABLOY Australia Pty Limited (11) AU-A-2024202218 (21) 2024202218 (22) 05.04.2024 (54) POWER MANAGEMENT SYSTEM AND METHOD FOR LOCK ASSEMBLIES (51) Int. Cl. E05B 63/14 (2006.01) E05B 15/04 (2006.01) E05B 47/00 (2006.01) E05B 47/02 (2006.01) E05B 47/06 (2006.01) E05B 57/00 (2006.01) E05C 3/00 (2006.01) E05C 3/02 (2006.01) E05C 7/04 (2006.01) E05C 9/08 (2006.01) E05C 9/12 (2006.01) G07C 9/00 (2020.01) E05B 9/02 (2006.01) E05B 15/02 (2006.01) E05B 63/00 (2006.01) (31) 2023902383 (32) 26.07.23 (33) AU (43) 13.02.2025 (72) Pilli, Isaac; Levy, Gill (74) PHILLIPS ORMONDE FITZPATRICK	(71) Berlin, M.S. (11) AU-A-2025200364 (21) 2025200364 (22) 17.01.2025 (54) Methods and systems for OCT guided glaucoma surgery (51) Int. Cl. A61B 3/117 (2006.01) A61B 3/13 (2006.01) (43) 13.02.2025 (62) 2022271377 (72) Berlin, Michael S. (74) BRM Patent Attorneys Pty Ltd
(71) Aristocrat Technologies, Inc. (11) AU-A-2024204299 (21) 2024204299 (22) 24.06.2024 (54) REVERSE DRIVE PROTECTION ASSEMBLY FOR A GAMING MACHINE HANDLE (51) Int. Cl. G07F 17/32 (2006.01) B65G 23/40 (2006.01) (31) 18/226,066 (32) 25.07.23 (33) US (43) 13.02.2025 (72) Chen, Alvin (74) Griffith Hack	Baxalta GmbH see Baxalta Incorporated (21) 2025200285	(71) Blackhawk Network, Inc. (11) AU-A-2025200443 (21) 2025200443 (22) 23.01.2025 (54) System for packaging, processing, and activating a bundled greeting and gift card (51) Int. Cl. G06Q 40/00 (2023.01) G06Q 30/00 (2023.01) (43) 13.02.2025 (62) 2023233120 (72) KINGSBOROUGH, Donald (74) Davies Collison Cave Pty Ltd
(71) Aristocrat Technologies Australia Pty Limited (11) AU-A-2025200500 (21) 2025200500 (22) 24.01.2025 (54) GAMING MACHINE AND METHOD FOR EVALUATING PLAYER REACTIONS (51) Int. Cl. A63F 13/40 (2014.01) (43) 13.02.2025 (62) 2019219795 (72) SCHWARTZ, Gregory (74) Griffith Hack	(71) Baxalta Incorporated; Baxalta GmbH (11) AU-A-2025200285 (21) 2025200285 (22) 15.01.2025 (54) Viral vectors encoding recombinant FVIII variants with increased expression for gene therapy of hemophilia A (51) Int. Cl. C07K 14/755 (2006.01) (43) 13.02.2025 (62) 2020208375 (72) ROTTENSTEINER, Hanspeter; SCHEIFLINGER, Friedrich (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd	(71) Bruin Biometrics, LLC (11) AU-A-2025200344 (21) 2025200344 (22) 17.01.2025 (54) Providing a continuity of care across multiple care settings (51) Int. Cl. A61B 5/00 (2006.01) (43) 13.02.2025 (62) 2018368709 (72) BURNS, Martin (74) Spruson & Ferguson
(71) Aristocrat Technologies Australia Pty Limited (11) AU-A-2025200501 (21) 2025200501 (22) 24.01.2025 (54) GAMING MACHINE AND METHOD FOR DISPLAYING A FREE SPIN COUNT-UP (51) Int. Cl. G07F 17/32 (2006.01)	(71) BEIJING EACON TECHNOLOGY CO., LTD. (11) AU-A-2023270279 (21) 2023270279 (22) 30.10.2023 (54) Perceiving Method for roadside equipment, Perceiving System Therefor, Device, And Storage Medium (51) Int. Cl. G08G 1/01 (2006.01) G01S 13/86 (2006.01) G08G 1/04 (2006.01) H04L 43/0805 (2022.01) H04L 67/12 (2022.01) (31) 202310923374.X (32) 26.07.23 (33) CN	(71) BruMate, Inc. (11) AU-A-2024205031 (21) 2024205031 (22) 23.07.2024 (54) NO SPILL STRAW (51) Int. Cl. A47J 43/00 (2006.01) B65D 43/00 (2006.01) B67B 3/00 (2006.01) (31) 63/529,125 (32) 26.07.23 (33) US 63/529,988 31.07.23 US 18/516,771 21.11.23 US (43) 13.02.2025 (72) Jacob, Dylan M. (74) PHILLIPS ORMONDE FITZPATRICK
(71) Caddix, Inc. (11) AU-A-2025200524 (21) 2025200524 (22) 24.01.2025 (54) DEFLECTABLE CLEAT SYSTEM FOR FOOTWEAR (51) Int. Cl.	(31) 202310923374.X (32) 26.07.23 (33) CN	(71) Caddix, Inc. (11) AU-A-2025200524 (21) 2025200524 (22) 24.01.2025 (54) DEFLECTABLE CLEAT SYSTEM FOR FOOTWEAR (51) Int. Cl.

Applications Open to Public Inspection - Name Index cont'd

A43C 15/00 (2006.01)
A43C 15/02 (2006.01)
A43C 15/14 (2006.01)
A43C 15/16 (2006.01)
A43C 15/18 (2006.01)
A43B 5/02 (2006.01)
A43B 21/26 (2006.01)
A43B 21/39 (2006.01)
A43B 21/433 (2006.01)
A43C 15/04 (2006.01)
A43C 15/09 (2006.01)
(43) 13.02.2025
(62) 2023208742
(72) RASMUSSEN, Jack; RASMUSSEN, Jeffrey; STESZYN, Michael; RUEEGGER, Peter; MCMILLAN III, Joseph; VALOIS, Peter
(74) Northern Lights IP

(71) Caddix, Inc.
(11) AU-A-2025200525
(21) 2025200525 **(22)** 24.01.2025
(54) DEFLECTABLE CLEAT SYSTEM FOR FOOTWEAR
(51) Int. Cl.
A43C 15/00 (2006.01)
A43C 15/02 (2006.01)
A43C 15/14 (2006.01)
A43C 15/16 (2006.01)
A43C 15/18 (2006.01)
A43B 5/02 (2006.01)
A43B 21/26 (2006.01)
A43B 21/39 (2006.01)
A43B 21/433 (2006.01)
A43C 15/04 (2006.01)
A43C 15/09 (2006.01)
(43) 13.02.2025
(62) 2023208742
(72) RASMUSSEN, Jack; RASMUSSEN, Jeffrey; STESZYN, Michael; RUEEGGER, Peter; MCMILLAN III, Joseph; VALOIS, Peter
(74) Northern Lights IP

(71) Caddix, Inc.
(11) AU-A-2025200526
(21) 2025200526 **(22)** 24.01.2025
(54) DEFLECTABLE CLEAT SYSTEM FOR FOOTWEAR
(51) Int. Cl.
A43C 15/00 (2006.01)
A43C 15/02 (2006.01)
A43C 15/14 (2006.01)
A43C 15/16 (2006.01)
A43C 15/18 (2006.01)
A43B 5/02 (2006.01)
A43B 21/26 (2006.01)
A43B 21/39 (2006.01)
A43B 21/433 (2006.01)
A43C 15/04 (2006.01)
A43C 15/09 (2006.01)
(43) 13.02.2025
(62) 2023208742
(72) RASMUSSEN, Jack; RASMUSSEN, Jeffrey; STESZYN, Michael; RUEEGGER, Peter; MCMILLAN III, Joseph; VALOIS, Peter
(74) Northern Lights IP

(71) CATERPILLAR INC.
(11) AU-A-2024204494
(21) 2024204494 **(22)** 28.06.2024
(54) SYSTEM AND METHOD FOR DETERMINING CONNECTION STATUS OF BATTERY SYSTEM OF WORK MACHINE
(51) Int. Cl.
G07C 3/04 (2006.01)
B60L 58/10 (2019.01)
G01R 31/66 (2020.01)
G07C 5/04 (2006.01)
H02J 7/00 (2006.01)
H02J 7/34 (2006.01)
(31) 18/357239 **(32)** 24.07.23 **(33)** US
(43) 13.02.2025
(72) CLER, Eric W.; BROCKMAN, Elizabeth R.K.
(74) FPA Patent Attorneys Pty Ltd

(71) CATERPILLAR INC.
(11) AU-A-2024204642
(21) 2024204642 **(22)** 04.07.2024
(54) MOLDBOARD MODULAR RAIL DESIGN
(51) Int. Cl.
E02F 3/76 (2006.01)
E01B 5/18 (2006.01)
E01B 19/00 (2006.01)
E02F 3/64 (2006.01)
E02F 9/00 (2006.01)
(31) 18/225867 **(32)** 25.07.23 **(33)** US
(43) 13.02.2025
(72) VAHLING, Bruce R.; HARSHMAN, Nathaniel K.; KOVALICK, Benjamin J.
(74) FPA Patent Attorneys Pty Ltd

(71) CATERPILLAR INC.
(11) AU-A-2025200359
(21) 2025200359 **(22)** 17.01.2025
(54) Filtration device having a latch mechanism adapter
(51) Int. Cl.
B01D 35/30 (2006.01)
B01D 46/00 (2022.01)
B01D 46/52 (2006.01)
(43) 13.02.2025
(62) 2021355372
(72) FINN, Timothy Sean; RYON, Shawn M.; COLANTONI, David J.
(74) FPA Patent Attorneys Pty Ltd

(71) Centre for Aromatic Plants (CAP)
(11) AU-A-2024205101
(21) 2024205101 **(22)** 25.07.2024
(54) Anti-dandruff activity of artemisia vulgaris essential oil
(51) Int. Cl.
A61K 36/282 (2006.01)
A61K 8/35 (2006.01)
A61K 31/121 (2006.01)
A61P 17/00 (2006.01)
A61P 31/10 (2006.01)
A61Q 5/00 (2006.01)
(31) 23188454.5 **(32)** 28.07.23 **(33)** EP
(43) 13.02.2025
(72) CHAUHAN, Nirpendra Kumar; CHAUHAN, Anil Kumar; KEVLANI,

Nikita; KUMAR, Vikas; NAIK, Gaurav; SAH, Sunil; LOHANI, Hema
(74) GLMR

(71) Chongqing Changan Automobile Co., Ltd
(11) AU-A-2024200044
(21) 2024200044 **(22)** 03.01.2024
(54) Point Cloud Data Generation Method, Apparatus, And Device, And Storage Medium
(51) Int. Cl.
G01S 17/02 (2020.01)
G01S 17/04 (2020.01)
G06T 7/521 (2017.01)
G06T 15/10 (2011.01)
G06T 15/50 (2011.01)
G06T 17/00 (2006.01)
(31) 202310916218.0 **(32)** 24.07.23 **(33)** CN
(43) 13.02.2025
(72) LONG, Pengyu; ZHENG, Bo; CHEN, Hao; ZHENG, Yuhang
(74) WRAYS PTY LTD

(71) Chongqing Changan Automobile Co., Ltd.
(11) AU-A-2023285769
(21) 2023285769 **(22)** 20.12.2023
(54) Vehicle risk avoidance method and system, vehicle and storage medium
(51) Int. Cl.
G08G 1/16 (2006.01)
B60W 30/095 (2012.01)
G08G 1/01 (2006.01)
(31) 2023109282229 **(32)** 26.07.23 **(33)** CN
(43) 13.02.2025
(72) Yang, Yue; Song, Lincong; Zhou, Hongwei; He, Wen
(74) Davies Collison Cave Pty Ltd

(71) CHO Pharma, Inc.
(11) AU-A-2024204980
(21) 2024204980 **(22)** 19.07.2024
(54) Fucosidase mutants and the use thereof
(51) Int. Cl.
C12N 9/24 (2006.01)
(31) 63/529,439 **(32)** 28.07.23 **(33)** US
(43) 13.02.2025
(72) WU, Wei-Shen; CHU, Kuo-Ching
(74) Spruson & Ferguson

(71) COALBED INNOVATIONS PTY LTD
(11) AU-A-2024201202
(21) 2024201202 **(22)** 22.02.2024
(54) APPARATUS FOR SEPARATING A GAS FROM A MULTIPHASE MATERIAL
(51) Int. Cl.
B04C 3/06 (2006.01)
B01D 19/00 (2006.01)
E21B 43/34 (2006.01)
B04C 11/00 (2006.01)
(31) 2023902380 **(32)** 26.07.23 **(33)** AU
(43) 13.02.2025
(72) MacDonald, Duncan
(74) Adams Pluck

Applications Open to Public Inspection - Name Index cont'd

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(71) Compagnie Engrenages et Reducteurs-Messian-Durand (11) AU-A-2024205053 (21) 2024205053 (22) 24.07.2024 (54) Torque limiter, corresponding transmission assembly and use (51) Int. Cl. F16D 7/04 (2006.01) (31) 2308177 (32) 26.07.23 (33) FR (43) 13.02.2025 (72) LESSARD, Fabrice (74) Davies Collison Cave Pty Ltd	(71) Dahiya, V.; Singh, A.; Singh, A. (11) AU-A-2024205154 (21) 2024205154 (22) 28.07.2024 (54) A Reward Based System and Method to Motivate Children to Complete Tasks Using an Interactive Platform (51) Int. Cl. G06Q 10/0637 (2023.01) A63F 9/18 (2006.01) (31) 202311036826 (32) 28.07.23 (33) IN (43) 13.02.2025 (72) Dahiya, Vivaan; Singh, Akshita; Singh, Anuvrat (74) Vivaan Dahiya	(71) Deere & Company (11) AU-A-2024204475 (21) 2024204475 (22) 28.06.2024 (54) Wrap floor control (51) Int. Cl. A01F 15/07 (2006.01) A01D 46/08 (2006.01) (31) 63/516,174 (32) 28.07.23 (33) US 18/735,631 06.06.24 US (43) 13.02.2025 (72) Wigdahl, Jeffrey S.; Hackert, Ryan A.; Fox, Jeffrey R. (74) Davies Collison Cave Pty Ltd
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G07D 11/00 (2019.01)
G06Q 20/32 (2012.01)
G07D 5/02 (2006.01)
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(72) Dellas, James
(74) Houlihan Intellectual Property Pty Ltd

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(54) Drone system for powerline inspection using radio frequency scanning techniques
(51) Int. Cl.
G01R 31/00 (2006.01)
B64C 39/00 (2023.01)
G01S 1/00 (2006.01)
G01S 5/00 (2006.01)
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(72) WONG, Khoi Loon
(74) FPA Patent Attorneys Pty Ltd

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(54) Current control apparatus
(51) Int. Cl.
H01H 9/00 (2006.01)
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H02M 5/12 (2006.01)
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(51) Int. Cl.

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(72) TOLLO, Mortaza; GRAF, Karl James; RUSSELL, Joseph
(74) mdp Patent and Trade Mark Attorneys

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(54) Systems and methods for remote prescription of medication-dosing regimens
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G16H 20/17 (2018.01)
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(74) WRAYS PTY LTD

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(54) Systems and methods for delivering neuroregenerative therapy
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A61N 1/00 (2006.01)
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(72) WILLAND, Michael, Patrick; AGUIRRE, Sergio, David
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(71) Ergon, Inc.
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(21) 2025200402 (22) 21.01.2025
(54) Method for modifying asphalt using oil having reduced polycyclic aromatic hydrocarbon (PAH) content obtained from the pyrolysis of waste tires
(51) Int. Cl.
C08L 91/00 (2006.01)
C08L 95/00 (2006.01)
C10B 53/07 (2006.01)
C10G 1/02 (2006.01)
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(72) BAUMGARDNER, Gaylon L.
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(71) Expedia, Inc.
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(54) Image classification system
(51) Int. Cl.
G06F 18/24 (2023.01)
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G06N 3/02 (2006.01)
G06N 3/08 (2023.01)
G06V 10/764 (2022.01)
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(43) 13.02.2025
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(72) WEN, Li; HUO, Zhanpeng; JIANG, Jingya
(74) FPA Patent Attorneys Pty Ltd

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(54) Snap-In Member, Assembled Decking Combination And Method Of Assembling Decking
(51) Int. Cl.
E04B 1/38 (2006.01)
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(74) WRAYS PTY LTD

(71) Ferring Microbiome Inc.
(11) AU-A-2025200487
(21) 2025200487 (22) 24.01.2025
(54) Microbiota restoration therapy (MRT), compositions and methods of manufacture
(51) Int. Cl.
A61K 35/38 (2015.01)
A61K 35/74 (2015.01)
A61P 1/00 (2006.01)
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(74) Griffith Hack

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(54) MULTILAYER FILM
(51) Int. Cl.
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(72) Gkinosatis, Dimitris
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Form Energy, Inc.
(11) AU-A-2025200494
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(54) NEGATIVE ELECTRODES FOR ELECTROCHEMICAL CELLS
(51) Int. Cl.

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(74) RnB IP Pty Ltd

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(21) 2025200428 (22) 22.01.2025

(54) Process for the preparation of tricyclic PI3K inhibitor compounds and methods of using the same for the treatment of cancer

(51) Int. Cl.

C07D 498/14 (2006.01)

A61K 31/519 (2006.01)

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(74) MINTER ELLISON

(71) GIGA-BYTE TECHNOLOGY CO., LTD.

(11) AU-A-2024205019

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(54) DISPLAY DEVICE AND FLEXIBLE FRAME

(51) Int. Cl.

G06F 1/16 (2006.01)

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(54) SLIT SHEET TENSIONING DEVICE

(51) Int. Cl.

B65H 5/06 (2006.01)

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(72) GOODRICH, David Paul

(74) Allens Patent & Trade Mark Attorneys

(71) Graco Minnesota Inc.

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(54) Spray gun and components for spraying paints and other coatings

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B05B 1/32 (2006.01)

B05B 3/02 (2006.01)

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B05B 15/52 (2018.01)

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(71) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.

(11) AU-A-2025200504

(21) 2025200504 (22) 24.01.2025

(54) Method for encoding/decoding image signal and device for same

(51) Int. Cl.

H04N 19/593 (2014.01)

H04N 19/11 (2014.01)

H04N 19/119 (2014.01)

H04N 19/122 (2014.01)

H04N 19/124 (2014.01)

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H04N 19/176 (2014.01)

H04N 19/61 (2014.01)

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(54) Method for encoding/decoding image signal and device for same

(51) Int. Cl.

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(54) Method for encoding/decoding image signal and device for same

(51) Int. Cl.

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H04N 19/11 (2014.01)

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(51) Int. Cl.

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(54) Enterprise spend optimization and mapping model architecture
(51) Int. Cl.
G06Q 10/06 (2023.01)
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(74) FPA Patent Attorneys Pty Ltd

(71) Hopkins, C.
(11) AU-A-2024205071
(21) 2024205071 (22) 24.07.2024
(54) Kinetic Energy Harvesting System with Electrical Generator for Motion-based Electrical Power Generation
(51) Int. Cl.
F03G 3/06 (2006.01)
F03G 3/08 (2006.01)
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H02J 3/28 (2006.01)
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(72) Hopkins, Clinton
(74) Clinton Paul Hopkins

(71) Huawei Technologies Co., Ltd.
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(54) METHOD AND APPARATUS FOR REDUCING A PEAK TO AVERAGE POWER RATIO IN THE TRANSMISSION OF PHYSICAL LAYER PROTOCOL DATA UNITS
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(54) Method for determining spatial reuse parameter field in PPDU and related apparatus
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(54) METHOD AND APPARATUS FOR CHROMA INTRA PREDICTION IN VIDEO CODING
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(54) INHIBITING TRAINED IMMUNITY WITH A THERAPEUTIC NANOBIOLOGIC COMPOSITION
(51) Int. Cl.
A61K 9/127 (2006.01)
A61K 9/51 (2006.01)
A61K 31/436 (2006.01)
A61K 38/17 (2006.01)
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(72) WONG, Hing
(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) Inner Mongolia Electric Power Research Institute Branch of Inner Mongolia Electric Power (Group) Co., Ltd.
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(54) POWER LIMIT CONTROL METHOD AND SYSTEM OF A WIND TURBINE
(51) Int. Cl.
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(72) Zhong, Ming; Yin, Boqing; Han, Rulei; Wang, Yuqiang; Xing, Lixin; Jian, Xusheng; Yang, Yi; Wang, Jiangping
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(51) Int. Cl.
H02J 3/38 (2006.01)
H02M 7/23 (2006.01)
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(74) Madderms Pty Ltd

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(54) Nucleic acid-guided nucleases
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C12N 5/10 (2006.01)
C12N 9/22 (2006.01)
C12N 15/09 (2006.01)
C12N 15/11 (2006.01)
C12N 15/70 (2006.01)
C12N 15/81 (2006.01)
C12N 15/85 (2006.01)
C12N 15/90 (2006.01)
(43) 13.02.2025
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(74) FB Rice Pty Ltd

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(54) Confidence generation for managing a generative artificial intelligence model
(51) Int. Cl.
G06F 40/40 (2020.01)
G06F 40/20 (2020.01)
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G06N 3/08 (2023.01)
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G06N 20/00 (2019.01)

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Anshuman
(74) Davies Collison Cave Pty Ltd

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(54) Tuning a generative artificial intelli-
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G06N 5/04 (2023.01)
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Anshuman
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(54) Buoyancy aid
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A41D 13/012 (2006.01)
A41D 7/00 (2006.01)
A63B 31/11 (2006.01)
A63B 69/00 (2006.01)
B63C 9/093 (2006.01)
B63C 9/105 (2006.01)
B63C 9/115 (2006.01)
B63C 9/125 (2006.01)
B63C 9/135 (2006.01)
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A41D 13/05 (2006.01)
B63C 11/08 (2006.01)
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(74) Ironskinn

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(54) Billed consumption usage interval es-
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(74) FPA Patent Attorneys Pty Ltd

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C12N 9/96 (2006.01)
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(74) Allens Patent & Trade Mark Attorneys

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TION METHOD AND APPLICATION
THEREFOR
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F24S 23/00 (2018.01)
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maintaining characteristics of vascular
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A61K 35/44 (2015.01)
A61P 9/00 (2006.01)

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C07K 14/725 (2006.01)
A61K 35/17 (2015.01)
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(74) Allens Patent & Trade Mark Attorneys

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same
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F25C 1/24 (2018.01)
F25C 1/25 (2018.01)
F25D 23/12 (2006.01)
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Seungjin; LEE, Seunggeun
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(54) APPARATUS FOR TREATING LAUN-
DRY
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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)
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Hyeonjoong; KWON, Oshin; HWANG,
Yangguk; LEE, Hyuksoo; LEE, Yeonju
(74) Dentons Patent Attorneys Australasia
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(71) MacDon Industries Ltd. (11) AU-A-2025200309 (21) 2025200309 (22) 16.01.2025 (54) AUTONOMOUS CONTROL OF A CROP HARVESTING HEADER (51) Int. Cl. A01D 41/127 (2006.01) A01D 41/06 (2006.01) A01D 45/00 (2018.01) A01D 47/00 (2006.01) (43) 13.02.2025 (62) 2019209655 (72) SHEARER, Bruce Robert; LEACHMAN, Jeffrey David (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD	(71) Mansley, M.R. (11) AU-A-2023208117 (21) 2023208117 (22) 26.07.2023 (54) A mental health electro-magnetic bed placement system (51) Int. Cl. A61G 7/08 (2006.01) A47C 17/86 (2006.01) A47C 31/00 (2006.01) A61G 7/018 (2006.01) A61G 7/05 (2006.01) A61G 7/10 (2006.01) (43) 13.02.2025 (72) Mansley, Rick (74) Kenneth Lindsay Pagden	(71) Mayo Foundation for Medical Education and Research (11) AU-A-2025200286 (21) 2025200286 (22) 15.01.2025 (54) Purified exosome products, method of making, and methods of using (51) Int. Cl. A61K 35/16 (2015.01) A61K 8/11 (2006.01) A61K 8/14 (2006.01) A61K 8/98 (2006.01) A61K 9/50 (2006.01) (43) 13.02.2025 (62) 2018386209 (72) BEHFAR, Atta; BOROUMAND, Soulmaz; CALLAHAN, Michael V. (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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B60K 31/00 (2006.01)
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(72) SUMMERS, Paul Andrew Roy
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(54) Herbicidal compositions
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A01N 25/22 (2006.01)
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(72) Lam, John
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(54) Improved single turn screw pile
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E02D 5/56 (2006.01)
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(54) Image analysis systems and methods for determining building roof age
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G06V 10/40 (2022.01)
G06N 3/02 (2006.01)
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A61K 9/08 (2006.01)
A61K 39/395 (2006.01)
A61P 11/02 (2006.01)
A61P 11/06 (2006.01)
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(54) Systems, Methods, And Gaming Machines Having Adjustable Progressive Awards
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(54) Multi-Glazed Window Assembly And Retrofit Method Of Forming Same
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E06B 3/263 (2006.01)
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(54) QUICK COUPLING SYSTEM
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B25J 15/12 (2006.01)
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C03B 5/235 (2006.01)
C03B 5/24 (2006.01)
C03C 1/00 (2006.01)
C03C 3/087 (2006.01)
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(72) VEMPATI, Udaya; PINC, William
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(71) POVIVA CORP.
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(54) COMPOSITIONS AND METHODS FOR TREATING EPILEPSY
(51) Int. Cl.
A61K 31/05 (2006.01)
A61K 47/02 (2006.01)
A61K 47/28 (2006.01)
A61K 47/44 (2017.01)
A61P 25/08 (2006.01)
(43) 13.02.2025
(62) 2024202518
(72) DOCHERTY, John; BUNKA, Christopher
(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) Primewan Limited
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(54) METHOD OF FORMING A VIRTUAL NETWORK
(51) Int. Cl.
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H04J 14/02 (2006.01)
H04L 12/46 (2006.01)
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(72) LI, Ming
(74) Murray Trento & Associates Pty Ltd

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(21) 2023446722

PT ESG NEW ENERGY MATERIAL see PT QMB NEW ENERGY MATERIALS
(21) 2023446725

(71) PT ESG NEW ENERGY MATERIAL;
PT QMB NEW ENERGY MATERIALS;
GEM CO., LTD.; PT GEM INDONESIA
NEW ENERGY MATERIALS
(11) AU-A-2023446727

(21) 2023446727 (22) 28.07.2023
(54) TREATMENT METHOD FOR LATERITE NICKEL ORE BY CURING AND ROASTING-WATER LEACHING-AT-MOSPHERIC PRESSURE ACID LEACHING
(51) Int. Cl.
C22B 23/00 (2006.01)
C22B 1/06 (2006.01)
C22B 3/04 (2006.01)
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(72) BRODJONEGORO, Satryo Soemantri; XU, Kaihua; WANG, Yi; KRISTIYANTO, Evan Wahyu; BAKING, Aad Alief Rasyidi; AJI, Tegar Mukti; WANALDI, Rizky; HASIBUAN, Andi Syaputra
(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-2023446728
(21) 2023446728 (22) 27.07.2023
(54) NICKEL LATERITE ORE HIGH-PRESSURE LEACHING RESIDENCE TIME OPTIMIZATION SYSTEM
(51) Int. Cl.
C22B 3/06 (2006.01)
C22B 23/00 (2006.01)
G05D 7/00 (2006.01)
(43) 13.02.2025
(72) BRODJONEGORO, Satryo Soemantri; XU, Kaihua; WANG, Yaning; WANALDI, Rizky; AJI, Tegar Mukti; BAKING, Aad Alief Rasyidi; HASIBUAN, Andi Syaputra; RAHMADI, Piyan
(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-2023446734
(21) 2023446734 (22) 27.07.2023
(54) METHOD FOR EXTRACTING METALS FROM SAPROLITE LATERITIC NICKEL ORE
(51) Int. Cl.
C22B 3/04 (2006.01)
C22B 3/22 (2006.01)
C22B 3/44 (2006.01)
C22B 23/00 (2006.01)
C22B 26/22 (2006.01)
C22B 47/00 (2006.01)
C25C 1/08 (2006.01)
(43) 13.02.2025
(72) BRODJONEGORO, Satryo Soemantri; XU, Kaihua; WANALDI, Rizky; AJI, Tegar Mukti; HASIBUAN, Andi Syaputra; ARINDA, Shella; KRISTIYANTO, Evan Wahyu; WANG, Yi
(74) Madderns Pty Ltd

PT ESG NEW ENERGY MATERIAL see PT QMB NEW ENERGY MATERIALS
(21) 2023446739

PT ESG NEW ENERGY MATERIAL see PT QMB NEW ENERGY MATERIALS
(21) 2023446743

(71) PT ESG NEW ENERGY MATERIAL;
PT QMB NEW ENERGY MATERIALS;
GEM CO., LTD.; PT GEM INDONESIA
NEW ENERGY MATERIALS
(11) AU-A-2023446745
(21) 2023446745 (22) 27.07.2023
(54) ACID-ORE RATIO DYNAMIC OPTIMIZATION METHOD FOR HIGH-PRESSURE LEACHING OF LATERITE NICKEL ORE
(51) Int. Cl.
C22B 23/00 (2006.01)
C22B 3/08 (2006.01)
G05D 7/00 (2006.01)
(43) 13.02.2025
(72) BRODJONEGORO, Satryo Soemantri; XU, Kaihua; WANG, Yi; WANALDI, Rizky; AJI, Tegar Mukti; KRISTIYANTO, Evan Wahyu; HASIBUAN, Andi Syaputra; RAHMADI, Piyan
(74) Madderns Pty Ltd

PT GEM INDONESIA NEW ENERGY MATERIALS see PT QMB NEW ENERGY MATERIALS
(21) 2023446722

PT GEM INDONESIA NEW ENERGY MATERIALS see PT QMB NEW ENERGY MATERIALS
(21) 2023446725

PT GEM INDONESIA NEW ENERGY MATERIALS see PT ESG NEW ENERGY MATERIAL
(21) 2023446727

PT GEM INDONESIA NEW ENERGY MATERIALS see PT ESG NEW ENERGY MATERIAL
(21) 2023446728

PT GEM INDONESIA NEW ENERGY MATERIALS see PT ESG NEW ENERGY MATERIAL
(21) 2023446734

PT GEM INDONESIA NEW ENERGY MATERIALS see PT QMB NEW ENERGY MATERIALS
(21) 2023446739

PT GEM INDONESIA NEW ENERGY MATERIALS see PT QMB NEW ENERGY MATERIALS
(21) 2023446743

Applications Open to Public Inspection - Name Index cont'd

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

(21) 2023446745

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

(11) AU-A-2023446722

(21) 2023446722 (22) 26.07.2023

(54) METHOD FOR PREPARING BATTERY-GRADE NICKEL-COBALT-MANGANESE SULFATE SOLUTION FROM LOW-NICKEL MATTE

(51) Int. Cl.

C22B 23/00 (2006.01)

C22B 3/08 (2006.01)

C22B 3/22 (2006.01)

C22B 3/24 (2006.01)

C22B 47/00 (2006.01)

H01M 4/525 (2010.01)

(43) 13.02.2025

(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

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

(11) AU-A-2023446725

(21) 2023446725 (22) 28.07.2023

(54) COMBINED TREATMENT METHOD FOR LATERITE NICKEL ORE HYDROMETALLURGICAL SLAG AND PHOSPHATING SLAG

(51) Int. Cl.

C22B 7/04 (2006.01)

C22B 1/02 (2006.01)

C22B 3/04 (2006.01)

(43) 13.02.2025

(72) XU, Kaihua; BRODJONEGORO, Satryo Soemantri; HASIBUAN, Andi Syaputra; SALIM, Emil; WANALDI, Rizky; YAN, Xiaodong; AJI, Tegar Mukti; RAHMADI, Piyan

(74) Madderns Pty Ltd

PT QMB NEW ENERGY MATERIALS see PT ESG NEW ENERGY MATERIAL

(21) 2023446727

PT QMB NEW ENERGY MATERIALS see PT ESG NEW ENERGY MATERIAL

(21) 2023446728

PT QMB NEW ENERGY MATERIALS see PT ESG NEW ENERGY MATERIAL

(21) 2023446734

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

(11) AU-A-2023446739

(21) 2023446739 (22) 27.07.2023

(54) METHOD FOR EXTRACTING NICKEL, COBALT AND MANGANESE FROM LATERITE NICKEL ORE BY MEANS OF ACID LEACHING

(51) Int. Cl.

C22B 23/00 (2006.01)

B03B 4/02 (2006.01)

B03C 1/025 (2006.01)

C22B 1/00 (2006.01)

C22B 47/00 (2006.01)

(43) 13.02.2025

(72) XU, Kaihua; BRODJONEGORO, Satryo Soemantri; CUI, Tao; AJI, Tegar Mukti; WANALDI, Rizky; RAHMADI, Piyan; HASIBUAN, Andi Syaputra; SALIM, Emil

(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-2023446743

(21) 2023446743 (22) 26.07.2023

(54) METHOD FOR PREPARING BATTERY-GRADE NICKEL-COBALT-MANGANESE SULFATE CRYSTAL FROM LOW-GRADE NICKEL MATTE

(51) Int. Cl.

C22B 23/00 (2006.01)

C22B 3/04 (2006.01)

C22B 3/08 (2006.01)

C22B 3/22 (2006.01)

C22B 3/26 (2006.01)

C22B 47/00 (2006.01)

(43) 13.02.2025

(72) XU, Kaihua; BRODJONEGORO, Satryo Soemantri; JIN, Guoquan; AJI, Tegar Mukti; WANALDI, Rizky; HASIBUAN, Andi Syaputra; KRISTIYANTO, Evan Wahyu; SALIM, Emil

(74) Madderns Pty Ltd

PT QMB NEW ENERGY MATERIALS see PT ESG NEW ENERGY MATERIAL

(21) 2023446745

(71) Pure Storage, Inc.

(11) AU-A-2025200352

(21) 2025200352 (22) 17.01.2025

(54) Synchronously replicating datasets and other managed objects to cloud-based storage systems

(51) Int. Cl.

G06F 3/06 (2006.01)

(43) 13.02.2025

(62) 2022268336

(72) BOTES, Par; COLGROVE, John; DRISCOLL, Alan; GRUNWALD, David; HODGSON, Steven; KARR, Ronald

(74) Spruson & Ferguson

(71) Rapid Micro Biosystems, Inc.

(11) AU-A-2025200319

(21) 2025200319 (22) 16.01.2025

(54) Filtration assemblies, cassettes, systems, and methods for filtration and cell growth

(51) Int. Cl.

C12M 1/12 (2006.01)

C12M 1/14 (2006.01)

C12M 1/16 (2006.01)

C12M 1/22 (2006.01)

C12M 1/34 (2006.01)

C12M 3/04 (2006.01)

C12Q 1/04 (2006.01)

(43) 13.02.2025

(62) 2021305328

(72) RIPPETH, John; WEHEBRINK, Max; TYDESLEY, Frank; SMITH, Richard

(74) Spruson & Ferguson

(71) Regeneron Pharmaceuticals, Inc.

(11) AU-A-2025200323

(21) 2025200323 (22) 16.01.2025

(54) CBLB endonuclease variants, compositions, and methods of use

(51) Int. Cl.

C12N 9/04 (2006.01)

C07K 14/195 (2006.01)

C07K 14/405 (2006.01)

C12N 15/00 (2006.01)

C12N 15/53 (2006.01)

C12N 15/62 (2006.01)

(43) 13.02.2025

(62) 2018273979

(72) Jarjour, Jordan; Havens, Kyle; Krostag, Anne-Rachel

(74) Davies Collison Cave Pty Ltd

(71) Research Institute At Nationwide Children's Hospital

(11) AU-A-2025200437

(21) 2025200437 (22) 22.01.2025

(54) Adeno-Associated Virus Vector Delivery Of Muscle Specific Micro-Dystrophin To Treat Muscular Dystrophy

(51) Int. Cl.

C12N 15/86 (2006.01)

C12N 15/09 (2006.01)

C12N 15/113 (2010.01)

(43) 13.02.2025

(62) 2018233732

(72) Rodino-Klapac, Louise; Mendell, Jerry R.

(74) WRAYS PTY LTD

(71) Rothamsted Research Ltd

(11) AU-A-2025200293

(21) 2025200293 (22) 15.01.2025

(54) Production of omega-3 long chain polyunsaturated fatty acids

(51) Int. Cl.

C12N 15/82 (2006.01)

C12N 9/02 (2006.01)

C12N 9/10 (2006.01)

(43) 13.02.2025

(62) 2021282443

(72) Napier, Johnathan; Sayanova, Olga; Lopez, Noemi Ruiz; Haslam, Richard

(74) Allens Patent & Trade Mark Attorneys

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- (71) Sage Therapeutics, Inc.
 (11) AU-A-2025200422
 (21) 2025200422 (22) 22.01.2025
 (54) Neuroactive steroids substituted in position 10 with a cyclic group for use in the treatment of CNS disorders
 (51) Int. Cl.
C07J 7/00 (2006.01)
A61K 31/57 (2006.01)
A61K 31/58 (2006.01)
A61P 25/00 (2006.01)
A61P 25/24 (2006.01)
C07J 43/00 (2006.01)
C07J 1/00 (2006.01)
C07J 13/00 (2006.01)
C07J 21/00 (2006.01)
 (43) 13.02.2025
 (62) 2019357040
 (72) BLANCO-PILLADO, Maria Jesus; SALTURO, Francesco G.; MORNINGSTAR, Marshall Lee
 (74) Spruson & Ferguson
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- (71) Samsung Bioepis Co., Ltd
 (11) AU-A-2025200013
 (21) 2025200013 (22) 02.01.2025
 (54) Stable aqueous anti-C5 antibody composition
 (51) Int. Cl.
A61K 39/395 (2006.01)
A61K 39/00 (2006.01)
 (43) 13.02.2025
 (62) 2017376884
 (72) Lee, Jaemin; Shon, Yuna; Lee, Tae-Soo; Min, Brian Ho Sung; Kim, YongKook; Park, Soojeong; Park, Sungjae
 (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) Sany Renewable Energy Co., Ltd.
 (11) AU-A-2024204926
 (21) 2024204926 (22) 17.07.2024
 (54) BLADE TAIL EDGE STRUCTURE, WIND TURBINE BLADE, AND WIND TURBINE GENERATOR SYSTEM
 (51) Int. Cl.
F03D 1/06 (2006.01)
F03D 3/06 (2006.01)
 (31) 202310921100.7 (32) 25.07.23 (33) CN
 (43) 13.02.2025
 (72) Wang, Xuetao
 (74) Madderns Pty Ltd
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- (71) Scanna MSC Limited
 (11) AU-A-2024204786
 (21) 2024204786 (22) 11.07.2024
 (54) DEPLOYING ELECTRIC FIELDS
 (51) Int. Cl.
G01R 1/30 (2006.01)
G01N 27/02 (2006.01)
G01R 1/02 (2006.01)
G01R 1/20 (2006.01)
 (31) GB2311406.9 (32) 25.07.23 (33) GB
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- (43) 13.02.2025
 (72) Cummings, Noel Samuel
 (74) Ahearn Fox
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- (71) Schneider Electric USA, Inc.
 (11) AU-A-2024203519
 (21) 2024203519 (22) 27.05.2024
 (54) 10Base-T1S and -T1L on power monitoring and protection equipment
 (51) Int. Cl.
H02J 13/00 (2006.01)
G01R 19/00 (2006.01)
H02J 3/00 (2006.01)
 (31) 63/528,813 (32) 25.07.23 (33) US
 202314077489 14.11.23 IN
 18/416,424 18.01.24 US
 (43) 13.02.2025
 (72) Stevenson, Thomas S.; Schubert, Clifford; Anderson, David P.; J, Mohamed sait
 (74) Davies Collison Cave Pty Ltd
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- (71) Sciencons AS
 (11) AU-A-2025200382
 (21) 2025200382 (22) 20.01.2025
 (54) Production of highly purified 212Pb
 (51) Int. Cl.
G21G 1/00 (2006.01)
A61K 51/12 (2006.01)
 (43) 13.02.2025
 (62) 2024220076
 (72) LARSEN, Roy H.
 (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) SEASON AGRICULTURAL TECHNOLOGY CO., LTD.
 (11) AU-A-2023208092
 (21) 2023208092 (22) 25.07.2023
 (54) CONFIGURATION SYSTEM FOR GREEN ENERGY AGRICULTURAL PARK
 (51) Int. Cl.
A01G 9/24 (2006.01)
A01G 18/00 (2018.01)
A01K 31/19 (2006.01)
C05F 3/00 (2006.01)
H02S 10/00 (2014.01)
C05F 9/00 (2006.01)
 (43) 13.02.2025
 (72) Yang, Ching-Chieh
 (74) Patent Attorney Services
-
- (71) Shanghai Lanhao Electric Co., Ltd
 (11) AU-A-2023237189
 (21) 2023237189 (22) 29.09.2023
 (54) AUXILIARY WIRE, FLAT CABLE AND ROUND CABLE
 (51) Int. Cl.
H01B 7/17 (2006.01)
H01B 13/22 (2006.01)
 (31) 2023109216458 (32) 26.07.23 (33) CN
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- (43) 13.02.2025
 (72) QIAN, Zhangxing; WANG, Bingbing; DING, Jingjing; LIN, Chaoyong; LIU, Chunyan
 (74) SOUTHERN CROSS INTELLECTUAL PROPERTY PTY LTD
-
- (71) Shanghai Ocean University
 (11) AU-A-2023248088
 (21) 2023248088 (22) 10.10.2023
 (54) METHOD FOR REGULATING HATCHING PERIOD OF TAKIFUGU OBSCURE EMBRYOS BASED ON EFFECTIVE ACCUMULATED TEMPERATURE MODEL
 (51) Int. Cl.
G05D 23/19 (2006.01)
A01K 61/17 (2017.01)
G06F 17/17 (2006.01)
 (31) 202310905779.0 (32) 24.07.23 (33) CN
 (43) 13.02.2025
 (72) Chen, Ming; Li, Yinxin
 (74) Madderns Pty Ltd
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- (71) SHANGHAI ZELGEN PHARMA.TECH CO., LTD.; SUZHOU ZELGEN BIOPHARMACEUTICALS CO., LTD.
 (11) AU-A-2025200332
 (21) 2025200332 (22) 16.01.2025
 (54) Substituted benzo or pyridopyrimidine amine inhibitor, preparation method thereof, and application thereof
 (51) Int. Cl.
C07D 403/12 (2006.01)
A61K 31/517 (2006.01)
A61P 35/00 (2006.01)
C07D 239/94 (2006.01)
C07D 401/14 (2006.01)
C07D 403/08 (2006.01)
C07D 405/12 (2006.01)
C07D 405/14 (2006.01)
C07D 487/04 (2006.01)
 (43) 13.02.2025
 (62) 2021367089
 (72) LV, Binhua; CUI, Dawei; ZHANG, Qing; CHAI, Chuanke; LIANG, Hui; PANG, Xudong
 (74) FPA Patent Attorneys Pty Ltd
-
- (71) Sheltered Wings, Inc. D/B/A Vortex Optics
 (11) AU-A-2025200446
 (21) 2025200446 (22) 23.01.2025
 (54) A display system for a viewing optic
 (51) Int. Cl.
F41G 1/38 (2006.01)
G02B 23/04 (2006.01)
G02B 27/16 (2006.01)
 (43) 13.02.2025
 (62) 2019379506
 (72) HAMILTON, Sam; KLEMM, Ian; HAVENS, Calen; CODY, Tom; SCHULTZ, Craig; BOLLIG, Garrison; CARLSON, Andy; LOWRY, William; LEWIS, Alexander; LAUFENBERG, Nicholas B.
 (74) Spruson & Ferguson
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 (11) AU-A-2025200421
 (21) 2025200421 (22) 22.01.2025
 (54) OCULAR DELIVERY SYSTEMS AND METHODS
 (51) Int. Cl.
 A61F 11/00 (2022.01)
 (43) 13.02.2025
 (62) 2023200129
 (72) Badawi, David Y.; O'Keeffe, Daniel; Badawi, Paul
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Simpson Strong-Tie A/S
 (11) AU-A-2025200474
 (21) 2025200474 (22) 24.01.2025
 (54) Wind brace tensioning bracket and tensioning system
 (51) Int. Cl.
 F16B 7/06 (2006.01)
 E04C 5/12 (2006.01)
 F16B 2/00 (2006.01)
 F16B 7/04 (2006.01)
 F16B 21/07 (2006.01)
 (43) 13.02.2025
 (62) 2021232620
 (72) HANSEN, Jacob; FREDERIKSEN, Henrik
 (74) Spruson & Ferguson

Singh, A. see Dahiya, V.
 (21) 2024205154

Singh, A. see Dahiya, V.
 (21) 2024205154

(71) Skechers U.S.A., Inc. II
 (11) AU-A-2025200510
 (21) 2025200510 (22) 24.01.2025
 (54) Footwear counter for easier entry and removal
 (51) Int. Cl.
 A43B 23/17 (2006.01)
 A43B 11/00 (2006.01)
 A43B 11/02 (2006.01)
 A43B 23/08 (2006.01)
 A43B 21/26 (2006.01)
 A43B 21/32 (2006.01)
 A43B 21/36 (2006.01)
 A43B 23/10 (2006.01)
 A43B 23/26 (2006.01)
 (43) 13.02.2025
 (62) 2024223994
 (72) WEEKS, John Maxwell; KELLEY, Scott; CHUANG, Frank F.; LIAO, Pei-Chun; TJA, Johnson; XIE, Hui; STOCK-BRIDGE, Kurt
 (74) Spruson & Ferguson

(71) Skechers U.S.A., Inc. II
 (11) AU-A-2025200511
 (21) 2025200511 (22) 24.01.2025
 (54) Footwear counter for easier entry and removal
 (51) Int. Cl.

A43B 23/17 (2006.01)
A43B 11/00 (2006.01)
A43B 11/02 (2006.01)
A43B 23/08 (2006.01)
 A43B 21/26 (2006.01)
 A43B 21/32 (2006.01)
 A43B 21/36 (2006.01)
 A43B 23/10 (2006.01)
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 (43) 13.02.2025
 (62) 2024223994
 (72) WEEKS, John Maxwell; KELLEY, Scott; CHUANG, Frank F.; LIAO, Pei-Chun; TJA, Johnson; XIE, Hui; STOCK-BRIDGE, Kurt
 (74) Spruson & Ferguson

(71) Skechers U.S.A., Inc. II
 (11) AU-A-2025200512
 (21) 2025200512 (22) 24.01.2025
 (54) Footwear counter for easier entry and removal
 (51) Int. Cl.
 A43B 23/17 (2006.01)
 A43B 11/00 (2006.01)
 A43B 11/02 (2006.01)
 A43B 23/08 (2006.01)
 A43B 21/26 (2006.01)
 A43B 21/32 (2006.01)
 A43B 21/36 (2006.01)
 A43B 23/10 (2006.01)
 A43B 23/26 (2006.01)
 (43) 13.02.2025
 (62) 2024223994
 (72) WEEKS, John Maxwell; KELLEY, Scott; CHUANG, Frank F.; LIAO, Pei-Chun; TJA, Johnson; XIE, Hui; STOCK-BRIDGE, Kurt
 (74) Spruson & Ferguson

(71) Skechers U.S.A., Inc. II
 (11) AU-A-2025200513
 (21) 2025200513 (22) 24.01.2025
 (54) Footwear counter for easier entry and removal
 (51) Int. Cl.
 A43B 23/17 (2006.01)
 A43B 11/00 (2006.01)
 A43B 11/02 (2006.01)
 A43B 23/08 (2006.01)
 A43B 21/26 (2006.01)
 A43B 21/32 (2006.01)
 A43B 21/36 (2006.01)
 A43B 23/10 (2006.01)
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 (43) 13.02.2025
 (62) 2024223994
 (72) WEEKS, John Maxwell; KELLEY, Scott; CHUANG, Frank F.; LIAO, Pei-Chun; TJA, Johnson; XIE, Hui; STOCK-BRIDGE, Kurt
 (74) Spruson & Ferguson

(71) Skechers U.S.A., Inc. II
 (11) AU-A-2025200514
 (21) 2025200514 (22) 24.01.2025
 (54) Footwear counter for easier entry and removal
 (51) Int. Cl.

A43B 23/17 (2006.01)
A43B 11/00 (2006.01)
A43B 11/02 (2006.01)
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 (43) 13.02.2025
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 (72) WEEKS, John Maxwell; KELLEY, Scott; CHUANG, Frank F.; LIAO, Pei-Chun; TJA, Johnson; XIE, Hui; STOCK-BRIDGE, Kurt
 (74) Spruson & Ferguson

(71) Skechers U.S.A., Inc. II
 (11) AU-A-2025200515
 (21) 2025200515 (22) 24.01.2025
 (54) Footwear counter for easier entry and removal
 (51) Int. Cl.
 A43B 23/17 (2006.01)
 A43B 11/00 (2006.01)
 A43B 11/02 (2006.01)
 A43B 23/08 (2006.01)
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 A43B 21/32 (2006.01)
 A43B 21/36 (2006.01)
 A43B 23/10 (2006.01)
 A43B 23/26 (2006.01)
 (43) 13.02.2025
 (62) 2024223994
 (72) WEEKS, John Maxwell; KELLEY, Scott; CHUANG, Frank F.; LIAO, Pei-Chun; TJA, Johnson; XIE, Hui; STOCK-BRIDGE, Kurt
 (74) Spruson & Ferguson

(71) Skechers U.S.A., Inc. II
 (11) AU-A-2025200516
 (21) 2025200516 (22) 24.01.2025
 (54) Footwear counter for easier entry and removal
 (51) Int. Cl.
 A43B 23/17 (2006.01)
 A43B 11/00 (2006.01)
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 A43B 23/08 (2006.01)
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 A43B 21/32 (2006.01)
 A43B 21/36 (2006.01)
 A43B 23/10 (2006.01)
 A43B 23/26 (2006.01)
 (43) 13.02.2025
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 (72) WEEKS, John Maxwell; KELLEY, Scott; CHUANG, Frank F.; LIAO, Pei-Chun; TJA, Johnson; XIE, Hui; STOCK-BRIDGE, Kurt
 (74) Spruson & Ferguson

(71) Skechers U.S.A., Inc. II
 (11) AU-A-2025200517
 (21) 2025200517 (22) 24.01.2025
 (54) Footwear counter for easier entry and removal
 (51) Int. Cl.

Applications Open to Public Inspection - Name Index cont'd

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A43B 23/10 (2006.01)
A43B 23/26 (2006.01)
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(72) WEEKS, John Maxwell; KELLEY, Scott; CHUANG, Frank F.; LIAO, Pei-Chun; TJA, Johnson; XIE, Hui; STOCK-BRIDGE, Kurt
(74) Spruson & Ferguson

(71) Skechers U.S.A., Inc. II
(11) AU-A-2025200518
(21) 2025200518 **(22)** 24.01.2025
(54) Footwear counter for easier entry and removal
(51) Int. Cl.
A43B 23/17 (2006.01)
A43B 11/00 (2006.01)
A43B 11/02 (2006.01)
A43B 23/08 (2006.01)
A43B 21/26 (2006.01)
A43B 21/32 (2006.01)
A43B 21/36 (2006.01)
A43B 23/10 (2006.01)
A43B 23/26 (2006.01)
(43) 13.02.2025
(62) 2024223994
(72) WEEKS, John Maxwell; KELLEY, Scott; CHUANG, Frank F.; LIAO, Pei-Chun; TJA, Johnson; XIE, Hui; STOCK-BRIDGE, Kurt
(74) Spruson & Ferguson

(71) SK Innovation Co., Ltd.
(11) AU-A-2024204976
(21) 2024204976 **(22)** 19.07.2024
(54) SYSTEM FOR CONTROLLING AMMONIA REACTOR AND METHOD OF GENERATING HYDROGEN
(51) Int. Cl.
B01J 19/00 (2006.01)
B01J 19/24 (2006.01)
C01B 3/04 (2006.01)
G05D 23/12 (2006.01)
G05D 23/19 (2006.01)
H01M 8/22 (2006.01)
(31) 10-2023-0095551 **(32)** 21.07.23 **(33)** KR
(43) 13.02.2025
(72) Park, Chan Saem; Kim, Jae Jeong; Bae, Sun Hyuk
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Slidewaze Pty Ltd
(11) AU-A-2023208085
(21) 2023208085 **(22)** 24.07.2023
(54) Slidewaze, the easy patient mover
(51) Int. Cl.
A61G 7/10 (2006.01)
(43) 13.02.2025
(72) Witherford, Miles
(74) Slidewaze Pty Ltd

(71) Smilestraw Pty Ltd
(11) AU-A-2025200469
(21) 2025200469 **(22)** 23.01.2025
(54) Pacifier
(51) Int. Cl.
A61J 17/00 (2006.01)
A61J 11/00 (2006.01)
(43) 13.02.2025
(62) 2019208455
(72) WILSON, Julia
(74) Davies Collison Cave Pty Ltd

(71) Societe des Produits Nestle S.A.
(11) AU-A-2025200331
(21) 2025200331 **(22)** 16.01.2025
(54) Compositions and methods using a nicotinamide adenine dinucleotide (NAD+) precursor and at least one ketone or ketone precursor
(51) Int. Cl.
A61K 31/19 (2006.01)
A61K 31/405 (2006.01)
A61K 31/4425 (2006.01)
A61K 31/455 (2006.01)
A61K 31/706 (2006.01)
A61P 25/28 (2006.01)
(43) 13.02.2025
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(72) CUENOUD, Bernard; SEVERIN, India C.; STEINER, Pascal
(74) Spruson & Ferguson

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(11) AU-A-2025200329
(21) 2025200329 **(22)** 16.01.2025
(54) Compositions and methods using a nicotinamide adenine dinucleotide (NAD+) precursor and at least one ketone or ketone precursor
(51) Int. Cl.
A61K 31/19 (2006.01)
A61K 31/405 (2006.01)
A61K 31/4425 (2006.01)
A61K 31/455 (2006.01)
A61K 31/706 (2006.01)
A61P 25/28 (2006.01)
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(72) CUENOUD, Bernard; SEVERIN, India C
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Stichting Katholieke Universiteit see Icahn School of Medicine at Mount Sinai
(21) 2025200346

(71) Sungrow Power Supply Co., Ltd.
(11) AU-A-2024204246
(21) 2024204246 **(22)** 21.06.2024
(54) Operation control method and device for battery cluster, and related apparatus
(51) Int. Cl.
G01R 31/36 (2020.01)
G01R 29/24 (2006.01)

H01M 10/48 (2006.01)
H02J 7/00 (2006.01)
H02J 7/34 (2006.01)
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(72) WANG, Caoyang; LI, Qing; ZHAO, Yun-fei
(74) Davies Collison Cave Pty Ltd

(71) Sun Pharmaceutical Industries, Inc.
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(21) 2025200345 **(22)** 17.01.2025
(54) DEUTERATED ANALOGS OF D-SERINE AND USES THEREOF
(51) Int. Cl.
A61K 31/198 (2006.01)
A61K 38/00 (2006.01)
C07B 59/00 (2006.01)
C12P 13/06 (2006.01)
(43) 13.02.2025
(62) 2018371784
(72) DOLLER, Dario; BRUMMEL, Christopher L.; LIU, Julie F.; TUNG, Roger D.
(74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

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(71) Swan Hill Engineering Pty Ltd
(11) AU-A-2025200371
(21) 2025200371 **(22)** 17.01.2025
(54) Run-Off Water Removal System
(51) Int. Cl.
E04D 13/064 (2006.01)
E04D 13/072 (2006.01)
E04H 5/08 (2006.01)
(43) 13.02.2025
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(72) McCalman, Laurie; Kirk, Aston
(74) Sandercock & Cowie

(71) Syqe Medical Ltd.
(11) AU-A-2025200462
(21) 2025200462 **(22)** 23.01.2025
(54) Methods, Devices And Systems For Pulmonary Delivery Of Active Agents
(51) Int. Cl.
A61M 15/00 (2006.01)
A61M 11/04 (2006.01)
A61M 16/20 (2006.01)
(43) 13.02.2025
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(72) DAVIDSON, Perry; ALMOG, Shlomo; KINDLER, Seth
(74) Golja Haines & Friend

(71) Taizhou Tool-Bar Machinery Co., Ltd.
(11) AU-A-2024278498
(21) 2024278498 **(22)** 16.07.2024
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(51) Int. Cl.

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(72) ZHANG, Wenwei; ZHENG, Rifu
(74) Kings Patent & Trade Marks Attorneys Pty Ltd
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- (71)** Takeda Pharmaceutical Company Limited
(11) AU-A-2025200412
(21) 2025200412 **(22)** 22.01.2025
(54) Peptide quantitation assay for differentiating full-length high molecular weight kininogen (HMWK) and cleaved HMWK
(51) Int. Cl.
G01N 33/68 (2006.01)
C07K 14/81 (2006.01)
(43) 13.02.2025
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(72) Wu, Jiang; Zhang, Guodong; Sexton, Daniel J.; Faucette, Ryan; Mustafa, Gul M.; Szwec, Mark
(74) Spruson & Ferguson
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- (71)** Techtronic Cordless GP
(11) AU-A-2024204328
(21) 2024204328 **(22)** 25.06.2024
(54) Battery electrode sheet, cylindrical battery and method for manufacturing same
(51) Int. Cl.
H01M 4/70 (2006.01)
H01M 4/04 (2006.01)
(31) 202310917267.6 **(32)** 24.07.23 **(33)** CN
(43) 13.02.2025
(72) GENG, Dan; WU, Kun; LI, Jin Wei
(74) Spruson & Ferguson
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(11) AU-A-2024204887
(21) 2024204887 **(22)** 16.07.2024
(54) Floor cleaner and a steam cleaning apparatus for a floor cleaner
(51) Int. Cl.
A46B 17/06 (2006.01)
A46B 13/02 (2006.01)
A47L 5/30 (2006.01)
A47L 9/04 (2006.01)
A47L 11/22 (2006.01)
(31) 63/515,887 **(32)** 27.07.23 **(33)** US
(43) 13.02.2025
(72) FERRIGNO, Anthony; BODE, Donovan
(74) James & Wells Intellectual Property
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(21) 2025200445 **(22)** 23.01.2025
(54) METHOD FOR REFERENCE PICTURE RESAMPLING WITH OFFSET IN VIDEO BITSTREAM
(51) Int. Cl.
H04N 19/00 (2014.01)
H04N 19/167 (2014.01)
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- (43)** 13.02.2025
(62) 2023203696
(72) Choi, Byeongdoo; Wenger, Stephan; Liu, Shan
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71)** Tencent America LLC
(11) AU-A-2025200460
(21) 2025200460 **(22)** 23.01.2025
(54) Method and apparatus of encoding and decoding video data, method for storing bitstream, and storage medium
(51) Int. Cl.
H04N 13/00 (2018.01)
(43) 13.02.2025
(62) 2023208177
(72) LI, Ling; XU, Xiaozhong; CHOI, Byeongdoo; LI, Xiang; WENGER, Stephan; LIU, Shan
(74) Davies Collison Cave Pty Ltd
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- (71)** Tencent America LLC
(11) AU-A-2025200475
(21) 2025200475 **(22)** 24.01.2025
(54) CODING TREE UNIT SIZE SIGNALING
(51) Int. Cl.
H04N 19/61 (2014.01)
(43) 13.02.2025
(62) 2023202525
(72) Du, Yixin; Choi, Byeongdoo; Li, Xiang; Zhao, Xin; Wenger, Stephan; Liu, Shan
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- (71)** Tencent America LLC
(11) AU-A-2025200476
(21) 2025200476 **(22)** 24.01.2025
(54) CHROMA FROM LUMA PREDICTION USING NEIGHBOR LUMA SAMPLES
(51) Int. Cl.
H04N 19/00 (2014.01)
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(62) 2022442102
(72) Ye, Jing; Zhao, Xin; Zhao, Liang; Liu, Shan
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71)** Tencent America LLC
(11) AU-A-2025200508
(21) 2025200508 **(22)** 24.01.2025
(54) GEOMETRIC PARTITIONING MODE IN VIDEO CODING
(51) Int. Cl.
H04N 11/02 (2006.01)
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(62) 2023201880
(72) Chen, Lien-Fei; Li, Xiang; Li, Guichun; Liu, Shan
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71)** Tensar International Corporation
(11) AU-A-2025200490
(21) 2025200490 **(22)** 24.01.2025
(54) Sensor-enabled system and method for monitoring the health, condition, and/or status of infrastructure
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- (51)** Int. Cl.
G01L 5/102 (2020.01)
G01L 5/101 (2020.01)
G01M 5/00 (2006.01)
(43) 13.02.2025
(62) 2021214243
(72) CAVANAUGH, Joseph; HAMMOND, Matthew; WALLACE, John
(74) GLMR
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- (71)** The Boeing Company
(11) AU-A-2024205124
(21) 2024205124 **(22)** 26.07.2024
(54) Nanomagnet for spin-based quantum-dot qubit
(51) Int. Cl.
G06N 10/40 (2022.01)
G11C 11/16 (2006.01)
(31) 18/359,327 **(32)** 26.07.23 **(33)** US
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(74) FB Rice Pty Ltd
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- (71)** The Chamberlain Group LLC
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(54) MOVABLE BARRIER OPERATOR WITH INTEGRATED CAMERA MODULE
(51) Int. Cl.
G03B 17/56 (2021.01)
(43) 13.02.2025
(62) 2020235615
(72) Baer, Matthew James; Bedolla, Jimmy; Crane, Matthew Peter; Herrboldt, Corey Lyn; Pudipeddi, Sapta Gireesh
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- (71)** The Johns Hopkins University
(11) AU-A-2025200315
(21) 2025200315 **(22)** 16.01.2025
(54) Compositions and methods for treating vascular Ehlers Danlos Syndrome and associated disorders
(51) Int. Cl.
A61K 31/445 (2006.01)
A61P 9/14 (2006.01)
C12N 9/12 (2006.01)
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(72) DIETZ, Harry C.; BOWEN, Caitlin J.; CALDERON GIADROSIC, Juan Francisco
(74) FB Rice Pty Ltd
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- (71)** The Regents of the University of California
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(21) 2025200282 **(22)** 15.01.2025
(54) Immunomodulatory oligosaccharides
(51) Int. Cl.
A61K 31/715 (2006.01)

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(72) BODE, Lars; GORDTS, Philip
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(51) Int. Cl.
C07K 16/24 (2006.01)
(43) 13.02.2025
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(72) Furrer, Esther Maria; Andersen, Jan Terje; Sandlie, Inger; Foss, Stian
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(21) 2024204874 (22) 16.07.2024
(54) DIN RAIL UNIT FOR MOUNTING ELECTRONIC DEVICES THEREON
(51) Int. Cl.
H05K 7/14 (2006.01)
H02B 1/052 (2006.01)
(31) 18/225,414 (32) 24.07.23 (33) US
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(74) Patent Attorney Services
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- (71) Transportation IP Holdings, LLC
(11) AU-A-2025200499
(21) 2025200499 (22) 24.01.2025
(54) SYSTEM AND METHOD INTEGRATING AN ENERGY MANAGEMENT SYSTEM AND YARD PLANNER SYSTEM
(51) Int. Cl.
G06Q 10/06 (2023.01)
B61L 27/00 (2022.01)
G06Q 50/30 (2012.01)
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(74) K&L Gates
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(54) Solar cell and preparation method thereof
(51) Int. Cl.
H01L 21/02 (2006.01)
H01L 21/283 (2006.01)
(31) 202410373895.7 (32) 29.03.24 (33) CN
(43) 13.02.2025
(72) CHEN, Daming; LIU, Wei; CHEN, Yifeng; LV, Dongyun
(74) FB Rice Pty Ltd
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- (71) Trudeau, L.
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(54) Portable foam brush
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- (51) Int. Cl.
A46B 11/00 (2006.01)
A46B 11/02 (2006.01)
A47L 11/40 (2006.01)
B08B 3/00 (2006.01)
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C12N 15/864 (2006.01)
C07K 14/755 (2006.01)
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(72) NIJMEIJER, Bart Antonius; FERREIRA, Valerie
(74) FPA Patent Attorneys Pty Ltd
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- (71) Universal Hydrogen Co.
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(21) 2025200485 (22) 24.01.2025
(54) SYSTEMS AND METHODS FOR STORING, TRANSPORTING, AND USING HYDROGEN
(51) Int. Cl.
B60L 53/80 (2019.01)
F17C 13/08 (2006.01)
H01M 8/04 (2016.01)
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(21) 2025200373 (22) 17.01.2025
(54) A monoclonal antibody targeting a unique sialoglycosylated cancer-associated epitope of CD43
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 35/17 (2015.01)
A61P 35/00 (2006.01)
C07K 16/30 (2006.01)
C07K 19/00 (2006.01)
G01N 33/53 (2006.01)
G01N 33/574 (2006.01)
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(74) FB Rice Pty Ltd
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- (71) University of Iowa Research Foundation
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(54) Compositions for chelating metals at low temperatures
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C07D 257/02 (2006.01)
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(51) Int. Cl.
B21D 5/16 (2006.01)
B21D 5/04 (2006.01)
B21D 37/14 (2006.01)
B21D 43/10 (2006.01)
(31) 23187293.8 (32) 24.07.23 (33) EP
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(21) 2025200232 (22) 13.01.2025
(54) GCN2 inhibitors and uses thereof
(51) Int. Cl.
C07D 487/04 (2006.01)
A61K 31/498 (2006.01)
A61K 31/4985 (2006.01)
A61K 31/506 (2006.01)
A61K 31/513 (2006.01)
A61K 31/519 (2006.01)
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A61K 31/55 (2006.01)
A61K 31/551 (2006.01)
A61K 31/553 (2006.01)
A61K 31/662 (2006.01)
A61P 35/00 (2006.01)
C07D 487/00 (2006.01)
C07D 487/02 (2006.01)
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(74) AJ PARK
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(21) 2025200324 (22) 16.01.2025

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(51) Int. Cl.
A61K 9/00 (2006.01)
A61K 35/39 (2015.01)
C12N 5/00 (2006.01)

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 (54) STACKABLE CONTAINERS WITH SUPPORT BAND
 (51) Int. Cl.
B65D 71/02 (2006.01)
B65D 21/02 (2006.01)
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 (72) VISH, Samantha
 (74) Patent Attorney Services

(71) Washington University
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 (54) Cells And Methods Of Uses And Making The Same
 (51) Int. Cl.
C12N 5/071 (2010.01)
A61K 39/395 (2006.01)
C12N 5/02 (2006.01)
C12N 5/0735 (2010.01)
C12N 5/0781 (2010.01)
C12N 5/0789 (2010.01)
 (43) 13.02.2025
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 (72) Bhattacharya, Deepta; Wang, Yinan; Callahan, Derrick; Pizzato, Hannah
 (74) WRAYS PTY LTD

(71) Whirlpool Corporation
 (11) AU-A-2024205060
 (21) 2024205060 (22) 24.07.2024
 (54) Cord Holder For A Kitchen Appliance
 (51) Int. Cl.
F16L 3/04 (2006.01)
F16L 3/08 (2006.01)
F16L 3/12 (2006.01)
 (31) 18/357,608 (32) 24.07.23 (33) US
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 (74) WRAYS PTY LTD

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 (21) 2025200369 (22) 17.01.2025
 (54) Fold-out propeller tip extensions
 (51) Int. Cl.
B64C 39/02 (2023.01)
B64C 11/28 (2006.01)
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 (72) PANTALONE, Giulia; PRAGER, Andre
 (74) Spruson & Ferguson

(71) WONDERLAND SWITZERLAND AG
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 (54) Child Safety Seat
 (51) Int. Cl.
B60N 2/28 (2006.01)
 (43) 13.02.2025
 (62) 2021313094
 (72) ZHAO, Guanghui
 (74) Allens Patent & Trade Mark Attorneys

(71) YETI Coolers, LLC
 (11) AU-A-2025200287
 (21) 2025200287 (22) 15.01.2025
 (54) Portable cooler with active temperature control
 (51) Int. Cl.
F25D 11/00 (2006.01)
F25B 21/02 (2006.01)
F25D 17/06 (2006.01)
F25D 31/00 (2006.01)
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 (74) GLMR

(71) YETI COOLERS, LLC
 (11) AU-A-2025200321
 (21) 2025200321 (22) 16.01.2025
 (54) Insulating container
 (51) Int. Cl.
A45C 5/14 (2006.01)
A45C 11/20 (2006.01)
A45C 13/26 (2006.01)
F25D 3/08 (2006.01)
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 (74) GLMR

(71) Zero Emission Industries, Inc.
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 (54) GASEOUS FUELING SYSTEM
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F17C 5/06 (2006.01)
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 (62) 2023202973
 (72) PRATT, Joseph; NARVAEZ, Adrian; TERLIP, Daniel
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) Zhejiang Yotrio Group Co., Ltd
 (11) AU-A-2024205180
 (21) 2024205180 (22) 29.07.2024
 (54) Multifunctional integrated table and chair for balcony
 (51) Int. Cl.
A47B 83/02 (2006.01)
A47C 1/00 (2006.01)
A47C 11/00 (2006.01)
 (31) 2023220060620 (32) 28.07.23 (33) CN
 (43) 13.02.2025
 (72) YANG, Fan; XIE, Jianqiang; ZHANG, Mingfan
 (74) FB Rice Pty Ltd

Numerical Index

2023208085	Slidewaze Pty Ltd	2024204874	TQ-SYSTEMS GMBH
2023208086	Ironskinn	2024204887	Techtronic Cordless GP
2023208092	SEASON AGRICULTURAL TECHNOLOGY CO., LTD.	2024204896	Deere & Company
2023208114	Mansley, M.R.	2024204926	Sany Renewable Energy Co., Ltd.
2023208117	Mansley, M.R.	2024204976	SK Innovation Co., Ltd.
2023208141	Alto Lock Pty Ltd	2024204980	CHO Pharma, Inc.
2023208195	McDonald, F.	2024205019	GIGA-BYTE TECHNOLOGY CO., LTD.
2023219898	Amolyt Pharma	2024205031	BruMate, Inc.
2023237189	Shanghai Lanhao Electric Co., Ltd	2024205033	Nearmap US, Inc.
2023248088	Shanghai Ocean University	2024205037	Multiturn Pty Ltd
2023255000	Longkou Yongan Vehicle Window Co., Ltd.	2024205053	Compagnie Engrenages et Reducteurs-Messian-Dur-and
2023270279	BEIJING EACON TECHNOLOGY CO., LTD.		May, S.
2023278111	Multisteps Pty Ltd	2024205056	Whirlpool Corporation
2023282177	Inner Mongolia Electric Power Research Institute Branch of Inner Mongolia Electric Power (Group) Co., Ltd.	2024205060	OilQuick Deutschland KG
		2024205065	Feeling Wood Ltd
2023282180	Inner Mongolia Electric Power Research Institute Branch of Inner Mongolia Electric Power (Group) Co., Ltd.	2024205068	Hopkins, C.
		2024205071	Nowakowski, K.
2023285769	Chongqing Changan Automobile Co., Ltd.	2024205100	Centre for Aromatic Plants (CAP)
2023446722	PT QMB NEW ENERGY MATERIALS; PT ESG NEW ENERGY MATERIAL; GEM CO., LTD.; PT GEM INDONESIA NEW ENERGY MATERIALS	2024205101	Flexopack S.A.
		2024205112	The Boeing Company
2023446725	PT QMB NEW ENERGY MATERIALS; PT ESG NEW ENERGY MATERIAL; GEM CO., LTD.; PT GEM INDONESIA NEW ENERGY MATERIALS	2024205124	POVIVA CORP.
		2024205127	Dahiya, V.; Singh, A.; Singh, A.
2023446727	PT ESG NEW ENERGY MATERIAL; PT QMB NEW ENERGY MATERIALS; GEM CO., LTD.; PT GEM INDONESIA NEW ENERGY MATERIALS	2024205154	Zhejiang Yotrio Group Co., Ltd
		2024205180	JIANGSU HENG TONG POWER CABLE CO., LTD
2023446728	PT ESG NEW ENERGY MATERIAL; PT QMB NEW ENERGY MATERIALS; GEM CO., LTD.; PT GEM INDONESIA NEW ENERGY MATERIALS	2024205209	ModernaTX, Inc.
		2024278117	Inscripta, Inc.
2023446734	PT ESG NEW ENERGY MATERIAL; PT QMB NEW ENERGY MATERIALS; GEM CO., LTD.; PT GEM INDONESIA NEW ENERGY MATERIALS	2024278142	Les Laboratoires Servier; Allogene Therapeutics, Inc.
		2024278176	Jazz Pharmaceuticals Ireland Ltd.
2023446739	PT QMB NEW ENERGY MATERIALS; PT ESG NEW ENERGY MATERIAL; GEM CO., LTD.; PT GEM INDONESIA NEW ENERGY MATERIALS	2024278286	Memorial Sloan Kettering Cancer Center
		2024278364	Taizhou Tool-Bar Machinery Co., Ltd.
2023446743	PT QMB NEW ENERGY MATERIALS; PT ESG NEW ENERGY MATERIAL; GEM CO., LTD.; PT GEM INDONESIA NEW ENERGY MATERIALS	2024278498	uniQure IP B.V.
		2024278563	Tillotts Pharma AG
2023446745	PT ESG NEW ENERGY MATERIAL; PT QMB NEW ENERGY MATERIALS; GEM CO., LTD.; PT GEM INDONESIA NEW ENERGY MATERIALS	2024287208	Cypher Medical, LLC
		2025200000	Samsung Bioepis Co., Ltd
2024200044	Chongqing Changan Automobile Co., Ltd	2025200013	24M Technologies, Inc.
2024200322	Linhai Taiji Crafts Co., Ltd.	2025200097	ABEC, INC.
2024200451	NINGBO XULI METAL PRODUCTS CO., LTD.	2025200102	Vertex Pharmaceuticals Incorporated; Merck Patent GmbH
2024201202	COALBED INNOVATIONS PTY LTD	2025200232	The Regents of the University of California
2024202218	ASSA ABLOY Australia Pty Limited	2025200282	Baxalta Incorporated; Baxalta GmbH
2024203374	Itron, Inc.	2025200285	Mayo Foundation for Medical Education and Research
2024203519	Schneider Electric USA, Inc.	2025200286	YETI Coolers, LLC
2024203619	Dart Industries Inc.	2025200287	Owens-Brockway Glass Container Inc.
2024203639	Novartis AG; Genentech, Inc.	2025200290	Rothamstred Research Ltd
2024203646	Variobend-ASCO GmbH	2025200293	Angel Group Co., Ltd.
2024203805	MADARIAGA ELGUETA, G.	2025200301	Alexion Pharmaceuticals, Inc.
2024203846	Intuit Inc.	2025200303	MacDon Industries Ltd.
2024203851	Intuit Inc.	2025200309	Alexion Pharmaceuticals, Inc.
2024204172	Itron, Inc.	2025200313	Huawei Technologies Co., Ltd.
2024204246	Sungrow Power Supply Co., Ltd.	2025200314	The Johns Hopkins University
2024204299	Aristocrat Technologies, Inc.	2025200315	Rapid Micro Biosystems, Inc.
2024204328	Techtronic Cordless GP	2025200319	Graco Minnesota Inc.
2024204364	Deere & Company	2025200320	YETI COOLERS, LLC
2024204475	Deere & Company	2025200321	Regeneron Pharmaceuticals, Inc.
2024204494	CATERPILLAR INC.	2025200322	VERTEX PHARMACEUTICALS INCORPORATED
2024204642	CATERPILLAR INC.	2025200323	Angel Group Co., Ltd.
2024204782	Deere & Company	2025200324	Expedia, Inc.
2024204786	Scanna MSC Limited	2025200325	Société des Produits Nestlé S.A.
2024204873	Deere & Company	2025200326	Angel Group Co., Ltd.
		2025200329	Societe des Produits Nestle S.A.
		2025200330	SHANGHAI ZELGEN PHARMA.TECH CO., LTD.; SU-ZHOU ZELGEN BIOPHARMACEUTICALS CO., LTD.
		2025200331	Karis Bio Inc.
		2025200332	ImmunityBio, Inc.
		2025200333	Nextracker LLC
		2025200336	Monsanto Technology LLC
		2025200338	Bruin Biometrics, LLC
		2025200341	
		2025200344	

Applications Open to Public Inspection - Numerical Index cont'd

2025200345	Sun Pharmaceutical Industries, Inc.	2025200506	GUANGDONG OPPO MOBILE TELECOMMUNICA-
2025200346	Icahn School of Medicine at Mount Sinai; Stichting Katholieke Universiteit		TIONS CORP., LTD.
2025200348	Apple Inc.	2025200507	GUANGDONG OPPO MOBILE TELECOMMUNICA-
2025200350	Zero Emission Industries, Inc.		TIONS CORP., LTD.
2025200351	Collidion, Inc.	2025200508	Tencent America LLC
2025200352	Pure Storage, Inc.	2025200510	Skechers U.S.A., Inc. II
2025200358	DX TECH PTY LTD	2025200511	Skechers U.S.A., Inc. II
2025200359	CATERPILLAR INC.	2025200512	Skechers U.S.A., Inc. II
2025200360	Huawei Technologies Co., Ltd.	2025200513	Skechers U.S.A., Inc. II
2025200362	Honeywell International Inc.	2025200514	Skechers U.S.A., Inc. II
2025200364	Berlin, M.S.	2025200515	Skechers U.S.A., Inc. II
2025200369	Wing Aviation LLC	2025200516	Skechers U.S.A., Inc. II
2025200371	Swan Hill Engineering Pty Ltd	2025200517	Skechers U.S.A., Inc. II
2025200373	Università Degli Studi Magna Graecia Catanzaro	2025200518	Skechers U.S.A., Inc. II
2025200382	Sciencons AS	2025200519	Kanade, U.
2025200385	MERCK PATENT GMBH	2025200521	Waddington North America, Inc.
2025200402	Ergon, Inc.	2025200524	Caddix, Inc.
2025200406	Eli Lilly and Company	2025200525	Caddix, Inc.
2025200410	crop.zone GmbH	2025200526	Caddix, Inc.
2025200412	Takeda Pharmaceutical Company Limited		
2025200413	MILLER TECHNOLOGY INCORPORATED		
2025200416	Huawei Technologies Co., Ltd.		
2025200417	University of Iowa Research Foundation		
2025200419	Trudeau, L.		
2025200421	Sight Sciences, Inc.		
2025200422	Sage Therapeutics, Inc.		
2025200424	LG ELECTRONICS INC.		
2025200428	Genentech, Inc.		
2025200432	CRI HF		
2025200436	Novomatic AG		
2025200437	Research Institute At Nationwide Children's Hospital		
2025200442	Davines S.p.A.		
2025200443	Blackhawk Network, Inc.		
2025200444	Elbaite Holdings Pty Limited		
2025200445	Tencent America LLC		
2025200446	Sheltered Wings, Inc. D/B/A Vortex Optics		
2025200448	Eaton Intelligent Power Limited		
2025200449	Dellas, J.		
2025200450	Washington University		
2025200457	Trina Solar Co., Ltd.		
2025200458	Commonwealth Scientific and Industrial Research Organisation		
2025200460	Tencent America LLC		
2025200462	Syqe Medical Ltd.		
2025200463	MAKO Surgical Corp.		
2025200465	Epineuron Technologies Inc.		
2025200466	WONDERLAND SWITZERLAND AG		
2025200469	Smilestraw Pty Ltd		
2025200473	MasterCard International Incorporated		
2025200474	Simpson Strong-Tie A/S		
2025200475	Tencent America LLC		
2025200476	Tencent America LLC		
2025200480	Primewan Limited		
2025200481	Abiomed, Inc.		
2025200485	Universal Hydrogen Co.		
2025200487	Ferring Microbiome Inc.		
2025200490	Tensor International Corporation		
2025200491	Abbott Diabetes Care Inc.		
2025200492	MasterCard International Incorporated		
2025200494	Form Energy, Inc.		
2025200495	LG Electronics Inc.		
2025200496	The Chamberlain Group LLC		
2025200498	Angel Group Co., Ltd.		
2025200499	Transportation IP Holdings, LLC		
2025200500	Aristocrat Technologies Australia Pty Limited		
2025200501	Aristocrat Technologies Australia Pty Limited		
2025200502	Goodrich, D.		
2025200504	GUANGDONG OPPO MOBILE TELECOMMUNICA-		
	TIONS CORP., LTD.		
2025200505	GUANGDONG OPPO MOBILE TELECOMMUNICA-		
	TIONS CORP., LTD.		

IPC Index

<u>A01D 41 /-</u> 2025200309	2025200524 2025200525 2025200526	<u>A47L 9 /-</u> 2024204887	<u>A61K 47 /-</u> 2024205127 2025200336	<u>A61P 35 /-</u> 2024278176 2025200232 2025200332 2025200373 2025200385	<u>B05B 15 /-</u> 2025200320
<u>A01D 45 /-</u> 2025200309	<u>A43B 23 /-</u> 2025200510 2025200511 2025200512 2025200513 2025200514 2025200515 2025200516 2025200517 2025200518	<u>A61B 17 /-</u> 2025200481	<u>A61K 48 /-</u> 2024278117	<u>A61P 37 /-</u> 2024203639 2025200346	<u>B05B 3 /-</u> 2025200320
<u>A01D 46 /-</u> 2024204475 2024204782 2024204873 2024204896	<u>A43B 5 /-</u> 2025200524 2025200525 2025200526	<u>A61B 3 /-</u> 2025200364	<u>A61K 49 /-</u> 2025200346 2025200417	<u>A61P 5 /-</u> 2023219898	<u>B05B 7 /-</u> 2025200320
<u>A01D 47 /-</u> 2025200309	<u>A43C 15 /-</u> 2025200524 2025200525 2025200526	<u>A61B 34 /-</u> 2025200463	<u>A61K 51 /-</u> 2025200382	<u>B08B 3 /-</u> 2025200419	<u>B21D 37 /-</u> 2024203646
<u>A01F 15 /-</u> 2024204364 2024204475	<u>A45C 11 /-</u> 2025200321	<u>A61B 5 /-</u> 2025200000 2025200344 2025200491	<u>A61K 8 /-</u> 2024205101 2025200286 2025200442	<u>B21D 43 /-</u> 2024203646	<u>B21D 5 /-</u> 2024203646
<u>A01G 18 /-</u> 2023208092	<u>A45C 13 /-</u> 2025200321	<u>A61F 11 /-</u> 2025200421	<u>A61K 9 /-</u> 2023219898 2024203639 2025200286 2025200324 2025200346	<u>B25C 1 /-</u> 2024278498	<u>B25C 9 /-</u> 2024278498
<u>A01G 9 /-</u> 2023208092	<u>A45C 5 /-</u> 2025200321	<u>A61G 7 /-</u> 2023208085 2023208117	<u>A61Q 5 /-</u> 2024205101 2025200442	<u>B25J 15 /-</u> 2024205065	<u>B32B 27 /-</u> 2024205112
<u>A01K 31 /-</u> 2023208092	<u>A46B 11 /-</u> 2025200419	<u>A61J 11 /-</u> 2025200469	<u>A61M 11 /-</u> 2025200462	<u>B32B 9 /-</u> 2023208086	<u>B60J 1 /-</u> 2023255000
<u>A01K 61 /-</u> 2023248088	<u>A46B 13 /-</u> 2024204887	<u>A61J 17 /-</u> 2025200469	<u>A61M 15 /-</u> 2025200462	<u>B60J 10 /-</u> 2023255000	<u>B60K 31 /-</u> 2025200413
<u>A01M 21 /-</u> 2025200410	<u>A46B 17 /-</u> 2024204887	<u>A61K 31 /-</u> 2024205101 2024205127 2024278117 2025200232 2025200282 2025200315 2025200329 2025200331 2025200332 2025200345 2025200346 2025200385 2025200422 2025200428	<u>A61M 16 /-</u> 2025200462	<u>B60L 53 /-</u> 2025200485	<u>B60L 58 /-</u> 2024204494
<u>A01N 25 /-</u> 2025200341	<u>A47B 83 /-</u> 2024205180	<u>A61M 25 /-</u> 2025200481	<u>A61M 29 /-</u> 2025200481	<u>B60N 2 /-</u> 2025200466	<u>B60P 3 /-</u> 2024205056
<u>A23L 5 /-</u> 2024203619	<u>A47C 1 /-</u> 2024205180	<u>A61M 29 /-</u> 2025200481	<u>A61M 39 /-</u> 2025200481	<u>B60P 7 /-</u> 2024200451	<u>B60R 9 /-</u> 2024205056
<u>A23L 7 /-</u> 2024203619	<u>A47C 11 /-</u> 2024205180	<u>A61M 35 /-</u> 2024278176 2025200286 2025200324 2025200333 2025200373 2025200487	<u>A61M 25 /-</u> 2025200481	<u>B60W 30 /-</u> 2023285769 2025200413	<u>B61L 27 /-</u> 2025200499
<u>A41D 13 /-</u> 2023208086	<u>A47C 17 /-</u> 2023208117	<u>A61K 36 /-</u> 2024205101	<u>A61M 29 /-</u> 2025200481	<u>B01D 19 /-</u> 2024201202	<u>B63C 11 /-</u> 2023208086
<u>A41D 7 /-</u> 2023208086	<u>A47C 19 /-</u> 2023208114	<u>A61K 38 /-</u> 2023219898 2024278286 2025200345 2025200346	<u>A61M 39 /-</u> 2025200481	<u>B01D 35 /-</u> 2025200359	<u>B63C 9 /-</u> 2023208086
<u>A43B 11 /-</u> 2025200510 2025200511 2025200512 2025200513 2025200514 2025200515 2025200516 2025200517 2025200518	<u>A47C 31 /-</u> 2023208117	<u>A61K 39 /-</u> 2024203639 2024278176 2024278364 2025200013 2025200303 2025200313 2025200450	<u>A61M 1 /-</u> 2025200465	<u>B01D 46 /-</u> 2025200359	
<u>A43B 21 /-</u> 2025200510 2025200511 2025200512 2025200513 2025200514 2025200515 2025200516 2025200517 2025200518	<u>A47J 43 /-</u> 2024205031	<u>A61P 1 /-</u> 2025200487	<u>A61P 11 /-</u> 2024203639	<u>B01J 19 /-</u> 2024204976	
	<u>A47L 11 /-</u> 2024204887 2025200419	<u>A61P 17 /-</u> 2024203639 2024205101	<u>A61P 19 /-</u> 2023219898	<u>B01J 8 /-</u> 2025200432	
	<u>A47L 5 /-</u> 2024204887	<u>A61P 25 /-</u> 2024205127 2025200329 2025200331 2025200422	<u>A61P 17 /-</u> 2024203639 2024205101	<u>B03B 4 /-</u> 2023446739	
		<u>A61P 31 /-</u> 2024205101	<u>B03C 1 /-</u> 2023446739	<u>B04C 11 /-</u> 2024201202	
			<u>B04C 3 /-</u> 2024201202	<u>B05B 1 /-</u> 2025200320	

Applications Open to Public Inspection - IPC Index cont'd

B64C 11 /- 2025200369	C07D 471 /- 2025200385	C12N 5 /- 2024278142 2024278176 2025200324 2025200333 2025200450	E01B 5 /- 2024204642	E21B 43 /- 2024201202	F25D 23 /- 2025200495
B64C 39 /- 2025200358 2025200369	C07D 487 /- 2025200232 2025200332		E02D 27 /- 2024205037	F03D 1 /- 2024204926	F25D 3 /- 2025200321
B65D 1 /- 2023278111	C07D 498 /- 2025200428	C12N 9 /- 2024204980 2024278142 2024278286 2025200293 2025200315 2025200323	E02D 5 /- 2024205037	F03D 17 /- 2023282177	F25D 31 /- 2025200287
B65D 21 /- 2023278111 2025200521	C07J 1 /- 2025200422		E02D 7 /- 2024205037	F03D 3 /- 2024204926	F41G 1 /- 2025200446
B65D 43 /- 2023278111 2024205031	C07J 13 /- 2025200422	C12P 13 /- 2025200345	E02F 3 /- 2024204642	F03D 7 /- 2023282177	G01L 5 /- 2025200490
B65D 71 /- 2025200521	C07J 21 /- 2025200422	C12Q 1 /- 2025200319	E02F 9 /- 2024204642	F03G 3 /- 2024205071	G01M 5 /- 2025200490
B65D 81 /- 2024203619	C07J 43 /- 2025200422	C22B 1 /- 2023446725 2023446727 2023446739	E04B 1 /- 2023208141 2024200322 2024205068	F03G 7 /- 2024205071	G01N 27 /- 2024204786 2025200491
B65D 85 /- 2023278111	C07K 14 /- 2024278176 2024278563 2025200285 2025200323 2025200412	C22B 23 /- 2023446722 2023446727 2023446728 2023446734 2023446739 2023446743 2023446745	E04B 5 /- 2024205068	F16B 2 /- 2025200474	G01N 33 /- 2024278364 2025200373 2025200412
B65G 23 /- 2024204299	C07K 16 /- 2024203639 2024278364 2024287208 2025200303 2025200313 2025200336 2025200373	C22B 26 /- 2023446734	E04C 5 /- 2023208141 2025200474	F16B 21 /- 2025200474	G01R 1 /- 2024204786
B65H 5 /- 2025200502	C07K 19 /- 2025200373	C22B 3 /- 2023446722 2023446725 2023446727 2023446728 2023446734 2023446743 2023446745	E04D 13 /- 2025200371	F16B 39 /- 2023208141	G01R 11 /- 2024204172
B67B 3 /- 2024205031	C08L 91 /- 2025200402	C22B 47 /- 2023446722 2023446734 2023446739 2023446743	E04F 10 /- 2024200322	F16B 5 /- 2023208141	G01R 19 /- 2024203519
C01B 11 /- 2025200351	C08L 95 /- 2025200402	C22B 7 /- 2023446725	E04H 15 /- 2024200322 2024205056	F16B 7 /- 2023208141 2024205068 2025200474	G01R 21 /- 2024204172
C01B 3 /- 2024204976	C10B 53 /- 2025200402	C22B 15 /- 2025200458	E04H 5 /- 2025200371	F16D 7 /- 2024205053	G01R 22 /- 2024204172
C03B 5 /- 2025200290	C10G 1 /- 2025200402	C25B 11 /- 2025200458	E05B 15 /- 2024202218	F16H 1 /- 2025200519	G01R 29 /- 2024204246
C03C 1 /- 2025200290	C12M 1 /- 2025200102 2025200319	C25C 1 /- 2023446734	E05B 47 /- 2024202218	F16H 48 /- 2025200519	G01R 31 /- 2024204246 2024204494 2025200358
C03C 3 /- 2025200290	C12M 3 /- 2025200319	D06F 37 /- 2025200424	E05B 57 /- 2024202218	F16K 3 /- 2024203805	G01S 1 /- 2025200358
C05F 3 /- 2023208092	C12N 15 /- 2024278142 2024278563 2025200293 2025200323 2025200437	D06F 39 /- 2025200424	E05B 63 /- 2024202218	F16L 3 /- 2024205060	G01S 13 /- 2023270279
C05F 9 /- 2023208092		D06F 58 /- 2025200424	E05B 9 /- 2024202218	F17C 13 /- 2025200485	G01S 17 /- 2024200044
C07B 59 /- 2025200345		E01B 19 /- 2024204642	E05C 3 /- 2024202218	F17C 5 /- 2025200350	G01S 5 /- 2025200358
C07D 239 /- 2025200332			E05C 7 /- 2024202218	F24S 23 /- 2025200519	G02B 23 /- 2025200446
C07D 257 /- 2025200417			E05C 9 /- 2024202218	F25B 21 /- 2025200287	G02B 27 /- 2025200446
C07D 401 /- 2025200332			E06B 3 /- 2023255000 2024205100	F25C 1 /- 2025200495	G03B 17 /- 2025200496
C07D 403 /- 2025200332			E06C 1 /- 2024205056	F25D 11 /- 2025200287	G05D 23 /- 2023248088 2024204976
C07D 405 /- 2025200332				F25D 17 /- 2025200287	

Applications Open to Public Inspection - IPC Index cont'd

<u>G05D 7 /-</u> 2023446728 2023446745	<u>G06T 15 /-</u> 2024200044	<u>H01B 11 /-</u> 2024205209	<u>H02M 7 /-</u> 2023282180
<u>G05F 1 /-</u> 2025200448	<u>G06T 17 /-</u> 2024200044	<u>H01B 13 /-</u> 2023237189 2025200458	<u>H02S 10 /-</u> 2023208092
<u>G06F 1 /-</u> 2024205019 2025200348	<u>G06T 7 /-</u> 2024200044 2024205033	<u>H01B 7 /-</u> 2023237189	<u>H02S 40 /-</u> 2025200338
<u>G06F 15 /-</u> 2025200473 2025200492	<u>G06V 10 /-</u> 2024205033 2025200326	<u>H01F 29 /-</u> 2025200448	<u>H04J 14 /-</u> 2025200480
<u>G06F 17 /-</u> 2023248088	<u>G07C 15 /-</u> 2025200501	<u>H01H 9 /-</u> 2025200448	<u>H04L 12 /-</u> 2025200480
<u>G06F 18 /-</u> 2025200326	<u>G07C 3 /-</u> 2024204494	<u>H01L 21 /-</u> 2025200457	<u>H04L 27 /-</u> 2025200314
<u>G06F 3 /-</u> 2025200348 2025200352	<u>G07C 5 /-</u> 2024204494	<u>H01L 31 /-</u> 2025200338	<u>H04L 43 /-</u> 2023270279
<u>G06F 40 /-</u> 2024203846 2024203851	<u>G07C 9 /-</u> 2024202218	<u>H01M 10 /-</u> 2024204246 2025200097	<u>H04L 5 /-</u> 2025200360
<u>G06N 10 /-</u> 2024205124	<u>G07D 11 /-</u> 2025200449 2025200498	<u>H01M 12 /-</u> 2025200494	<u>H04L 67 /-</u> 2023270279
<u>G06N 20 /-</u> 2024203846 2024203851 2024205033	<u>G07D 5 /-</u> 2025200449 2025200498	<u>H01M 4 /-</u> 2023446722 2024204328 2025200097 2025200458 2025200494	<u>H04L 9 /-</u> 2025200473 2025200480 2025200492
<u>G06N 3 /-</u> 2024203846 2024203851 2024205033 2025200326 2025200362	<u>G07D 7 /-</u> 2025200449	<u>H01M 8 /-</u> 2024204976 2025200458 2025200485	<u>H04N 11 /-</u> 2025200508
<u>G06N 5 /-</u> 2024203846 2024203851	<u>G07D 9 /-</u> 2025200449	<u>H02B 1 /-</u> 2024204874	<u>H04N 13 /-</u> 2025200460
<u>G06Q 10 /-</u> 2024203374 2024205154 2025200362 2025200499	<u>G07F 1 /-</u> 2025200498	<u>H02G 9 /-</u> 2023208195	<u>H04N 19 /-</u> 2025200416 2025200445 2025200475 2025200476 2025200504 2025200505 2025200506 2025200507
<u>G06Q 20 /-</u> 2025200444 2025200449 2025200473	<u>G07F 17 /-</u> 2024204299 2025200436 2025200501	<u>H02J 13 /-</u> 2024203519	<u>H04W 84 /-</u> 2025200360
<u>G06Q 30 /-</u> 2024203374 2025200362 2025200443	<u>G08G 1 /-</u> 2023270279 2023285769	<u>H02J 3 /-</u> 2023282180 2024203519 2024204172 2024205071 2025200448	<u>H05B 6 /-</u> 2024203619
<u>G06Q 40 /-</u> 2025200443 2025200444	<u>G09B 19 /-</u> 2025200341	<u>H02J 7 /-</u> 2024204246 2024204494	<u>H05K 7 /-</u> 2024204874
<u>G06Q 50 /-</u> 2024203374 2024205033 2025200499	<u>G11C 11 /-</u> 2024205124	<u>H02K 1 /-</u> 2025200424	No IPC Mark
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PCT applications which have entered the National Phase - Name Index cont'd

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A61K 47/18 (2017.01)
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G02B 6/43 (2006.01)
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H04L 41/082 (2022.01)
H04Q 11/00 (2006.01)

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(51) Int. Cl.
A61N 1/36 (2006.01)
A61B 5/02 (2006.01)
A61B 18/02 (2006.01)
A61B 18/14 (2006.01)
A61M 25/10 (2013.01)
A61N 1/05 (2006.01)
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A61P 37/06 (2006.01)
C07K 16/28 (2006.01)
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A61K 31/4709 (2006.01)
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A61K 31/501 (2006.01)
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C01B 32/198 (2017.01)
C08K 3/04 (2006.01)
H01M 14/00 (2006.01)
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A61P 35/00 (2006.01)
C07D 403/04 (2006.01)
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A61B 5/00 (2006.01)
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C21D 9/46 (2006.01)
C22C 38/06 (2006.01)
C22C 38/18 (2006.01)
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A61P 17/10 (2006.01)
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G08G 1/01 (2006.01)
G01S 13/86 (2006.01)
G08G 1/04 (2006.01)
H04L 43/0805 (2022.01)
H04L 67/12 (2022.01)
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A61K 31/437 (2006.01)
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A61P 35/00 (2006.01)
C07D 401/12 (2006.01)
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A47L 11/40 (2006.01)			C12Q 1/6806 (2018.01)		
A47L 11/30 (2006.01)			B01L 3/00 (2006.01)		
F16K 31/18 (2006.01)			C12N 15/10 (2006.01)		
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(51) Int. Cl.			(51) Int. Cl.		
A47L 11/40 (2006.01)			A61K 39/04 (2006.01)		
A47L 11/30 (2006.01)			A61K 47/00 (2006.01)		
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(54) BIODEGRADABLE IMPLANT			(54) DEVICE FOR ENHANCING REACTION POTENTIAL OF OXIDIZING AGENTS		
(51) Int. Cl.			(51) Int. Cl.		
A61F 2/28 (2006.01)			B01J 19/08 (2006.01)		
A61F 2/30 (2006.01)			B01J 19/12 (2006.01)		
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			(74) Michael Buck IP		
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			(54) APPARATUS AND METHOD FOR MEASURING PARTICLE SIZE AND RELATED PARAMETERS OF SOLID PARTICLES IN A TURBULENT MULTIPHASE FLOW		
			(51) Int. Cl.		
			G01F 1/84 (2006.01)		
			G01F 1/66 (2022.01)		
			G01N 29/036 (2006.01)		
			G01N 29/24 (2006.01)		
			G01N 29/34 (2006.01)		
			G01F 1/74 (2006.01)		
			G01H 3/04 (2006.01)		
			G01N 29/12 (2006.01)		
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			(74) James & Wells Intellectual Property		
			(71) BOEHRINGER INGELHEIM INTERNATIONAL GMBH; MEDIZINISCHE HOCHSCHULE HANNOVER		
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			(54) MYELOID-DERIVED GROWTH FACTOR FOR USE IN TREATING CARDIOGENIC SHOCK		
			(51) Int. Cl.		
			A61K 38/18 (2006.01)		
			A01K 67/027 (2024.01)		
			A61P 9/02 (2006.01)		
			A61P 9/04 (2006.01)		
			C12N 5/10 (2006.01)		
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			(74) Spruson & Ferguson		
			(71) BOOSTIMMUNE, INC.		
			(11) AU-A-2023304932		
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			(54) NOVEL TCTP-BINDING MOLECULE		
			(51) Int. Cl.		
			C07K 16/30 (2006.01)		
			A61K 39/00 (2006.01)		
			A61P 35/00 (2006.01)		
			G01N 33/574 (2006.01)		
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			(74) PHILLIPS ORMONDE FITZPATRICK		
			(71) BOSTON SCIENTIFIC NEUROMODULATION CORPORATION		
			(11) AU-A-2023306153		
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(51) Int. Cl.
A61N 1/36 (2006.01)
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A61N 1/36 (2006.01)
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F16K 5/06 (2006.01)
F16K 27/06 (2006.01)
F16K 47/04 (2006.01)
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H01M 10/625 (2014.01)
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A23L 33/135 (2016.01)
A61K 35/741 (2015.01)
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A61K 35/744 (2015.01)
A61P 1/00 (2006.01)
A61P 1/12 (2006.01)
C12Q 1/689 (2018.01)
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H02J 7/00 (2006.01)
B60L 58/10 (2019.01)
H01M 10/48 (2006.01)
H03F 3/45 (2006.01)
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E02F 9/20 (2006.01)
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G05D 1/00 (2024.01)
G06T 7/70 (2017.01)
G09G 5/377 (2006.01)
H04N 7/18 (2006.01)
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E02F 9/24 (2006.01)
B60R 11/04 (2006.01)
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G03B 17/56 (2021.01)
H04N 23/50 (2023.01)
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G06V 10/774 (2022.01)
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B60L 58/13 (2019.01)
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H02J 7/00 (2006.01)
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F16L 37/00 (2006.01)
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H02S 30/10 (2014.01)
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C07C 233/00 (2006.01)
C07C 233/01 (2006.01)
C07C 233/02 (2006.01)
C07C 271/08 (2006.01)
C07C 271/10 (2006.01)
C23F 11/14 (2006.01)
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G01V 1/00 (2024.01)
G01V 1/28 (2006.01)
G01V 99/00 (2024.01)
G06N 20/20 (2019.01)
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GEL CEMENT ADDITIVE
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C04B 24/02 (2006.01)
C04B 24/26 (2006.01)
C09K 8/487 (2006.01)
E21B 33/14 (2006.01)
E21B 47/005 (2012.01)
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CHINA MOBILE COMMUNICATIONS
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H04W 8/14 (2009.01)
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THEREOF
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A61N 1/36 (2006.01)
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C07D 413/14 (2006.01)
A61K 31/4439 (2006.01)
A61K 31/444 (2006.01)
A61K 31/4709 (2006.01)
A61K 31/496 (2006.01)
A61P 25/28 (2006.01)
A61P 29/00 (2006.01)
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C07D 417/14 (2006.01)
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A61K 39/395 (2006.01)
A61K 9/08 (2006.01)
A61K 39/00 (2006.01)
A61K 47/02 (2006.01)
A61K 47/18 (2017.01)
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C07K 16/24 (2006.01)
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A61N 7/00 (2006.01)
A61B 8/00 (2006.01)
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MICROBIAL FERMENTATION PRO-
CESS
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C12N 1/02 (2006.01)
B01D 21/01 (2006.01)
B01D 21/26 (2006.01)
C07H 1/08 (2006.01)
C12M 1/00 (2006.01)
C12P 19/00 (2006.01)
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A61K 36/185 (2006.01)
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A61K 36/535 (2006.01)
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A61K 36/71 (2006.01)
A61P 29/00 (2006.01)
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A47J 31/36 (2006.01)
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(51) Int. Cl.
F03B 13/20 (2006.01)
B63B 35/00 (2020.01)
E02B 9/06 (2006.01)
F03B 17/06 (2006.01)
F03D 9/25 (2016.01)
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G01V 1/28 (2006.01)
G01V 1/50 (2006.01)
E21B 47/00 (2012.01)
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G01N 24/08 (2006.01)
G01R 33/50 (2006.01)
G06N 20/00 (2019.01)
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C01D 15/08 (2006.01)
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A61K 45/06 (2006.01)
A61K 47/10 (2017.01)
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C12P 7/42 (2006.01)
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A23C 9/13 (2006.01)
A23C 9/152 (2006.01)
A23C 13/12 (2006.01)
A23C 21/00 (2006.01)
A23P 30/40 (2016.01)
A47J 31/44 (2006.01)
B01F 23/232 (2022.01)
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A61Q 19/02 (2006.01)
A61K 8/19 (2006.01)
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A61K 8/60 (2006.01)
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(54) COMPOUND BASED ON ISOINDOLINE-SUBSTITUTED GLUTARIMIDE BACKBONE AND USE THEREOF
(51) Int. Cl.
C07D 401/04 (2006.01)
A61K 31/454 (2006.01)
A61K 31/4545 (2006.01)
A61P 35/00 (2006.01)
C07D 401/14 (2006.01)
C07D 471/04 (2006.01)
C07D 487/04 (2006.01)
(87) WO2024/032689
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(74) Madderns Pty Ltd

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(54) A PACKAGING CONTAINER AND A METHOD OF PRODUCING SUCH A PACKAGING CONTAINER
(51) Int. Cl.
B31B 50/96 (2017.01)
B31B 50/04 (2017.01)
B31B 50/59 (2017.01)
B31B 50/64 (2017.01)
B65D 3/02 (2006.01)
B31B 105/00 (2017.01)
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(54) BISPECIFIC ANTI-C-KIT AND ANTICD203C ANTIGEN-BINDING MOLECULES AND USES THEREOF
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C07K 16/28 (2006.01)
A61P 35/02 (2006.01)
A61P 37/06 (2006.01)
C07K 16/00 (2006.01)
C07K 16/40 (2006.01)
(87) WO2024/023273
(31) 63/393,036 **(32)** 28.07.22 **(33)** US
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(72) FINLAY, William James Jonathan; CUNNINGHAM, Orla Margaret
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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(54) DIVIDER CONSTRUCT FOR TRAYS, RELATED SYSTEMS AND METHODS
(51) Int. Cl.
B65D 5/50 (2006.01)
B31B 50/26 (2017.01)
B65D 5/49 (2006.01)
B31B 110/35 (2017.01)
B31B 120/20 (2017.01)
B31B 120/30 (2017.01)
(87) WO2024/044303
(31) 63/400,901 **(32)** 25.08.22 **(33)** US
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(72) NOWAK, Lee
(74) PHILLIPS ORMONDE FITZPATRICK

(71) GRAPHITE ENERGY (ASSETS) PTY LIMITED
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(54) ENERGY STORAGE AND UTILISATION SYSTEM
(51) Int. Cl.
F22G 5/12 (2006.01)
F01K 1/02 (2006.01)
F01K 1/04 (2006.01)
F01K 1/10 (2006.01)
F01K 1/20 (2006.01)
F22B 35/12 (2006.01)
F22B 35/14 (2006.01)
F22D 1/00 (2006.01)
F22D 1/28 (2006.01)
F22D 3/06 (2006.01)
F22G 1/16 (2006.01)
F22G 5/20 (2006.01)
F28D 20/00 (2006.01)
F28D 20/02 (2006.01)
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(54) PREPARATION AND USE OF QUINAZOLINONE DERIVATIVE AS KINASE INHIBITOR
(51) Int. Cl.
C07D 471/04 (2006.01)
A61K 31/513 (2006.01)
A61K 31/517 (2006.01)
A61K 31/519 (2006.01)
A61P 35/00 (2006.01)
C07D 487/00 (2006.01)
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(21) 2023312662 (22) 18.07.2023
(54) EXATECAN DERIVATIVES AND USE THEREOF
(51) Int. Cl.
C07D 491/22 (2006.01)
A61K 31/4745 (2006.01)
A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
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(54) CAMPTOTHECIN DERIVATIVE, METHOD FOR PREPARING SAME, AND USE THEREOF
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C07D 491/22 (2006.01)
A61K 31/4745 (2006.01)
A61K 31/496 (2006.01)
A61K 31/5365 (2006.01)
A61K 31/5377 (2006.01)
A61K 47/68 (2017.01)
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C07D 498/22 (2006.01)
C07D 519/00 (2006.01)
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A61K 31/506 (2006.01)
A61P 35/00 (2006.01)
C07D 413/14 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd
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(54) FIVE-MEMBERED AND SIX-MEMBERED NITROGEN-CONTAINING COMPOUND, AND INTERMEDIATE, PREPARATION METHOD AND USE THEREOF
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A61K 31/437 (2006.01)
A61P 35/00 (2006.01)
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G06K 17/00 (2006.01)
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(54) COMPOSITION FOR LOWERING BLOOD LIPIDS AND CHOLESTEROL, PREPARATION METHOD THEREFOR, AND APPLICATION THEREOF
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A61K 31/575 (2006.01)
A23L 33/11 (2016.01)
A61K 31/01 (2006.01)
A61K 36/062 (2006.01)
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C12C 1/135 (2006.01)
A23L 7/20 (2016.01)
C12C 1/02 (2006.01)
C12C 1/047 (2006.01)
C12C 1/12 (2006.01)
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E06B 9/58 (2006.01)
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(54) NANOPROTEIN DEGRADATION TOOL, USE THEREOF AND PREPARATION METHOD THEREFOR, AND LIPID-BASED PROTEIN DEGRADATION TOOL, USE THEREOF AND PREPARATION METHOD THEREFOR
(51) Int. Cl.
C07K 16/00 (2006.01)
A61K 45/00 (2006.01)

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A61P 3/00 (2006.01)
A61P 7/00 (2006.01)
A61P 25/00 (2006.01)
A61P 29/00 (2006.01)
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A61P 37/02 (2006.01)
C07K 14/00 (2006.01)
C12N 15/115 (2010.01)
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(21) 2023312950 (22) 21.07.2023
(54) READY-TO-ADMINISTER PRODUCT COMPRISING A NOREPINEPHRINE FORMULATION
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A61K 9/00 (2006.01)
A61K 31/137 (2006.01)
A61K 47/02 (2006.01)
A61K 47/12 (2006.01)
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(54) ATO/ATP SYSTEM FOR RAIL VEHICLES
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B61L 15/00 (2006.01)
B61L 3/12 (2006.01)
B61L 3/22 (2006.01)
B61L 27/20 (2022.01)
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- (71) HITGEN INC.
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(54) SPIRO COMPOUND AND USE
(51) Int. Cl.
C07D 487/10 (2006.01)
A61K 31/4188 (2006.01)
A61P 35/00 (2006.01)
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A61F 5/44 (2006.01)
A61F 5/445 (2006.01)
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(54) SYSTEM AND METHOD FOR RESOLVING A SINK DATA AMALGAMATION DURING THE PROGRAMMING OF CONTROLLER DEVICES
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H04N 21/25 (2011.01)
G06F 3/01 (2006.01)
G06F 16/90 (2019.01)
H04N 21/41 (2011.01)
H04N 21/43 (2011.01)
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- (71) HOWE & HOWE INC.
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(54) ADJUSTABLE MODULAR SUPPORTING OF WHEELS OF TRACKED VEHICLE
(51) Int. Cl.
B62D 55/084 (2006.01)
B62D 55/13 (2006.01)
B62D 55/14 (2006.01)
B62D 55/15 (2006.01)
B62D 55/06 (2006.01)
B62D 55/08 (2006.01)
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B62D 55/104 (2006.01)
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H04L 9/40 (2022.01)
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(54) RESOURCE CONFIGURATION METHOD AND COMMUNICATION APPARATUS
(51) Int. Cl.
H04W 72/04 (2023.01)
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H04W 76/15 (2018.01)
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(54) DELAY CONTROL METHOD AND APPARATUS
(51) Int. Cl.
H04W 24/10 (2009.01)
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(54) COMMUNICATION METHOD AND COMMUNICATION APPARATUS BASED ON TRIGGERED TRANSMISSION OPPORTUNITY SHARING MECHANISM
(51) Int. Cl.

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- (71)** HUECK FOLIEN GESELLSCHAFT M.B.H.
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(54) SECURITY ELEMENT
(51) Int. Cl.
B42D 25/324 (2014.01)
B42D 25/328 (2014.01)
B42D 25/373 (2014.01)
B42D 25/425 (2014.01)
B42D 25/45 (2014.01)
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(31) 22185201.5 **(32)** 15.07.22 **(33)** EP
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(74) FB Rice Pty Ltd
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- (71)** HUMANIMAGE LLC
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(54) ANTHROPOMORPHIC CAMERA FOR STANDARDIZED IMAGING AND CREATION OF ACCURATE THREE-DIMENSIONAL BODY SURFACE AVATARS
(51) Int. Cl.
A61B 5/00 (2006.01)
H04N 23/698 (2023.01)
H04N 23/90 (2023.01)
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(31) 63/358,095 **(32)** 01.07.22 **(33)** US
(43) 04.01.2024
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- (71)** HYANNIS PORT RESEARCH, INC.
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G06F 9/48 (2006.01)
G06F 9/54 (2006.01)
G06F 11/00 (2006.01)
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(31) 16/988,249 **(32)** 07.08.20 **(33)** US
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(72) AMICANGIOLI, Anthony D.; BAST, Allen; ROSEN, B. Joshua; JUHASZ, Christophe
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71)** IMMVIRA BIOPHARMACEUTICALS CO., LIMITED
(11) AU-A-2023319760
(21) 2023319760 **(22)** 04.08.2023
(54) REPLICATION INCOMPETENT HERPES SIMPLEX VIRUS TYPE 1 VIRAL VACCINE
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A61K 39/245 (2006.01)
C12N 7/00 (2006.01)
(87) WO2024/027810
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(11) AU-A-2023320077
(21) 2023320077 **(22)** 04.08.2023
(54) TREATMENT OF URTICARIA USING JAK INHIBITORS
(51) Int. Cl.
A61K 31/4155 (2006.01)
A61K 31/4365 (2006.01)
A61K 31/4985 (2006.01)
A61P 17/00 (2006.01)
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(74) Houlihan Intellectual Property Pty Ltd
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(11) AU-A-202333885
(21) 202333885 **(22)** 23.08.2023
(54) ENUMERATING MICROORGANISMS USING GELABLE, COLD WATER-SOLUBLE MEDIA
(51) Int. Cl.
C12Q 1/04 (2006.01)
C08B 37/00 (2006.01)
C12N 1/00 (2006.01)
C12N 1/02 (2006.01)
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(21) 2023323390 **(22)** 09.08.2023
(54) HUMAN CONE PHOTORECEPTOR OPTOGENETIC CONSTRUCTS
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A61K 48/00 (2006.01)
C12N 15/86 (2006.01)
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(21) 2023323327 **(22)** 09.08.2023
(54) PROMOTERS FOR SPECIFIC EXPRESSION OF GENES IN CONE PHOTORECEPTORS
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C12N 15/86 (2006.01)
(87) WO2024/033834
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(54) USE OF APELIN FOR THE TREATMENT OF LYMPHEDEMA
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A61K 38/17 (2006.01)
A61P 7/10 (2006.01)
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C07K 16/18 (2006.01)
A61K 38/00 (2006.01)
A61K 38/37 (2006.01)
A61K 39/395 (2006.01)
A61P 1/00 (2006.01)
A61P 7/04 (2006.01)
C07K 14/195 (2006.01)
C07K 14/435 (2006.01)
C07K 14/44 (2006.01)
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A61M 5/142 (2006.01)
A61M 5/145 (2006.01)
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H04L 5/00 (2006.01)
H04W 56/00 (2009.01)
H04W 72/20 (2023.01)
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C12P 17/18 (2006.01)
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A01G 25/16 (2006.01)
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A61P 25/00 (2006.01)
A61P 27/02 (2006.01)
A61P 29/00 (2006.01)
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C07D 401/04 (2006.01)
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B60L 53/10 (2019.01)
B60L 53/16 (2019.01)
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B60L 53/54 (2019.01)
F17C 5/00 (2006.01)
B60L 50/60 (2019.01)
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G07C 9/28 (2020.01)
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C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
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A61K 47/02 (2006.01)
A61K 9/14 (2006.01)
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(54) NOVEL SALT OF IMIDAZO[1,2-A]PYRIDINE COMPOUND, CRYSTALLINE FORM THEREOF, AND PREPARATION METHOD
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C07D 471/04 (2006.01)
A61K 31/437 (2006.01)
A61P 1/00 (2006.01)
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C22B 1/16 (2006.01)
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(54) SINTERED ORE AND METHOD FOR PRODUCING SAME, AND SINTERED ORE FOR HYDROGEN REDUCTION AND METHOD FOR PRODUCING SAME
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C22B 1/16 (2006.01)
C21B 13/02 (2006.01)
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(54) IRON ORE PELLET PRODUCTION METHOD
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C22B 1/14 (2006.01)
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(54) REDUCED IRON PRODUCTION METHOD
(51) Int. Cl.
C21B 13/02 (2006.01)
C22B 1/16 (2006.01)
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C21B 11/10 (2006.01)
C21B 3/02 (2006.01)
C21B 13/12 (2006.01)
C21C 1/00 (2006.01)
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C22B 1/14 (2006.01)

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C07D 401/06 (2006.01)
A61K 31/454 (2006.01)
A61P 13/12 (2006.01)
A61P 37/00 (2006.01)
C07D 401/02 (2006.01)
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C12N 7/01 (2006.01)
A61K 35/766 (2015.01)
A61P 35/00 (2006.01)
C07K 7/04 (2006.01)
C07K 14/145 (2006.01)
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B60D 1/64 (2006.01)
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(54) USE OF PIPERAZINE COMPOUND IN COMBINATION WITH RADIOTHERAPY FOR TREATMENT OF TUMOR
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A61K 31/4985 (2006.01)
A61P 35/00 (2006.01)
C07D 471/04 (2006.01)
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C07D 513/22 (2006.01)
A61K 31/495 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C07D 401/14 (2006.01)
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F22B 1/00 (2006.01)
F22B 37/04 (2006.01)
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B01J 19/32 (2006.01)
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A61K 31/18 (2006.01)
A61K 47/50 (2017.01)
A61K 31/33 (2006.01)
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A61N 1/39 (2006.01)
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C22B 3/38 (2006.01)
C22B 3/42 (2006.01)
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AND METHOD FOR A FLOW CON-
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A61M 5/168 (2006.01)
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TAPY, Lara; DUNN, Andrew
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- (71) KRAFT FOODS SCHWEIZ HOLDING
GMBH
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(54) A METHOD AND APPARATUS FOR
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PLASTICISED SOLID FEED MATERI-
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A23P 30/20 (2016.01)
A23G 1/00 (2006.01)
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HOPPENBROUWERS, Marc; DE
SCHIPPER, Mathijs; RIJFERS, Andre
(74) Griffith Hack
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FLOWER PLANTS BY MICROSPORE
CULTURE
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A01H 4/00 (2006.01)
A01H 5/10 (2018.01)
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C07K 16/28 (2006.01)
A61K 39/00 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C07K 14/725 (2006.01)
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TRAN, Tri Minh; STEIMLE, Brittany;
SOTELO, Aldo
(74) Griffith Hack
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A01H 1/00 (2006.01)
A01H 5/10 (2018.01)
A01H 6/46 (2018.01)
C12N 9/02 (2006.01)
C12N 15/82 (2006.01)
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THROUDE, Mickaël; POUPARD, Bruno
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(54) SYSTEM FOR COMPRESSING,
STORING AND PROVIDING GAS AND
CORRESPONDING METHOD
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F17C 5/06 (2006.01)
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SCHWAB, Daniel
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(54) TREATING AUTOIMMUNE DIS-
EASES WITH INSULIN-LIKE GROWTH
FACTOR 1 RECEPTOR LIGAND CON-
JUGATED TO AN AGENT
(51) Int. Cl.
A61K 38/18 (2006.01)
A61P 37/00 (2006.01)
C07K 14/475 (2006.01)
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(54) METHODS FOR TREATING INFLAM-
MATORY CONDITIONS OF THE EYE
WITH AN IGF-1R LIGAND CONJUG-
ATED TO A DISEASE- MODIFYING
AGENT
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A61K 47/64 (2017.01)
C07K 14/435 (2006.01)
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(54) SYSTEM AND METHOD FOR PRODU-
CING A VIDEO STREAM
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H04N 7/15 (2006.01)
G06T 7/00 (2017.01)
G11B 27/031 (2006.01)
H04N 21/234 (2011.01)
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ders; ERLMAN, Lars; SÖRQVIST, Maxx
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- (71) LONGI SOLAR TECHNOLOGY (TA-
IZHOU) CO., LTD.
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(54) BACK-CONTACT CELL, PHOTO-
VOLTAIC CELL STRUCTURE, AND
PHOTOVOLTAIC ASSEMBLY
(51) Int. Cl.
H01L 23/00 (2006.01)
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(71) LOTTE CO., LTD. (11) AU-A-2023333824 (21) 2023333824 (22) 19.06.2023 (54) CHOCOLATE DOUGH, CHOCOLATE, AND CHOCOLATE CONFECTIONERY (51) Int. Cl. A23G 1/32 (2006.01) A23G 1/36 (2006.01) A23G 1/46 (2006.01) (87) WO2024/048013 (31) 2022-139385 (32) 01.09.22 (33) JP (43) 07.03.2024 (72) MURAMATSU, Miki; SAMESHIMA, Kazuki; KORENAGA, Haruna; KATO, Masaki (74) Griffith Hack	(71) LUYE INNOMIND PHARMA SHIJIAZHANG CO., LTD. (11) AU-A-2023319750 (21) 2023319750 (22) 03.08.2023 (54) 5-HT2A RECEPTOR INVERSE AGONIST, AND PREPARATION METHOD THEREFOR AND USE THEREOF (51) Int. Cl. C07D 401/12 (2006.01) A61K 31/4535 (2006.01) A61K 31/454 (2006.01) A61K 31/4545 (2006.01) A61P 25/06 (2006.01) A61P 25/18 (2006.01) A61P 25/22 (2006.01) A61P 25/24 (2006.01) A61P 25/28 (2006.01) C07D 211/58 (2006.01) C07D 211/76 (2006.01) C07D 405/12 (2006.01) C07D 413/12 (2006.01) C07D 471/04 (2006.01) (87) WO2024/027800 (31) 202210925481.1 (32) 03.08.22 (33) CN 202211218066.9 01.10.22 CN 202211289428.3 20.10.22 CN 202211724352.2 30.12.22 CN 202310646192.2 02.06.23 CN (43) 08.02.2024 (72) TIAN, Jingwei; YE, Liang; MA, Mingxu; WANG, Wenyang; DU, Guangying; ZHANG, Jianzhao; DAI, Yusen; ZHANG, Rui (74) Davies Collison Cave Pty Ltd	(71) MARINE DOLPHIN ENTERPRISES, LLC (11) AU-A-2023316401 (21) 2023316401 (22) 25.07.2023 (54) REDUCING SYSTEM ENERGY REQUIREMENTS THROUGH FLUID MANIPULATION TO OVERCOME CAPILLARY FORCES OF GAS BUBBLE FORMATION ON REACTIVE SURFACES (51) Int. Cl. B01J 4/00 (2006.01) B01J 10/00 (2006.01) B01J 19/00 (2006.01) B01J 19/08 (2006.01) B01J 19/24 (2006.01) (87) WO2024/025885 (31) 63/392,059 (32) 25.07.22 (33) US 63/397,942 15.08.22 US (43) 01.02.2024 (72) SANTOS, Bruce; KENNEY, Michael; FAHRLÄNDER, Klaus (74) PIPERS
(71) LSI SOLUTIONS, INC. (11) AU-A-2023319966 (21) 2023319966 (22) 02.08.2023 (54) SUTURE SECURING ASSEMBLY (51) Int. Cl. A61B 17/04 (2006.01) (87) WO2024/030489 (31) 63/394,528 (32) 02.08.22 (33) US (43) 08.02.2024 (72) SAUER, Jude, S. (74) Halfords IP	(71) MACQUARIE UNIVERSITY (11) AU-A-2023319145 (21) 2023319145 (22) 07.08.2023 (54) INHIBITORS AND USES THEREFOR (51) Int. Cl. C07D 401/14 (2006.01) A61K 31/4545 (2006.01) A61K 31/517 (2006.01) A61P 31/14 (2006.01) C07D 409/14 (2006.01) C07D 471/04 (2006.01) (87) WO2024/026540 (31) 2022902202 (32) 05.08.22 (33) AU (43) 08.02.2024 (72) ITTNER, Lars Matthias; ARIAWAN, Daryl; TIETZ, Ole; VAN EERSEL, Janet (74) Davies Collison Cave Pty Ltd	(71) MASSACHUSETTS INSTITUTE OF TECHNOLOGY; FUJIFILM CORPORATION (11) AU-A-2023316579 (21) 2023316579 (22) 25.07.2023 (54) COMPOSITIONS AND METHODS FOR INHIBITING EXPRESSION OF THE SIGNAL REGULATORY PROTEIN ALPHA (SIRPα) GENE (51) Int. Cl. C12N 15/113 (2010.01) A61K 31/713 (2006.01) (87) WO2024/026308 (31) 63/369,926 (32) 29.07.22 (33) US (43) 01.02.2024 (72) TOYONAGA, Sho; RAIMONDO, Theresa Marie; SHI, Dennis, Zheng; ANDERSON, Daniel, Griffith (74) Griffith Hack
(71) LUNG BIOTECHNOLOGY PBC (11) AU-A-2023314273 (21) 2023314273 (22) 27.07.2023 (54) TRANSWELL FOR CELL CULTURE, METHOD OF MANUFACTURING WITH SYNTHETIC BIOINK AND IN VITRO TISSUE MODELS (51) Int. Cl. B33Y 80/00 (2015.01) C12M 1/12 (2006.01) C12M 1/26 (2006.01) (87) WO2024/025983 (31) 63/392,724 (32) 27.07.22 (33) US (43) 01.02.2024 (72) HERNANDEZ-GORDILLO, Victor; BELADIA, Anisha; SAMANIPOUR, Roya; ALSASA, Abdulrahman; RUSSO, Katherine; WANG, Ziwen; HURST, Gregory; NSIAH, Barbara; ALVAREZ, Luis (74) Griffith Hack	(71) MAGELLAN & BARENTS, S.L. (11) AU-A-2023309353 (21) 2023309353 (22) 24.07.2023 (54) DENSE FLUIDS FOR BALLASTS (51) Int. Cl. B63B 1/10 (2006.01) B63B 21/26 (2006.01) B63B 39/03 (2006.01) B63B 43/06 (2006.01) F03D 13/25 (2016.01)	(71) MAST GROUP LIMITED (11) AU-A-2023313079 (21) 2023313079 (22) 26.07.2023 (54) METHOD AND KIT FOR DETECTING SINGLE NUCLEOTIDE POLYMORPHISMS (SNP) BY LOOP-MEDIATED ISOTHERMAL AMPLIFICATION (LAMP) (51) Int. Cl. C12Q 1/6844 (2018.01) C12Q 1/6858 (2018.01) (87) WO2024/023510 (31) 2210921.9 (32) 26.07.22 (33) GB (43) 01.02.2024 (72) SUWARA, Monika; GILLIES, Elizabeth Ann (74) Allens Patent & Trade Mark Attorneys
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A61P 9/10 (2006.01)
A61K 8/14 (2006.01)
A61K 35/28 (2015.01)
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(72) BEHFAR, Atta
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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(54) AURISTATIN DERIVATIVES AND CONJUGATES THEREOF
(51) Int. Cl.
A61K 47/68 (2017.01)
A61K 47/65 (2017.01)
A61P 35/00 (2006.01)
C07K 7/02 (2006.01)
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(72) LI, Wei; CHEN, Bihua
(74) FPA Patent Attorneys Pty Ltd
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(51) Int. Cl.
A61K 9/20 (2006.01)
A61K 31/519 (2006.01)
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(11) AU-A-2023307126
(21) 2023307126 (22) 13.07.2023
(54) ANTIBODY-DRUG CONJUGATE, AND PREPARATION METHOD THEREFOR AND USE THEREOF
(51) Int. Cl.
A61K 47/68 (2017.01)
A61K 39/00 (2006.01)
A61P 35/00 (2006.01)
C07D 491/22 (2006.01)
C07K 16/28 (2006.01)
(87) WO2024/012523
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(54) MULTISPAN CINCHABLE LOOPS FOR KNOTLESS SPANNING OF TISSUE BETWEEN ANCHOR POINTS AND TOOLS FOR USING THE SAME
(51) Int. Cl.
A61B 17/04 (2006.01)
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(54) PIPERAZINE BRIDGE-SUBSTITUTED HETEROCYCLIC PYRIMIDINE COMPOUND
(51) Int. Cl.
C07D 519/00 (2006.01)
A61K 31/519 (2006.01)
A61P 35/00 (2006.01)
(87) WO2024/012456
(31) 202210822828.X (32) 12.07.22 (33) CN
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(74) Michael Buck IP
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- (71) MEGA PHARM LIMITED
(11) AU-A-2023305329
(21) 2023305329 (22) 14.07.2023
(54) PHARMACY-TRANSACTION APPARATUS AND RELATED METHODS
(51) Int. Cl.
A47F 10/00 (2006.01)
G16H 20/13 (2018.01)
(87) WO2024/011330
(31) 63/389,475 (32) 15.07.22 (33) US
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(51) Int. Cl.
A61K 31/506 (2006.01)
A61K 39/00 (2006.01)
A61P 11/06 (2006.01)
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(74) Griffith Hack
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(11) AU-A-2023316513
(21) 2023316513 (22) 20.07.2023
(54) METHODS OF IN-SOLUTION POSITIONAL CO-BARCODING FOR SEQUENCING LONG DNA MOLECULES
(51) Int. Cl.
C12N 15/10 (2006.01)
C12Q 1/68 (2018.01)
(87) WO2024/022207
(31) 63/369,346 (32) 25.07.22 (33) US
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(72) PETERS, Brock, A.; DRMANAC, Radoje, T.; ALEXEEV, Andrei
(74) Spruson & Ferguson
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(11) AU-A-2023401208
(21) 2023401208 (22) 06.06.2023
(54) METHOD FOR RELEASING CONTRACTED TISSUE
(51) Int. Cl.
A61H 7/00 (2006.01)
A61H 39/04 (2006.01)
(87) WO2024/118116
(31) 18/070,729 (32) 29.11.22 (33) US
(43) 06.06.2024
(72) MILLER, David S.
(74) RnB IP Pty Ltd
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- (71) MINCON INTERNATIONAL LIMITED
(11) AU-A-2023310928
(21) 2023310928 (22) 20.07.2023
(54) HYBRID HYDRAULIC DOWN-THE-HOLE HAMMER
(51) Int. Cl.
E21B 4/14 (2006.01)
(87) WO2024/018015
(31) S2022/0123 (32) 21.07.22 (33) IE
S2022/0177 04.11.22 IE
(43) 25.01.2024
(72) KESKINIVA, Markku
(74) WRAYS PTY LTD
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- (71) MITSUBISHI HEAVY INDUSTRIES, LTD.
(11) AU-A-2023324360
(21) 2023324360 (22) 13.07.2023

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(51) Int. Cl.
C25B 15/00 (2006.01)
C25B 1/04 (2021.01)
C25B 1/042 (2021.01)
C25B 9/00 (2021.01)
C25B 9/70 (2021.01)
(87) WO2024/034318
(31) 2022-126962 (32) 09.08.22 (33) JP
(43) 15.02.2024
(72) HARA, Keijo
(74) FB Rice Pty Ltd
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- (71) MITSUBISHI HEAVY INDUSTRIES, LTD.
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(21) 2023332069 (22) 22.02.2023
(54) GAS LEAKAGE MONITORING METHOD, GAS LEAKAGE MONITORING SYSTEM, AND GAS LEAKAGE MONITORING PROGRAM
(51) Int. Cl.
G01M 3/02 (2006.01)
(87) WO2024/047907
(31) 2022-138048 (32) 31.08.22 (33) JP
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(72) KAMIHARA, Nobuyuki; ARAKAWA, Yoshiaki; INUI, Masayuki; SHIBUYA, Hidekazu; KAWAZOE, Kohei; MORITAKE, Takayuki
(74) Davies Collison Cave Pty Ltd
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- (71) MITSUBISHI HEAVY INDUSTRIES, LTD.; INSTITUTE OF SCIENCE TOKYO
(11) AU-A-2023333980
(21) 2023333980 (22) 24.08.2023
(54) CARBON DIOXIDE ABSORPTION AND REDUCTION SOLUTION, CARBON DIOXIDE ABSORPTION AND REDUCTION DEVICE, AND CARBON DIOXIDE ABSORPTION AND REDUCTION METHOD
(51) Int. Cl.
C25B 1/23 (2021.01)
C01B 32/50 (2017.01)
C25B 3/07 (2021.01)
C25B 3/26 (2021.01)
C25B 9/00 (2021.01)
C25B 15/08 (2006.01)
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(43) 07.03.2024
(72) TSUJIUCHI, Tatsuya; TAJIMA, Hidehiko; NASU, Yusaku; ISHITANI, Osamu; MIYAJI, Masahiko
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B01J 23/80 (2006.01)
B01J 35/61 (2024.01)
B01J 37/03 (2006.01)
B01J 37/08 (2006.01)
B01J 37/18 (2006.01)
C01G 25/00 (2006.01)
C07B 61/00 (2006.01)
C07C 29/153 (2006.01)
C07C 31/04 (2006.01)
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D06N 3/14 (2006.01)
C09J 175/00 (2006.01)
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A61P 31/12 (2006.01)
A61P 31/14 (2006.01)
C07K 16/28 (2006.01)
C07K 16/00 (2006.01)
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C07K 16/36 (2006.01)
A61K 31/4745 (2006.01)
A61K 31/537 (2006.01)
A61K 38/07 (2006.01)
A61K 38/08 (2019.01)
A61K 47/68 (2017.01)
C07K 19/00 (2006.01)
G01N 33/574 (2006.01)
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C12N 5/0783 (2010.01)
A61K 35/12 (2015.01)
A61K 35/17 (2015.01)
A61K 39/00 (2006.01)
A61P 35/00 (2006.01)

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A61K 47/68 (2017.01)
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A61B 5/00 (2006.01)
A61B 5/389 (2021.01)
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A61P 25/16 (2006.01)
C07D 231/38 (2006.01)
C07D 487/06 (2006.01)
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C12C 3/08 (2006.01)
C12C 3/12 (2006.01)
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C08J 3/28 (2006.01)
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H01B 1/14 (2006.01)
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C07K 14/47 (2006.01)
A61K 48/00 (2006.01)
C12N 15/86 (2006.01)
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A61B 17/66 (2006.01)
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G02B 27/01 (2006.01)
G06F 3/01 (2006.01)
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C23C 2/06 (2006.01)
C22C 18/04 (2006.01)
C22C 38/00 (2006.01)
C22C 38/04 (2006.01)
C23C 2/26 (2006.01)
C23C 2/40 (2006.01)
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C23C 22/36 (2006.01)
B32B 15/01 (2006.01)
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C07B 35/04 (2006.01)
C07C 2/84 (2006.01)
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A61K 47/18 (2017.01)
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E04C 2/34 (2006.01)
E04B 1/62 (2006.01)
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E04C 2/54 (2006.01)
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A61P 35/00 (2006.01)
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B65F 3/04 (2006.01)
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G01R 23/02 (2006.01)
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A61P 17/00 (2006.01)
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A21D 8/04 (2006.01)
C12N 9/16 (2006.01)
C12N 9/34 (2006.01)
C12N 15/01 (2006.01)
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A21D 8/04 (2006.01)
A23L 33/20 (2016.01)
C12N 9/18 (2006.01)
C12N 9/20 (2006.01)
C12N 9/34 (2006.01)
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C12N 15/62 (2006.01)
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B01D 53/14 (2006.01)
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(74) Patent Attorney Services
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F02C 3/34 (2006.01)
F02C 7/08 (2006.01)
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F28D 7/00 (2006.01)
F22B 1/18 (2006.01)
F28D 21/00 (2006.01)
F28F 27/02 (2006.01)
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(54) METHOD TO VERIFY THE EFFECTIVENESS OF A STERILIZATION PROCESS BASED ON THE PRESENCE OF VOLATILE ORGANIC COMPOUNDS
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C12Q 1/22 (2006.01)
A61L 2/28 (2006.01)
C12M 1/34 (2006.01)
C12Q 1/02 (2006.01)
C12Q 1/04 (2006.01)
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A61L 2/28 (2006.01)
C12Q 1/22 (2006.01)
G01N 27/22 (2006.01)
G01N 33/497 (2006.01)
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(51) Int. Cl.
C12Q 1/04 (2006.01)
C12Q 1/22 (2006.01)
C12Q 1/26 (2006.01)
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(74) GLMR
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- (71) OPEX CORPORATION; STEVENS, A.
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(21) 2023353583 (22) 26.09.2023
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(51) Int. Cl.
B65G 1/06 (2006.01)
B65G 69/00 (2006.01)
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(54) SYSTEM, APPARATUS AND/OR PROCESS
(51) Int. Cl.
G01V 3/08 (2006.01)
E21B 47/00 (2012.01)
G01R 33/02 (2006.01)
G01R 33/12 (2006.01)
G01S 1/08 (2006.01)
G01S 1/70 (2006.01)
G01V 1/18 (2006.01)
G01V 3/10 (2006.01)
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(51) Int. Cl.
G09B 23/28 (2006.01)
G09B 23/30 (2006.01)
A61M 5/00 (2006.01)
G09B 9/00 (2006.01)
G09B 23/34 (2006.01)
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C12N 15/12 (2006.01)
A61K 38/17 (2006.01)
A61K 48/00 (2006.01)
A61P 13/12 (2006.01)
A61P 43/00 (2006.01)
C12N 15/63 (2006.01)
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A61K 9/50 (2006.01)
A61K 31/403 (2006.01)
A61P 25/00 (2006.01)
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(72) HASEGAWA, Masahiro
(74) Davies Collison Cave Pty Ltd

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A61K 9/16 (2006.01)
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(72) KOHEGYI, Eva; ROTHMAN, Brian
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A61G 5/10 (2006.01)
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(51) Int. Cl.
A01K 61/54 (2017.01)
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(54) CHARGE/DISCHARGE CONTROL DEVICE, DISCHARGE LOWER LIMIT VALUE SETTING DEVICE, CHARGE/DISCHARGE CONTROL METHOD, AND PROGRAM
(51) Int. Cl.
H02J 7/00 (2006.01)
B60L 3/00 (2019.01)
B60L 55/00 (2019.01)
H02J 3/00 (2006.01)
H02J 3/32 (2006.01)
H02J 3/38 (2006.01)
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E06B 9/266 (2006.01)
B26D 7/27 (2006.01)
E06B 9/36 (2006.01)
(87) WO2024/079764
(31) 102022000021000 (32) 12.10.22 (33) IT
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C21B 7/16 (2006.01)
F27B 1/16 (2006.01)
F27D 3/16 (2006.01)
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(74) Kings Patent & Trade Marks Attorneys Pty Ltd

(71) PENTAIR WATER POOL AND SPA, INC.
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(21) 2023308647 (22) 17.07.2023
(54) CHEMICAL MEASUREMENT SYSTEM AND METHOD
(51) Int. Cl.
E04H 4/12 (2006.01)
B01F 35/213 (2022.01)
B01F 35/221 (2022.01)

C02F 1/72 (2023.01)
C02F 1/76 (2023.01)
G01J 3/46 (2006.01)
G01N 21/01 (2006.01)
G01N 21/80 (2006.01)
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(74) GLMR

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(21) 2023315227 (22) 25.07.2023
(54) DOSING REGIMENS COMPRISING A KAT6 INHIBITOR FOR THE TREATMENT OF CANCER
(51) Int. Cl.
A61K 31/4155 (2006.01)
A61K 31/4196 (2006.01)
A61K 31/506 (2006.01)
A61K 31/519 (2006.01)
A61K 31/565 (2006.01)
A61P 35/00 (2006.01)
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(74) Allens Patent & Trade Mark Attorneys

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(54) NOVEL ACC INHIBITORS
(51) Int. Cl.
C07D 513/10 (2006.01)
A61K 31/438 (2006.01)
A61P 17/10 (2006.01)
A61P 29/00 (2006.01)
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(74) Spruson & Ferguson

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(54) ANTI-IL27R ANTIBODIES AND METHODS OF USE THEREOF
(51) Int. Cl.
C07K 16/28 (2006.01)
A61P 1/00 (2006.01)

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63/511,276 30.06.23 US
(43) 08.02.2024
(72) BLOOM, Laird; GAO, Yijie; MARZE,
Nicholas Andrew
(74) Allens Patent & Trade Mark Attorneys
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- (71)** PHATEC GMBH
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COMPOSITIONS COMPRISING BAC-
TERIOPHAGES
(51) Int. Cl.
A61L 26/00 (2006.01)
A01N 63/40 (2020.01)
A61K 35/76 (2015.01)
A61L 27/36 (2006.01)
A61L 27/52 (2006.01)
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(54) MOISTURE-ACTIVATED CHLORINE
DIOXIDE-RELEASING POWDER AND
METHOD OF MANUFACTURE
(51) Int. Cl.
A01N 59/00 (2006.01)
A01N 25/08 (2006.01)
A01N 25/10 (2006.01)
A01P 1/00 (2006.01)
(87) WO2024/030639
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COMPRISING A CANNABINOID AND
MEDICINAL USES THEREOF
(51) Int. Cl.
A61K 31/352 (2006.01)
A61K 9/00 (2006.01)
A61K 9/70 (2006.01)
A61K 31/05 (2006.01)
C07C 39/23 (2006.01)
C07D 311/80 (2006.01)
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TOTHECIN DERIVATIVES AND PROD-
RUGS THEREOF
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C07D 491/22 (2006.01)
A61K 31/4745 (2006.01)
A61K 47/65 (2017.01)
A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
G01N 33/574 (2006.01)
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Jin Kyo; SHIN, Seung Gun; KWEON,
Sohui; MATHI, Gangadhar Rao
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(11) AU-A-2023265289
(21) 2023265289 **(22)** 12.04.2023
(54) REUSABLE INSULATED ROOF SYS-
TEM AND METHOD
(51) Int. Cl.
E04D 3/35 (2006.01)
E04D 11/02 (2006.01)
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(43) 09.11.2023
(72) KUPPENS, Ellen; CLYNHENS, Marc;
VANHOVE, Frank; TERRY, Sylvian;
VAN CAIMERE, Sven
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(11) AU-A-2023319086
(21) 2023319086 **(22)** 26.07.2023
(54) PROTOPORPHYRIN OXIDASE
(PPO) RESISTANCE PLANT
(51) Int. Cl.
C12N 15/82 (2006.01)
A01H 1/00 (2006.01)
A01N 63/30 (2020.01)
A01N 63/34 (2020.01)
A01N 63/36 (2020.01)
A01N 63/38 (2020.01)
A01P 13/00 (2006.01)
C12N 9/02 (2006.01)
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63/423,001 06.11.22 US
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(72) SHALITIN, Dror; GRIMBERG, Noam;
BECHAR, Daniel; COHEN, Tal; KATZ,
Aviva; MANDELBAUM, Martin
(74) PIPERS
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(11) AU-A-2023296503
(21) 2023296503 **(22)** 27.06.2023
(54) SAPONARIOSIDE BIOSYNTHETIC
ENZYMES
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- (51)** Int. Cl.
C12N 9/00 (2006.01)
C12N 9/02 (2006.01)
C12N 9/04 (2006.01)
C12N 9/10 (2006.01)
C12N 9/24 (2006.01)
C12N 9/88 (2006.01)
C12N 9/90 (2006.01)
C12N 15/82 (2006.01)
C12P 5/00 (2006.01)
C12P 33/00 (2006.01)
(87) WO2024/003012
(31) 2209501.2 **(32)** 29.06.22 **(33)** GB
(43) 04.01.2024
(72) OSBOURN, Anne; JO, Seohyun
(74) FB Rice Pty Ltd
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- (71)** PRESIDENT AND FELLOWS OF HAR-
VARD COLLEGE
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(54) CORE-SHELL CAPSULES AND USES
THEREOF
(51) Int. Cl.
A61K 9/113 (2006.01)
A61K 47/34 (2017.01)
A61K 9/50 (2006.01)
A61K 47/06 (2006.01)
A61K 47/26 (2006.01)
A61K 47/32 (2006.01)
A61K 47/44 (2017.01)
(87) WO2024/030526
(31) 63/394,820 **(32)** 03.08.22 **(33)** US
(43) 08.02.2024
(72) KLEIN, Allon; MAZELIS, Ignas
(74) Spruson & Ferguson
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(11) AU-A-2023297461
(21) 2023297461 **(22)** 29.06.2023
(54) THERAPEUTIC TYROSINE KINASE
INHIBITORS FOR MULTIPLE SCLER-
OSIS AND MYASTHENIA GRAVIS
(51) Int. Cl.
A61K 31/4545 (2006.01)
A61P 21/00 (2006.01)
(87) WO2024/006406
(31) 63/357,465 **(32)** 30.06.22 **(33)** US
63/433,866 20.12.22 US
(43) 04.01.2024
(72) SYED, Sana
(74) Griffith Hack
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(11) AU-A-2022471922
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(54) WILDLIFE DETECTION, DETERRENT,
AND SELF-CLEANING SYSTEM AND
METHOD FOR ENVIRONMENTAL IN-
STRUMENTATION
(51) Int. Cl.
B08B 3/02 (2006.01)
B08B 3/14 (2006.01)
G01J 1/02 (2006.01)
(87) WO2024/020617
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(72) CLARKE, William; DEPOORTER
RUELLE, Victor; KNOX, Alistair
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(21) 2023315806 (22) 27.07.2023
(54) REFUELABLE BATTERY SYSTEMS, DEVICES, AND COMPONENTS
(51) Int. Cl.
H01M 12/08 (2006.01)
H01M 4/90 (2006.01)
H01M 10/0562 (2010.01)
H01M 10/44 (2006.01)
(87) WO2024/026040
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(72) CHIANG, Yet-Ming; WOODFORD, William Henry; RAMAN, Kailash
(74) PIPERS

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(11) AU-A-2023433254
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(54) ENTANGLEMENT GENERATORS WITH INCORPORATED MULTIPLEXING
(51) Int. Cl.
H04B 10/70 (2013.01)
G06N 10/00 (2022.01)
B82Y 20/00 (2011.01)
(87) WO2024/177648
(31) 63/391,980 (32) 25.07.22 (33) US
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(72) RUDOLPH, Terence
(74) Spruson & Ferguson

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(11) AU-A-2023446727
(21) 2023446727 (22) 28.07.2023
(54) TREATMENT METHOD FOR LATERITE NICKEL ORE BY CURING AND ROASTING-WATER LEACHING-ATMOSPHERIC PRESSURE ACID LEACHING
(51) Int. Cl.
C22B 23/00 (2006.01)
C22B 1/06 (2006.01)
C22B 3/04 (2006.01)
C22B 3/08 (2006.01)
(43) 13.02.2025
(72) BRODJONEGORO, Satryo Soemantri; XU, Kaihua; WANG, Yi; KRISTIYANTO, Evan Wahyu; BAKING, Aad Alief Rasyidi; AJI, Tegar Mukti; WANALDI, Rizky; HASIBUAN, Andi Syaputra
(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-2023446728
(21) 2023446728 (22) 27.07.2023

(54) NICKEL LATERITE ORE HIGH-PRESSURE LEACHING RESIDENCE TIME OPTIMIZATION SYSTEM
(51) Int. Cl.
C22B 3/06 (2006.01)
C22B 23/00 (2006.01)
G05D 7/00 (2006.01)
(43) 13.02.2025
(72) BRODJONEGORO, Satryo Soemantri; XU, Kaihua; WANG, Yaning; WANALDI, Rizky; AJI, Tegar Mukti; BAKING, Aad Alief Rasyidi; HASIBUAN, Andi Syaputra; RAHMADI, Piyan
(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-2023446734
(21) 2023446734 (22) 27.07.2023
(54) METHOD FOR EXTRACTING METALS FROM SAPROLITE LATERITIC NICKEL ORE
(51) Int. Cl.
C22B 3/04 (2006.01)
C22B 3/22 (2006.01)
C22B 3/44 (2006.01)
C22B 23/00 (2006.01)
C22B 26/22 (2006.01)
C22B 47/00 (2006.01)
C25C 1/08 (2006.01)
(43) 13.02.2025
(72) BRODJONEGORO, Satryo Soemantri; XU, Kaihua; WANALDI, Rizky; AJI, Tegar Mukti; HASIBUAN, Andi Syaputra; ARINDA, Shella; KRISTIYANTO, Evan Wahyu; WANG, Yi
(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-2023446745
(21) 2023446745 (22) 27.07.2023
(54) ACID-ORE RATIO DYNAMIC OPTIMIZATION METHOD FOR HIGH-PRESSURE LEACHING OF LATERITE NICKEL ORE
(51) Int. Cl.
C22B 23/00 (2006.01)
C22B 3/08 (2006.01)
G05D 7/00 (2006.01)
(43) 13.02.2025
(72) BRODJONEGORO, Satryo Soemantri; XU, Kaihua; WANG, Yi; WANALDI, Rizky; AJI, Tegar Mukti; KRISTIYANTO, Evan Wahyu; HASIBUAN, Andi Syaputra; RAHMADI, Piyan
(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-2023446722
(21) 2023446722 (22) 26.07.2023

(54) METHOD FOR PREPARING BATTERY-GRADE NICKEL-COBALT-MANGANESE SULFATE SOLUTION FROM LOW-NICKEL MATTE
(51) Int. Cl.
C22B 23/00 (2006.01)
C22B 3/08 (2006.01)
C22B 3/22 (2006.01)
C22B 3/24 (2006.01)
C22B 47/00 (2006.01)
H01M 4/525 (2010.01)
(43) 13.02.2025
(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

(71) PT QMB NEW ENERGY MATERIALS; PT ESG NEW ENERGY MATERIAL; GEM CO., LTD.; PT GEM INDONESIA NEW ENERGY MATERIALS
(11) AU-A-2023446725
(21) 2023446725 (22) 28.07.2023
(54) COMBINED TREATMENT METHOD FOR LATERITE NICKEL ORE HYDROMETALLURGICAL SLAG AND PHOSPHATING SLAG
(51) Int. Cl.
C22B 7/04 (2006.01)
C22B 1/02 (2006.01)
C22B 3/04 (2006.01)
(43) 13.02.2025
(72) XU, Kaihua; BRODJONEGORO, Satryo Soemantri; HASIBUAN, Andi Syaputra; SALIM, Emil; WANALDI, Rizky; YAN, Xiaodong; AJI, Tegar Mukti; RAHMADI, Piyan
(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-2023446739
(21) 2023446739 (22) 27.07.2023
(54) METHOD FOR EXTRACTING NICKEL, COBALT AND MANGANESE FROM LATERITE NICKEL ORE BY MEANS OF ACID LEACHING
(51) Int. Cl.
C22B 23/00 (2006.01)
B03B 4/02 (2006.01)
B03C 1/025 (2006.01)
C22B 1/00 (2006.01)
C22B 47/00 (2006.01)
(43) 13.02.2025
(72) XU, Kaihua; BRODJONEGORO, Satryo Soemantri; CUI, Tao; AJI, Tegar Mukti; WANALDI, Rizky; RAHMADI, Piyan; HASIBUAN, Andi Syaputra; SALIM, Emil
(74) Madderns Pty Ltd

(71) PT QMB NEW ENERGY MATERIALS; PT ESG NEW ENERGY MATERIAL;

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- GEM CO., LTD.; PT GEM INDONESIA
NEW ENERGY MATERIALS
(11) AU-A-2023446743
(21) 2023446743 (22) 26.07.2023
(54) METHOD FOR PREPARING BATTERY-GRADE NICKEL-COBALT-MANGANESE SULFATE CRYSTAL FROM LOW-GRADE NICKEL MATTE
(51) Int. Cl.
C22B 23/00 (2006.01)
C22B 3/04 (2006.01)
C22B 3/08 (2006.01)
C22B 3/22 (2006.01)
C22B 3/26 (2006.01)
C22B 47/00 (2006.01)
(43) 13.02.2025
(72) XU, Kaihua; BRODJONEGORO, Satryo Soemantri; JIN, Guoquan; AJI, Tegar Mukti; WANALDI, Rizky; HASIBUAN, Andi Syaputra; KRISTİYANTO, Evan Wahyu; SALIM, Emil
(74) Madderns Pty Ltd
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- (71) PUNA BIO CORPORATION; CONSEJO NACIONAL DE INVESTIGACIONES CIENTÍFICAS Y TÉCNICAS (CONICET)
(11) AU-A-2023305415
(21) 2023305415 (22) 10.07.2023
(54) SEED TREATMENT FORMULATIONS AND METHODS OF USE
(51) Int. Cl.
C05F 11/08 (2006.01)
A01N 25/02 (2006.01)
A01N 25/22 (2006.01)
A01N 63/22 (2020.01)
C12N 1/20 (2006.01)
(87) WO2024/015307
(31) 63/368,135 (32) 11.07.22 (33) US
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(43) 18.01.2024
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- (71) PURDUE RESEARCH FOUNDATION; THE BRIGHAM AND WOMEN'S HOSPITAL, INC.; UNIVERSITY OF UTAH; THE REGENTS OF THE UNIVERSITY OF CALIFORNIA; BRENNER, M.; BETH ISRAEL DEACONESS MEDICAL CENTER, INC.
(11) AU-A-2023312817
(21) 2023312817 (22) 28.07.2023
(54) PLATINUM COMPLEXES, RELATED COMPOSITIONS, AND USES THEREOF IN CYANIDE COUNTERMEASURES
(51) Int. Cl.
A61K 31/282 (2006.01)
A61K 31/198 (2006.01)
C07C 211/01 (2006.01)
C07C 211/65 (2006.01)
C07C 321/04 (2006.01)
(87) WO2024/026123
(31) 63/393,647 (32) 29.07.22 (33) US
(43) 01.02.2024
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(21) 2023315588 (22) 05.06.2023
(54) CLOTHES TREATMENT APPARATUS
(51) Int. Cl.
D06F 39/12 (2006.01)
(87) WO2024/021864
(31) 202210908304.2 (32) 29.07.22 (33) CN
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(21) 2023316353 (22) 05.06.2023
(54) LAUNDRY TREATMENT APPARATUS
(51) Int. Cl.
D06F 39/12 (2006.01)
F16M 11/04 (2006.01)
(87) WO2024/021865
(31) 202210910878.3 (32) 29.07.22 (33) CN
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(43) 01.02.2024
(72) LV, Peishi; TIAN, Yun; WANG, Youxi; LIU, Tianyi
(74) Madderns Pty Ltd
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(11) AU-A-2023328524
(21) 2023328524 (22) 28.07.2023
(54) METHOD FOR OPERATING A SENSOR ARRANGEMENT AND SENSOR ARRANGEMENT AND APPARATUS FOR DATA PROCESSING AND DEVICE
(51) Int. Cl.
G05B 19/042 (2006.01)
G05B 23/02 (2006.01)
(87) WO2024/041841
(31) 10 2022 121 211.4 (32) 23.08.22 (33) DE
(43) 29.02.2024
(72) RAIS, Viktor
(74) PHILLIPS ORMONDE FITZPATRICK
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(11) AU-A-2023320507
(21) 2023320507 (22) 03.08.2023
(54) COMPOSITIONS AND METHODS FOR POLYPEPTIDE ANALYSIS
(51) Int. Cl.
G01N 33/68 (2006.01)
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- C07K 14/195 (2006.01)
C12N 9/52 (2006.01)
G01N 33/58 (2006.01)
(87) WO2024/031031
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(43) 08.02.2024
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(74) Davies Collison Cave Pty Ltd
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- (71) QURIENT CO., LTD.
(11) AU-A-2023317788
(21) 2023317788 (22) 02.08.2023
(54) COMBINATION THERAPY OF CDK7 INHIBITORS WITH OTHER ANTI-CANCER THERAPIES
(51) Int. Cl.
A61K 31/53 (2006.01)
A61K 41/00 (2020.01)
A61K 45/06 (2006.01)
A61P 35/00 (2006.01)
C07D 519/00 (2006.01)
(87) WO2024/028411
(31) 63/395,549 (32) 05.08.22 (33) US
(43) 08.02.2024
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(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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(11) AU-A-2023300752
(21) 2023300752 (22) 27.06.2023
(54) OLIGONUCLEOTIDE DELIVERY ENHANCING COMPOUNDS, PHARMACEUTICAL COMPOSITIONS AND METHODS USING THE SAME
(51) Int. Cl.
C07D 207/12 (2006.01)
A61K 48/00 (2006.01)
C12N 15/113 (2010.01)
(87) WO2024/002046
(31) PCT/ (32) 27.06.22 (33) CN
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(43) 04.01.2024
(72) GAN, Zubao; LI, Longcheng
(74) Davies Collison Cave Pty Ltd
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(11) AU-A-2023317596
(21) 2023317596 (22) 01.08.2023
(54) METHODS OF TREATING METASTATIC CASTRATION-RESISTANT PROSTATE CANCER WITH BISPECIFIC ANTI-PSMA X ANTI-CD28 ANTIBODIES IN COMBINATION WITH ANTI-PD-1 ANTIBODIES
(51) Int. Cl.
C07K 16/28 (2006.01)
A61P 35/00 (2006.01)
C07K 16/30 (2006.01)

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(43) 08.02.2024
(72) MILLER, Elizabeth; SANDIGURSKY,
Sabina; LOWY, Israel; SEEBACH,
Frank
(74) Griffith Hack
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- (71) RELIANCE WORLDWIDE CORPORA-
TION
(11) AU-A-2023321584
(21) 2023321584 (22) 10.08.2023
(54) DIRECT BURIAL ENCLOSURE FOR
PLUMBING FITTINGS AND METHODS
(51) Int. Cl.
F16L 59/10 (2006.01)
F16L 41/02 (2006.01)
F16L 41/08 (2006.01)
(87) WO2024/035865
(31) 63/370,984 (32) 10.08.22 (33) US
(43) 15.02.2024
(72) CATALANO, Joseph Derres
(74) Allens Patent & Trade Mark Attorneys
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- (71) RESBIOTIC NUTRITION, INC.
(11) AU-A-2023314627
(21) 2023314627 (22) 26.07.2023
(54) PROBIOTIC BLEND SUPPLEMENT
WITH MICRONUTRIENTS FOR IN-
FANT AND CHILDREN'S HEALTH
(51) Int. Cl.
A23L 33/135 (2016.01)
A23C 9/123 (2006.01)
A23C 9/14 (2006.01)
A61K 35/745 (2015.01)
A61K 35/747 (2015.01)
(87) WO2024/026339
(31) 63/369,716 (32) 28.07.22 (33) US
(43) 01.02.2024
(72) LAL, Charitharth Vivek
(74) PIPERS
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(11) AU-A-2023308926
(21) 2023308926 (22) 15.07.2023
(54) A METHOD OF MANAGEMENT OF
FLY ASHES FROM THE COMBUS-
TION OF PETROLEUM PRODUCTS
(51) Int. Cl.
C08K 3/04 (2006.01)
C04B 18/06 (2006.01)
C04B 18/08 (2006.01)
C08J 3/00 (2006.01)
C08K 7/24 (2006.01)
(87) WO2024/019625
(31) P.441757 (32) 18.07.22 (33) PL
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(43) 25.01.2024
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Małgorzata; URBANIAK, Włodzimierz;
SZYMAŃSKA, Joanna; SZOSTAK,
Marek; PAUKSZTA, Dominik; ZI-
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(74) Griffith Hack
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- (71) REVOPSIS THERAPEUTICS, INC.
(11) AU-A-2023307151
(21) 2023307151 (22) 11.07.2023
(54) ANG-2/VEGF ANTIBODIES AND
USES THEREOF
(51) Int. Cl.
C07K 16/22 (2006.01)
A61K 39/395 (2006.01)
A61P 27/02 (2006.01)
(87) WO2024/015791
(31) 63/388,538 (32) 12.07.22 (33) US
(43) 18.01.2024
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- (71) RLFA CONSULTANTS LTD
(11) AU-A-2023332471
(21) 2023332471 (22) 30.08.2023
(54) SCREW CAPTURE SYSTEM FOR
CALCANEAL FRACTURE
(51) Int. Cl.
A61B 17/72 (2006.01)
(87) WO2024/047400
(31) 63/402,962 (32) 01.09.22 (33) US
(43) 07.03.2024
(72) FLAVIN, Robert
(74) Alder IP Pty Ltd
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- (71) ROCKWELL COLLINS DEUTSCH-
LAND GMBH
(11) AU-A-2023312212
(21) 2023312212 (22) 19.07.2023
(54) SYNCHRONIZED DATA NETWORK
SYSTEM, AND METHOD FOR INI-
TIALIZING AND SYNCHRONIZING
SAME
(51) Int. Cl.
H04L 12/417 (2006.01)
(87) WO2024/017947
(31) 10 2022 118 267.3 (32) 21.07.22 (33) DE
(43) 25.01.2024
(72) REUBOLD, Timo; ENGEL, Heiko
(74) Griffith Hack
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- (71) ROHIRRIM, INC.
(11) AU-A-202330680
(21) 202330680 (22) 26.07.2023
(54) COMPUTER-GENERATED CONTENT
BASED ON TEXT CLASSIFICATION,
SEMANTIC RELEVANCE, AND ACTIV-
ATION OF DEEP LEARNING LARGE
LANGUAGE MODELS
(51) Int. Cl.
G06F 40/56 (2020.01)
G06F 40/131 (2020.01)
(87) WO2024/044011
(31) 63/399,932 (32) 22.08.22 (33) US
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(43) 29.02.2024
(72) ABERLE, Steven Thomas
(74) Spruson & Ferguson
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- (71) RWS GMBH
(11) AU-A-2023331903
(21) 2023331903 (22) 29.08.2023
(54) PROJECTILE WITH REDUCED RUN-
NING LOAD
(51) Int. Cl.
F42B 12/78 (2006.01)
F42B 14/02 (2006.01)
(87) WO2024/047034
(31) 10 2022 121 811.2 (32) 29.08.22 (33) DE
(43) 07.03.2024
(72) MENDE, Daniel
(74) Griffith Hack
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- (71) S. C. JOHNSON & SON, INC.
(11) AU-A-2023317524
(21) 2023317524 (22) 31.07.2023
(54) VOLATILE MATERIAL DISPENSER
(51) Int. Cl.
A61L 9/12 (2006.01)
(87) WO2024/030381
(31) 17/878,629 (32) 01.08.22 (33) US
(43) 08.02.2024
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G.; CUSATIS, Katherine; WALKER,
James T.; DAVIS, Brian T.; ORDIWAY,
Timothy R.; GRALA, Timothy; FATERI-
OUN, Kamran; SOLLER, Douglas A.
(74) GLMR
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- (71) S. C. JOHNSON & SON, INC.
(11) AU-A-2023319973
(21) 2023319973 (22) 02.08.2023
(54) METHODS AND SYSTEMS FOR DIS-
PENSING A VOLATILE MATERIAL
(51) Int. Cl.
A61L 9/02 (2006.01)
A01M 1/20 (2006.01)
A61L 9/03 (2006.01)
(87) WO2024/030496
(31) 63/435,494 (32) 27.12.22 (33) US
18/229,043 01.08.23 US
63/395,218 04.08.22 US
(43) 08.02.2024
(72) HASIK, Sebastian D.; GASPER,
Thomas P.
(74) GLMR
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- (71) S.C.R. (ENGINEERS) LIMITED; PTS
TECHNOLOGIES PTE LIMITED
(11) AU-A-2023326741
(21) 2023326741 (22) 15.08.2023
(54) MONITORING DEVICE FOR AN AGRI-
CULTURAL FARM
(51) Int. Cl.
A01G 9/14 (2006.01)
A01G 9/24 (2006.01)
A01K 1/00 (2006.01)
(87) WO2024/039292
(31) 22190628.2 (32) 16.08.22 (33) EP
(43) 22.02.2024
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Keith; LOH, Kim Huat, Albert; HAN,
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(11) AU-A-2023307620
(21) 2023307620 (22) 23.06.2023
(54) CRYSTALLINE FORM OF A NEURO-ACTIVE STEROID

(51) Int. Cl.
C07J 9/00 (2006.01)
A61K 31/575 (2006.01)
A61P 25/00 (2006.01)
A61P 25/08 (2006.01)
A61P 25/14 (2006.01)
A61P 25/16 (2006.01)
A61P 25/18 (2006.01)
A61P 25/20 (2006.01)
A61P 25/22 (2006.01)
A61P 25/24 (2006.01)
A61P 25/28 (2006.01)

(87) WO2024/015201

(31) 63/388,323 (32) 12.07.22 (33) US
(43) 18.01.2024

(72) WATSON, Paul; SHEN, Jianwei; XU, Li-uting; CHEN, Cen

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(11) AU-A-2023362006

(21) 2023362006 (22) 18.10.2023

(54) APPARATUS AND METHOD FOR MANUFACTURING CEMENTITIOUS SLURRY COMPRISING FOAM

(51) Int. Cl.
B28C 5/06 (2006.01)
B28B 19/00 (2006.01)
B28C 7/04 (2006.01)
B28C 7/16 (2006.01)
C04B 38/10 (2006.01)

(87) WO2024/083896

(31) 22306593.9 (32) 20.10.22 (33) EP
(43) 25.04.2024

(72) SAINGIER, Guillaume; RANZANI DA COSTA, Andrea; JAFFEL, Hamouda; HESSOVA, Martina; KAMLER, Radomir

(74) Michael Buck IP

(71) SAINT-GOBAIN PLACO

(11) AU-A-2023362007

(21) 2023362007 (22) 18.10.2023

(54) APPARATUS AND METHOD FOR MANUFACTURING CEMENTITIOUS SLURRY COMPRISING FOAM, AND CHANNEL FOR SUCH APPARATUS

(51) Int. Cl.
B28C 5/06 (2006.01)
B28B 19/00 (2006.01)
B28C 7/04 (2006.01)
B28C 7/16 (2006.01)
C04B 38/10 (2006.01)

(87) WO2024/083897

(31) 22306595.4 (32) 20.10.22 (33) EP
(43) 25.04.2024

(72) SAINGIER, Guillaume; RANZANI DA COSTA, Andrea; JAFFEL, Hamouda; HESSOVA, Martina; KAMLER, Radomir

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(71) SAINT-GOBAIN PLACO

(11) AU-A-2023362008

(21) 2023362008 (22) 18.10.2023

(54) APPARATUS AND METHOD FOR MANUFACTURING CEMENTITIOUS SLURRY COMPRISING FOAM, AND CHANNEL FOR SUCH APPARATUS

(51) Int. Cl.
B28C 5/06 (2006.01)
B28B 19/00 (2006.01)
B28C 7/04 (2006.01)
B28C 7/16 (2006.01)
C04B 38/10 (2006.01)

(87) WO2024/083898

(31) 22306590.5 (32) 20.10.22 (33) EP
(43) 25.04.2024

(72) SAINGIER, Guillaume; RANZANI DA COSTA, Andrea; JAFFEL, Hamouda; HESSOVA, Martina; KAMLER, Radomir

(74) Michael Buck IP

(71) SAMSUNG ELECTRONICS CO., LTD.

(11) AU-A-2023301040

(21) 2023301040 (22) 21.03.2023

(54) FOLDABLE ELECTRONIC DEVICE INCLUDING HINGE LOCK STRUCTURE

(51) Int. Cl.
G06F 1/16 (2006.01)
G06F 11/32 (2006.01)
H01F 7/02 (2006.01)

(87) WO2024/005300

(31) 10-2022-0078823 (32) 28.06.22 (33) KR
10-2022-0098134 05.08.22 KR

(43) 04.01.2024

(72) RHEE, Minsu; LIM, Gun

(74) Griffith Hack

(71) SANEGENE BIO USA INC.

(11) AU-A-2023320578

(21) 2023320578 (22) 07.08.2023

(54) DOUBLE STRANDED RNA TARGETING ANGIOTENSINOGEN (AGT) AND METHODS OF USE THEREOF

(51) Int. Cl.
C12N 15/113 (2010.01)

(87) WO2024/031101

(31) 63/395,445 (32) 05.08.22 (33) US
(43) 08.02.2024

(72) ZHANG, Chunyang; YANG, Zhongfa; WANG, Shiyu; WANG, Weimin

(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) SAN-EI GEN F.F.I, INC.; INTEGRICULTURE INC.

(11) AU-A-2023317391

(21) 2023317391 (22) 04.08.2023

(54) POROUS SCAFFOLD FOR CELL CULTURE AND PRODUCTION METHOD THEREOF

(51) Int. Cl.
C12N 5/071 (2010.01)
A23J 3/00 (2006.01)
A23L 13/00 (2016.01)
A23L 29/269 (2016.01)
A23L 29/281 (2016.01)
C12M 3/00 (2006.01)
C12N 1/00 (2006.01)

(87) WO2024/029629

(31) 2022-124446 (32) 04.08.22 (33) JP

(43) 08.02.2024

(72) HATANO Hiroaki; LU Mengxue; ONISHI Masanobu; MAEDA Kazuhiro; ONODERA Makoto

(74) Forte Intellectual Property Pty Ltd

(71) SANIFIT THERAPEUTICS, S.A.

(11) AU-A-2023313051

(21) 2023313051 (22) 31.07.2023

(54) IP5 SUBSTITUTED COMPOUNDS

(51) Int. Cl.
C07F 9/117 (2006.01)
A61P 9/00 (2006.01)
A61P 19/00 (2006.01)
A61P 43/00 (2006.01)
C07C 35/16 (2006.01)
C07D 201/00 (2006.01)
C07F 7/18 (2006.01)
C07F 9/6503 (2006.01)
C07F 9/6509 (2006.01)
C07F 9/6518 (2006.01)
C07F 9/6574 (2006.01)

(87) WO2024/023360

(31) 22382737.9 (32) 29.07.22 (33) EP
(43) 01.02.2024

(72) SALCEDO ROCA, Carolina; PÉREZ FERRER, María del Mar; FERRER REYNÉS, Miquel David; BASSISSI, Mohamad Firas; SERRA COMAS, Carme; CATENA RUIZ, Juan Lorenzo; LLEBARIA SOLDEVILA, Amadeu; PERELLÓ BESTARD, Joan

(74) Wallington-Dummer

(71) SANIFIT THERAPEUTICS, S.A.

(11) AU-A-2023313374

(21) 2023313374 (22) 31.07.2023

(54) IP4-4,6 SUBSTITUTED DERIVATIVE COMPOUNDS FOR USE IN THE TREATMENT, INHIBITION OF PROGRESSION, AND PREVENTION OF ECTOPIC CALCIFICATION

(51) Int. Cl.
A61K 31/6615 (2006.01)
A61P 17/02 (2006.01)
A61P 19/00 (2006.01)
A61P 43/00 (2006.01)

(87) WO2024/023359

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A61P 37/00 (2006.01)
A61K 38/00 (2006.01)
C07K 7/50 (2006.01)
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A61P 35/00 (2006.01)
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A61K 31/4178 (2006.01)
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C07H 7/00 (2006.01)
A61K 9/14 (2006.01)
A61P 3/10 (2006.01)
C08L 5/00 (2006.01)
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A61K 35/768 (2015.01)
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C07K 14/705 (2006.01)
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C08B 37/08 (2006.01)
A61K 9/00 (2006.01)
A61K 9/50 (2006.01)
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C08J 3/24 (2006.01)
C08L 5/04 (2006.01)
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A61K 48/00 (2006.01)
A61P 9/10 (2006.01)
C12N 15/12 (2006.01)
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C08H 8/00 (2010.01)
C08J 11/10 (2006.01)
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(54) COMPOSITIONS AND METHODS UTILIZING SOUTHERN OCEAN MACKEREL OIL FOR PROVIDING HEALTH BENEFITS IN AN ANIMAL
(51) Int. Cl.
A23K 10/22 (2016.01)
A23K 20/158 (2016.01)
A23L 33/115 (2016.01)
(87) WO2024/057117
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(72) RUSSELL-MAYNARD, John Kenyon
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A45D 34/04 (2006.01)
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(72) TOWNSEND, Peter John
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- (71) SOLO BRANDS, LLC
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(51) Int. Cl.
F24C 15/08 (2006.01)
F24B 1/18 (2006.01)
F24B 3/00 (2006.01)
F24C 1/16 (2006.01)
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(74) FB Rice Pty Ltd
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- (71) SOLTZ, M.
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(54) NOTIFICATION SYSTEMS AND METHODS FOR NOTIFYING USERS BASED ON FACE MATCH
(51) Int. Cl.
G06V 40/16 (2022.01)
G06F 18/00 (2023.01)
G06V 10/44 (2022.01)
G06V 10/70 (2022.01)
G06V 10/00 (2022.01)
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(43) 04.01.2024
(72) SOLTZ, Mark
(74) IP Flourish
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- (71) SONARA HEALTH, INC.
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(21) 2023312882 (22) 21.07.2023
(54) SYSTEM INCENTIVIZING AND ADJUSTING DRUG DELIVERY
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A61B 5/00 (2006.01)
G16H 20/10 (2018.01)
G16H 20/00 (2018.01)
(87) WO2024/026240
(31) 63/369,320 (32) 25.07.22 (33) US
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(72) GILES, Michael; MENCHACA, John Thomas; JAYARAMAN, Avinash Prasanna; MACRIS, Dimitri
(74) Integrated IP
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- (71) SPECIALTY OPERATIONS FRANCE
(11) AU-A-2022473389
(21) 2022473389 (22) 09.08.2022
(54) USE OF NAPHTHALENE SULPHONATE AS COMPATIBILIZER IN TANK MIX COMPOSITION
(51) Int. Cl.
A01N 25/30 (2006.01)
A01N 43/54 (2006.01)
A01N 47/14 (2006.01)
A01N 59/16 (2006.01)
A01P 3/00 (2006.01)
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(72) AHUJA, Ritu; THAKUR, Sandeep; DESAI, Aditi; DE OLIVEIRA BARRETO COSTA, Fernanda
(74) PHILLIPS ORMONDE FITZPATRICK
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(11) AU-A-2023322368
(21) 2023322368 (22) 03.08.2023
(54) BIODEGRADABLE POLYESTER USED AS DISPERSANT AND THE AGRICULTURAL COMPOSITION COMPRISING THE SAME
(51) Int. Cl.
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C08G 63/199 (2006.01)
C08G 63/672 (2006.01)
C08G 63/688 (2006.01)
C08L 67/02 (2006.01)
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(74) PHILLIPS ORMONDE FITZPATRICK
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G06N 20/00 (2019.01)
G05B 23/02 (2006.01)
G05B 19/418 (2006.01)
G06N 3/006 (2023.01)
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(72) CELLA, Charles, H.; MCGUCKIN, Jeffrey, P.; DUFFY, JR., Gerald, William; HOGAN, Matthew, Allen; STEIN, David; CARDNO, Andrew; DOBROWITSKY, Joshua; ROGOSIN, Nicholas; EL-TAHRY, Teymour, S.; PARENTI, Jenna; LOCKE, Andrew; VETTER, Eric, P.; BUNIN, Andrew; MOHR, Henry; FORTIN, JR., Leon; CASCIO, Anthony
(74) ET Intellectual Property
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- (71) STRYKER CORPORATION
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(54) SYSTEMS FOR DEPLOYING AN IMPLANT
(51) Int. Cl.
A61B 17/70 (2006.01)
A61B 17/88 (2006.01)
A61F 2/44 (2006.01)
(87) WO2024/035755
(31) 63/396,743 (32) 10.08.22 (33) US
(43) 15.02.2024
(72) OGLAZA, Jean-Francois
(74) Davies Collison Cave Pty Ltd
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- (71) SUB-MERGENT TECHNOLOGIES, INC.
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(54) APERTURE ASSEMBLY FOR USE WITH A SUBSURFACE EJECTION VESSEL

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(87) WO2024/023594 (31) 17/876,577 (32) 29.07.22 (33) US (43) 01.02.2024 (72) SANDERS, John A.; NEWDELMAN, Mitchell J. (74) Griffith Hack	(71) SWAMINADHAN, N. (11) AU-A-2022467191 (21) 2022467191 (22) 28.06.2022 (54) A BALANCE BACKPACK FOR IMPROVED WEIGHT DISTRIBUTION AND POSTURE (51) Int. Cl. A45F 3/04 (2006.01) (87) WO2024/003920 (43) 04.01.2024 (72) SWAMINADHAN, Nikhil; SWAMINADHAN, Vikram Aditya (74) SOLIS IP PTY LTD	(71) Taizhou Tool-Bar Machinery Co., Ltd. (11) AU-A-2024278498 (21) 2024278498 (22) 16.07.2024 (54) HIGH-STRENGTH LITHIUM BATTERY NAIL GUN HAVING COMPOSITE ENERGY STORAGE STRUCTURE (51) Int. Cl. B25C 1/06 (2006.01) B25C 9/00 (2006.01) (31) 202310872784.6 (32) 17.07.23 (33) CN (43) 13.02.2025 (72) ZHANG, Wenwei; ZHENG, Rifu (74) Kings Patent & Trade Marks Attorneys Pty Ltd
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(71) SUZHOU GENHOUSE BIO CO., LTD. (11) AU-A-2023299816 (21) 2023299816 (22) 30.06.2023 (54) NITROGEN-CONTAINING COMPOUND AND USE THEREOF (51) Int. Cl. C07D 417/12 (2006.01) A61K 31/517 (2006.01) A61K 31/5377 (2006.01) A61P 35/00 (2006.01) C07D 401/04 (2006.01) C07D 401/14 (2006.01) C07D 413/14 (2006.01) (87) WO2024/002328 (31) 202210773035.3 (32) 30.06.22 (33) CN 202310066234.5 16.01.23 CN 202310739407.5 21.06.23 CN	(71) SYNGENTA CROP PROTECTION AG (11) AU-A-2023332177 (21) 2023332177 (22) 31.08.2023 (54) HERBICIDAL PYRIDONE DERIVATIVES (51) Int. Cl. C07D 213/80 (2006.01) A01N 43/40 (2006.01) (87) WO2024/047202 (31) 22193392.2 (32) 01.09.22 (33) EP	(71) TECHNISCHE UNIVERSITÄT DRESDEN (11) AU-A-2023341980 (21) 2023341980 (22) 13.09.2023 (54) ALLOGENEIC HUMAN MACROPHAGES FOR CELL THERAPY

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A61P 35/00 (2006.01)
C07K 14/74 (2006.01)
C12N 5/078 (2010.01)
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(11) AU-A-2022476291
(21) 2022476291 (22) 01.09.2022
(54) MEASUREMENT CIRCUIT AND OPERATION METHOD THEREFOR
(51) Int. Cl.
H03L 7/099 (2006.01)
G01K 7/22 (2006.01)
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(54) COMPOSITIONS AND METHODS FOR PRODUCING PROTEIN
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C07K 14/76 (2006.01)
A23J 1/18 (2006.01)
C12N 15/81 (2006.01)
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(72) YU, Ruby; MO, Victoria
(74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd
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(21) 2023326384 (22) 15.08.2023
(54) CELL EXPANSION SYSTEM
(51) Int. Cl.
C12M 3/00 (2006.01)
C12M 1/00 (2006.01)
B01F 35/43 (2022.01)
B01F 35/513 (2022.01)
C12N 5/00 (2006.01)
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(54) TISSUE STIMULATION APPARATUS AND METHODS OF MAKING THE SAME
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A61N 1/05 (2006.01)
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(72) HIBBS, Ryan; NOVIELLO, Colleen
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(11) AU-A-2023325079
(21) 2023325079 (22) 15.08.2023
(54) EVOLVED CYTOSINE DEAMINASES AND METHODS OF EDITING DNA USING SAME
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C12N 9/22 (2006.01)
A61K 38/00 (2006.01)
A61K 48/00 (2006.01)
C12N 9/78 (2006.01)
C12N 15/10 (2006.01)
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(74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd
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(11) AU-A-2023315203
(21) 2023315203 (22) 28.07.2023
(54) SUSTAINED-RELEASE ORAL FOSAMPRENAVIR FORMULATION FOR TREATMENT OF REFLUX
(51) Int. Cl.
A61K 31/66 (2006.01)
A61K 31/13 (2006.01)
A61K 31/18 (2006.01)
A61K 31/33 (2006.01)
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(43) 01.02.2024
(72) JOHNSTON, Nikki; VIGILE, Franco Gennaro
(74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) THERAVECTYS; INSTITUT PASTEUR
(11) AU-A-2023316754
(21) 2023316754 (22) 26.07.2023
(54) LENTIVIRAL VECTORS FOR EXPRESSION OF HUMAN PAPILLOMAVIRUS (HPV) ANTIGENS AND ITS IMPLEMENTATION IN THE TREATMENT OF HPV INDUCED CANCERS
(51) Int. Cl.
A61K 39/12 (2006.01)
A61P 35/00 (2006.01)
C07K 14/005 (2006.01)
C07K 16/28 (2006.01)
C12N 15/63 (2006.01)
C12N 15/86 (2006.01)
A61K 39/00 (2006.01)
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(31) 22306119.3 (32) 27.07.22 (33) EP
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(72) CHARNEAU, Pierre; ANNA, François; MONCOQ, Fanny; NOIRAT, Amandine; LALEH, Majlessi; DOUGUET, Laetitia; FERT, Ingrid
(74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd
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(11) AU-A-2023306319
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(54) ADENO-ASSOCIATED VIRUS GENE THERAPY PRODUCTS AND METHODS
(51) Int. Cl.
C12N 15/86 (2006.01)
C12N 15/113 (2010.01)
(87) WO2024/015794
(31) 63/388,492 (32) 12.07.22 (33) US
(43) 18.01.2024
(72) MEYER, Kathrin, Christine; LIKHTE, Shibi; KASPAR, Brian, K.
(74) WRAYS PTY LTD
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- (71) THE UNIVERSITY OF QUEENSLAND; QUEENSLAND UNIVERSITY OF TECHNOLOGY
(11) AU-A-2023315293
(21) 2023315293 (22) 28.07.2023
(54) PARTICULATE FILLED THERMOPLASTIC POLYMER
(51) Int. Cl.
A61L 27/46 (2006.01)
B29B 9/12 (2006.01)
B29B 9/16 (2006.01)
B29C 45/00 (2006.01)
B29C 48/00 (2019.01)
B29C 64/106 (2017.01)
B29C 70/26 (2006.01)
B33Y 70/10 (2020.01)
C08K 3/32 (2006.01)

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C08L 67/04 (2006.01)
B29K 67/00 (2006.01)
B29K 309/00 (2006.01)
B29L 31/00 (2006.01)
(87) WO2024/020650
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(43) 01.02.2024
(72) VAQUETTE, Cedryck; IVANOVSKI,
Saso; ALI, Abdalla Abdalhay; HUT-
MACHER, Dietmar W
(74) Belinda Maree Hartmann

(71) THE YOKOHAMA RUBBER CO., LTD.;
SHANDONG XINGDA TYRE CO., LTD.
(11) AU-A-2022474669
(21) 2022474669 **(22)** 16.08.2022
(54) PNEUMATIC TIRE
(51) Int. Cl.
B60C 15/04 (2006.01)
(87) WO2024/036477
(43) 22.02.2024
(72) SHIMAMURA, Atsushi; YAMAGUCHI,
Yukihito; WANG, Mingquan; GAO,
Feng; JIANG, Xueqin
(74) Davies Collison Cave Pty Ltd

(71) TONGWEI SOLAR (CHENGDU) CO.,
LTD.
(11) AU-A-2023320734
(21) 2023320734 **(22)** 22.02.2023
(54) TCO COATING METHOD, TCO COAT-
ING DEVICE, AND SOLAR CELL AND
PREPARATION METHOD THEREFOR
(51) Int. Cl.
H01L 23/00 (2006.01)
(87) WO2024/031956
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YUAN, Qiang; MENG, Chuncai; FU,
Haixin; MENG, Fanyang; DU, Junlin;
LIU, Zhengxin; ZHOU, Hua
(74) James & Wells Intellectual Property

(71) TOPPAN HOLDINGS INC.
(11) AU-A-2023333856
(21) 2023333856 **(22)** 23.08.2023
(54) PACKAGING AND PACKAGING
PRODUCT
(51) Int. Cl.
B65D 75/30 (2006.01)
B65D 30/16 (2006.01)
B65D 65/40 (2006.01)
(87) WO2024/048392
(31) 2022-135985 **(32)** 29.08.22 **(33)** JP
(43) 07.03.2024
(72) ISHII Rika; KAMINAGA Junichi;
KOSHIYAMA Yoshiki; KOJIMA Yumiko;
WAKABAYASHI Hiroyuki
(74) PHILLIPS ORMONDE FITZPATRICK

(71) TOWING INC.
(11) AU-A-2023303964
(21) 2023303964 **(22)** 19.04.2023

(54) INFORMATION PROCESSING
DEVICE, INFORMATION PRO-
CESSING METHOD, PROGRAM, AND
INFORMATION PROCESSING SYS-
TEM
(51) Int. Cl.
G06Q 50/26 (2024.01)
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(43) 11.01.2024
(72) KIMURA Shunsuke; NISHIDA Ryoya;
NISHIDA Kohei
(74) FPA Patent Attorneys Pty Ltd

(71) TREEFROG THERAPEUTICS
(11) AU-A-2023322418
(21) 2023322418 **(22)** 07.08.2023
(54) EXTRACELLULAR MATRIX SUBSTI-
TUTE IN A CELLULAR MICROCOM-
PARTMENT
(51) Int. Cl.
C12N 5/00 (2006.01)
B33Y 10/00 (2015.01)
C12N 5/074 (2010.01)
C12N 5/0793 (2010.01)
(87) WO2024/033284
(31) FR2208170 **(32)** 08.08.22 **(33)** FR
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(43) 15.02.2024
(72) RIEU, Clément; MIANNÉ, Joffrey;
WARTER, Elise; FEYEU, Maxime
(74) Spruson & Ferguson

(71) TREVI THERAPEUTICS, INC.
(11) AU-A-2023309035
(21) 2023309035 **(22)** 24.07.2023
(54) METHODS OF ADMINISTERING NAL-
BUPHINE
(51) Int. Cl.
A61K 31/485 (2006.01)
A61P 11/00 (2006.01)
A61P 17/04 (2006.01)
C07D 221/28 (2006.01)
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Nigel John; EMSLIE, Bruce Steven;
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SANTA MARÍA
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C07K 14/705 (2006.01)
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C12N 15/12 (2006.01)
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A61K 31/5575 (2006.01)
A61P 5/04 (2006.01)
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C07C 405/00 (2006.01)
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A61P 9/00 (2006.01)
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(74) Griffith Hack
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A61F 9/00 (2006.01)
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E04H 17/00 (2006.01)
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(74) PHILLIPS ORMONDE FITZPATRICK

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Numerical Index

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2022466741	SILLAJEN, INC.	2023298184	ALK-ABELLÓ A/S; AARHUS UNIVERSITET
2022467157	AMCOR FLEXIBLES NORTH AMERICA, INC.	2023298303	ABIONYX PHARMA SA
2022467191	SWAMINADHAN, N.	2023298332	NIANTIC, INC.
2022467308	IRRIGREEN, INC.	2023298390	JANSSEN BIOTECH, INC.
2022467869	GALDERMA HOLDING SA	2023298406	AMAI PROTEINS LTD.
2022470440	HOME CONTROL SINGAPORE PTE LTD	2023298424	SIGILON THERAPEUTICS, INC.
2022470600	UNIVERSIDAD TÉCNICA FEDERICO SANTA MARÍA	2023298429	HUMANIMAGE LLC
2022470854	BEIJING ROBOROCK TECHNOLOGY CO., LTD.	2023298657	BIS SCIENCE LLC.
2022471024	AGI SURETRACK LLC	2023298975	GEXVAL INC.
2022471283	NEUROGUT INC	2023299069	SCG CELL THERAPY PTE. LTD.
2022471417	WORXSAFE AB	2023299274	SAREPTA THERAPEUTICS, INC.
2022471864	XUZHOU HEAVY MACHINERY CO., LTD.	2023299291	LIRUM THERAPEUTICS, INC.
2022471922	PROA HOLDINGS PTY LTD	2023299312	ADAMA AGAN LTD.
2022472351	BAUSCH + LOMB IRELAND LIMITED	2023299816	SUZHOU GENHOUSE BIO CO., LTD.
2022472659	NABRAWIND TECHNOLOGIES, S.L.	2023299821	JIANGSU HENGRUI PHARMACEUTICALS CO., LTD.;
2022472681	JFE STEEL CORPORATION		SHANGHAI HENGRUI PHARMACEUTICAL CO., LTD.
2022472682	JFE STEEL CORPORATION	2023300165	SIGILON THERAPEUTICS, INC.
2022473389	SPECIALTY OPERATIONS FRANCE	2023300198	ASTRAZENECA AB
2022473450	ELYSEE IRRIGATION LTD.	2023300205	AW TECHNOLOGIES APS
2022473503	NOKIA TECHNOLOGIES OY	2023300231	ASTRAZENECA AB
2022473858	UTAS NEXUS AQUASCIENCES PTY LTD	2023300234	UNIVERSITÄT ZU KÖLN
2022473859	UTAS NEXUS AQUASCIENCES PTY LTD	2023300411	SANOFI
2022474277	EMBRACE MEDICAL LTD	2023300752	RACTIGEN THERAPEUTICS
2022474669	THE YOKOHAMA RUBBER CO., LTD.; SHANDONG	2023300753	SINEUGENE THERAPEUTICS CO., LTD.
	XINGDA TYRE CO., LTD.	2023300758	SHANGHAI REFRESHGENE THERAPEUTICS CO.,
2022474963	EPIROC ROCK DRILLS AKTIEBOLAG		LTD.
2022476291	TECHTRONIC CORDLESS GP	2023300773	GENEQUANTUM HEALTHCARE (SUZHOU) CO.,
2022476758	FLARM TECHNOLOGY AG		LTD.; AIMED BIO INC.
2022476759	NOVOZYMES A/S	2023300845	JOST-WERKE DEUTSCHLAND GMBH
2022476760	NOVOZYMES A/S	2023301040	SAMSUNG ELECTRONICS CO., LTD.
2022477573	HEALTH AND HAPPINESS (H&H) HONG KONG LIM- ITED	2023301059	LIRUM THERAPEUTICS, INC.
2022479851	ZTE CORPORATION	2023301087	MODEX THERAPEUTICS, INC.; THE UNITED STATES
2022485564	ZTE CORPORATION		OF AMERICA, AS REPRESENTED BY THE SECRET-
2023265289	PITTSBURGH CORNING EUROPE NV		ARY, DEPARTMENT OF HEALTH AND HUMAN SER-
2023270279	BEIJING EACON TECHNOLOGY CO., LTD.	2023301095	VICES
2023286655	BAOSHAN IRON & STEEL CO., LTD.	2023301103	ANCESTRY.COM OPERATIONS INC.
2023286839	MERCK PATENT GMBH	2023301265	EVONIK OPERATIONS GMBH
2023288029	SKYLINE THERAPEUTICS LIMITED	2023301268	KWS SAAT SE & CO. KGAA
2023288645	ASTRAZENECA AB	2023301268	OTTO BOCK MOBILTY SOLUTIONS GMBH
2023288735	ASTRAZENECA AB	2023301441	SNIPR BIOME APS
2023289032	YEDA RESEARCH AND DEVELOPMENT CO. LTD.; THE STATE OF ISRAEL, MINISTRY OF AGRICUL- TURE & RURAL DEVELOPMENT, AGRICULTURAL RESEARCH ORGANIZATION (ARO) (VOLCANI INSTI- TUTE)	2023301447	DANMARKS TEKNISKE UNIVERSITET
2023289148	SIMMONS ENGINEERING COMPANY	2023301681	COVIDIEN LP
2023289826	CHINA MOBILE COMMUNICATION CO., LTD RE- SEARCH INSTITUTE; CHINA MOBILE COMMUNICA- TIONS GROUP CO., LTD.	2023301700	11584022 CANADA INC.
2023295944	JOHNSON & JOHNSON VISION CARE, INC.	2023301706	MEDOS INTERNATIONAL SARL
2023296503	PLANT BIOSCIENCE LIMITED	2023301764	IVYS INC.
2023296584	FU, D.	2023301974	NUOVO PIGNONE TECNOLOGIE - S.R.L.
2023296781	GENEQUANTUM HEALTHCARE (SUZHOU) CO., LTD.	2023302084	CAMBRIDGE ENTERPRISE LIMITED
2023296807	11584022 CANADA INC.	2023302093	WONDERLAND SWITZERLAND AG
2023296809	11584022 CANADA INC.	2023302511	ALFA LAVAL CORPORATE AB
2023296835	JANSSEN BIOTECH, INC.	2023302991	THE ALFRED E. MANN FOUNDATION FOR SCI-
2023296894	COFFEE VISION AG		ENTIFIC RESEARCH
2023297042	SWIPBOX DEVELOPMENT APS	2023302994	CATERPILLAR INC.
2023297461	PRINCIPIA BIOPHARMA INC.	2023302997	CATERPILLAR INC.
2023297473	ARTHA PARTNERS B.V.	2023303333	G2GBIO, INC.
2023297713	HANGZHOU SYNRX THERAPEUTICS BIOMEDICAL TECHNOLOGY CO., LTD.	2023303776	ALFA LAVAL CORPORATE AB
2023297955	SOLTZ, M.	2023303914	SOLEX SUN PROTECTION LIMITED
2023298012	SIGILON THERAPEUTICS, INC.	2023303964	TOWING INC.
2023298076	KONINKLIJKE PHILIPS N.V.	2023304122	CANBIOCIN INC.; THE ADORED BEAST APO-
2023298108	COFFEE VISION AG		THECARY LTD.
		2023304265	CATERPILLAR INC.
		2023304356	DANIELS MANUFACTURING CORPORATION
		2023304389	CATERPILLAR INC.
		2023304398	THE BOARD OF REGENTS OF THE UNIVERSITY OF
			TEXAS SYSTEM
		2023304693	WONDERLAND SWITZERLAND AG
		2023304711	PHATEC GMBH
		2023304932	BOOSTIMMUNE, INC.

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

2023305329	MEGA PHARM LIMITED	2023312921	CULLINAN MICA CORPORATION
2023305415	PUNA BIO CORPORATION; CONSEJO NACIONAL DE INVESTIGACIONES CIENTÍFICAS Y TÉCNICAS (CONICET)	2023312950	HIKMA PHARMACEUTICALS USA INC.
2023305504	UNIVERSITY OF WYOMING	2023313051	SANIFIT THERAPEUTICS, S.A.
2023305882	NUCLERA LTD	2023313079	MAST GROUP LIMITED
2023306153	BOSTON SCIENTIFIC NEUROMODULATION CORPORATION	2023313117	MEDIBOSTON LIMITED
2023306181	ESCO GROUP LLC	2023313125	INTERNATIONAL CONSOLIDATED BUSINESS GROUP PTY LTD
2023306258	CHOI, C.T.M.	2023313127	DROTASTAR LLC
2023306295	CATERPILLAR INC.	2023313312	DOMPE' FARMACEUTICI SPA
2023306319	THE RESEARCH INSTITUTE AT NATIONWIDE CHILDREN'S HOSPITAL	2023313332	ASSOCIATION FRANCAISE CONTRE LES MYOPATHIES; THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM
2023306365	BEIGENE SWITZERLAND GMBH	2023313374	SANIFIT THERAPEUTICS, S.A.
2023306405	ERICO INTERNATIONAL CORPORATION	2023313495	SUB-MERGENT TECHNOLOGIES, INC.
2023306561	KRAFT FOODS SCHWEIZ HOLDING GMBH	2023313503	COVIDIEN LP
2023306832	PINOTBIO, INC.	2023313661	JEIL PHARMACEUTICAL CO.,LTD.; ONCONIC THERAPEUTICS INC.
2023307126	MEDILINK THERAPEUTICS (SUZHOU) CO., LTD.	2023313782	HENAN UNIVERSITY
2023307151	REVOPSIS THERAPEUTICS, INC.	2023314111	ELC MANAGEMENT LLC
2023307195	NUOVO PIGNONE TECNOLOGIE - S.R.L.	2023314136	MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH
2023307407	HUECK FOLIEN GESELLSCHAFT M.B.H.	2023314143	GRAPHITE ENERGY (ASSETS) PTY LIMITED
2023307620	SAGE THERAPEUTICS, INC.	2023314146	NEWSOUTH INNOVATIONS PTY LIMITED
2023307680	TARGEUTICS, INC.	2023314251	ZEBRA TECHNOLOGIES CORPORATION
2023308308	ABRUS BIO, INC.	2023314263	TERRAFERMA FOODS, INC.
2023308352	JOINT BIOSCIENCES (SH) LTD.	2023314273	LUNG BIOTECHNOLOGY PBC
2023308462	NONA BIOSCIENCES (SUZHOU) CO., LTD.	2023314378	DROTASTAR LLC
2023308487	MEDSHINE DISCOVERY INC.	2023314413	LENTIGEN TECHNOLOGY, INC.
2023308647	PENTAIR WATER POOL AND SPA, INC.	2023314489	CATERPILLAR INC.
2023308926	RE-SOLVE SP. Z O.O.	2023314490	CATERPILLAR INC.
2023309035	TREVI THERAPEUTICS, INC.	2023314513	SIKKA, V.; SIKKA, V.I.
2023309075	CHANGZHOU SHICHUANG ENERGY CO., LTD.	2023314627	RESBIOTIC NUTRITION, INC.
2023309154	YAFEI SHANGHAI BIOLOGY MEDICINE SCIENCE & TECHNOLOGY CO.LTD.	2023314771	GLAUKOS CORPORATION
2023309169	HAISCO PHARMACEUTICAL GROUP CO., LTD.	2023314924	CHEVRON U.S.A. INC.
2023309353	MAGELLAN & BARENTS, S.L.	2023315067	BEIERSDORF AG
2023309390	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	2023315149	GRANULAR THERAPEUTICS LIMITED
2023309481	CATERPILLAR INC.	2023315168	4TEEN4 PHARMACEUTICALS GMBH
2023309527	CHANGZHOU SHICHUANG ENERGY CO., LTD	2023315203	THE MEDICAL COLLEGE OF WISCONSIN, INC.; N-ZYME BIOMEDICAL INC.
2023309834	UNIVERSITY OF LEEDS	2023315227	PFIZER INC.; CTXT PTY LTD
2023310360	UNIVERSITY OF SASKATCHEWAN	2023315289	ELLEX MEDICAL PTY. LTD.
2023310489	EVOPOINT BIOSCIENCES CO., LTD.	2023315293	THE UNIVERSITY OF QUEENSLAND; QUEENSLAND UNIVERSITY OF TECHNOLOGY
2023310928	MINCON INTERNATIONAL LIMITED	2023315294	AUSTRALIAN NATIONAL UNIVERSITY
2023310979	ADDITION THERAPEUTICS, INC.	2023315588	QINGDAO HAIER LAUNDRY ELECTRIC APPLIANCES CO., LTD; HAIER SMART HOME CO., LTD.
2023311028	NUOVO PIGNONE TECNOLOGIE - S.R.L.	2023315607	OYSTER HEAVEN IP B.V.
2023311112	CATERPILLAR INC.	2023315757	SHENZHEN ENDURING BIOTECH, LTD.
2023311113	CATERPILLAR INC.	2023315783	LUNG BIOTECHNOLOGY PBC
2023311133	EMBER TECHNOLOGIES, INC.	2023315806	PROPEL AERO, INC.
2023311225	BIOFIRE DIAGNOSTICS, LLC	2023315939	CALABRIO, INC.
2023311362	NEWLEAF SYMBIOTICS, INC.	2023315974	ORLANDO HEALTH, INC.
2023311363	DEBUT BIOTECHNOLOGY, INC.	2023316015	INSTITUT NATIONAL DE LA SANTÉ ET DE LA RECHERCHE MÉDICALE; CENTRE HOSPITALIER UNIVERSITAIRE DE TOULOUSE; UNIVERSITÉ TOULOUSE III – PAUL SABATIER; FLASH THERAPEUTICS
2023311394	ARIANEGROUP SAS; CENTRE NATIONAL D'ETUDES SPATIALES (CNES)	2023316080	ZSWT PTY LTD
2023311505	PIKE THERAPEUTICS INC.	2023316084	AUSTRALIAN ADVANCED MATERIALS PTY LTD
2023311607	DENKA COMPANY LIMITED	2023316280	BEIJING ROBOROCK TECHNOLOGY CO., LTD.
2023312053	NEW YORK UNIVERSITY; REGENXBIO, INC.	2023316353	QINGDAO HAIER LAUNDRY ELECTRIC APPLIANCES CO., LTD; HAIER SMART HOME CO., LTD.
2023312100	ZHUJIANG HOSPITAL OF SOUTHERN MEDICAL UNIVERSITY; ACCENDATECH HEFEI BIOTECH CO., LTD.	2023316401	MARINE DOLPHIN ENTERPRISES, LLC
2023312193	NORDIC BIOSCIENCE A/S	2023316461	HANGZHOU ADCORIS BIOPHARMA CO., LTD
2023312212	ROCKWELL COLLINS DEUTSCHLAND GMBH	2023316513	MGI TECH CO., LTD.
2023312263	UNIVERSITY OF LEEDS	2023316524	SHENZHEN SALUBRIS PHARMACEUTICALS CO., LTD
2023312296	NORD ENGINEERING S.P.A.	2023316578	BRAY INTERNATIONAL, INC.
2023312662	HANGZHOU ADCORIS BIOPHARMA CO., LTD	2023316579	MASSACHUSETTS INSTITUTE OF TECHNOLOGY; FUJIFILM CORPORATION
2023312708	ZEBRA TECHNOLOGIES CORPORATION	2023316593	COVIDIEN LP
2023312810	SEAKEEPER, INC.	2023316601	BEIJING EARTHWISE TECHNOLOGY CO., LTD.
2023312817	PURDUE RESEARCH FOUNDATION; THE BRIGHAM AND WOMEN'S HOSPITAL, INC.; UNIVERSITY OF UTAH; THE REGENTS OF THE UNIVERSITY OF CALIFORNIA; BRENNER, M.; BETH ISRAEL DEACONESS MEDICAL CENTER, INC.		
2023312882	SONARA HEALTH, INC.		

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

2023316637	SIRTSEI PHARMACEUTICALS, INC.	2023320578	SANEGENE BIO USA INC.
2023316754	THERAVECTYS; INSTITUT PASTEUR	2023320639	HUAWEI TECHNOLOGIES CO., LTD.
2023316769	LIMAGRAIN EUROPE	2023320734	TONGWEI SOLAR (CHENGDU) CO., LTD.
2023316863	PFIZER INC.	2023320900	GLUETACS THERAPEUTICS (SHANGHAI) CO., LTD.
2023316885	CIRA HERBALS LLP	2023321205	FARMROID APS
2023316946	ESCO GROUP LLC	2023321265	HUAWEI TECHNOLOGIES CO., LTD.
2023317154	LIVEARENA TECHNOLOGIES AB	2023321458	KANGBAIDA (SICHUAN) BIOTECHNOLOGY CO., LTD.
2023317346	MITSUI MINING & SMELTING CO., LTD.	2023321459	KANGBAIDA (SICHUAN) BIOTECHNOLOGY CO., LTD.
2023317355	OTSUKA PHARMACEUTICAL CO., LTD.	2023321468	HUAWEI TECHNOLOGIES CO., LTD.
2023317391	SAN-EI GEN F.F.I, INC.; INTEGRICULTURE INC.	2023321523	HUANG, J.
2023317524	S. C. JOHNSON & SON, INC.	2023321550	SHENZHEN ZHONGGE BIOLOGICAL TECHNOLOGY CO., LTD.
2023317584	NATIONAL UNIVERSITY CORPORATION HOKKAIDO UNIVERSITY; LUCA SCIENCE INC.	2023321584	RELIANCE WORLDWIDE CORPORATION
2023317594	ALTAVIZ, LLC	2023321635	KRAUEL MEDICAL INNOVATIONS, S.L.
2023317596	REGENERON PHARMACEUTICALS, INC.	2023321655	JAZZ PHARMACEUTICALS RESEARCH UK LIMITED
2023317620	BASF SE	2023321911	SEAGEN INC.
2023317762	FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.	2023322009	KPR U.S., LLC
2023317788	QURIENT CO., LTD.	2023322083	NOKIA TECHNOLOGIES OY
2023317808	FITS HOLDING B.V.	2023322250	UNILEVER GLOBAL IP LIMITED
2023317822	BIONTECH SE	2023322298	SIXRING INC.
2023317825	NOVARTIS PHARMA AG	2023322299	SIXRING INC.
2023317827	AMADEUS S.A.S.	2023322300	SIX RING INC.
2023317860	DOMPÉ FARMACEUTICI SPA	2023322307	UNIVERSITÉ DE MONTRÉAL
2023317862	DEMATIC GMBH; DEMATIC PTY. LTD.; STILL GMBH	2023322368	SPECIALTY OPERATIONS FRANCE
2023317864	DOMPE' FARMACEUTICI SPA	2023322418	TREEFROG THERAPEUTICS
2023318190	SUMITOMO ELECTRIC INDUSTRIES, LTD.	2023322448	ITALFARMACO S.P.A.
2023318505	KOCH-GLITSCH, LP	2023322484	UNIVERSITY OF SHEFFIELD
2023318631	BLUE CUBE TECHNOLOGY (PTY) LTD	2023322608	CONOCOPHILLIPS COMPANY
2023318634	BACH KIM, K.	2023322926	SENSIBLUE IP B.V.
2023318755	PFIZER INC.	2023323003	ORICA INTERNATIONAL PTE LTD
2023318840	HANSHOW TECHNOLOGY CO., LTD.	2023323327	INSTITUTE OF MOLECULAR AND CLINICAL OPHTHALMOLOGY BASEL (IOB)
2023318885	MEDICHEM, S.A.	2023323385	ARRIS ENTERPRISES LLC
2023318933	FNV IP B.V.	2023323390	INSTITUTE OF MOLECULAR AND CLINICAL OPHTHALMOLOGY BASEL (IOB)
2023318943	DEMATIC CORP.	2023323484	ARRIS ENTERPRISES LLC
2023319071	BELLASENO GMBH	2023323488	ARRIS ENTERPRISES LLC
2023319086	PLANTARC BIO LTD.	2023323496	ARRIS ENTERPRISES LLC
2023319101	UTILIS ISRAEL LTD.	2023323671	ZIMMER, INC.
2023319145	MACQUARIE UNIVERSITY	2023323833	DARKTRACE HOLDINGS LIMITED; BOYER, J.A.; BAZALGETTE, T.O.
2023319282	ENVICORE INC.	2023323905	STRYKER CORPORATION
2023319450	BAOSHAN IRON & STEEL CO., LTD.	2023323949	WISCONSIN ALUMNI RESEARCH FOUNDATION
2023319482	CHONGQING RONGHAI ENGINEERING RESEARCH CENTER OF ULTRASOUND MEDICINE CO., LTD.	2023324065	VANDERBILT UNIVERSITY
2023319594	HUAWEI TECHNOLOGIES CO., LTD.	2023324188	SOLO BRANDS, LLC
2023319613	BYD COMPANY LIMITED	2023324232	PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD.
2023319750	LUYE INNOMIND PHARMA SHIJIAZHUANG CO., LTD.	2023324360	MITSUBISHI HEAVY INDUSTRIES, LTD.
2023319760	IMMVIRA BIOPHARMACEUTICALS CO., LIMITED	2023324440	BAE SYSTEMS PLC
2023319966	LSI SOLUTIONS, INC.	2023324453	BAE SYSTEMS PLC
2023319973	S. C. JOHNSON & SON, INC.	2023324667	DANA-FARBER CANCER INSTITUTE, INC.
2023319981	NEURON23, INC.	2023324669	DANA-FARBER CANCER INSTITUTE, INC.
2023320003	PRESIDENT AND FELLOWS OF HARVARD COLLEGE	2023324712	BOSTON SCIENTIFIC NEUROMODULATION CORPORATION
2023320005	INTERDIGITAL PATENT HOLDINGS, INC.	2023324814	EDWARDS LIFESCIENCES CORPORATION
2023320027	CATERPILLAR TRIMBLE CONTROL TECHNOLOGIES LLC	2023324827	HOWE & HOWE INC.
2023320067	GPI SYSTEMS AB	2023324954	HEISSENBERG, M.
2023320077	INCYTE CORPORATION	2023325067	BOSTON SCIENTIFIC NEUROMODULATION CORPORATION
2023320112	INTERDIGITAL PATENT HOLDINGS, INC.	2023325079	THE BROAD INSTITUTE, INC.; PRESIDENT AND FELLOWS OF HARVARD COLLEGE
2023320116	PHIEX TECHNOLOGIES, INC.	2023325204	HITACHI RAIL GTS DEUTSCHLAND GMBH
2023320136	TANGO THERAPEUTICS, INC.	2023325235	MODERN MEADOW, INC.
2023320147	CONOCOPHILLIPS COMPANY	2023325312	SYLVAN INC.
2023320161	INSULET CORPORATION	2023325618	SHANGHAI MAIUS PHARMACEUTICAL CO. LTD.
2023320256	SCHLUMBERGER TECHNOLOGY B.V.	2023325622	SHANGHAI MAIUS PHARMACEUTICAL CO., LTD.
2023320290	CATERPILLAR INC.	2023325906	EVIVE BIOTECHNOLOGY (SHANGHAI) LTD
2023320343	INVIZYNE TECHNOLOGIES, INC.	2023326048	ANSELL LIMITED
2023320358	CATERPILLAR INC.	2023326110	SIXRING INC.
2023320437	KOJIN THERAPEUTICS, INC.	2023326150	ARBUTUS BIOPHARMA CORPORATION
2023320476	CATERPILLAR TRIMBLE CONTROL TECHNOLOGIES LLC		
2023320478	SCHLUMBERGER TECHNOLOGY B.V.		
2023320507	QUANTUM-SI INCORPORATED		
2023320516	DECIBEL THERAPEUTICS, INC.		

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

2023326249	SEQIRUS INC.	2023350070	ABUS AUGUST BREMICKER SÖHNE KG
2023326271	NM 5473 LTD.	2023350732	O&M HALYARD, INC.; GEORGIA TECH RESEARCH CORPORATION
2023326275	ELBIT SYSTEMS ELECTRO-OPTICS - ELOP LTD.		
2023326384	TERUMO BCT, INC.	2023350733	O&M HALYARD, INC.; GEORGIA TECH RESEARCH CORPORATION
2023326586	INSTITUT NATIONAL DE LA SANTÉ ET DE LA RECHERCHE MÉDICALE; UNIVERSITÉ PARIS-SACLAY	2023350757	O&M HALYARD, INC.
		2023352518	JFE STEEL CORPORATION
2023326741	S.C.R. (ENGINEERS) LIMITED; PTS TECHNOLOGIES PTE LIMITED	2023353108	BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION INC.
2023326745	KHOO, B.	2023353523	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
2023326904	ARMORGARD HOLDINGS LIMITED	2023353583	OPEX CORPORATION; STEVENS, A.
2023327059	NIPPON STEEL CORPORATION	2023354242	ACTION PIN
2023327786	BERK INTERNATIONAL PTY LTD	2023356044	VAPOR OIL TECHNOLOGY LLC
2023328280	HANGZHOU HIGHLIGHTLL PHARMACEUTICAL CO., LTD	2023356751	VAPOR OIL TECHNOLOGY LLC
		2023357835	NIPPON STEEL CORPORATION
2023328524	QLAR EUROPE GMBH	2023361741	PAOLINO, A.
2023329566	OTSUKA PHARMACEUTICAL CO., LTD.	2023361768	DIEMME FILTRATION S.R.L.
2023329759	NEXUS SPINE, LLC	2023362006	SAINT-GOBAIN PLACO
2023329848	W. L. GORE & ASSOCIATES, INC.	2023362007	SAINT-GOBAIN PLACO
2023329851	GRAPHIC PACKAGING INTERNATIONAL, LLC	2023362008	SAINT-GOBAIN PLACO
2023330135	VAPOR OIL TECHNOLOGY LLC	2023362494	FRIESLANDCAMPINA NEDERLAND B.V.
2023330534	YOSHINO GYPSUM CO., LTD.	2023363583	CHONG KUN DANG PHARMACEUTICAL CORP.
2023330680	ROHIRRIM, INC.	2023364158	VIASAT, INC.
2023331423	VEGENICS PTY LIMITED	2023368547	DERRICK CORPORATION
2023331612	NECTIN THERAPEUTICS LTD.	2023369036	COOPERVISION INTERNATIONAL LIMITED
2023331773	SIEMENS GAMESA RENEWABLE ENERGY A/S	2023376398	F. HOFFMANN-LA ROCHE AG
2023331787	PAUL WURTH S.A.	2023376402	F. HOFFMANN-LA ROCHE AG
2023331862	CHR. HANSEN A/S	2023379251	LONGI SOLAR TECHNOLOGY (TAIZHOU) CO., LTD.
2023331903	RWS GMBH	2023388532	F. HOFFMANN-LA ROCHE AG
2023332069	MITSUBISHI HEAVY INDUSTRIES, LTD.	2023392910	A&A GREEN PHOENIX GROUP JOINT STOCK COMPANY
2023332125	SNIPR BIOME APS		
2023332177	SYNGENTA CROP PROTECTION AG	2023397123	AVELOS THERAPEUTICS INC.
2023332471	RLFA CONSULTANTS LTD	2023401208	MILLER, D.S.
2023332994	SIEMENS MOBILITY, INC.	2023401223	NORTHROP GRUMMAN SYSTEMS CORPORATION
2023333212	Linde GmbH	2023409300	NITERRA CO., LTD.
2023333668	JFE STEEL CORPORATION	2023423197	CURIUM US LLC; JALOMÄKI, J.; SEPPÄNEN, S.; DONOVAN, A.; SALEM, J.
2023333669	JFE STEEL CORPORATION		CHEVRON U.S.A. INC.; TRIAD NATIONAL SECURITY, LLC
2023333824	LOTTE CO., LTD.	2023425458	
2023333856	TOPPAN HOLDINGS INC.		
2023333885	INSTITUTE FOR ENVIRONMENTAL HEALTH, INC.	2023427319	ZTE CORPORATION
2023333980	MITSUBISHI HEAVY INDUSTRIES, LTD.; INSTITUTE OF SCIENCE TOKYO	2023430905	ZTE CORPORATION
		2023433254	PSIQUANTUM, CORP.
2023335210	OTSUKA PHARMACEUTICAL CO., LTD.	2023445430	ADVANCED RAIL SYSTEMS, LLC
2023336189	ENGIE	2023446722	PT QMB NEW ENERGY MATERIALS; PT ESG NEW ENERGY MATERIAL; GEM CO., LTD.; PT GEM INDONESIA NEW ENERGY MATERIALS
2023336197	HEINEKEN SUPPLY CHAIN B.V.		
2023336539	ALLNEX BELGIUM, S.A.	2023446725	PT QMB NEW ENERGY MATERIALS; PT ESG NEW ENERGY MATERIAL; GEM CO., LTD.; PT GEM INDONESIA NEW ENERGY MATERIALS
2023336611	BOEHRINGER INGELHEIM INTERNATIONAL GMBH; MEDIZINISCHE HOCHSCHULE HANNOVER		
		2023446727	PT ESG NEW ENERGY MATERIAL; PT QMB NEW ENERGY MATERIALS; GEM CO., LTD.; PT GEM INDONESIA NEW ENERGY MATERIALS
2023336862	SUNGROW POWER SUPPLY CO., LTD.		
2023337487	F. HOFFMANN-LA ROCHE AG	2023446728	PT ESG NEW ENERGY MATERIAL; PT QMB NEW ENERGY MATERIALS; GEM CO., LTD.; PT GEM INDONESIA NEW ENERGY MATERIALS
2023337507	F. HOFFMANN-LA ROCHE AG		
2023338052	COLUMBIA POWER TECHNOLOGIES, INC.	2023446734	PT ESG NEW ENERGY MATERIAL; PT QMB NEW ENERGY MATERIALS; GEM CO., LTD.; PT GEM INDONESIA NEW ENERGY MATERIALS
2023338505	CHONG KUN DANG PHARMACEUTICAL CORP.		
2023338787	F. HOFFMANN-LA ROCHE AG	2023446739	PT QMB NEW ENERGY MATERIAL; PT ESG NEW ENERGY MATERIAL; GEM CO., LTD.; PT GEM INDONESIA NEW ENERGY MATERIALS
2023338806	WING AVIATION LLC		
2023338831	CHEMTREAT, INC.	2023446743	PT QMB NEW ENERGY MATERIALS; PT ESG NEW ENERGY MATERIAL; GEM CO., LTD.; PT GEM INDONESIA NEW ENERGY MATERIALS
2023339280	HITGEN INC.		
2023341034	JFE STEEL CORPORATION	2023446745	PT ESG NEW ENERGY MATERIAL; PT QMB NEW ENERGY MATERIALS; GEM CO., LTD.; PT GEM INDONESIA NEW ENERGY MATERIALS
2023341035	JFE STEEL CORPORATION		
2023341980	TECHNISCHE UNIVERSITÄT DRESDEN	2023449275	NOBLE, S.H.
2023343156	SOCIETE DES PRODUITS NESTLE SA	2023449973	KOREA ZINC CO., LTD.; KEMCO
2023343279	ALCON INC.	2024205209	JIANGSU HENG TONG POWER CABLE CO., LTD
2023345526	JFE STEEL CORPORATION	2024210972	STRONG FORCE IOT PORTFOLIO 2016, LLC
2023347059	ELTHERA AG; DEUTSCHES KREBSFORSCHUNG-SZENTRUM STIFTUNG DES ÖFFENTLICHEN RECHTS	2024254358	NANOLATTIX BIOTECHNOLOGY CO., LTD.
2023347398	JAMF SOFTWARE, LLC		
2023347399	JAMF SOFTWARE, LLC		
2023347416	DEFENSE MEDICAL TECHNOLOGIES, INC.		
2023347781	HOLLISTER INCORPORATED		
2023348006	DDP SPECIALTY ELECTRONIC MATERIALS US, LLC		
2023348096	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.		

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

2024278498 Taizhou Tool-Bar Machinery Co., Ltd.

IPC Index

<u>A01B 45 /-</u>	<u>A01K 67 /-</u>	<u>A01P 3 /-</u>	<u>A23L 27 /-</u>	<u>A47J 31 /-</u>	2023331423
2023313495	2023336611	2022473389	2023298406	2023296894	<u>A61G 5 /-</u>
<u>A01B 69 /-</u>	<u>A01M 1 /-</u>	2023289032	<u>A23L 29 /-</u>	2023298108	2023301268
2023321205	2023319973	2023354242	2023317391	2023362494	<u>A61H 39 /-</u>
<u>A01C 23 /-</u>	<u>A01N 25 /-</u>	<u>A21D 8 /-</u>	<u>A23L 33 /-</u>	<u>A47L 11 /-</u>	2023401208
2023313495	2022473389	2022476759	2022476760	2022470854	<u>A61H 7 /-</u>
<u>A01D 75 /-</u>	2023289032	<u>A22B 3 /-</u>	2022477573	2023316280	2023401208
2023321205	2023296809	2023289148	2023298406	<u>A61B 17 /-</u>	<u>A61J 15 /-</u>
<u>A01F 25 /-</u>	2023305415	<u>A23B 9 /-</u>	2023304122	2023301681	2023322009
2022471024	2023320116	2023296809	2023314627	2023301706	<u>A61K 31 /-</u>
<u>A01G 18 /-</u>	2023322368	<u>A23C 13 /-</u>	<u>A23L 7 /-</u>	2023313503	2022477573
2023325312	2023354242	2023362494	2023336197	2023316593	2023286839
<u>A01G 25 /-</u>	<u>A01N 33 /-</u>	<u>A23C 21 /-</u>	<u>A23P 30 /-</u>	2023319966	2023288645
2022467308	2023326271	2023362494	2023306561	2023323905	2023288735
2023313495	<u>A01N 37 /-</u>	<u>A23C 9 /-</u>	2023362494	2023329759	2023297461
<u>A01G 29 /-</u>	2023354242	<u>A23G 1 /-</u>	<u>A24B 15 /-</u>	2023332471	2023297713
2023313495	<u>A01N 43 /-</u>	2023314627	2023330135	<u>A61B 18 /-</u>	2023298424
<u>A01G 9 /-</u>	2022473389	2023362494	<u>A24D 1 /-</u>	2023297473	2023298975
2023326741	2023301447	<u>A23G 9 /-</u>	2023330135	<u>A61B 3 /-</u>	2023299816
<u>A01H 1 /-</u>	2023317620	<u>A41D 13 /-</u>	<u>A43B 3 /-</u>	2023315289	2023299821
2023301265	2023332177	2023326048	2023296584	2023343279	2023300198
2023316769	<u>A01N 47 /-</u>	<u>A43D 34 /-</u>	<u>A45C 13 /-</u>	<u>A61B 34 /-</u>	2023301103
2023319086	<u>A01N 59 /-</u>	2023303914	2023350070	2023313503	2023301447
<u>A01H 4 /-</u>	2022473389	<u>A43B 3 /-</u>	<u>A45D 40 /-</u>	<u>A61B 5 /-</u>	2023306832
2023301265	2023326271	2023362494	2023314111	2022471283	2023307620
<u>A01H 5 /-</u>	<u>A01N 61 /-</u>	<u>A23J 1 /-</u>	<u>A45F 3 /-</u>	2023297473	2023308487
2023316769	<u>A01N 63 /-</u>	2023314263	2022467191	2023298429	2023309035
<u>A01H 6 /-</u>	2023289032	<u>A23J 3 /-</u>	<u>A47D 13 /-</u>	2023300205	2023309169
2023319086	2023301447	2023317391	2023303914	2023301681	2023310360
<u>A01H 4 /-</u>	2023304711	<u>A23K 10 /-</u>	<u>A47F 10 /-</u>	2023309834	2023310489
2023301265	2023354242	2022473858	2023305329	2023312882	2023311505
2023316769	<u>A01N 65 /-</u>	2023343156	<u>A47G 23 /-</u>	<u>A61B 8 /-</u>	2023312100
<u>A01H 6 /-</u>	2023319086	<u>A23K 20 /-</u>	2023347416	2023319482	2023312662
2023301265	<u>A01N 65 /-</u>	2022473858	<u>A61F 2 /-</u>	<u>A61B 90 /-</u>	2023312817
2023316769	2023354242	2023343156	2023319071	2023315227	2023312950
<u>A01K 1 /-</u>	<u>A01P 1 /-</u>	<u>A23K 40 /-</u>	2023316601	2023315227	2023313127
2023326741	2023301447	2022473858	2023316637	2023316579	2023313312
<u>A01K 61 /-</u>	2023320116	<u>A23K 50 /-</u>	2023316863	2023316601	2023313374
2022473859	<u>A01P 13 /-</u>	2022473858	2023317788	2023316637	2023313661
2023315607	2023319086	<u>A23L 13 /-</u>	2023318885	2023316863	2023314378
<u>A01K 63 /-</u>	<u>A01P 15 /-</u>	2023317391	2023319145	2023317788	2023314771
2022473859	2023311362	2023317391	2023319750	2023313503	2023315203
		2023327786	2023320077	2023316593	2023315227
			2023320136	<u>A61F 2 /-</u>	2023316461
			2023320343	2023319071	2023316579
			2023320437	2023323671	2023316601
			2023320900	2023323905	2023316637
			2023321458	2023324814	2023316863
			2023321459	2023343279	2023317788
			2023321550	2023347416	2023318885
			2023321911		2023319145
					2023319750
					2023320077
					2023320136
					2023320343
					2023320437
					2023320900
					2023321458
					2023321459
					2023321550
					2023321911

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

2023322448	2023311607	2023317822	<u>A61M 25 /-</u>	2023314771	2023315067
2023322484	2023312921	2023320516		2023315067	2023317822
2023324065	2023314413	2023323390	2022474277	2023316863	2023319145
2023326249	2023316754	2023325079	2023297473	2023317825	2023348096
2023328280	2023317584		2023347416	2023320077	
2023329566	2023317822	<u>A61K 49 /-</u>			<u>A61P 33 /-</u>
2023335210	2023319760		<u>A61M 39 /-</u>	<u>A61P 19 /-</u>	
2023338505	2023320136	2023320136			2023301447
2023339280	2023321459		2023321635	2023313051	
2023348096	2023322307	<u>A61K 51 /-</u>		2023313374	<u>A61P 35 /-</u>
2023356751	2023324667		<u>A61M 5 /-</u>		
2023376398	2023324669	2023423197		<u>A61P 21 /-</u>	2022466741
2023376402	2023326586		2023315974		2023297713
2023388532	2023338787	<u>A61K 8 /-</u>	2023317594	2023297461	2023298155
2023397123	2023363583		2023320161	2023299274	2023298390
2024254358		2022467869	2023322009	2023322484	2023299069
	<u>A61K 41 /-</u>	2023296807			2023299816
<u>A61K 35 /-</u>		2023301103	<u>A61N 1 /-</u>	<u>A61P 25 /-</u>	2023300198
	2023317788	2023301700			2023300234
2022466741		2023314136	2023297473	2023286839	2023300773
2023304122	<u>A61K 45 /-</u>	2023315067	2023298076	2023303333	2023304932
2023304711		2023322250	2023302991	2023307620	2023306832
2023308352	2023298975		2023306153	2023310979	2023307126
2023314136	2023313312	<u>A61K 9 /-</u>	2023306258	2023313782	2023307680
2023314627	2023313782		2023324712	2023317860	2023308352
2023317584	2023317788	2023296807	2023325067	2023317864	2023308462
2023322307	2023320136	2023298012		2023319750	2023308487
2023341980	2023335210	2023298155	<u>A61N 5 /-</u>	2023319981	2023309154
2023348096		2023300165		2023321550	2023309169
	<u>A61K 47 /-</u>	2023303333	2023307680	2023322448	2023310489
<u>A61K 36 /-</u>		2023310360		2023329566	2023312662
	2023296781	2023311505	<u>A61N 7 /-</u>	2023335210	2023312921
2022477573	2023296807	2023312950		2023338505	2023313117
2023313312	2023298155	2023313127	2023319482	2023376398	2023314413
2023316885	2023300198	2023313312	<u>A61P 1 /-</u>	2023376402	2023315149
2023356751	2023300758	2023314378		2023388532	2023315227
	2023300773	2023314771	2023288645		2023315757
<u>A61K 38 /-</u>	2023301059	2023317860	2023288735	<u>A61P 27 /-</u>	2023316461
	2023306832	2023318885	2023303333		2023316601
2023299291	2023307126	2023320003	2023304122	2023286839	2023316754
2023300234	2023309154	2023321655	2023313661	2023300758	2023317584
2023300411	2023312662	2023322307	2023318755	2023307151	2023317596
2023303333	2023312950	2023325906	2023326586	2023313312	2023317788
2023307680	2023313117	2023326249		2023317860	2023320136
2023309154	2023313127	2023329566	<u>A61P 11 /-</u>	2023317864	2023320900
2023310360	2023313312	2023331423		2023322448	2023321458
2023313312	2023313782	2023335210	2023286839	2023331423	2023321459
2023314771	2023314378	2023363583	2023300231		2023322307
2023316015	2023314771		2023309035	<u>A61P 29 /-</u>	2023322448
2023317355	2023315757	<u>A61L 2 /-</u>	2023324065		2023325618
2023317860	2023316461		2023348096	2023286839	2023325622
2023317864	2023317822	2023350732	2023376398	2023313782	2023328280
2023322307	2023317860	2023350733	2023376402	2023316863	2023331612
2023322484	2023320003	<u>A61L 26 /-</u>	2023388532	2023316885	2023338505
2023325079	2023320437			2023318755	2023339280
2023325906	2023321655	2023304711	<u>A61P 13 /-</u>	2023322448	2023341980
2023326586	2023325906			2023338505	2023347059
2023331423	2023326249	<u>A61L 27 /-</u>	2023299821	<u>A61P 3 /-</u>	2023397123
2023336611	2023326271		2023312100		
2024254358	2023331423	2023304711	2023313127	2022477573	<u>A61P 37 /-</u>
	2023331612	2023315293	2023314378	2023298012	
<u>A61K 39 /-</u>	2023363583	2023315783	2023317355	2023303333	2023286839
	2023423197	<u>A61L 9 /-</u>		2023313782	2023299291
2023286839	2024254358		<u>A61P 15 /-</u>		2023299821
2023298155		2023317524		<u>A61P 31 /-</u>	2023300411
2023298390	<u>A61K 48 /-</u>	2023319973	2023310360		2023313332
2023299069			<u>A61P 17 /-</u>	2023299069	2023313782
2023300198	2023288029			2023301087	2023315149
2023300758	2023300752	<u>A61M 16 /-</u>	2023298975	2023301441	2023316885
2023304932	2023300753		2023301103	2023301447	2023317822
2023307126	2023300758	2023300205	2023309035	2023311607	2023322307
2023307151	2023312053		2023313374	2023313782	2023322448
2023308462	2023317355				2023338505

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

<u>A61P 39 /-</u>	<u>B01D 25 /-</u>	<u>B08B 3 /-</u>	<u>B29K 67 /-</u>	<u>B60L 3 /-</u>	<u>B63B 35 /-</u>
2023315067	2023361768	2022471922	2023315293	2023324232	2023338052
<u>A61P 43 /-</u>	<u>B01D 3 /-</u>	<u>B23K 23 /-</u>	<u>B29L 31 /-</u>	<u>B60L 50 /-</u>	<u>B63B 39 /-</u>
2023313051	2023356044	2023306405	2023315293	2023301764	2023309353
2023313374	<u>B01D 53 /-</u>	<u>B25C 1 /-</u>	<u>B30B 15 /-</u>	<u>B60L 53 /-</u>	<u>B63B 43 /-</u>
2023317355	2023301974	2024278498	2023317808	2023301764	2023309353
<u>A61P 5 /-</u>	2023314513	<u>B25C 9 /-</u>	<u>B31B 105 /-</u>	<u>B60L 55 /-</u>	<u>B64D 1 /-</u>
2023310360	<u>B01F 23 /-</u>	2024278498	2023320067	2023324232	2023338806
<u>A61P 7 /-</u>	2023362494	<u>B26D 7 /-</u>	<u>B31B 110 /-</u>	<u>B60L 58 /-</u>	<u>B64D 47 /-</u>
2023310979	<u>B01F 25 /-</u>	2023361741	2023329851	2023302994	2023338806
2023313782	2023362494	<u>B28B 1 /-</u>	<u>B31B 120 /-</u>	2023320290	<u>B65B 13 /-</u>
2023316015	<u>B01F 35 /-</u>	2023330534	2023329851	<u>B60N 3 /-</u>	2023304356
2023326586	2023308647	<u>B28B 19 /-</u>	<u>B31B 50 /-</u>	2023311133	<u>B65D 3 /-</u>
<u>A61P 9 /-</u>	2023326384	2023362006	2023320067	<u>B60R 11 /-</u>	2023320067
2023300753	<u>B01J 10 /-</u>	2023362007	2023329851	2023311113	<u>B65D 30 /-</u>
2023300758	2023316401	2023362008	<u>B32B 15 /-</u>	<u>B60W 40 /-</u>	2023333856
2023303333	<u>B01J 19 /-</u>	<u>B28C 5 /-</u>	2022467157	2023320027	<u>B65D 5 /-</u>
2023313051	2023298657	2023362006	2023357835	<u>B61L 15 /-</u>	2023329851
2023314136	2023316401	2023362007	<u>B32B 27 /-</u>	2023325204	2023337507
2023324065	2023318505	2023362008	2022467157	202332994	<u>B65D 65 /-</u>
2023336611	<u>B01J 23 /-</u>	<u>B28C 7 /-</u>	<u>B32B 7 /-</u>	<u>B61L 27 /-</u>	2023333856
<u>A61Q 1 /-</u>	2023317346	2023362006	2022467157	2023325204	<u>B65D 75 /-</u>
2023301103	2023409300	2023362007	<u>B33Y 10 /-</u>	<u>B61L 3 /-</u>	2023333856
<u>A61Q 11 /-</u>	<u>B01J 35 /-</u>	2023362008	<u>B33Y 70 /-</u>	<u>B61L 5 /-</u>	2023337507
2023301103	2023317346	<u>B29B 9 /-</u>	2023306405	2023445430	<u>B65D 85 /-</u>
<u>A61Q 15 /-</u>	<u>B01J 37 /-</u>	2023315293	2023322418	2023325204	<u>B65D 81 /-</u>
2023301103	<u>B01J 4 /-</u>	<u>B29C 35 /-</u>	<u>B33Y 80 /-</u>	<u>B62B 7 /-</u>	2023353523
2023301700	2023317346	2023317808	2023315293	2023302093	<u>B65F 3 /-</u>
<u>A61Q 17 /-</u>	<u>B01J 3 /-</u>	<u>B29C 44 /-</u>	2023315783	<u>B62B 9 /-</u>	2023312296
2022467869	2023316401	2023317808	<u>B42D 25 /-</u>	2023302093	<u>B65G 1 /-</u>
2023301103	<u>B01L 3 /-</u>	<u>B29C 45 /-</u>	2023307407	<u>B62D 55 /-</u>	2023353583
2023301700	2023305882	2023315293	<u>B60C 15 /-</u>	2023324827	<u>B65G 69 /-</u>
2023315067	2023311225	<u>B29C 48 /-</u>	<u>B60D 1 /-</u>	<u>B63B 1 /-</u>	2023353583
<u>A61Q 5 /-</u>	<u>B03B 4 /-</u>	2023315293	<u>B60H 1 /-</u>	2023309353	<u>B66C 1 /-</u>
2023301103	2023446739	<u>B29C 64 /-</u>	2022474669	<u>B63B 17 /-</u>	2022471417
2023301700	<u>B03C 1 /-</u>	<u>B29C 70 /-</u>	2023300845	2023312810	<u>B66C 23 /-</u>
<u>A61Q 7 /-</u>	<u>B05B 12 /-</u>	<u>B29K 309 /-</u>	<u>B60J 5 /-</u>	<u>B63B 21 /-</u>	2022471864
2023301103	2022467308	2023315293	2023311133	2023309353	<u>B82Y 20 /-</u>
<u>B01D 11 /-</u>	<u>B07B 1 /-</u>	2023315293	2023327786		2023433254
2023356044	2023368547				

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

<u>C01B 32 /-</u>	<u>C05F 11 /-</u>	<u>C07D 201 /-</u>	2023321550 2023328280 2023338505 2023388532	<u>C07F 7 /-</u>	2023317596 2023317825 2023318755 2023322307 2023324667 2023324669 2023326586 2023347059 2023363583 2024254358
2023316084 2023333980	2023305415	2023313051		2023313051	
	<u>C05G 3 /-</u>	<u>C07D 207 /-</u>		<u>C07F 9 /-</u>	
<u>C01D 15 /-</u>	2023296809	2023300752	<u>C07D 417 /-</u>	2023298303 2023313051 2023315203	
2023348006	<u>C05G 5 /-</u>	<u>C07D 211 /-</u>	2023288645 2023299816 2023310489 2023317620 2023321550 2023322448 2023338505		
<u>C01G 25 /-</u>	2023296809	2023319750		<u>C07H 1 /-</u>	
2023317346	<u>C07B 35 /-</u>	<u>C07D 213 /-</u>		2023331862	<u>C07K 19 /-</u>
<u>C02F 1 /-</u>	2023409300	2023316601 2023326150 2023332177		<u>C07H 7 /-</u>	2023315757 2023322307 2024254358
2023308647 2023322926	<u>C07B 61 /-</u>		<u>C07D 471 /-</u>	2023298012	
<u>C02F 11 /-</u>	2023317346 2023409300	<u>C07D 221 /-</u>	2023297713 2023309169 2023313661 2023316601 2023319145 2023319750 2023320900 2023321458 2023322448 2023376398 2023397123	<u>C07J 9 /-</u>	<u>C07K 7 /-</u>
2023322300	<u>C07C 11 /-</u>	2023309035		2023307620	2023300411 2023308352 2023310360 2023313117 2023322307
<u>C03B 37 /-</u>	2023409300	<u>C07D 231 /-</u>		<u>C07K 14 /-</u>	
2023326275	<u>C07C 2 /-</u>	2023319981		2022466741 2023298406 2023299274 2023299291 2023300234 2023300411 2023301059 2023305882 2023307680 2023308352 2023312053 2023313782 2023314263 2023314413 2023316754 2023320507 2023322307 2023322484 2023326586 2023332125 2023341980	<u>C08B 37 /-</u>
<u>C03B 5 /-</u>	2023409300	<u>C07D 249 /-</u>			2023300165 2023333885
2023309390	<u>C07C 211 /-</u>	2023322448			
<u>C04B 111 /-</u>	2023312817	<u>C07D 271 /-</u>	<u>C07D 487 /-</u>		<u>C08F 122 /-</u>
2023320478	<u>C07C 227 /-</u>	2023321550	2023309169 2023319981 2023320900 2023325618 2023325622 2023326150 2023339280 2023397123		2023336539
<u>C04B 14 /-</u>	2023299312	<u>C07D 311 /-</u>			<u>C08F 2 /-</u>
2023306405 2023392910	<u>C07C 233 /-</u>	2023311505			2023336539 2023392910
<u>C04B 18 /-</u>	2023301103 2023338831	<u>C07D 401 /-</u>			<u>C08F 212 /-</u>
2023308926	<u>C07C 271 /-</u>	2023288735 2023299312 2023299816 2023299821 2023316601 2023319145 2023319750 2023320900 2023321459 2023322448 2023328280 2023376402 2023388532	<u>C07D 491 /-</u>		2023392910
<u>C04B 20 /-</u>	2023338831		2023306832 2023307126 2023312662 2023316461		<u>C08F 220 /-</u>
2023392910	<u>C07C 279 /-</u>				2023336539 2023392910
<u>C04B 24 /-</u>	2023299312		<u>C07D 495 /-</u>	<u>C07K 16 /-</u>	
2023425458	<u>C07C 29 /-</u>			2023296781 2023298155 2023298184 2023298390 2023299069 2023300198 2023300231 2023300234 2023300758 2023300773 2023301087 2023304932 2023306365 2023307126 2023307151 2023308462 2023312193 2023312921 2023313332 2023313782 2023314413 2023315149 2023315168 2023315757 2023316754	<u>C08F 222 /-</u>
<u>C04B 26 /-</u>	2023305504 2023317346		2023310360 2023324065		2023336539
2023306405 2023392910	<u>C07C 31 /-</u>	<u>C07D 403 /-</u>	<u>C07D 498 /-</u>		<u>C08G 63 /-</u>
		2023316461			2023322368
<u>C04B 28 /-</u>	2023317346	2023321459 2023322448 2023397123	<u>C07D 513 /-</u>		<u>C08H 8 /-</u>
2023320478	<u>C07C 321 /-</u>		2023316863 2023321459		2023326110
<u>C04B 35 /-</u>	2023312817	<u>C07D 405 /-</u>			<u>C08J 11 /-</u>
2023306405	<u>C07C 35 /-</u>	2023316524 2023319750 2023388532	<u>C07D 519 /-</u>		2023326110
<u>C04B 38 /-</u>	2023313051		2023308487 2023316461 2023317788 2023326150		<u>C08J 3 /-</u>
2023362006 2023362007 2023362008	<u>C07C 39 /-</u>	<u>C07D 409 /-</u>			2023300165 2023308926 2023314146
	2023311505	2023319145 2023322448	<u>C07F 5 /-</u>		<u>C08J 5 /-</u>
<u>C04B 7 /-</u>	<u>C07C 405 /-</u>	<u>C07D 413 /-</u>	2023326150		2023314146
2023319282	2023310360	2023299816 2023319750			

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

<u>C08K 3 /-</u>	2023326384	2023319760		2023327059	<u>E02D 27 /-</u>
2023308926	<u>C12N 1 /-</u>	<u>C12N 9 /-</u>	<u>C21B 7 /-</u>		2023302511
2023313125			2023331787	<u>C23C 2 /-</u>	2023303776
2023315293	2023301447	2022476759		2023327059	
2023316084	2023304122	2022476760	<u>C21C 1 /-</u>		<u>E02F 3 /-</u>
	2023305415	2023296503		<u>C23C 22 /-</u>	
<u>C08K 5 /-</u>	2023311362	2023310979	2023345526		2023304389
	2023311363	2023316769		2023319450	2023309481
2023392910	2023317391	2023317762	<u>C21D 9 /-</u>	2023322298	2023320358
	2023322300	2023319086		2023357835	2023320476
<u>C08K 7 /-</u>	2023331862	2023320507	2023286655		
	2023333885	2023325079	<u>C22B 1 /-</u>	<u>C23F 11 /-</u>	<u>E02F 9 /-</u>
2023308926		2023332125		2023338831	2023302997
<u>C08K 9 /-</u>	<u>C12N 11 /-</u>		2022472681		2023304265
		<u>C12P 17 /-</u>	2022472682	<u>C25B 1 /-</u>	2023304389
2023315293	2023296781		2023333668		2023306181
		2023320343	2023333669	2023324360	2023306295
<u>C08L 23 /-</u>	<u>C12N 15 /-</u>	<u>C12P 19 /-</u>	2023341034	2023333980	2023311113
			2023341035		2023316946
2023313125	2022476759		2023352518	<u>C25B 15 /-</u>	2023320027
	2022476760	2023311363	2023446725		
	2023288029	2023326110	2023446727	2023324360	<u>E03F 5 /-</u>
<u>C08L 33 /-</u>	2023296503	2023331862	2023446739	2023333980	
	2023299274				2023318634
2023336539	2023300752	<u>C12P 33 /-</u>		<u>C25B 3 /-</u>	
	2023300753		<u>C22B 23 /-</u>		<u>E04B 1 /-</u>
<u>C08L 5 /-</u>	2023300758	2023296503		2023333980	
	2023301441		2023446722		<u>E04B 1 /-</u>
2023298012	2023305882	<u>C12P 5 /-</u>	2023446727	<u>C25B 9 /-</u>	2023449275
2023300165	2023306319		2023446728		
	2023310979	2023296503	2023446734	2023324360	<u>E04B 2 /-</u>
<u>C08L 67 /-</u>	2023311225	2023322300	2023446739	2023333980	
	2023311363		2023446743		2023449275
2023315293	2023312053	<u>C12P 7 /-</u>	2023446745	<u>C25C 1 /-</u>	<u>E04C 2 /-</u>
2023322368	2023313332				
	2023313782	2023317762	<u>C22B 26 /-</u>	2023446734	<u>E04C 2 /-</u>
<u>C08L 71 /-</u>	2023314263	2023326110			2023449275
	2023316513	<u>C12Q 1 /-</u>	2023348006	<u>C40B 20 /-</u>	<u>E04D 11 /-</u>
2023315783	2023316579		2023446734		
	2023316579		2023449973	2023308308	2023265289
<u>C09J 133 /-</u>	2023316754	2023302084			
	2023316769	2023304122	<u>C22B 3 /-</u>	<u>C40B 40 /-</u>	<u>E04D 3 /-</u>
2023336539	2023317355	2023311225			
	2023319086	2023311607	2023319282	2023308308	2023265289
<u>C09J 175 /-</u>	2023320516	2023312053	2023348006		
	2023320578	2023313079	2023446722	<u>C40B 70 /-</u>	<u>E04F 13 /-</u>
2023325235	2023322307	2023315168	2023446725		
	2023322484	2023316513	2023446727	2023308308	2023449275
<u>C09K 8 /-</u>	2023323327	2023333885	2023446728		
	2023323390	2023350732	2023446734	<u>D06F 39 /-</u>	<u>E04H 17 /-</u>
2023320478	2023325079	2023350733	2023446743		
2023425458	2023326249	2023350757	2023446745	2023315588	2022471417
	2023332125		2023449973	2023316353	
<u>C12C 1 /-</u>	2023337487	<u>C12R 1 /-</u>			<u>E04H 4 /-</u>
			<u>C22B 47 /-</u>	<u>D06F 89 /-</u>	
2023336197	<u>C12N 5 /-</u>	2023317762		2023326048	2023308647
			2023446722		
<u>C12C 3 /-</u>	2023296835	<u>C13K 1 /-</u>	2023446734	<u>D06N 3 /-</u>	<u>E05B 35 /-</u>
	2023300165		2023446739		
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	2023317584				
<u>C12M 1 /-</u>	2023322307	<u>C21B 11 /-</u>	<u>C22B 7 /-</u>		<u>E05B 37 /-</u>
	2023322418			<u>D21C 3 /-</u>	
2023296781	2023326384	2023345526	2023319282	2023322299	2023350070
2023305504	2023336611		2023446725		
2023314273	2023341980	<u>C21B 13 /-</u>		<u>E01B 7 /-</u>	<u>E05B 65 /-</u>
2023322300			<u>C22C 18 /-</u>		
2023326384	<u>C12N 7 /-</u>	2022472682		2023445430	2023326904
2023331862		2023341035	2023327059	<u>E02B 9 /-</u>	2023350070
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	2022466741		<u>C22C 38 /-</u>		<u>E05B 67 /-</u>
<u>C12M 3 /-</u>	2023300753	<u>C21B 3 /-</u>		2023338052	
	2023301441		2023286655		2023326904
2023317391	2023308352	2023345526			

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

<u>E05C 7 /-</u>	<u>F16B 2 /-</u>	<u>F22G 1 /-</u>	<u>G01D 11 /-</u>	<u>G01R 29 /-</u>	<u>G03B 17 /-</u>
2023326904	2022471417	2023314143	2022471024	2023401223	2023311113
<u>E05C 9 /-</u>	<u>F16B 31 /-</u>	<u>F22G 5 /-</u>	<u>G01F 1 /-</u>	<u>G01R 31 /-</u>	<u>G05B 19 /-</u>
2023326904	2022471417	2023314143	2023318631	2023401223	2023328524 2024210972
<u>E06B 9 /-</u>	<u>F16B 5 /-</u>	<u>F24B 1 /-</u>	<u>G01G 19 /-</u>	<u>G01R 33 /-</u>	<u>G05B 23 /-</u>
2023324954 2023361741	2022471417	2023324188	2023312708	2023322608 2023323003	2023328524 2024210972
<u>E21B 33 /-</u>	<u>F16K 27 /-</u>	<u>F24B 3 /-</u>	<u>G01G 21 /-</u>	<u>G01S 1 /-</u>	<u>G05D 1 /-</u>
2023320478 2023425458	2023316578	2023324188	2023312708	2023323003	2023306295
<u>E21B 4 /-</u>	<u>F16K 31 /-</u>	<u>F24C 1 /-</u>	<u>G01H 3 /-</u>	<u>G01S 13 /-</u>	<u>G05D 7 /-</u>
2023310928	2022470854	2023324188	2023318631	2022474963 2023270279 2023319101	2023446728 2023446745
<u>E21B 44 /-</u>	<u>F16K 47 /-</u>	<u>F24C 15 /-</u>	<u>G01J 1 /-</u>	<u>G01S 17 /-</u>	<u>G06F 1 /-</u>
2023313495	2023316578	2023324188	2022471922	2022474963	2023301040
<u>E21B 47 /-</u>	<u>F16K 5 /-</u>	<u>F24S 25 /-</u>	<u>G01J 3 /-</u>	<u>G01S 19 /-</u>	<u>G06F 11 /-</u>
2023320147 2023323003 2023425458	2023316578	2023336189	2023308647	2023353108	2021320770 2023301040
<u>E21B 49 /-</u>	<u>F16L 33 /-</u>	<u>F24S 40 /-</u>	<u>G01K 1 /-</u>	<u>G01S 5 /-</u>	<u>G06F 16 /-</u>
2023322608	2022473450	2022470600	2022471024	2022474963 2023322083	2022470440 2023311112 2023314251 2023315939
<u>F01D 5 /-</u>	<u>F16L 37 /-</u>	<u>F27B 1 /-</u>	<u>G01K 7 /-</u>	<u>G01V 1 /-</u>	<u>G06F 18 /-</u>
2022472659	2023320358	2023331787	2022476291	2023314924 2023320147 2023323003	2023297955 2023311112
<u>F01K 1 /-</u>	<u>F16L 41 /-</u>	<u>F27D 3 /-</u>	<u>G01M 3 /-</u>	<u>G01V 3 /-</u>	<u>G06F 21 /-</u>
2023314143	2023321584	2023331787	2023332069	2023320256 2023322608 2023323003	2023323833 2023347398
<u>F02C 3 /-</u>	<u>F16L 59 /-</u>	<u>F28D 20 /-</u>	<u>G01N 21 /-</u>	<u>G01V 99 /-</u>	<u>G06F 3 /-</u>
2023307195	2023321584	2023314143	2023308647 2023361768	2023314924	2022470440 2023298332 2023314251
<u>F02C 7 /-</u>	<u>F16M 11 /-</u>	<u>F28D 21 /-</u>	<u>G01N 24 /-</u>	<u>G02B 1 /-</u>	<u>G06F 30 /-</u>
2023307195	2023316353	2023311028	2023322608	2023295944	2023343279
<u>F03B 13 /-</u>	<u>F17C 5 /-</u>	<u>F28D 7 /-</u>	<u>G01N 27 /-</u>	<u>G02B 21 /-</u>	<u>G06F 40 /-</u>
2023338052	2023301764 2023333212	<u>F28F 27 /-</u>	<u>G01N 29 /-</u>	<u>G02B 27 /-</u>	2023323833 2023330680
<u>F03B 17 /-</u>	<u>F22B 1 /-</u>	2023311028	2023318631	<u>G02B 6 /-</u>	<u>G06F 9 /-</u>
2023338052	2023311028	<u>F41A 21 /-</u>	<u>G01N 33 /-</u>	2023323488 2023326275	2021320770
<u>F03D 1 /-</u>	2023326745	2023324453	2023304398 2023304932 2023305882 2023306832 2023308308 2023311607 2023312193 2023315168 2023320507 2023350733 2024254358	<u>G02C 7 /-</u>	<u>G06K 17 /-</u>
2022472659	<u>F22B 35 /-</u>	<u>F42B 12 /-</u>	<u>G01R 23 /-</u>	<u>G06K 7 /-</u>	2023318840
<u>F03D 13 /-</u>	2023314143	2023331903	2023401223	2023369036	2023312708
2023309353	<u>F22B 37 /-</u>	<u>F42B 14 /-</u>			
<u>F03D 7 /-</u>	2023326745	2023331903			
2023331773	<u>F22D 1 /-</u>	<u>F42C 11 /-</u>			
<u>F03D 9 /-</u>	2023314143	2023324440			
2023338052	<u>F22D 3 /-</u>	<u>G01B 11 /-</u>			
	2023314143	2023315289			

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

<u>G06N 10 /-</u>	<u>G07C 9 /-</u>	<u>H01M 4 /-</u>	2023323385 2023323488	2023321468 2023427319
2023433254	2023347399 2023350070	2023315806 2023316084 2023446722	<u>H04L 27 /-</u>	<u>H04W 76 /-</u>
<u>G06N 20 /-</u>	<u>G08G 1 /-</u>	<u>H01M 8 /-</u>	2022479851 2022485564	2023320639
2023314924 2023317862 2023318943 2023322608 2023323833 2024210972	2023270279 <u>G09B 23 /-</u> 2023315974 <u>G09B 9 /-</u>	2023318190 2023323949 <u>H02J 3 /-</u> 2023324232 <u>H02J 50 /-</u>	<u>H04L 41 /-</u> 2023323496 <u>H04L 43 /-</u>	<u>H04W 8 /-</u> 2023289826 <u>H05K 5 /-</u>
<u>G06N 3 /-</u>	2023315974 <u>G09G 5 /-</u>	2023312263 <u>H02J 7 /-</u>	2023270279 <u>H04L 5 /-</u>	2023312810
2024210972	2023306295 <u>G11B 27 /-</u>	2023302994 2023320290 2023324232	2023320005 2023430905 <u>H04L 67 /-</u>	
<u>G06N 5 /-</u>	2023317154 <u>G16C 20 /-</u>	<u>H02M 1 /-</u>	2023270279 <u>H04L 9 /-</u>	
2023318943	2023319101 <u>G16H 20 /-</u>	2023336862 <u>H02M 3 /-</u>	2023321523 <u>H04N 21 /-</u>	
<u>G06Q 10 /-</u>	2023305329 2023312882 2023343279 <u>G16H 50 /-</u>	2023314489 2023336862 <u>H02M 7 /-</u>	2022470440 2023317154 <u>H04N 23 /-</u>	
2023297042 2023311112 2023317862 2023318943	2023343279 <u>G16H 50 /-</u>	2023336862 <u>H02S 20 /-</u>	2023298429 2023311113 <u>H04N 7 /-</u>	
<u>G06Q 30 /-</u>	<u>H01B 1 /-</u>	2023336189 <u>H02S 30 /-</u>	2023306295 2023317154 <u>H04Q 11 /-</u>	
2023311112 2023314251	2023314146 <u>H01B 11 /-</u>	2023309527 <u>H02S 40 /-</u>	2023323484 2023323488 2023323496 <u>H04Q 9 /-</u>	
<u>G06Q 50 /-</u>	2024205209 <u>H01B 3 /-</u>	2022470600 2023309527 <u>H03F 3 /-</u>	2023306295 <u>H04W 24 /-</u>	
2023303964	2023314146 <u>H01F 7 /-</u>	2023302994 <u>H03L 7 /-</u>	2023321265 <u>H04W 36 /-</u>	
<u>G06T 1 /-</u>	2023301040 <u>H01L 23 /-</u>	2022476291 <u>H04B 1 /-</u>	2022473503 2023320112 <u>H04W 52 /-</u>	
<u>G06T 19 /-</u>	2023309075 2023320734 2023379251 <u>H01M 10 /-</u>	2023353108 <u>H04B 10 /-</u>	2023320112 <u>H04W 56 /-</u>	
2023298332 2023318933	2023319613 <u>H01M 12 /-</u>	2023323488 2023433254 <u>H04B 7 /-</u>	2023320005 <u>H04W 72 /-</u>	
<u>G06T 7 /-</u>	2023315806 <u>H01M 14 /-</u>	2022476758 2023364158 <u>H04L 12 /-</u>	2023319594 2023320005	
2023306295 2023317154	2023316084	2023312212		
<u>G06V 10 /-</u>				
2023297955 2023301095 2023311394 2023314490				
<u>G06V 20 /-</u>				
2023311394 2023338806				
<u>G06V 30 /-</u>				
2023301095 2023317827				
<u>G06V 40 /-</u>				
2023297955				

Applications Accepted

Name Index

-
- (71) 4D Molecular Therapeutics Inc.
 (11) AU-B-2023200818
 (21) 2023200818 (22) 14.02.2023
 (54) Codon Optimized GLA Genes And Uses Thereof
 (51) Int. Cl.
A61K 35/761 (2015.01)
A61K 38/47 (2006.01)
A61K 48/00 (2006.01)
 (43) 09.03.2023
 (44) 13.02.2025
 (62) 2021263563
 (72) KIRN, David H.; KOTTERMAN, Melissa; FRANCIS, Peter; SCHAFFER, David; SZYMANSKI, Paul; WHITTLESEY, Kevin
 (74) WRAYS PTY LTD
-
- (71) ABBISKO THERAPEUTICS CO., LTD.
 (11) AU-B-2022323373
 (21) 2022323373 (22) 03.08.2022
 (54) PYRIMIDINE OR PYRIDINE DERIVATIVE, PREPARATION METHOD THEREFOR, AND APPLICATION THEREOF IN PHARMACY
 (51) Int. Cl.
C07D 209/04 (2006.01)
A61K 31/136 (2006.01)
A61K 31/167 (2006.01)
A61K 31/404 (2006.01)
A61P 35/00 (2006.01)
C07D 471/04 (2006.01)
 (87) WO2023/011505
 (31) 202110899844.4 (32) 06.08.21 (33) CN
 202210087511.6 25.01.22
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B64C 39/02 (2023.01)
B64F 1/22 (2006.01)
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C07K 14/11 (2006.01)
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A61P 3/06 (2006.01)
C07D 231/10 (2006.01)
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C07D 401/12 (2006.01)
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H04N 19/103 (2014.01)
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C07K 14/705 (2006.01)
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BioFire Defense, LLC see Biofire Diagnostics, LLC.
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C12Q 1/70 (2006.01)
C07H 21/04 (2006.01)
C12M 1/26 (2006.01)
C12P 19/34 (2006.01)
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C12N 5/10 (2006.01)
A61P 35/00 (2006.01)
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C07K 14/54 (2006.01)
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C12Q 1/68 (2018.01)
G16B 30/00 (2019.01)
H03M 13/15 (2006.01)
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A61K 35/22 (2015.01)
A61K 9/14 (2006.01)
A61K 31/704 (2006.01)
A61K 31/7105 (2006.01)
A61P 35/00 (2006.01)
C07K 14/705 (2006.01)
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A23P 20/20 (2016.01)
B05B 1/14 (2006.01)
B05B 13/02 (2006.01)
B65G 37/00 (2006.01)
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E01H 1/12 (2006.01)
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F24F 11/89 (2018.01)
H02J 3/38 (2006.01)
H02S 40/30 (2014.01)
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A61K 9/00 (2006.01)
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A61K 38/39 (2006.01)
A61K 47/34 (2017.01)
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C07C 29/151 (2006.01)
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C25B 15/08 (2006.01)
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F42D 1/045 (2006.01)
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G06Q 50/08 (2012.01)
G06T 15/00 (2011.01)
G06T 17/05 (2011.01)
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B60R 21/0132 (2006.01)
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B60W 30/09 (2012.01)

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G01F 23/292 (2006.01)
G01G 21/22 (2006.01)

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A61P 27/02 (2006.01)
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C12M 1/34 (2006.01)
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C02F 3/32 (2006.01)
C02F 3/02 (2006.01)

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A61H 23/02 (2006.01)
A63B 21/015 (2006.01)
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A01G 25/02 (2006.01)
A01C 23/04 (2006.01)
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A61K 8/67 (2006.01)
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H01G 9/22 (2013.01)

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F16K 3/03 (2006.01)
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A61B 90/00 (2016.01)
G16H 30/40 (2018.01)
G16H 50/20 (2018.01)
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H04N 1/00 (2006.01)
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A41C 1/08 (2006.01)
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G06N 3/08 (2023.01)
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A01C 5/00 (2006.01)
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G06F 1/14 (2006.01)
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G16H 20/40 (2018.01)
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A61B 5/25 (2021.01)
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H02J 1/08 (2006.01)
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G05D 1/00 (2006.01)
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B60L 53/80 (2019.01)
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(54) ROTATION CONVERTER
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2018254566	Baylor College of Medicine	2019282224	The Dynamic Engineering Solution Pty Ltd
2018256573	Vin Investments Australia Pty Ltd	2019282692	Amgen Inc.
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2018311988	Foldax, Inc.	2019295731	Balance Ophthalmics, Inc.
2018335274	The United States of America, as represented by The Secretary, Department of Health and Human Services	2019298150	Caterpillar Inc.
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2019202925	Oracle International Corporation	2019321770	Cirrus Materials Science Limited
2019204198	The Boots Company plc	2019323695	Naiture GmbH & Co. KG
2019204415	MasterCard International Incorporated	2019323759	Secretary of State for Health and Social Care
2019204857	voestalpine Schienen GmbH	2019336269	Underground Extraction Technologies Pty Ltd
2019206314	UCL Business Ltd	2019336540	Qanatpharma AG
2019215248	Weir Slurry Group, Inc.	2019337955	Haldor Topsøe A/S
2019219200	BioNTech SE; TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH	2019338528	AgJunction LLC
2019222713	The Texas A&M University System	2019341798	Prostar Energy Technologies (USA) LLC
2019226618	Agri Technovation (Pty) Ltd	2019342317	Illumina, Inc.
2019227513	Talis Biomedical Corporation	2019342435	WOODIO OY
2019227647	SANDVIK MINING AND CONSTRUCTION OY	2019347770	The Royal Institution for the Advancement of Learning/McGill University
2019229718	Ioualalen, K.; Raynal, R.	2019348279	Schreder S.A.
2019231781	Arcus Biosciences, Inc.	2019355954	Smith & Nephew, Inc.; Smith & Nephew Orthopaedics AG; Smith & Nephew Asia Pacific Pte. Limited
2019231887	Precision Planting LLC	2019359794	Freedom Health, LLC
2019232852	Sandvik Mining and Construction Oy	2019360763	Mahna, S.
2019233613	Sepsia Therapeutics, S.L.	2019361098	Juul Labs, Inc.
2019233860	Aramis Biotechnologies Inc.	2019369322	MasterCraft Boat Company, LLC
2019237541	Massachusetts Eye and Ear Infirmary; Editas Medicine, Inc.	2019374383	Ottobock SE & Co. KGaA
2019239640	Bryn Pharma, LLC	2019375928	Stoko Design Inc.
2019240230	Wayne Fueling Systems, LLC	2019380603	Applied Medical Resources Corporation
2019243318	Kuhner-Stout, E.; Stout, M.	2019381132	BE International Marketing Sdn Bhd
2019253689	Board of Regents, The University of Texas System	2019384163	Saf-Gard Safety Shoe Co.
2019253967	Roam Technologies Pty Ltd	2019385802	Cisco Technology, Inc.
2019254740	KARVANEN, J.	2019391357	Arxada AG
2019256734	Aglaris Ltd	2019392232	Sunshine Lake Pharma Co., Ltd.
2019258494	GM Innovations Limited	2019394519	Sunshine Lake Pharma Co., Ltd.
2019259564	Saluda Medical Pty Ltd	2019397017	Samsung Electronics Co., Ltd.
2019262217	Dry See LLC	2019400658	Societe des Produits Nestle S.A.
2019263254	Stryker Corporation	2019403451	Paradigm Spine, LLC
2019268185	Kverneland Group Nieuw-Vennep B.V.	2019403729	Massey University
2019268303	Willow Innovations, Inc.	2019406534	Amgen Inc.
2019269101	Safehinge Limited	2019413421	Chia Tai Tianqing Pharmaceutical Group Co., Ltd.; Lianyungang Runzhong Pharmaceutical Co., Ltd.; Shouyao Holdings (Beijing) Co., Ltd.
		2019414438	Cargill, Incorporated
		2019416964	Crown Equipment Corporation

Applications Accepted - Numerical Index cont'd

2019424847	JJGC Indústria e Comércio de Materiais Dentários S.A.	2021411051	INTERNATIONAL BUSINESS MACHINES CORPORATION
2019426695	Zhejiang Shurcon Manufacturing Co Ltd	2021423918	HUAWEI TECHNOLOGIES CO., LTD.
2019427808	Neptune Benson, Inc.	2021430769	NUQUATIC, LLC
2019427999	Ateliers Busch SA	2021474749	MILLER TECHNOLOGY INCORPORATED
2019437394	Razer (Asia-Pacific) Pte. Ltd.	2022022220	The Council of the Queensland Institute of Medical Research
2020204736	Viax Dental Technologies LLC	202203141	The Board of Trustees of the Leland Stanford Junior University
2020210506	Abtis Co., Ltd.; Research & Business Foundation Sungkyunkwan University	202203286	Caris MPI, Inc.
2020210809	Iowa State University Research Foundation, Inc.; Metropolitan Water Reclamation District of Greater Chicago Law Department	202203320	Abbott Laboratories
2020210831	Novaremed AG	202203791	The Regents of the University of California
2020211972	Ab Initio Technology LLC	202203795	The Board of Trustees of the Leland Stanford Junior University
2020213924	Vibrosonic GmbH	202204604	The General Hospital Corporation
2020218258	Sonos, Inc.	202205117	GUANGZHOU INSIGHTER BIOTECHNOLOGY CO., LTD
2020220581	Panasonic Intellectual Property Corporation of America	202205800	TELEA ELECTRONIC ENGINEERING SRL; AZIENDA ULSS 8 BERICA
2020223896	Ecofab Covers International Inc.	202206501	Arctic Ocean Tinore Trade Co., Limited
2020226380	JAQUISH BIOMEDICAL CORPORATION	202207001	NEURODAWN PHARMACEUTICAL CO., LTD.
2020229474	Elbit Systems Electro-Optics Elop Ltd.	202207666	WONDERLAND SWITZERLAND AG
2020229809	Arjil Biotech Holding Company Limited	2022210405	WELLTEC A/S
2020241869	The Board of Trustees of the Leland Stanford Junior University	2022215251	GEA Mechanical Equipment Italia S.p.A.
2020245047	Bluebox Aviation Systems Ltd	2022217093	LG ELECTRONICS INC.
2020245769	Sunrise SA	2022230795	GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED
2020247795	C. R. Bard, Inc.	2022237787	BAKER HUGHES OILFIELD OPERATIONS LLC
2020250581	Hanmi Pharm. Co., Ltd.	2022249055	TUCKER, R.D.
2020251854	NTC S.r.l.	2022250360	HUAWEI TECHNOLOGIES CO., LTD.
2020262824	Synvolux IP B.V.	2022263603	Eagle Outdoor Camping Products Co., Ltd.
2020264490	World Class Technology Corporation	2022270932	SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.
2020275238	Milestone Scientific, Inc.	2022271475	OrthoPediatrics Corp.
2020277706	Supersonic Imagine	2022274110	Hanwha Corporation
2020299138	VIVOS, INC.	2022275454	Taiwan Mercury Medical Corporation
2020321945	Espervita Therapeutics, Inc.	2022279165	BOSTON SCIENTIFIC SCIMED, INC.
2020371883	Sandon Global Engraving Technology Limited	2022279369	Remedy Pharmaceuticals, Inc.
2020380366	Kite Pharma, Inc.	2022279518	Dexcom, Inc.
2020384369	Marengo Therapeutics, Inc.	2022283651	Light Field Lab, Inc.
2020391518	Cornell University	2022294850	HUAWEI TECHNOLOGIES CO., LTD.
2020400061	Corcept Therapeutics Incorporated	2022294909	SCHLAGE LOCK COMPANY LLC
2020401936	GenoTech Corp.	2022299056	BOSTON SCIENTIFIC NEUROMODULATION CORPORATION
2020414152	Innovent Biologics (Suzhou) Co., Ltd.	2022299545	PAYPAL, INC.
2020415332	crop.zone GmbH	2022299561	REGEN LAB SA
2020468179	NYXOAH SA	2022306204	YOSHINO GYPSUM CO., LTD.
2021212628	Cliniseal Ltd	2022307876	HENDRICKSON USA, L.L.C.
2021221785	Adicet Therapeutics, Inc.	2022308121	GANNEX PHARMA CO., LTD.
2021227276	AIC246 AG & Co. KG	2022323373	ABBISKO THERAPEUTICS CO., LTD.
2021231356	FETUS, IVF INC	2022324689	SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.
2021273600	Myriad Genetics, Inc	2022325388	CB21 Pharma, s.r.o.
2021279372	Eventum Orthopaedics Limited	2022336908	TOUCHSTONE INTERNATIONAL MEDICAL SCIENCE CO., LTD.
2021286676	BIOHENG THERAPEUTICS LIMITED	2022348189	NOKIA TECHNOLOGIES OY
2021291949	Caterpillar Inc.	2022350549	NINGBO XINWELL MEDICAL TECHNOLOGY CO., LTD.; THE FIRST AFFILIATED HOSPITAL OF NINGBO UNIVERSITY
2021292116	SinoCellTech Ltd.	2022350731	FULBRIGHT MEDICAL INC.
2021334241	Globeride, Inc.	2022357677	GC CORPORATION
2021335847	LG ELECTRONICS INC.	2022357956	WANG, S.
2021336355	LG ELECTRONICS INC.	2022376963	PURE STORAGE, INC.
2021336767	Colgate-Palmolive Company	2022381709	BTL HEALTHCARE TECHNOLOGIES A.S.
2021341744	STRYKER EUROPEAN OPERATIONS LIMITED	2022383209	SUNGROW POWER SUPPLY CO., LTD.
2021342788	ENERSOFT INC.	2022402892	SHANGHAI KYGENT PHARMACEUTICAL CO., LTD
2021346246	Supersonic Imagine; Centre National De La Recherche Scientifique - Cnrs -; Ecole Supérieure de Physique et de Chimie Industrielles de la Ville de Paris	2022404972	LYONDELLBASELL ADVANCED POLYMERS INC.
2021347388	TUCKER, R.D.	2022417357	COMMUNICATIONS TEST DESIGN, INC.
2021351595	CJ CheilJedang Corporation	2022428730	TONGWEI SOLAR (MEISHAN) CO., LTD.
2021356425	ZTE CORPORATION	2022431337	JIANGSU HUAYUAN WATER-SAVING CO., LTD
2021363626	Freezio AG	2022434643	SPORTSMEDIA TECHNOLOGY CORPORATION
2021364255	HK INNO.N CORPORATION	2022435053	KO, J.H.
2021367879	BOREALIS AG		
2021371040	SIMCHA IL-18, INC.; YALE UNIVERSITY		
2021379601	W. L. GORE & ASSOCIATES, INC.		
2021388028	LUMENIS LTD		
2021392306	MATHERS HYDRAULICS TECHNOLOGIES PTY LTD		
2021407605	HUAWEI TECHNOLOGIES CO., LTD.		
2021410756	CORCEPT THERAPEUTICS INCORPORATED		

Applications Accepted - Numerical Index cont'd

2022445815	RAZER (ASIA-PACIFIC) PTE. LTD.
2023200130	RMH Tech LLC
2023200375	Johnson & Johnson Consumer Inc.
2023200472	Hexagon Geosystems Services AG
2023200818	4D Molecular Therapeutics Inc.
2023201146	China Medical University; China Medical University Hospital; Shine-On Biomedical Co., Ltd.
2023201236	Sungrow Energy Storage Technology Co., Ltd.
2023201358	Lummus Technology LLC
2023201394	Bobrick Washroom Equipment, Inc.
2023201565	Shanghai Linghuo Trading Co., Ltd.
2023201743	Cognate 3 LLC; Brown, J.E.; Roberts, S.J.
2023201972	AstraZeneca AB
2023202112	Dexcom, Inc.
2023202381	Global Specimen Solutions, Inc.
2023202560	Biofire Diagnostics, LLC.; bioMerieux; BioFire Defense, LLC
2023202734	Panasonic Intellectual Property Corporation of America
2023202739	Canon Kabushiki Kaisha
2023202834	Advanced Lithium Electrochemistry Co., Ltd.
2023203190	HONEYWELL INTERNATIONAL INC.
2023203254	Panbela Therapeutics, Inc.
2023203532	ResMed Pty Ltd
2023203611	LG ELECTRONICS INC.
2023203647	Tetrous, Inc.
2023203689	ARCADYAN TECHNOLOGY CORPORATION
2023206152	ANDREEV, P.R.
2023216913	Scott & White Healthcare
2023219983	ASSURE TECH. (HANGZHOU) CO., LTD.
2023222974	Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation
2023229534	E Ink Corporation
2023229600	Huawei Technologies Co., Ltd.
2023237075	Kop-Coat, Inc.
2023237139	Boehringer Ingelheim Vetmedica GmbH
2023251481	Becton, Dickinson and Company
2023258327	B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.
2023258431	Sungrow Power Supply Co., Ltd.
2023266362	Pratt Retail Specialties, LLC
2023270239	Sensile Medical AG
2023276440	C3.ai, Inc.
2023278003	AVA Risk Group Limited
2023278040	Kodak Alaris Inc.
2023285732	Advanced Lithium Electrochemistry Co., Ltd.
2023285985	Chongqing Changan Automobile Co., Ltd.
2023289042	MOHIDEEN, F.A.
2023315287	MOHIDEEN, F.A.
2024200026	Guangzhou ORTERLANE Biotechnology Co., Ltd.
2024200616	Dolby International AB
2024200666	Cotron Corporation
2024201049	Revvity Cellular Technologies GmbH
2024201115	Sandvik Mining and Construction Oy
2024201455	Salts Healthcare Limited
2024201456	Salts Healthcare Limited
2024202339	Alpha Tau Medical Ltd.
2024202874	Global International Trading Limited
2024203960	VERSUNI HOLDING B.V.
2024219931	American Sterilizer Company
2024259881	UCB Biopharma SRL
2024278356	SRS Medical Systems, LLC

IPC Index

<u>A01B 39 /-</u>	<u>A01N 31 /-</u>	2019381132	2019397017	2020204736	2020321945
2019323695	2020415332	<u>A41B 9 /-</u>	<u>A47L 9 /-</u>	<u>A61C 15 /-</u>	2020400061
<u>A01B 63 /-</u>	<u>A01N 43 /-</u>	2019243318	2019397017	2021379601	2021227276
2019231887	2019347770	<u>A41C 1 /-</u>	<u>A61B 1 /-</u>	<u>A61C 3 /-</u>	2021364255
<u>A01B 69 /-</u>	2019391357	2019243318	2022206501	2020204736	2021410756
2019338528	<u>A01N 59 /-</u>	<u>A41C 3 /-</u>	2022279165	<u>A61C 7 /-</u>	2022207001
<u>A01B 79 /-</u>	2019391357	2019243318	2022350549	2020264490	2022230795
2019231887	2020415332	<u>A41D 1 /-</u>	2022435053	<u>A61C 8 /-</u>	2022275454
2019323695	<u>A01N 61 /-</u>	2019243318	<u>A61B 17 /-</u>	2019424847	2022279369
<u>A01C 15 /-</u>	2020415332	<u>A41D 13 /-</u>	2019263254	<u>A61F 13 /-</u>	2022308121
2019231887	<u>A01P 13 /-</u>	2019243318	2019291279	2019262217	2022323373
2019268185	2019391357	<u>A41D 27 /-</u>	2019320695	<u>A61F 2 /-</u>	2022402892
<u>A01C 23 /-</u>	2020415332	2019243318	2019355954	2018311988	2023201146
2022431337	<u>A01P 9 /-</u>	<u>A43B 13 /-</u>	2019380603	2019271283	2023201972
<u>A01C 5 /-</u>	2019391357	2019384163	2019403451	2021279372	2023237075
2019231887	<u>A23C 21 /-</u>	<u>A43B 3 /-</u>	2020204736	2023203647	2023237139
<u>A01C 7 /-</u>	2019293520	2019384163	2020247795	<u>A61F 5 /-</u>	<u>A61K 35 /-</u>
2019231887	<u>A23C 9 /-</u>	<u>A45D 33 /-</u>	2021279372	2019374383	2017398266
<u>A01D 1 /-</u>	2019293520	2022357956	2022271475	2019375928	2017414803
2019226618	2019400658	<u>A45D 40 /-</u>	2022279165	2024201455	2018254566
<u>A01D 46 /-</u>	<u>A23D 9 /-</u>	2022357956	2022336908	2024201456	2020380366
2019226618	2019414438	<u>A46B 15 /-</u>	2022350731	2024278356	2021221785
2019323695	<u>A23K 20 /-</u>	2022357956	2023203647	<u>A61H 1 /-</u>	2022203141
<u>A01G 23 /-</u>	2022205117	<u>A47H 13 /-</u>	<u>A61B 18 /-</u>	2020226380	2022299561
2019254740	<u>A23L 2 /-</u>	2022357956	2021341744	<u>A61H 23 /-</u>	2023200818
<u>A01G 25 /-</u>	2018429997	<u>A47H 15 /-</u>	2021388028	2020226380	2023201146
2022431337	<u>A23L 33 /-</u>	2024202874	2022381709	<u>A61H 35 /-</u>	<u>A61K 36 /-</u>
<u>A01G 3 /-</u>	2018429997	<u>A47H 23 /-</u>	<u>A61B 3 /-</u>	2019374383	2020229809
2019226618	2019229718	2024202874	2019295731	2019375928	<u>A61K 38 /-</u>
<u>A01H 5 /-</u>	2019359794	2024202874	<u>A61B 34 /-</u>	2024201455	2017414803
2019233860	2019400658	<u>A47J 31 /-</u>	2024202339	2024278356	2018211985
<u>A01K 87 /-</u>	<u>A23L 5 /-</u>	2021363626	<u>A61B 5 /-</u>	<u>A61H 1 /-</u>	2018254566
2021334241	2019414438	<u>A47J 37 /-</u>	2019253967	2020226380	2018285710
<u>A01M 21 /-</u>	2021351595	2019414438	2019259564	<u>A61H 23 /-</u>	2018429997
2019323695	2024203960	<u>A47K 5 /-</u>	2020245769	2020226380	2019219200
2020415332	<u>A23P 20 /-</u>	2019286466	2022279518	2020226380	2019233613
<u>A01N 25 /-</u>	2019361098	2023201394	2022299056	<u>A61H 35 /-</u>	2019237541
2019391357	<u>A41B 11 /-</u>	<u>A47L 5 /-</u>	2024278356	2019295731	2020414152
2020415332	2019243318	<u>A61C 1 /-</u>	<u>A61B 6 /-</u>	<u>A61K 31 /-</u>	2021371040
			2024202339	2018276384	2023200818
			<u>A61B 8 /-</u>	2019219200	2023216913
			2020277706	2019231781	2024200026
			2021346246	2019239640	<u>A61K 39 /-</u>
			<u>A61B 90 /-</u>	2019271208	2017381585
			2019263254	2019278935	2018212012
			2019380603	2019286162	2018276384
			2021341744	2019295499	2018372083
			2022435053	2019318046	2018383016
			2024219931	2019336540	2019219200
			<u>A61C 1 /-</u>	2019359794	2021292116
				2019392232	<u>A61K 45 /-</u>
				2019394519	2019253689
				2019400658	2020241869
				2019413421	2022308121
				2020210831	<u>A61K 47 /-</u>
				2020229809	2019237541
				2020241869	2019271208
				2020250581	2019275094
				2020251854	2020210506

Applications Accepted - IPC Index cont'd

2020251854	2024278356		2020226380	<u>B41F 27 /-</u>	<u>B60W 50 /-</u>
2021364255		<u>A61P 31 /-</u>			
2022275454	<u>A61M 5 /-</u>		<u>A63B 71 /-</u>	2020371883	2023289042
2022299561		2017398266			
2022325388	2019306023	2019233613	2022434643	<u>B41F 5 /-</u>	<u>B61D 17 /-</u>
2024200026	2020275238	2020251854		2020371883	2020223896
	2023251481	2021227276	<u>A63F 13 /-</u>		
<u>A61K 48 /-</u>	2023270239				
	2024278356	<u>A61P 35 /-</u>	2022445815	<u>B60B 19 /-</u>	<u>B61D 39 /-</u>
2019206314		2017381585	<u>B01D 15 /-</u>	2019298150	2020223896
2023200818	<u>A61N 1 /-</u>	2018254566			
		2018276384	2019272801	<u>B60B 35 /-</u>	<u>B61D 7 /-</u>
<u>A61K 51 /-</u>	2019259564	2018285710			
	2020468179	2018372083	<u>B01D 24 /-</u>	2023201565	2020223896
2020299138	2022205800	2019253689			
	2022299056	2019271208	2019427808	<u>B60D 1 /-</u>	<u>B62D 1 /-</u>
<u>A61K 6 /-</u>	2022381709	2019286162			
		2019392232	<u>B01D 35 /-</u>	2018264052	2023289042
2022357677	<u>A61N 2 /-</u>	2019394519			
		2019413421	2019427808	<u>B60K 1 /-</u>	<u>B62D 15 /-</u>
<u>A61K 8 /-</u>	2022381709	2020210506			
		2020241869	<u>B01D 37 /-</u>	2019227647	2019338528
2019204198	<u>A61N 5 /-</u>	2020250581			
2021336767		2020299138	2019427808	<u>B60K 31 /-</u>	<u>B62D 17 /-</u>
2023200375	2019381132	2020414152			
2024200026	2022381709	2021286676	<u>B01D 53 /-</u>	2021474749	2023201565
	2024202339	2021292116			
<u>A61K 9 /-</u>		2022205800	2019403729	<u>B60L 50 /-</u>	<u>B62D 5 /-</u>
	<u>A61P 1 /-</u>	2022230795			
2019229718		2022323373	<u>B01J 20 /-</u>	2019227647	2023289042
2019239640	2018429997	2022402892		2019272626	
2019253689	2019400658	2023201146	2019403729		<u>B62D 55 /-</u>
2019271208	2021364255	2024202339			
2019275094	2021410756		<u>B04B 1 /-</u>	<u>B60L 53 /-</u>	2021291949
2019413421	2022308121				
2020251854		<u>A61P 37 /-</u>	2019258494	2019227647	<u>B63B 29 /-</u>
2021227276	<u>A61P 11 /-</u>			2019272626	
2021364255		2018383016	<u>B05B 1 /-</u>	<u>B60L 58 /-</u>	2019369322
2022205800	2019286162	2019286162			
2022275454		2020250581	2021351595	2019272626	<u>B64C 29 /-</u>
2022299561	<u>A61P 17 /-</u>				
2022308121		<u>A61P 7 /-</u>	<u>B05B 11 /-</u>	<u>B60N 2 /-</u>	2018274986
2022325388	2022299561				
2023201146	2024200026	2022230795	2023201394	2022207666	<u>B64C 39 /-</u>
2024200026					
	<u>A61P 21 /-</u>	<u>A61P 9 /-</u>	<u>B05B 13 /-</u>	<u>B60P 1 /-</u>	2018274986
<u>A61L 26 /-</u>					2023206152
	2018383016	2019286162	2021351595	2019282224	
2022299561	<u>A61P 25 /-</u>	2019336540	<u>B21D 7 /-</u>	<u>B60R 16 /-</u>	<u>B64F 1 /-</u>
		2022207001			
<u>A61M 1 /-</u>			2019403451	2019298150	2023206152
	2017414803	<u>A61Q 11 /-</u>			
2019268303	2019286162		<u>B25J 15 /-</u>	<u>B60R 17 /-</u>	<u>B64U 80 /-</u>
2019320695	2020210831	2021336767			
2024278356	2020391518		2018274986	2019298150	2023206152
	2021410756	<u>A61Q 19 /-</u>	2019426695		
<u>A61M 11 /-</u>	2022205800			<u>B60R 21 /-</u>	<u>B65D 5 /-</u>
		2019204198	<u>B27N 1 /-</u>		2023266362
2019295731	<u>A61P 27 /-</u>			2023200472	
		<u>A61Q 7 /-</u>	2019342435		<u>B65D 51 /-</u>
<u>A61M 13 /-</u>	2020414152			<u>B60T 13 /-</u>	2022357956
		2023200375	<u>B27N 3 /-</u>		
2019320695	<u>A61P 29 /-</u>			2023289042	
		<u>A62C 2 /-</u>	2019342435		<u>B65D 81 /-</u>
<u>A61M 16 /-</u>	2019295499	2022306204		<u>B60W 10 /-</u>	2023266362
	2019359794		<u>B29C 41 /-</u>		
2019253967	2020250581	<u>A63B 102 /-</u>		2023289042	
2023203532	2020251854		2018311988		<u>B65D 85 /-</u>
	2022275454			<u>B60W 30 /-</u>	
<u>A61M 25 /-</u>		2022434643	<u>B29C 70 /-</u>		2019268303
	<u>A61P 3 /-</u>			2021474749	2021363626
2020275238		<u>A63B 21 /-</u>		2023200472	
	2020400061		2019342435		<u>B65G 15 /-</u>
<u>A61M 39 /-</u>	2023201972	2019272416			
	2023237139				

Applications Accepted - IPC Index cont'd

2019336269	<u>C07D 213 I/-</u>	2018335274	2019222713	<u>C22C 38 I/-</u>	<u>E05B 13 I/-</u>
<u>B65G 37 I/-</u>	2019318046	2019219200	2019256734	2019204857	2019269101
2021351595	2022230795	2019233860	2021411051	<u>E05B 15 I/-</u>	
<u>B66F 9 I/-</u>	<u>C07D 231 I/-</u>	2020391518	2022203791	<u>C23C 16 I/-</u>	2019269101
2019416964	2023201972	2020414152	2023202560	2022428730	2022294909
<u>B67D 1 I/-</u>	<u>C07D 239 I/-</u>	2021371040	2023219983	<u>C25B 1 I/-</u>	<u>E05B 17 I/-</u>
2021363626	2023203254	2023201146	<u>C12M 3 I/-</u>	2019337955	2019269101
<u>B67D 7 I/-</u>	<u>C07D 277 I/-</u>	<u>C07K 16 I/-</u>	2019256734	<u>C25B 15 I/-</u>	2019316093
2019240230	2020241869	2018211985	2022204604	2019337955	<u>E05B 47 I/-</u>
2021363626	<u>C07D 307 I/-</u>	2018212012	<u>C12N 1 I/-</u>	<u>D01D 5 I/-</u>	2022294909
<u>B82B 1 I/-</u>	2022402892	2018231618	2020229809	2021379601	<u>E05B 63 I/-</u>
2019275094	<u>C07D 401 I/-</u>	2018254566	<u>C12N 15 I/-</u>	<u>D01F 6 I/-</u>	2019269101
<u>B82B 3 I/-</u>	2022402892	2018272852	2018283310	2021379601	2022294909
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<u>C01B 25 I/-</u>	<u>C07D 403 I/-</u>	2018372083	2019219200	2021335847	<u>E05B 9 I/-</u>
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<u>C01B 32 I/-</u>	2023203254	2020384369	2021286676	2021336355	<u>E05C 5 I/-</u>
2023285732	<u>C07D 405 I/-</u>	2021292116	2022203141	<u>D06F 39 I/-</u>	2019316093
<u>C01G 53 I/-</u>	2022402892	2023201146	2022204604	2021336355	<u>E06B 9 I/-</u>
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<u>C02F 1 I/-</u>	2022402892	2024259881	2024259881	2021335847	<u>E21B 10 I/-</u>
2019258494	<u>C07D 471 I/-</u>	<u>C07K 19 I/-</u>	<u>C12N 5 I/-</u>	2021336355	2022210405
2019360763	2019286162	2020414152	2018254566	<u>D21J 3 I/-</u>	<u>E21B 15 I/-</u>
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<u>C02F 103 I/-</u>	2019394519	2019321770	2019233860	<u>E01H 1 I/-</u>	<u>E21B 17 I/-</u>
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<u>C02F 103 I/-</u>	2022323373	<u>C08F 210 I/-</u>	<u>C12N 7 I/-</u>	<u>E02D 5 I/-</u>	2023315287
<u>C02F 3 I/-</u>	<u>C07D 487 I/-</u>	2021367879	2019237541	2018256573	<u>E21B 19 I/-</u>
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<u>C02F 9 I/-</u>	<u>C07D 491 I/-</u>	2019275094	2018283310	2019280858	<u>E21B 21 I/-</u>
2019258494	2020250581	<u>C08L 53 I/-</u>	2019237541	<u>E04B 1 I/-</u>	2018424258
<u>C07C 229 I/-</u>	<u>C07F 9 I/-</u>	<u>C09D 5 I/-</u>	<u>C12P 19 I/-</u>	2022306204	<u>E21B 23 I/-</u>
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2020210831	2019231781	<u>C09K 8 I/-</u>	<u>C12P 21 I/-</u>	<u>E04H 15 I/-</u>	<u>E21B 29 I/-</u>
<u>C07C 29 I/-</u>	2023201743	2019315303	2019233860	2022263603	<u>E21B 3 I/-</u>
2019337955	<u>C07H 21 I/-</u>	2022404972	2024259881	<u>E05B 1 I/-</u>	2023315287
<u>C07D 207 I/-</u>	2023202560	<u>C10B 47 I/-</u>	<u>C12P 7 I/-</u>	2019269101	<u>E21B 33 I/-</u>
2020210506	<u>C07J 9 I/-</u>	2021347388	2019222713	2022294909	2019341798
<u>C07D 209 I/-</u>	<u>C07K 14 I/-</u>	2022249055	<u>C12Q 1 I/-</u>		
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		<u>C10B 53 I/-</u>	2019271208		
		2021347388	2019323759		
		<u>C10B 57 I/-</u>	2020262824		
		2021347388	2020401936		
		2022249055	2021231356		
		<u>C12M 1 I/-</u>	2021273600		
		2018260380	2022202220		
		2018348962	2022203791		
			2022203795		
			2023202560		

Applications Accepted - IPC Index cont'd

2022237787		<u>F21V 23 /-</u>		2024201049	<u>G06Q 10 /-</u>
<u>E21B 34 /-</u>	<u>F04B 43 /-</u>		<u>G01F 23 /-</u>		
	2022215251	2024219931	2019286466	<u>G02B 23 /-</u>	2020211972
2018424258		<u>F24C 15 /-</u>		2021388028	2023202381
<u>E21B 4 /-</u>	<u>F04B 7 /-</u>		<u>G01G 17 /-</u>		<u>G06Q 30 /-</u>
	2023270239	2019309424	2019286466	<u>G02B 26 /-</u>	
2022210405		2019316093		2019342317	2023278040
<u>E21B 43 /-</u>	<u>F04B 9 /-</u>	<u>F24F 11 /-</u>	<u>G01G 21 /-</u>		<u>G06Q 50 /-</u>
	2023270239	2018445437	2019286466	<u>G02B 27 /-</u>	
2019300942				2019342317	2019226618
2022270932	<u>F04C 11 /-</u>	<u>F24F 3 /-</u>	<u>G01L 19 /-</u>	2020229474	2022274110
<u>E21B 44 /-</u>	2021392306	2019283792	2019280858	<u>G02B 30 /-</u>	<u>G06T 15 /-</u>
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2019300942	<u>F04C 14 /-</u>	<u>F24F 5 /-</u>	<u>G01L 9 /-</u>	2024201049	<u>G06T 17 /-</u>
<u>E21B 47 /-</u>	2021392306	2018445437	2019280858	<u>G02F 1 /-</u>	
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2019300942	<u>F04C 2 /-</u>	<u>F24S 25 /-</u>	<u>G01M 3 /-</u>		<u>G06T 5 /-</u>
2022270932	2021392306	2023200130	2019280858	<u>G03G 21 /-</u>	
<u>E21B 7 /-</u>	<u>F04C 23 /-</u>	<u>F25D 23 /-</u>	<u>G01M 5 /-</u>	2023202739	2024203960
	2019427999	2023203611	2019280858	<u>G03H 1 /-</u>	<u>G06T 7 /-</u>
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2023315287	<u>F04C 29 /-</u>	<u>F26B 3 /-</u>	<u>G01N 21 /-</u>	2022283651	2024201049
<u>E21C 41 /-</u>	2019427999	2021335847	2019406534	<u>G05B 19 /-</u>	2024203960
			2021342788		<u>G06V 10 /-</u>
2019336269	<u>F04D 29 /-</u>	<u>F28D 20 /-</u>	<u>G01N 27 /-</u>	2023285985	
<u>E21D 11 /-</u>	2019215248	2022324689		2024201115	2024203960
			2019414438	<u>G05D 1 /-</u>	<u>G07C 5 /-</u>
<u>E21F 13 /-</u>	<u>F04D 7 /-</u>	<u>F28D 7 /-</u>	<u>G01N 29 /-</u>	2024201115	2023200472
	2019215248	2023201358	2021346246	<u>G05D 3 /-</u>	<u>G07F 17 /-</u>
2019336269	<u>F16D 51 /-</u>	<u>F28F 27 /-</u>	<u>G01N 30 /-</u>	2024201115	2019202567
<u>F01C 1 /-</u>	2022307876	2023201358	2019227513	<u>G06F 1 /-</u>	<u>G08B 1 /-</u>
2021392306	<u>F16D 65 /-</u>	<u>F28F 3 /-</u>	2019272801	2022376963	2022299056
<u>F01C 19 /-</u>	2022307876	2023203689	2019282692		
2019227513	<u>F16D 66 /-</u>	<u>F28F 9 /-</u>	<u>G01N 33 /-</u>	<u>G06F 16 /-</u>	<u>G08B 13 /-</u>
<u>F01C 20 /-</u>	2022307876	2023201358	2019271208	2022376963	2023278003
2021392306	<u>F16H 39 /-</u>	<u>F42D 1 /-</u>	2020384369	<u>G06F 21 /-</u>	<u>G08B 17 /-</u>
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<u>F01L 7 /-</u>	2023201358	2022274110	2022203795	<u>G06F 3 /-</u>	
			<u>G01N 37 /-</u>		2019286466
2019227513	<u>F16K 11 /-</u>	<u>G01B 11 /-</u>	2021342788	2020218258	2022299056
<u>F03B 13 /-</u>	2019227513	2021388028	<u>G01S 15 /-</u>	2023276440	<u>G09G 3 /-</u>
	2022206501		2021346246	<u>G06F 8 /-</u>	2022417357
2019290039		<u>G01B 9 /-</u>	<u>G01S 3 /-</u>	2020211972	<u>G10L 15 /-</u>
<u>F03C 99 /-</u>	<u>F16K 3 /-</u>	2023278003	2018274986	<u>G06F 9 /-</u>	2020218258
	2018424258	<u>G01F 1 /-</u>	<u>G02B 17 /-</u>	2019202925	<u>G10L 19 /-</u>
<u>F04B 13 /-</u>	2019227513	2019280858	2020229474	<u>G06N 3 /-</u>	2019437394
2022203791	<u>F16L 55 /-</u>	<u>G01F 15 /-</u>	<u>G02B 21 /-</u>	2022294850	
<u>F04B 19 /-</u>	2018202019	2019280858		2022299545	<u>G11B 27 /-</u>
			2019342317		2019437394
2023270239					

Applications Accepted - IPC Index cont'd

<u>G16B 30 /-</u>	2023201236 2023258431	2019385802	<u>H05K 7 /-</u>
2019270159	<u>H02K 1 /-</u>	<u>H04L 67 /-</u>	2023203689
<u>G16B 50 /-</u>	2021336355	2022376963 2023202381	<u>H10F 71 /-</u>
2019270159	<u>H02K 7 /-</u>	<u>H04L 69 /-</u>	2022428730
<u>G16H 20 /-</u>	2021336355	2022376963	<u>H10F 77 /-</u>
2019253967 2022299056	<u>H02M 1 /-</u>	<u>H04L 9 /-</u>	2022428730
<u>G16H 30 /-</u>	2022383209 2023258431	2019204415 2023202381	
2022435053 2023202381	<u>H02M 3 /-</u>	<u>H04N 1 /-</u>	
<u>G16H 40 /-</u>	2021356425 2022383209	2023278040	
2022299056	<u>H02M 7 /-</u>	<u>H04N 13 /-</u>	
<u>G16H 50 /-</u>	2022383209 2023258431	2024201049	
2022299056 2022435053	<u>H02S 40 /-</u>	<u>H04N 19 /-</u>	
<u>H01G 11 /-</u>	2018445437 2022383209	2023202734 2023229600 2023258327	
2023222974	<u>H03H 17 /-</u>	<u>H04R 1 /-</u>	
<u>H01G 9 /-</u>	2024200616	2024200666	
2023222974	<u>H03M 13 /-</u>	<u>H04R 17 /-</u>	
<u>H01J 49 /-</u>	2019270159	2020213924	
2019282692	<u>H04B 1 /-</u>	<u>H04R 25 /-</u>	
<u>H01M 4 /-</u>	2021356425 2023203689	2020213924	
2023202834 2023222974 2023285732	<u>H04B 10 /-</u>	<u>H04R 27 /-</u>	
<u>H01M 8 /-</u>	2020245047 2023278003	2020218258	
2023222974	<u>H04B 17 /-</u>	<u>H04R 5 /-</u>	
<u>H01Q 1 /-</u>	2022250360	2024200666	
2023203689	<u>H04J 3 /-</u>	<u>H04W 4 /-</u>	
<u>H01S 5 /-</u>	2022376963	2022434643	
2020229474	<u>H04L 12 /-</u>	2022250360 2022348189 2023202112	
<u>H02H 9 /-</u>	2023285985	<u>H04W 74 /-</u>	
2019348279	<u>H04L 27 /-</u>	2022294850	
<u>H02J 1 /-</u>	2021407605	<u>H04W 76 /-</u>	
2019272626	<u>H04L 45 /-</u>	2021423918	
<u>H02J 3 /-</u>	2019385802	<u>H05B 45 /-</u>	
2018445437 2022383209 2023201236	<u>H04L 5 /-</u>	2019348279	
<u>H02J 7 /-</u>	2020220581 2022348189	<u>H05B 47 /-</u>	
2019272626 2022299056	<u>H04L 61 /-</u>	2019348279	

Certified Innovation Patents**Name Index**

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

(71) Ampfibian Holdings Pty Ltd
(11) AU-B-2024100041
(21) 2024100041 (22) 15.11.2024
(54) A POWER SAFETY DEVICE CONFIGURED FOR OUTDOOR USE
(51) Int. Cl.
H01R 13/52 (2006.01)
H01R 13/58 (2006.01)
H02G 3/08 (2006.01)
H01R 13/506 (2006.01)
H01R 13/639 (2006.01)
(45) 13.02.2025
(62) 2021203767
(72) Kratzer, Oliver
(74) FORWARD INTELLECTUAL PROPERTY PTY LTD

(71) OzGreen Energy Pty Ltd
(11) AU-B-2020100018
(21) 2020100018 (22) 07.01.2020
(54) SYSTEM AND METHOD FOR FLUSHING A WATER LINE
(51) Int. Cl.
E03B 7/08 (2006.01)
E03B 7/07 (2006.01)
(31) 2019900051 (32) 08.01.19 (33) AU
(45) 13.02.2025
(72) McKelvey, Len
(74) Michael Buck IP

Numerical Index

2020100018	OzGreen Energy Pty Ltd
2024100041	Ampfibian Holdings Pty Ltd

IPC Index

E03B 7 /-

2020100018

H01R 13 /-

2024100041

H02G 3 /-

2024100041

Patents Granted

Standard Patents

2017414804	2018218280	2018232883	2018252974
2018311504	2018312441	2018313636	2018332076
2018332509	2018334393	2018337495	2018344772
2018346602	2018351632	2018360874	2018363274
2018363275	2018370237	2018371784	2018374569
2018379255	2018379395	2018385653	2018391796
2018403208	2018405440	2018442733	2018447669
2018452022	2019201472	2019206370	2019206621
2019207745	2019209386	2019212514	2019214975
2019216878	2019221165	2019221821	2019222770
2019223014	2019223407	2019225972	2019229744
2019231392	2019234759	2019235485	2019237543
2019243434	2019245725	2019246649	2019256453
2019259581	2019263657	2019273057	2019280517
2019281031	2019282657	2019285646	2019289886
2019291296	2019291421	2019295851	2019298755
2019298887	2019304036	2019314181	2019315330
2019324788	2019326534	2019337382	2019339719
2019341602	2019343182	2019345964	2019348188
2019356934	2019357419	2019359872	2019362081
2019363095	2019363569	2019364598	2019370339
2019370667	2019371400	2019373199	2019380605
2019383358	2019386241	2019389145	2019390700
2019399965	2019408423	2019460122	2019466463
2019475409	2020209847	2020211596	2020213110
2020218469	2020220061	2020224278	2020226298
2020256066	2020298899	2020302954	2020312641
2020321715	2020329466	2020337054	2020341323
2020359533	2020378208	2020392595	2021201841
2021204740	2021204861	2021209323	2021224445
2021236483	2021241982	2021243840	2021251557
2021259269	2021261028	2021264542	2021273624
2021276257	2021276290	2021290156	2021292505
2021299978	2021306034	2021337996	2021349932
2021352697	2021353472	2021356885	2021361326
2021367089	2021380126	2021381870	2021398897
2021408990	2021413193	2021414736	2021443414
2021448792	2022202914	2022203027	2022204216
2022204370	2022204488	2022204600	2022209358
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2022226058	2022227213	2022231351	2022233781
2022233818	2022234397	2022234677	2022234725
2022241511	2022242747	2022251025	2022252094
2022252759	2022255143	2022256126	2022259794
2022263460	2022263524	2022263563	2022264377
2022268328	2022272111	2022275499	2022285560
2022291669	2022296129	2022297013	2022297506
2022310062	2022346609	2022368364	2022375661
2022396409	2022397386	2022398616	2022399949
2022404736	2022421282	2023200033	2023200224
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2023201391	2023201802	2023201882	2023202063
2023202891	2023202894	2023203691	2023204072
2023204109	2023204133	2023204175	2023204316
2023204583	2023204702	2023210536	2023210653
2023216787	2023219954	2023226765	2023226784
2023229597	2023233080	2023258456	2023270360
2023278012	2023343801	2023369038	2023387747
2024200687	2024204756		

Revocation

It is hereby notified that as a consequence of a court order dated 17.01.2025 by the Federal Court of New South Wales in proceedings number NSD25/2023, Patent 2018275541 in the name of **Dignity Health** has been revoked in relation to Australian Patent No.

Revocation

2018275541 revoked in accordance with Orders made by Justice Rofe on 17 January 2025. .

Assignments Registered

2006264175 ZBX Corporation The patent has been assigned to **NOWDiagnostics, Inc.**

2006325153 PhysIQ Inc. The patent has been assigned to **PRO-LAIO, INC.**

2013201465 Rayner Surgical (Ireland) Limited The patent has been assigned to **Rayner Intraocular Lenses Limited**

2013222416 Ooyala, Inc. The patent has been assigned to **BRIGHTCOVE INC.**

2013354500 Stork genannt Wersborg, Ingo The patent has been assigned to **InterProduct Consulting GmbH & Co. KG**

2013394097 Andrew Wireless Systems GmbH The patent has been assigned to **CommScope Holdings (Germany) GmbH & Co. KG**

2015261762 QinetiQ Limited The patent has been assigned to **RENK America LLC**

2015282957 Calypso Biotech SA The patent has been assigned to **Novartis Pharma AG**

2015355289 Rayner Surgical (Ireland) Limited The patent has been assigned to **Rayner Intraocular Lenses Limited**

2016202425 Ooyala, Inc. The patent has been assigned to **BRIGHTCOVE INC.**

2016250325 Chiyoda Corporation; Air Products and Chemicals, Inc. The patent has been assigned to **Chiyoda Corporation; Hercules Project Company LLC**

2017215445 15814057 Canada Inc. The patent has been assigned to **GLC IV Trading Co. LLC**

2017265390 QinetiQ Limited The patent has been assigned to **RENK America LLC**

2017301111 Nutrition Science Design Pte. Ltd The patent has been assigned to **Manildra Stock Feeds (Manufacturing) Pty Ltd; New South Wales Sugar Milling Co-operative Limited**

2017301112 Nutrition Science Design Pte. Ltd The patent has been assigned to **Manildra Stock Feeds (Manufacturing) Pty Ltd; New South Wales Sugar Milling Co-operative Limited**

2017353112 QinetiQ Limited The patent has been assigned to **RENK America LLC**

2019101370 Pilbara Conveyor Supplies Pty Ltd The patent has been assigned to **Flexco (Aust) Pty Ltd**

2020205238 Nutrition Science Design Pte. Ltd. The patent has been assigned to **Manildra Stock Feeds (Manufacturing) Pty Ltd; New South Wales Sugar Milling Co-operative Limited**

2020237499 Airtime Network, Inc. The patent has been assigned to **Arx Research, Inc.**

2021107665 Plunge Pool Factory Pty Limited The patent has been assigned to **Salter, Tom**

2021203784 PhysIQ Inc. The patent has been assigned to **PRO-LAIO, INC.**

Assignments Registered

2021236462 PhysIQ Inc. The patent has been assigned to **PRO-LAIO, INC.**

2022100130 Pilbara Conveyor Supplies Pty Ltd The patent has been assigned to **Flexco (Aust) Pty Ltd**

2023201255 QinetiQ Limited The patent has been assigned to **RENK America LLC**

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.

2017289085 **Incyte Corporation**

The earliest first regulatory approval date provided by the patentee 20 Jun 2023

For the goods MINJUVI tafasitamab

Extensions granted

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

2008309383 **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 09 Oct 2033

2015208821 **Pfizer Inc.**

The earliest first regulatory approval date provided by the patentee 17 Jan 2022

For the goods VAXNEUVANCE Pneumococcal 15-valent Conjugate Vaccine

Extension of Term of patent pursuant to Section 77 expires on 17 Jan 2037

2015335941 **AbbVie Inc.**

The earliest first regulatory approval date provided by the patentee 27 Mar 2024

For the goods VYALEV foslevodopa

Extension of Term of patent pursuant to Section 77 expires on 27 Mar 2039

2023233078 **Ohio State Innovation Foundation; Nationwide Children's Hospital, Inc.**

The earliest first regulatory approval date provided by the patentee 04 Mar 2021

For the goods ZOLGENSMA onasemnogene abeparvovec

Extension of Term of patent pursuant to Section 77 expires on 04 Mar 2036

Corrigenda

In Vol 59 , No 4 , Page(s) 543 under the heading **Applications Accepted - Name Index** Delete all reference to 2024227288.

Specifications Republished

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

2017325240 **Chugai Seiyaku Kabushiki Kaisha; F. Hoffmann-La Roche AG**

2017382282 **The Johns Hopkins University**
2018330584 **Daiichi Sankyo Company, Limited**
2018359532 **Allogene Therapeutics, Inc.**

2019233463 **Teijin Limited**

2020333516 **Toddy Tech, LLC**

2020402860 **Egalon, C.**

2021351459 **Graphic Packaging International, LLC**

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AUSTRALIA
Federal Court Rules 2011

Advertisement of Intended Section 105 Amendment

- (a) This advertisement relates to Federal Court Proceedings NSD 1334/2024 Tama Australia Pty Ltd v Parterra Australia Pty Ltd & Cotton Growers Services Pty Ltd.
- (b) The amendments to be sought are specified in the below Statement of Proposed Amendments and attached drawing sheets.
- (c) The patentee's address for service is:

GLMR
PO Box Q1615
Queen Victoria Building NSW 1230
Australia

- (d) A person intending to oppose the application to amend who is not a party to the proceeding mentioned at (a) must, within 28 days after publication of this advertisement, give written notice of that intention to:
- a. the Commissioner; and
 - b. each party to the proceeding mentioned at (a).

Statement of Proposed Amendments – Section 105

Amendment No.	Amendment Type	Description
1.	Drawings	Delete drawing sheets 3/8 and 4/8 currently on file and replace with new drawing sheets 3/8 and 4/8.

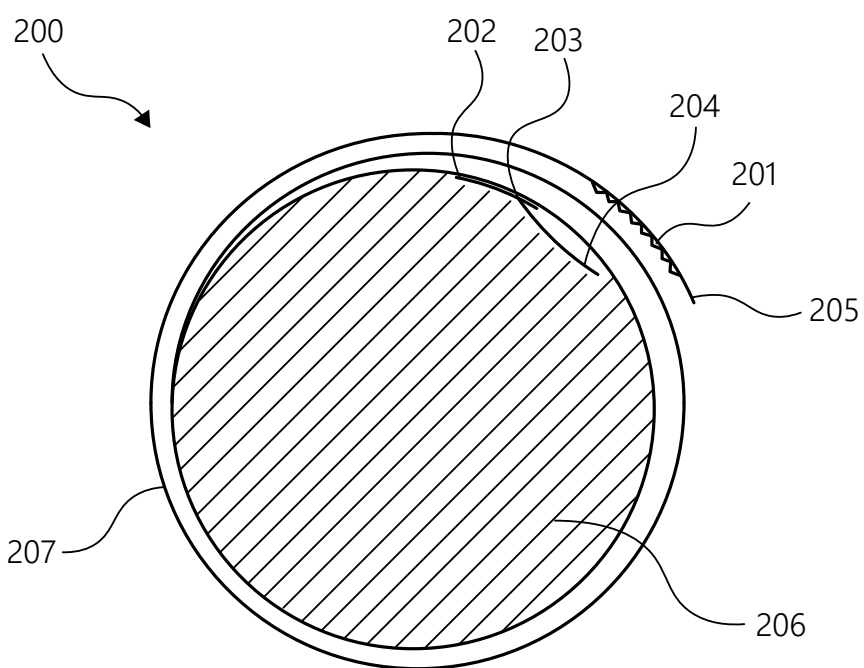


FIG. 2

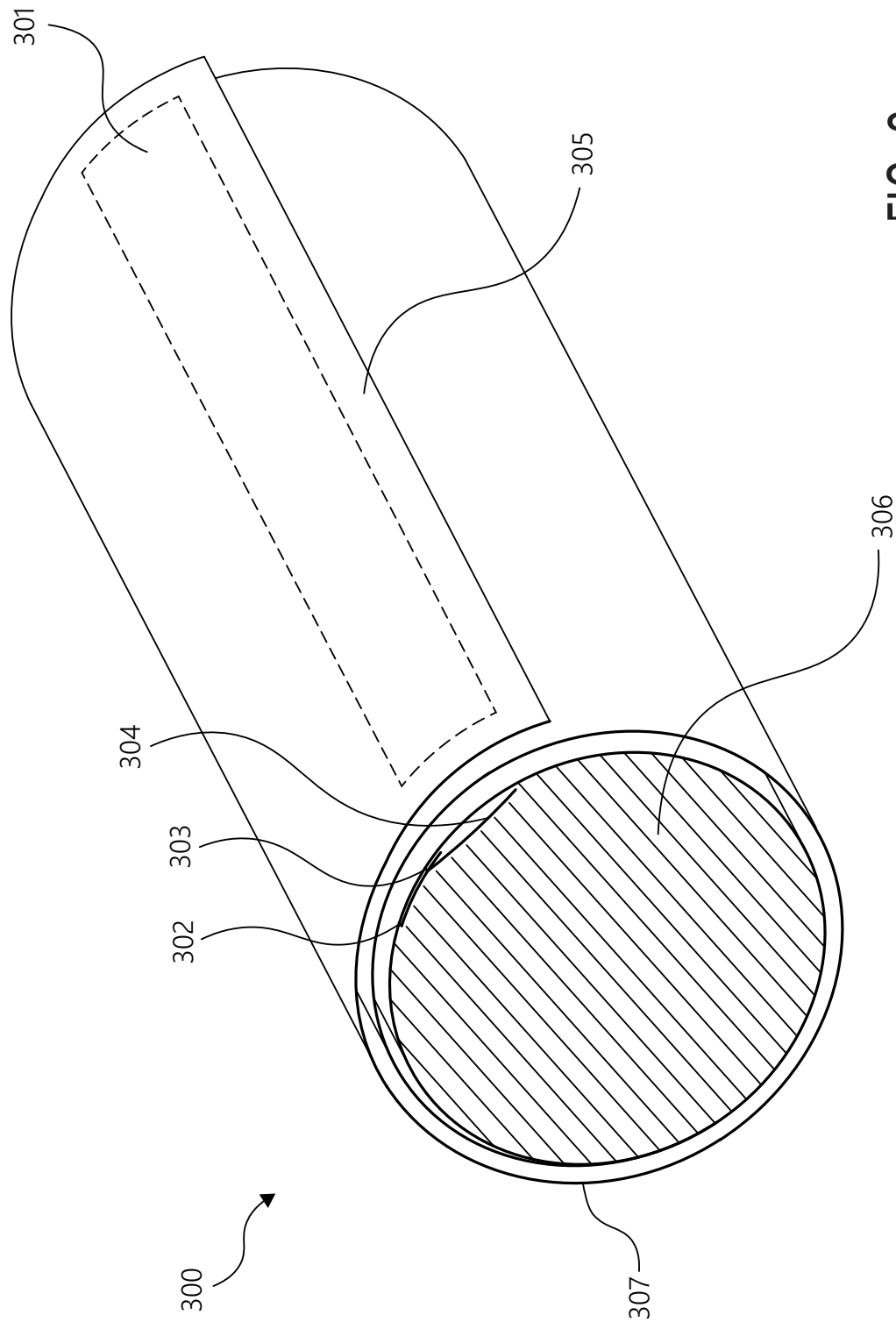


FIG. 3

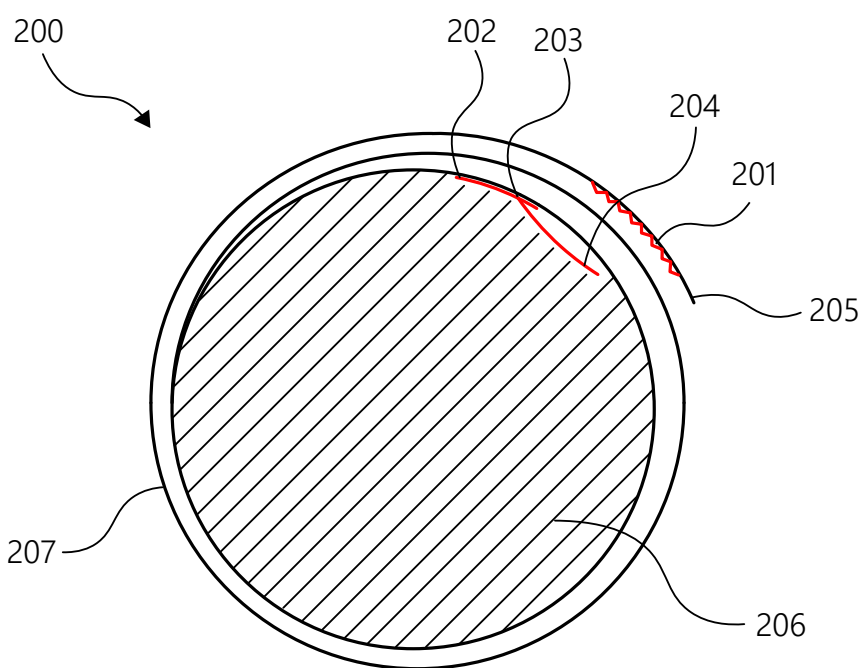


FIG. 2

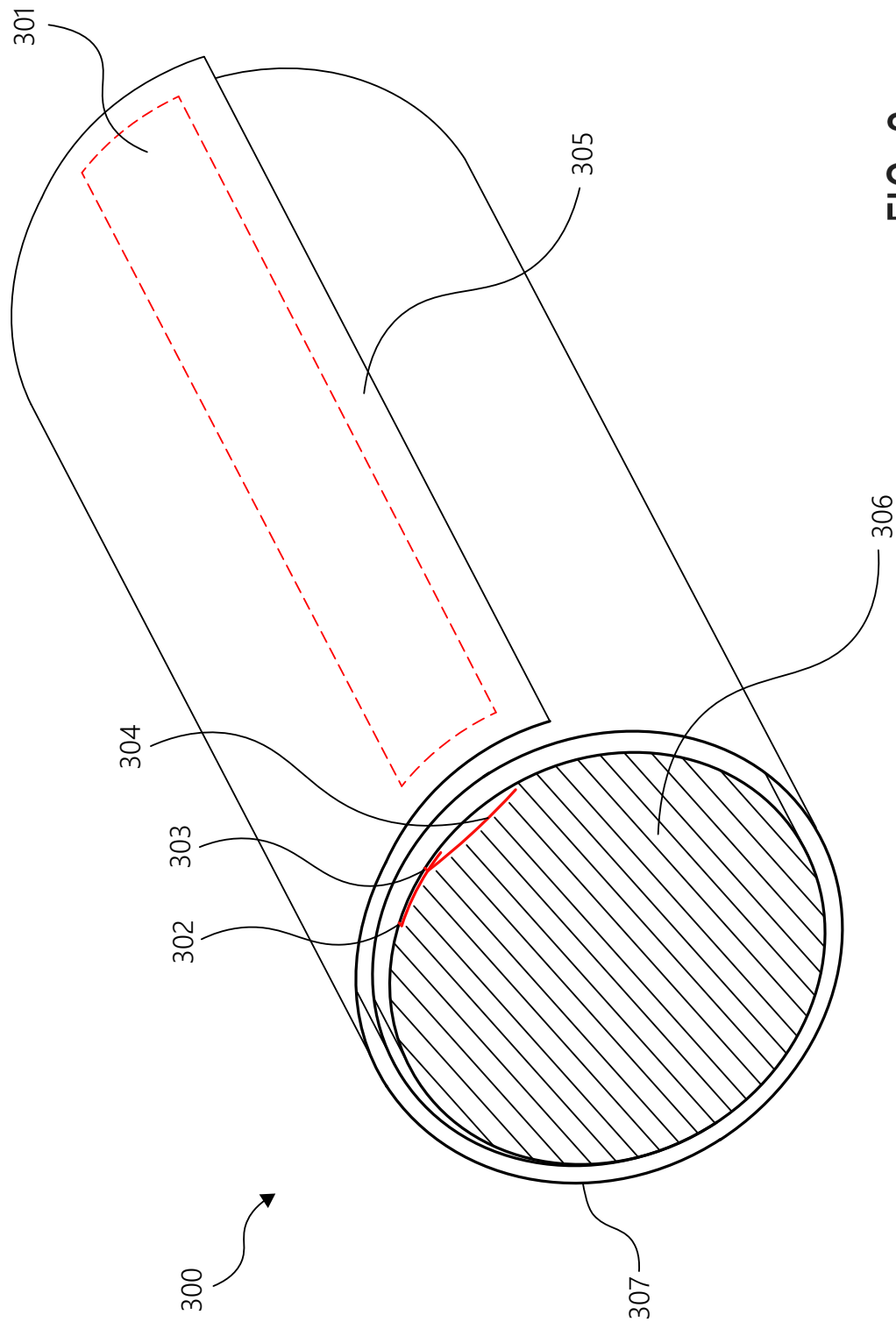


FIG. 3