



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

Contents

General Information & Notices

Amendments

Applications for Amendment	4524
Amendments Made	4525
Alteration of Name(s) of Applicant(s)/Patentee(s)	4527
Notice of Intention to Amend under Section 105 pursuant to the Federal Court Rules	4527

Applications Accepted

Name Index	4586
Numerical Index	4617
IPC Index	4620

Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired	4521
---	------

Applications Open to Public Inspection

Name Index	4529
Numerical Index	4540
IPC Index	4541

Assignments before Grant, Section 113	4522
---	------

Assignments Registered	4628
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Certified Innovation Patents

Name Index	4625
Numerical Index	4626
IPC Index	4627

Complete Applications Filed

Name Index	4511
Numerical Index	4517

Corrigenda	4630
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Discharge of a Mortgage	4629
Extensions of Term of Standard Patents	4629
Extensions of Time, Section 223	4523
Innovation Patent Applications Filed	
Name Index	4519
Numerical Index	4520
Innovation Patents Open to Public Inspection	
Name Index	4543
Numerical Index	4544
IPC Index	4545
PCT applications which have entered the National Phase	
Name Index	4546
Numerical Index	4577
IPC Index	4580
Patents Granted	4628
Mortgages Registered	4629
Provisional Applications Filed	
Name Index	4507
Numerical Index	4510
Specifications Republished	4630

General Information

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

Editorial enquiries

Contact information

Freedom of Information ACT

Professional Standards Board

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Country Codes

Trade Mark and Designs Hearing Sessions

INID (Internationally agreed Numbers for the Identification of Data)

GUIDE TO THE USE OF THIS JOURNAL

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

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

(i) FILING -

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

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

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

(iii) ACCEPTANCE –

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

(iv) OPPOSITION –

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

(v) GRANTING –

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

(vi) CERTIFICATION

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

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

How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

How Australian Patent Documents are Numbered

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

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

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

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

See Examples:

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

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

For each of the categories

(i) Provisional Applications Filed, (ii)

Complete Applications Filed, (iii)

Applications Open to Public Inspection

(iv) Applications Accepted, and (v)

Innovation Patent Certified.

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

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

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

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

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

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

<u>ITEM</u>	<u>INID 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 -

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Ivo Kreca v Grid Powr (Australia) Pty Ltd [2024] APO 32

Patent Application: 2018437560

Title: Process and device for improving of synthesis and/or flue gas velocity field for refuse derived fuel applications

Patent Applicant: Grid Powr (Australia) Pty Ltd (now deregistered)

Requestor: Ivo Kreca

Delegate: Leslie F. McCaffery

Decision Date: 31 July 2024

Hearing Date: Written submissions filed on 26 June 2024.

Catchwords: **PATENTS** – section 36 – request by inventor for declaration on entitlement – applicant voluntarily deregistered – application vested with ASIC – deregistration alleged to have been wrongly done – assignment from inventor to applicant properly made – deregistration does not result in the assignment having no effect – no fiduciary or contractual relationships that would give rise to the requestor having entitlement – ASIC has sole entitlement – request refused – no award of costs required.

Representation: The application is vested with the Australian Securities & Investments Commission (ASIC). ASIC did not appear or make any Submissions.
Patent attorney for the requestor: Jim Piper of Pipers Intellectual Property.

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 23 Jul 2024 .

(71) Adept Aqua Pty Ltd ABN (21) 2024902329 (22) 26.07.2024 (54) Collection of gas from liquid	(71) Alt Materials Pty Ltd (21) 2024902321 (22) 26.07.2024 (54) Leather substitute	CATTO, W. see BEKELAAR, K. (21) 2024902322
(71) Advanced Composite Design Corporation Pty Ltd (21) 2024902294 (22) 23.07.2024 (54) A Method of Forming a Nanocomposite Material by Grinding	(71) Austral Clothes Hoists Pty Ltd (21) 2024902316 (22) 25.07.2024 (54) PORTABLE CLOTHESLINE ASSEMBLY	(71) Cichello, S. (21) 2024902348 (22) 30.07.2024 (54) OxySorb™ - An oil and water-resistant oxygen absorber/ scavenger that is 100% compositable and biodegradable.
(71) Aim Lab Automation Technologies Pty Ltd (21) 2024902349 (22) 30.07.2024 (54) IMPROVED WASHING SYSTEM FOR A PROBE	(71) BEKELAAR, K.; CATTO, W.; LEATHWICK, D.; MACKAY, A. (21) 2024902322 (22) 26.07.2024 (54) ANTHELMINTHIC COMPOSITION	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2024902327 (22) 26.07.2024 (54) Isotopic verification of a geographical location
(71) Aim Lab Automation Technologies Pty Ltd (21) 2024902358 (22) 30.07.2024 (54) TUBE PRINTER	(71) Bello, A. (21) 2024902353 (22) 30.07.2024 (54) Wearable Coolant Apparatus	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2024902340 (22) 29.07.2024 (54) BUBBLE REACTOR
(71) Aim Lab Automation Technologies Pty Ltd (21) 2024902359 (22) 30.07.2024 (54) NON-CONTACT PRINTING	(71) BHP Nickel West Pty Ltd (21) 2024902308 (22) 24.07.2024 (54) Method of extracting metal values from sulfide concentrates	(71) Cronk, B. (21) 2024902302 (22) 24.07.2024 (54) Cell Phone and Computer Call Alert
(71) Aim Lab Automation Technologies Pty Ltd (21) 2024902360 (22) 30.07.2024 (54) SAMPLE LOCKING MECHANISM	(71) Blakers, P. (21) 2024902355 (22) 30.07.2024 (54) Electronic kick drum assembly with additional features	(71) Easternwell Group Investments Pty Ltd (21) 2024902344 (22) 29.07.2024 (54) Snubbing top drive system
(71) Aim Lab Automation Technologies Pty Ltd (21) 2024902361 (22) 30.07.2024 (54) ENGAGEMENT MECHANISM FOR A SAMPLE CONTAINER RACK	(71) Canterpants Pty Ltd (21) 2024902292 (22) 23.07.2024 (54) PROTECTIVE HORSE APPAREL	(71) EMERALD HOME & COMMUNITY CARE PTY. LTD. (21) 2024902301 (22) 24.07.2024 (54) METHOD AND SYSTEM FOR FALL PREVENTION
(71) Algesacooling Pty Ltd (21) 2024902305 (22) 24.07.2024 (54) REFRIGERATION SYSTEM	(71) Carbelec Pty Ltd (21) 2024902288 (22) 23.07.2024 (54) ELECTROLYSIS OF CARBON DIOXIDE TO SOLID CARBON	(71) Environmental Clean Technologies Limited (21) 2024902298 (22) 24.07.2024 (54) Drying Apparatus
	(71) Carbelec Pty Ltd (21) 2024902289 (22) 23.07.2024 (54) Low temperature CO2 reduction	

Provisional Applications Filed - Name Index cont'd

(71) Equipment Placement Group Pty Ltd
(21) 2024902317 (22) 25.07.2024
(54) Mobile industrial machinery charging assembly and arrangement

(71) Faraday, R.
(21) 2024902343 (22) 29.07.2024
(54) Snowboard

(71) Fortescue Ltd
(21) 2024902347 (22) 29.07.2024
(54) Dust seal

(71) Gearon, M.
(21) 2024902299 (22) 24.07.2024
(54) Improvements to wind turbines

(71) Gearon, M.
(21) 2024902304 (22) 24.07.2024
(54) Improvements to wind turbine blade feathering

(71) Gearon, M.
(21) 2024902306 (22) 24.07.2024
(54) Improvements to wind turbine blade assembly durability

(71) Ghost Fire Systems Australia
(21) 2024902283 (22) 23.07.2024
(54) Blank Firing Simulator

(71) GIVETU LTD
(21) 2024902320 (22) 25.07.2024
(54) SYSTEM, METHOD AND ARCHITECTURE FOR CONDUCT OF LOTTERY BASED GAME.

(71) HAIGH, V.G.
(21) 2024902314 (22) 25.07.2024
(54) A STRAW ASSEMBLY FOR USE WITH A DRINK BOTTLE

(71) Illinois Tool Works Inc.
(21) 2024902319 (22) 25.07.2024
(54) Anchor

(71) Infrabuild Wire Pty Ltd
(21) 2024902309 (22) 24.07.2024
(54) Rail Tensioning

(71) Kenah, J.
(21) 2024902295 (22) 23.07.2024
(54) Flat-pack Coffin Design

(71) Laughlin, C.
(21) 2024902339 (22) 29.07.2024
(54) Process to generate electricity by harnessing gravity

LEATHWICK, D. see BEKELAAR, K.
(21) 2024902322

MACKAY, A. see BEKELAAR, K.
(21) 2024902322

(71) Macquarie University
(21) 2024902318 (22) 25.07.2024
(54) Direct Functionalisation of Materials

(71) MG Equipment Limited
(21) 2024902342 (22) 29.07.2024
(54) Grapevine Chippier Attachment Assembly

(71) MORSE MICRO PTY. LTD.
(21) 2024902331 (22) 26.07.2024
(54) Methods and devices for dynamic sub-GigaHertz (S1G) Mesh wireless networks

(71) MORSE MICRO PTY. LTD.
(21) 2024902332 (22) 26.07.2024
(54) Methods and devices for adaptive mesh network configuration

(71) MY LIFE GROUP PTY LTD
(21) 2024902364 (22) 30.07.2024
(54) COLOR CHANGING APPAREL

(71) Navantia Australia Pty Ltd
(21) 2024902275 (22) 22.07.2024
(54) Marine Surface Vessel

(71) newman, k.
(21) 2024902323 (22) 26.07.2024
(54) Blinkers for Bikes

(71) NewSouth Innovations Pty Limited
(21) 2024902293 (22) 23.07.2024
(54) Sensor adapter

(71) Opal Packaging Australia Pty Ltd
(21) 2024902337 (22) 26.07.2024
(54) A METHOD OF FORMING A COATED FIBRE SHEET FOR A PLASTER-BOARD

(71) Osseointegration International Pty Ltd
(21) 2024902325 (22) 26.07.2024
(54) TORQUE LIMITING CONNECTOR DEVICE FOR USE WITH OSSEOINTEGRATION PROSTHETIC LIMB SYSTEMS

(71) Parsonage, H.
(21) 2024902311 (22) 25.07.2024
(54) A Portable Container

(71) Phaslo Global Innovation Pty Ltd
(21) 2024902346 (22) 29.07.2024
(54) DISTRIBUTED INVENTORY MANAGEMENT SYSTEM IMPROVEMENTS

(71) Power, R.
(21) 2024902336 (22) 26.07.2024
(54) Split shank bolt

(71) ResMed Pty Ltd
(21) 2024902315 (22) 25.07.2024
(54) NEUROSTIMULATION SYSTEM AND METHOD

(71) Rim-Lock Innovations Pty Ltd
(21) 2024902324 (22) 26.07.2024
(54) A RETENTION ASSEMBLY AND METHOD OF USE THEREOF

(71) Rollease Acmeda, Inc.
(21) 2024902326 (22) 26.07.2024
(54) Tensioning device

(71) Safecrete Holdings Pty Ltd
(21) 2024902338 (22) 27.07.2024
(54) A METHOD OF DETERMINING THE STRENGTH OF SHOTCRETE

(71) Sarnadsky, H.
(21) 2024902350 (22) 30.07.2024
(54) Vehicular Proximity Warning System

(71) Scolaro, A.
(21) 2024902303 (22) 24.07.2024
(54) A Power Drive

(71) SENSE2 PTY LTD
(21) 2024902290 (22) 23.07.2024
(54) Advanced Boron-Doped Diamond (BDD) Structures for Replacing Liquid Cooling in AI Processors and Components

(71) SENSE2 PTY LTD
(21) 2024902333 (22) 26.07.2024
(54) Advanced Boron-Doped Diamond (BDD) Structures for High-Performance Semiconductor and Electronic Applications

(71) SENSE2 PTY LTD
(21) 2024902334 (22) 26.07.2024
(54) Method and System for Fabricating Advanced Boron-Doped Diamond Structures for High-Performance Semiconductor Applications

Provisional Applications Filed - Name Index cont'd

(71) Silicon Quantum Computing Pty Limited
(21) 2024902307 (22) 24.07.2024
(54) LC filter

(71) STEVENS, N.
(21) 2024902330 (22) 26.07.2024
(54) WATER SOLUBLE ELEMENT FOR
CONSUMPTION BY A CHILD

(71) SURE ENERGY TECHNOLOGIES
PTE. LTD.
(21) 2024902313 (22) 25.07.2024
(54) SYSTEM FOR ARRANGING AND FA-
CILITATING MOBILE CHARGING OF
ELECTRIC VEHICLES

(71) Tait, C.
(21) 2024902328 (22) 26.07.2024
(54) Rear dump truck tray stand with a re-
movable and pivoting clamping mech-
anism for improved safety and stability.

(71) The University of Melbourne
(21) 2024902300 (22) 24.07.2024
(54) A SYSTEM AND METHOD FOR
STORING AND VALIDATING DIGITAL
REPRESENTATIONS OF PHYSICAL
OBJECTS

(71) The University of Sydney
(21) 2024902341 (22) 29.07.2024
(54) Formulation

(71) Topaz Trading Pty Ltd
(21) 2024902335 (22) 26.07.2024
(54) Post support cover assembly

(71) WOOLLER, J.
(21) 2024902312 (22) 25.07.2024
(54) VENDING MACHINE FOR TRANS-
CEIVERS

(71) xprt
(21) 2024902310 (22) 24.07.2024
(54) Gutter Grip Ladder Safety Device

Numerical Index

2024902275	Navantia Australia Pty Ltd	2024902360	Aim Lab Automation Technologies Pty Ltd
2024902283	Ghost Fire Systems Australia	2024902361	Aim Lab Automation Technologies Pty Ltd
2024902288	Carbelec Pty Ltd	2024902364	MY LIFE GROUP PTY LTD
2024902289	Carbelec Pty Ltd		
2024902290	SENSE2 PTY LTD		
2024902292	Canterpants Pty Ltd		
2024902293	NewSouth Innovations Pty Limited		
2024902294	Advanced Composite Design Corporation Pty Ltd		
2024902295	Kenah, J.		
2024902298	Environmental Clean Technologies Limited		
2024902299	Gearon, M.		
2024902300	The University of Melbourne		
2024902301	EMERALD HOME & COMMUNITY CARE PTY. LTD.		
2024902302	Cronk, B.		
2024902303	Scolaro, A.		
2024902304	Gearon, M.		
2024902305	Algesacooling Pty Ltd		
2024902306	Gearon, M.		
2024902307	Silicon Quantum Computing Pty Limited		
2024902308	BHP Nickel West Pty Ltd		
2024902309	Infrabuild Wire Pty Ltd		
2024902310	xprt		
2024902311	Parsonage, H.		
2024902312	WOOLLER, J.		
2024902313	SURE ENERGY TECHNOLOGIES PTE. LTD.		
2024902314	HAIGH, V.G.		
2024902315	ResMed Pty Ltd		
2024902316	Austral Clothes Hoists Pty Ltd		
2024902317	Equipment Placement Group Pty Ltd		
2024902318	Macquarie University		
2024902319	Illinois Tool Works Inc.		
2024902320	GIVETU LTD		
2024902321	Alt Materials Pty Ltd		
2024902322	BEKELAAR, K.; CATTO, W.; LEATHWICK, D.; MACK-AY, A.		
2024902323	newman, k.		
2024902324	Rim-Lock Innovations Pty Ltd		
2024902325	Osseointegration International Pty Ltd		
2024902326	Rollease Acmeda, Inc.		
2024902327	Commonwealth Scientific and Industrial Research Organisation		
2024902328	Tait, C.		
2024902329	Adept Aqua Pty Ltd ABN		
2024902330	STEVENS, N.		
2024902331	MORSE MICRO PTY. LTD.		
2024902332	MORSE MICRO PTY. LTD.		
2024902333	SENSE2 PTY LTD		
2024902334	SENSE2 PTY LTD		
2024902335	Topaz Trading Pty Ltd		
2024902336	Power, R.		
2024902337	Opal Packaging Australia Pty Ltd		
2024902338	Safecrete Holdings Pty Ltd		
2024902339	Laughlin, C.		
2024902340	Commonwealth Scientific and Industrial Research Organisation		
2024902341	The University of Sydney		
2024902342	MG Equipment Limited		
2024902343	Faraday, R.		
2024902344	Easternwell Group Investments Pty Ltd		
2024902346	Phaslo Global Innovation Pty Ltd		
2024902347	Fortescue Ltd		
2024902348	Cichello, S.		
2024902349	Aim Lab Automation Technologies Pty Ltd		
2024902350	Sarnadsky, H.		
2024902353	Bello, A.		
2024902355	Blakers, P.		
2024902358	Aim Lab Automation Technologies Pty Ltd		
2024902359	Aim Lab Automation Technologies Pty Ltd		

Complete Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 23 Jul 2024 .

. (*) Title not in Roman characters

. (**) Title not given

(71) 2308134 Ontario Inc. (21) 2024205192 (22) 29.07.2024 (54) System and method for brokering the publication of media content	(54) Branched amino acid surfactants for electronics products	(71) Aristocrat Technologies Australia Pty Limited (21) 2024205110 (22) 25.07.2024 (54) A GAMING SYSTEM AND A METHOD OF GAMING
(71) 4S-Silversword Software and Services, LLC (21) 2024205149 (22) 26.07.2024 (54) Multicore fiber optic gyro	(71) Altronic Distributors Pty Ltd (21) 2024205174 (22) 29.07.2024 (54) Bracket	(71) Aristocrat Technologies Australia Pty Limited (21) 2024205111 (22) 25.07.2024 (54) A Gaming System and Method of Gaming
(71) Abilita Bio, Inc. (21) 2024205179 (22) 29.07.2024 (54) Methods and platform for preparing multispinning membrane proteins	(71) AmTote International Inc. (21) 2024205123 (22) 26.07.2024 (54) Systems and methods of biomechanical evaluation of athletic performance	(71) Aristocrat Technologies Australia Pty Limited (21) 2024205148 (22) 26.07.2024 (54) Method, device, and system for gaming
(71) Abiomed, Inc. (21) 2024205216 (22) 30.07.2024 (54) Guidewire access sleeve	(71) Angel Group Co., Ltd. (21) 2024205041 (22) 23.07.2024 (54) FRAUD DETECTION SYSTEM IN CASINO	(71) Aristocrat Technologies Australia Pty Limited (21) 2024205211 (22) 30.07.2024 (54) ATMOSPHERIC PLASMA FILTER
(71) ABL Bio, Inc.; LigaChem Biosciences Inc. (21) 2024205092 (22) 25.07.2024 (54) ANTIBODY-DRUG CONJUGATE COMPRISING ANTIBODY AGAINST HUMAN ROR1, AND USE FOR THE SAME	(71) Angel Group Co., Ltd. (21) 2024205094 (22) 25.07.2024 (54) Game table reading system	(71) Atmospheric Plasma Solutions, Inc. (21) 2024205120 (22) 26.07.2024 (54) CARD-CENTERED ABNORMALITY DETECTION SYSTEM USING CAMERA AND SHOE
(71) Acceleron Pharma Inc. (21) 2024205045 (22) 24.07.2024 (54) TGF-beta receptor type II fusion proteins and uses thereof	(71) Angel Group Co., Ltd. (21) 2024205140 (22) 26.07.2024 (54) Fraudulence monitoring system of table game and fraudulence monitoring program of table game	(71) Attabotics Inc (21) 2024205103 (22) 25.07.2024 (54) MULTI-ZONE AUTOMATED STORAGE AND RETRIEVAL SYSTEM
(71) Adamas Pharma, LLC (21) 2024205201 (22) 30.07.2024 (54) Amantadine compositions, preparations thereof, and methods of use	(71) Angel Group Co., Ltd. (21) 2024205208 (22) 30.07.2024 (54) FRAUD DETECTION SYSTEM IN CASINO	(71) Aurigene Oncology Limited (21) 2024205090 (22) 25.07.2024 (54) Methods of use for trisubstituted benzotriazole derivatives as dihydroorotate oxygenase inhibitors
(71) Adobe Inc. (21) 2024205088 (22) 25.07.2024 (54) GENERATING NON-DESTRUCTIVE SYNTHETIC LENS BLUR WITH IN-FOCUS EDGE RENDERING	(71) Apple Inc. (21) 2024205134 (22) 26.07.2024 (54) Watch theater mode	(71) B1 INSTITUTE OF IMAGE TECHNOLOGY, INC. (21) 2024205160 (22) 29.07.2024 (54) Image encoding/decoding method and device
(71) Advanced Ground Solutions Pty Ltd (21) 2024205070 (22) 24.07.2024 (54) IMPROVED FOOTING PLATE	(71) Apple Inc. (21) 2024205135 (22) 26.07.2024 (54) User interface for manipulating user interface objects	(71) B1 INSTITUTE OF IMAGE TECHNOLOGY, INC. (21) 2024205171 (22) 29.07.2024 (54) Image encoding/decoding method and device
(71) AdvanSix Resins & Chemicals LLC (21) 2024205104 (22) 25.07.2024	(71) Apple Inc. (21) 2024205162 (22) 29.07.2024 (54) User interfaces for managing controllable external devices	(71) B1 INSTITUTE OF IMAGE TECHNOLOGY, INC. (21) 2024205173 (22) 29.07.2024 (54) Image encoding/decoding method and device

Complete Applications Filed - Name Index cont'd

(71) Baby Generation, Inc.
(21) 2024205051 (22) 24.07.2024
(54) CONVERTIBLE INFANT CHAIR ASSEMBLY

(71) BicycleTx Limited
(21) 2024205105 (22) 25.07.2024
(54) Heterotandem bicyclic peptide complexes

(71) Bioverativ Therapeutics Inc.
(21) 2024205200 (22) 30.07.2024
(54) Factor VIII chimeric proteins and uses thereof

(71) Brunswick Corporation
(21) 2024205218 (22) 30.07.2024
(54) Electric linear actuator with anti-back-drive mechanism

(71) Canva Pty Ltd
(21) 2024205224 (22) 30.07.2024
(54) Systems and methods for automatically generating designs

Capricor, Inc. see Cedars-Sinai Medical Center
(21) 2024205194

(71) CATERPILLAR INC.
(21) 2024205102 (22) 25.07.2024
(54) ADDITIONAL COOLING PACK WITH FANS TO HANDLE AND PEAK SHAVE FUEL CELL TRANSIENTS AND HIGH AMBIENT TEMPERATURES

(71) Cedars-Sinai Medical Center; Capricor, Inc.
(21) 2024205194 (22) 30.07.2024
(54) Methods and compositions for treating skeletal muscular dystrophy

(71) Centre for Aromatic Plants (CAP)
(21) 2024205101 (22) 25.07.2024
(54) Anti-dandruff activity of artemisia vulgaris essential oil

(71) Compagnie Engrenages et Reducteurs-Messian-Durand
(21) 2024205053 (22) 24.07.2024
(54) Torque limiter, corresponding transmission assembly and use

(71) Connected Innovations Limited
(21) 2024205093 (22) 25.07.2024
(54) Electrical safety device and system

(71) Creatv MicroTech, Inc.
(21) 2024205081 (22) 25.07.2024

(54) Methods of using giant cell nucleic acid characterization in cancer screening, diagnostics, treatment and recurrence

(71) Cylite Pty Ltd
(21) 2024205080 (22) 25.07.2024
(54) Optical Coherence Metrology and Tomography with Improved Registration

(71) Dahiya, V.; Singh, A.; Singh, A.
(21) 2024205154 (22) 28.07.2024
(54) A Reward Based System and Method to Motivate Children to Complete Tasks Using an Interactive Platform

(71) Deere & Company
(21) 2024205048 (22) 24.07.2024
(54) Box blade

(71) Desertmaster Intellectual Property Pty Ltd
(21) 2024205176 (22) 29.07.2024
(54) Panel connection in caravans and recreational vehicles

(71) Dolby International AB
(21) 2024205189 (22) 29.07.2024
(54) Packet loss concealment

(71) Editas Medicine, Inc.
(21) 2024205204 (22) 30.07.2024
(54) Synthetic guide molecules, compositions and methods relating thereto

(71) Element Biosciences, Inc.
(21) 2024205076 (22) 24.07.2024
(54) High performance fluorescence imaging module for genomic testing assay

(71) EndoProtech, Inc.
(21) 2024205066 (22) 24.07.2024
(54) TREATING MICROVASCULAR DYSFUNCTION

(71) ENVIZ CO PTY LTD
(21) 2024205126 (22) 26.07.2024
(54) TECHNOLOGY CONFIGURED TO FACILITATE CLIENT DEVICE ENGAGEMENT WITH THREE-DIMENSIONAL ARCHITECTURAL MODELS

(71) EpinovaTech AB
(21) 2024205097 (22) 25.07.2024
(54) A VERTICAL HEMT AND A METHOD TO PRODUCE A VERTICAL HEMT

(71) EVFSS Holdings Pty Ltd
(21) 2024205052 (22) 24.07.2024
(54) FIRE SUPPRESSION ARRANGEMENT

(71) Feeling Wood Ltd
(21) 2024205068 (22) 24.07.2024
(54) Snap-In Member, Assembled Decking Combination And Method Of Assembling Decking

(71) Fisher & Paykel Healthcare Limited
(21) 2024205172 (22) 29.07.2024
(54) PATIENT INTERFACE AND ASPECTS THEREOF

(71) Flexopack S.A.
(21) 2024205112 (22) 26.07.2024
(54) MULTILAYER FILM

(71) FluGen, Inc.
(21) 2024205064 (22) 24.07.2024
(54) Influenza B virus mutants and uses therefor

(71) FMC Technologies, Inc.
(21) 2024205196 (22) 30.07.2024
(54) SUBMERSIBLE REMOTE OPERATED VEHICLE TOOL CHANGE CONTROL

(71) Fresh Inset S.A.
(21) 2024205079 (22) 24.07.2024
(54) Compositions and articles comprising complexes of 1-methylcyclopropene and alpha-cyclodextrin

(71) G1 Therapeutics, Inc.
(21) 2024205055 (22) 24.07.2024
(54) G1T38 superior dosage regimes

(71) GC Corporation
(21) 2024205210 (22) 30.07.2024
(54) Dripping container cover

(71) Genzyme Corporation
(21) 2024205057 (22) 24.07.2024
(54) Site-specific glycoengineering of targeting moieties

(71) Geomni, Inc.
(21) 2024205074 (22) 24.07.2024
(54) Systems and methods for lean ortho correction for computer models of structures

(71) Gilead Sciences, Inc.
(21) 2024205205 (22) 30.07.2024
(54) Methods for treating SARS CoV-2 infections

(71) Glass Processing Solutions, LLC D/B/A Sioneer
(21) 2024205143 (22) 26.07.2024

Complete Applications Filed - Name Index cont'd

(54) Activated Glass Pozzolan

(71) Gold Jack
(21) 2024205091 (22) 25.07.2024
(54) New Table Card Game

(71) GT Systems Pty Ltd; GT SYSTEMS PTY LTD
(21) 2024205145 (22) 26.07.2024
(54) Media Distribution and Management System and Apparatus

GT SYSTEMS PTY LTD see GT Systems Pty Ltd
(21) 2024205145

(71) Hainan Xingshengjia Technology Trading Co., Ltd.
(21) 2024205121 (22) 26.07.2024
(54) Spliced And Stay-In-Place Wall Formwork Structure And Connector And Assembly Method Thereof

(71) Halliburton Energy Services, Inc.
(21) 2024205117 (22) 26.07.2024
(54) Aligning two parts of a tubular assembly

(71) Hopkins, C.
(21) 2024205071 (22) 24.07.2024
(54) Kinetic Energy Harvesting System with Electrical Generator for Motion-based Electrical Power Generation

(71) Huawei Technologies Co., Ltd.
(21) 2024205040 (22) 23.07.2024
(54) Video data inter prediction method and apparatus

(71) Huawei Technologies Co., Ltd.
(21) 2024205044 (22) 24.07.2024
(54) MULTI-LINK ESTABLISHMENT METHOD AND COMMUNICATION APPARATUS

(71) Huawei Technologies Co., Ltd.
(21) 2024205096 (22) 25.07.2024
(54) CHANNEL CONTENTION METHOD AND RELATED APPARATUS

(71) Huawei Technologies Co., Ltd.
(21) 2024205199 (22) 30.07.2024
(54) Multi-channel signal encoding method and encoder

(71) I911 International, Inc.
(21) 2024205166 (22) 29.07.2024
(54) SYSTEM FOR SEAMLESSLY TRACKING A WATER VESSEL USING SATELLITE AND MOBILE DATA

(71) ICU Medical, Inc.
(21) 2024205073 (22) 24.07.2024
(54) Drug library management system

(71) Illumina, Inc.
(21) 2024205075 (22) 24.07.2024
(54) Modified Transposases For Improved Insertion Sequence Bias And Increased DNA Input Tolerance

(71) Illumina, Inc.
(21) 2024205108 (22) 25.07.2024
(54) Bioinformatics systems, apparatus, and methods for performing secondary and/or tertiary processing

(71) ImmunityBio, Inc.
(21) 2024205098 (22) 25.07.2024
(54) Chimeric antigen receptor-modified NK-92 cells

(71) Incyte Corporation
(21) 2024205042 (22) 24.07.2024
(54) Anti-CD19 antibody formulations

(71) Inolex Investment Corporation
(21) 2024205085 (22) 25.07.2024
(54) Potassium hydrogen salts of alkylhydroxamates and compositions comprising the same

(71) Institute of Geology and Geophysics, Chinese Academy of Sciences
(21) 2024205184 (22) 29.07.2024
(54) Large-Scale Denudation Depth Thematic Mapping Method

(71) Instrumentation Laboratory Company
(21) 2024205186 (22) 29.07.2024
(54) SPATIAL SEPARATION OF PARTICLES IN A PARTICLE CONTAINING SOLUTION FOR BIOMEDICAL SENSING AND DETECTION

Intellia Therapeutics, Inc. see Novartis AG
(21) 2024205089

(71) International Business Machines Corporation
(21) 2024205107 (22) 25.07.2024
(54) Quantum device facilitating suppression of ZZ interactions between two-junction superconducting qubits

(71) Intuit Inc.
(21) 2024205202 (22) 30.07.2024
(54) Dynamically generating user interfaces based on machine learning models

(71) Intuit Inc.
(21) 2024205203 (22) 30.07.2024
(54) Token based approach for providing certified reviews on third-party review services

(71) ITALGAS RETI S.P.A.
(21) 2024205137 (22) 26.07.2024
(54) GAS METER AND RELATED MEASUREMENT TRANSMISSION METHOD

(71) Itron Global SARL
(21) 2024205147 (22) 26.07.2024
(54) Message correction and dynamic correction adjustment for communication systems

(71) Janssen Biopharma, Inc.
(21) 2024205223 (22) 30.07.2024
(54) GalNAc derivatives

(71) JKH Health Co., Ltd.
(21) 2024205161 (22) 29.07.2024
(54) Portable system and device for cold therapy with optional heat and compression therapy

(71) JRR Corporation Pty Ltd
(21) 2024205129 (22) 26.07.2024
(54) BUILDING ELEVATING SYSTEM

(71) Kenneth R Moras Pty Ltd
(21) 2024205095 (22) 25.07.2024
(54) A reusable bin assembly

(71) Levicept Limited
(21) 2024205039 (22) 23.07.2024
(54) Therapeutic use of P75NTR neurotrophin binding protein

(71) LG Electronics Inc.
(21) 2024205198 (22) 30.07.2024
(54) IMAGE CODING APPARATUS AND METHOD BASED ON SUB-PICTURE

(71) LG Electronics Inc.
(21) 2024205212 (22) 30.07.2024
(54) Refrigerator

(71) LG ELECTRONICS INC.
(21) 2024205082 (22) 25.07.2024
(54) CLOTHING TREATMENT DEVICE

(71) LG Energy Solution, LTD.
(21) 2024205059 (22) 24.07.2024
(54) Multilayer nanoporous separator

Complete Applications Filed - Name Index cont'd

(71) LifeCell Corporation
(21) 2024205150 (22) 26.07.2024
(54) Adipose tissue products and methods of production

LigaChem Biosciences Inc. see ABL Bio, Inc.

(21) 2024205092

(71) LOCKHEED MARTIN CORPORATION
(21) 2024205141 (22) 26.07.2024
(54) SYSTEMS AND METHODS FOR A CHARGING CART OF A WIRELESS HARNESS AUTOMATED MEASUREMENT SYSTEM

(71) LYU, W.
(21) 2024205152 (22) 26.07.2024
(54) Non-sensing intelligent brainwave regulating sleep management system

(71) Magnolia Medical Technologies, Inc.
(21) 2024205062 (22) 24.07.2024
(54) FLUID CONTROL DEVICES AND METHODS OF USING THE SAME

(71) MAKO Surgical Corp.
(21) 2024205157 (22) 29.07.2024
(54) Systems and methods for guiding movement of a tool

(71) Marjanovic, V.
(21) 2024205181 (22) 29.07.2024
(54) Organic Foot, Elbow and Cuticle Cream

(71) Mars, Incorporated
(21) 2024205119 (22) 26.07.2024
(54) Reconstituted cereal-legume kernels

(71) May, S.
(21) 2024205056 (22) 24.07.2024
(54) AN IMPROVED ROOFTOP TENT ASSEMBLY FOR VEHICLES

(71) Medicines360
(21) 2024205106 (22) 25.07.2024
(54) IUD insertion devices, and related methods and kits therefor

Merck Sharp & Dohme Animal Health, S.L. see S.C.R. [Engineers] Limited
(21) 2024205151

(71) MICROVASCULAR THERAPEUTICS LLC
(21) 2024205163 (22) 29.07.2024
(54) COMPOSITIONS AND METHODS OF DETECTING AND TREATING ALZHEIMER'S DISEASE

(71) MJNN LLC
(21) 2024205197 (22) 30.07.2024
(54) Grow tower processing for controlled environment agriculture system

(71) Murray & Poole Enterprises, Ltd.
(21) 2024205084 (22) 25.07.2024
(54) Treatment or prevention of cardiovascular events via the administration of a colchicine derivative

(71) Murray and Poole Enterprises Limited
(21) 2024205185 (22) 29.07.2024
(54) Sustained-release formulations of colchicine and methods of using same

(71) Noria Energy
(21) 2024205217 (22) 30.07.2024
(54) Floating solar photovoltaic array with on-board energy management system for controlling and powering inflatable support pontoons

(71) Novartis AG
(21) 2024205050 (22) 24.07.2024
(54) Antiviral pyridopyrazinedione compounds

(71) Novartis AG; Intellia Therapeutics, Inc.
(21) 2024205089 (22) 25.07.2024
(54) Compositions and methods for the treatment of hemoglobinopathies

(71) NOVARTIS AG
(21) 2024205058 (22) 24.07.2024
(54) AMINOPYRIDINE DERIVATIVES AND THEIR USE AS SELECTIVE ALK-2 INHIBITORS

(71) Nowakowski, K.
(21) 2024205100 (22) 25.07.2024
(54) Multi-Glazed Window Assembly And Retrofit Method Of Forming Same

(71) OFFICINE MACCAFERRI S.P.A.
(21) 2024205113 (22) 26.07.2024
(54) SYSTEM AND METHOD FOR MONITORING HYDROGEOLOGICAL RISK

(71) OilQuick Deutschland KG
(21) 2024205065 (22) 24.07.2024
(54) QUICK COUPLING SYSTEM

(71) OligoScience Technology GmbH
(21) 2024205177 (22) 29.07.2024
(54) Use of human milk oligosaccharides in calves fattening

(71) Onconova Therapeutics, Inc.
(21) 2024205164 (22) 29.07.2024
(54) Formulation of (E)-2,4,6-trimethoxystyryl-3-[(carboxymethyl)amino]-4-methoxybenzylsulphone with enhanced stability and bioavailability

(71) Paradigm BioPharmaceuticals Ltd
(21) 2024205072 (22) 24.07.2024
(54) Treatment of pain with polysulfated polysaccharides

(71) POVIVA CORP.
(21) 2024205127 (22) 26.07.2024
(54) COMPOSITIONS AND METHODS FOR TREATING EPILEPSY

(71) Precision Biosciences, Inc.
(21) 2024205047 (22) 24.07.2024
(54) Genetically-modified cells comprising a modified human T cell receptor alpha constant region gene

(71) Regeneron Pharmaceuticals, Inc.
(21) 2024205046 (22) 24.07.2024
(54) CYCLODEXTRIN PROTEIN DRUG CONJUGATES

(71) Regeneron Pharmaceuticals, Inc.
(21) 2024205167 (22) 29.07.2024
(54) DEVICES AND SYSTEMS FOR CHROMATOGRAPHY COLUMN BED SUPPORT MANAGEMENT AND RELATED METHODS

(71) Research Triangle Institute
(21) 2024205077 (22) 24.07.2024
(54) Solid-State Crystallization Of Metal Organic Frameworks Within Mesoporous Materials Methods And Hybrid Materials Thereof

(71) Rheem Australia Pty Limited
(21) 2024205122 (22) 26.07.2024
(54) A SYSTEM, APPARATUS AND METHOD FOR EFFICIENT USE OF SOLAR PHOTOVOLTAIC ENERGY

(71) Ripsnorter Investments
(21) 2024205083 (22) 25.07.2024
(54) Perforated Pizza Box - 12"

(71) RMEE Consolidated Industries
(21) 2024205156 (22) 28.07.2024
(54) Remote mount EDC manifold for pump and away Danfoss Hydraulic pump Series T90 , 20 , 40 , 46 , 90 and S42

(71) RR Medical Pty Ltd
(21) 2024205142 (22) 26.07.2024
(54) Acetabular Cup Liner

Complete Applications Filed - Name Index cont'd

(71) S.C.R. [Engineers] Limited; Merck Sharp & Dohme Animal Health, S.L. (21) 2024205151 (22) 26.07.2024 (54) A system and method for estimating greenhouse gas emissions in an environment housing an animal population	(71) Shire Human Genetic Therapies, Inc. (21) 2024205165 (22) 29.07.2024 (54) CNS DELIVERY OF MRNA AND USES THEREOF	(54) Multiple spring wire-form retention socket
(71) Schneider Electric Industries SAS (21) 2024205169 (22) 29.07.2024 (54) ELECTRICAL PROTECTION DEVICE CONFIGURED TO AUTOMATICALLY DETERMINE A CAUSE OF AN ELECTRICAL CIRCUIT OPENING AND ASSOCIATED METHOD	(71) Signcomplex Limited (21) 2024205130 (22) 26.07.2024 (54) LIGHT STRIP CONNECTING ASSEMBLY AND LIGHT STRIP USING SAME	(71) Social Remedy Holdings Pty Ltd (21) 2024205175 (22) 29.07.2024 (54) Process for nurturing the mind, body and spirit.
(71) Schneider Electric Systems USA, Inc. (21) 2024205153 (22) 27.07.2024 (54) METHODS AND SYSTEMS FOR ADDING TARGETED MESSAGES	(71) Signcomplex Limited (21) 2024205131 (22) 26.07.2024 (54) SILICA GEL COEXTRUSION MOLD FOR LED LIGHT STRIP, AND LED LIGHT STRIP	(71) Southern Cross Patents Pty Ltd (21) 2024205067 (22) 24.07.2024 (54) Pedicle screws
(71) Seattle Children's Hospital (dba Seattle Children's Research Institute) (21) 2024205049 (22) 24.07.2024 (54) Early intervention methods to prevent or ameliorate toxicity	(71) Signcomplex Limited (21) 2024205132 (22) 26.07.2024 (54) SURFACE MOUNTED EXTRUSION STRUCTURE AND LED LIGHT STRIP HAVING SAME	(71) Southern Ropes (Pty) Limited (21) 2024205195 (22) 30.07.2024 (54) Shackle and Method of Assembly
(71) Selig Sealing Products, Inc. (21) 2024205063 (22) 24.07.2024 (54) Grip enhancements for tabbed seal	(71) SILK AND SNOW INC. (21) 2024205146 (22) 26.07.2024 (54) HEADBOARD AND BED FRAME ASSEMBLY	(71) SUCCESS BIO-TECH CO., LTD. (21) 2024205144 (22) 26.07.2024 (54) CROSSLINKED AMNIOTIC MEMBRANE MATERIAL, PREPARATION METHOD THEREFORE, AND APPLICATIONS THEREOF
(71) SENSE2 PTY LTD (21) 2024205109 (22) 25.07.2024 (54) Method and System for Fabricating Advanced Boron-Doped Diamond Structures for High-Performance Semiconductor Applications	(71) Singh, A. see Dahiya, V. (21) 2024205154	(71) Sungrow Power Supply Co., Ltd. (21) 2024205214 (22) 30.07.2024 (54) Fault detection method and fault protection method for power conversion system, and power conversion system
(71) SENSE2 PTY LTD (21) 2024205155 (22) 28.07.2024 (54) Advanced Boron-Doped Diamond Structures for High-Performance Semiconductor and Electronic Applications	(71) Singh, A. see Dahiya, V. (21) 2024205154	(71) Technological Resources Pty. Limited (21) 2024205125 (22) 26.07.2024 (54) A SYSTEM AND METHOD FOR THE AUTONOMOUS DRILLING OF GROUND HOLES
(71) Sheltered Wings, Inc. d/b/a Vortex Optics (21) 2024205087 (22) 25.07.2024 (54) Turret with a zero stop	(71) Sino International Group Ltd. (21) 2024205086 (22) 25.07.2024 (54) BEADSTEAD	(71) Technological Resources Pty Ltd (21) 2024205193 (22) 29.07.2024 (54) A method of, and a system for, controlling a drilling operation
(71) Shen Zhen Biorocks Biotechnology Company Limited (21) 2024205115 (22) 26.07.2024 (54) A chemical delivery system	(71) Skechers U.S.A., Inc. II (21) 2024204816 (22) 12.07.2024 (54) Footwear counter for easier entry and removal	(71) Techtronic Cordless GP (21) 2024205138 (22) 26.07.2024 (54) Cleaning device
(71) Shen Zhen Biorocks Biotechnology Company Limited (21) 2024205116 (22) 26.07.2024 (54) A chemical delivery method	(71) Smith & Nephew, Inc.; Smith & Nephew Orthopaedics AG; Smith & Nephew Asia Pacific Pte. Limited (21) 2024205170 (22) 29.07.2024 (54) Orthopedic broach	(71) Telix Innovations S.A. (21) 2024205118 (22) 26.07.2024 (54) Kit for radiolabelling with 68GA comprising a metal inhibitor
	(71) Smith & Nephew Asia Pacific Pte. Limited see Smith & Nephew, Inc. (21) 2024205170	(71) Tencent America LLC (21) 2024205187 (22) 29.07.2024 (54) SIGNALING OF ADAPTIVE PICTURE SIZE IN VIDEO BITSTREAM
	(71) Smith & Nephew Orthopaedics AG see Smith & Nephew, Inc. (21) 2024205170	(71) Tenshi Kaizen Private Limited (21) 2024205054 (22) 24.07.2024 (54) Cannabidiol orally disintegrating tablets
	(71) Snap-on Incorporated (21) 2024205114 (22) 26.07.2024	

Complete Applications Filed - Name Index cont'd

(71) The Boeing Company
 (21) 2024205124 (22) 26.07.2024
 (54) Nanomagnet for spin-based quantum-dot qubit

(71) Weihai Tiante Intelligent Technology Co., Ltd.
 (21) 2024205099 (22) 25.07.2024
 (54) Intelligent towing robot

(71) THE GILLETTE COMPANY LLC
 (21) 2024205182 (22) 29.07.2024
 (54) SOUND, USE OF A SOUND, PERSONAL CARE IMPLEMENT EXHIBITING A SOUND, AND USE OF A CONNECTOR FOR PROVIDING A SOUND

(71) Werner Co.
 (21) 2024205128 (22) 26.07.2024
 (54) Scaffold and Methods

(71) The United States of America, as represented by the Secretary, Department of Health and Human Services
 (21) 2024205043 (22) 24.07.2024
 (54) Chimeric antigen receptors targeting CD-19

(71) Whirlpool Corporation
 (21) 2024205060 (22) 24.07.2024
 (54) Cord Holder For A Kitchen Appliance

(71) Tyaglin, D.
 (21) 2024205178 (22) 29.07.2024
 (54) Power Generator

(71) WIREMAN PTY LIMITED
 (21) 2024205183 (22) 29.07.2024
 (54) A Tension Board for Straining Wire Meshes

(71) UFUN AUSTRALIA PTY LTD
 (21) 2024205188 (22) 29.07.2024
 (54) A VIBRATOR STRUCTURE OF A SHALLOW NEEDLING INSTRUMENT

(71) YETI Coolers, LLC
 (21) 2024205133 (22) 26.07.2024
 (54) Container and method of forming a container

(71) UFUN AUSTRALIA PTY LTD
 (21) 2024205190 (22) 29.07.2024
 (54) A MULTI-DIMENSIONAL FEATURE ACQUISITION DEVICE FOR ACQUIRING THE FEATURES OF SHALLOW-NEEDLE ACUPUNCTURE TECHNIQUES

(71) YETI Coolers, LLC
 (21) 2024205136 (22) 26.07.2024
 (54) Container and method of forming a container

(71) UFUN AUSTRALIA PTY LTD
 (21) 2024205191 (22) 29.07.2024
 (54) A CONTROL DEVICE OF A SHALLOW NEEDLING INSTRUMENT, AS WELL AS A SYSTEM AND A METHOD FOR SIMULATING THE FEATURES OF SHALLOW-NEEDLE ACUPUNCTURE TECHNIQUES

(71) Yoon, S.
 (21) 2024205168 (22) 29.07.2024
 (54) MEDICAL MESH ASSEMBLY

(71) Ultima Genomics, Inc.
 (21) 2024205158 (22) 29.07.2024
 (54) METHODS, DEVICES, AND SYSTEMS FOR ANALYTE DETECTION AND ANALYSIS

(71) Zhejiang Yotrio Group Co., Ltd
 (21) 2024205180 (22) 29.07.2024
 (54) Multifunctional integrated table and chair for balcony

(71) Unigen, Inc.
 (21) 2024205078 (22) 24.07.2024
 (54) Aloe based compositions comprising polysaccharides and polyphenols for regulation of homeostasis of immunity

(71) University of Miami
 (21) 2024205206 (22) 30.07.2024
 (54) Method for managing pain

Numerical Index

2024204816	Skechers U.S.A., Inc. II	2024205105	BicycleTx Limited
2024205039	Levicept Limited	2024205106	Medicines360
2024205040	Huawei Technologies Co., Ltd.	2024205107	International Business Machines Corporation
2024205041	Angel Group Co., Ltd.	2024205108	Illumina, Inc.
2024205042	Incyte Corporation	2024205109	SENSE2 PTY LTD
2024205043	The United States of America, as represented by the Secretary, Department of Health and Human Services	2024205110	Aristocrat Technologies Australia Pty Limited
2024205044	Huawei Technologies Co., Ltd.	2024205111	Aristocrat Technologies Australia Pty Limited
2024205045	Acceleron Pharma Inc.	2024205112	Flexopack S.A.
2024205046	Regeneron Pharmaceuticals, Inc.	2024205113	OFFICINE MACCAFERRI S.P.A.
2024205047	Precision Biosciences, Inc.	2024205114	Snap-on Incorporated
2024205048	Deere & Company	2024205115	Shen Zhen Biorocks Biotechnology Company Limited
2024205049	Seattle Children's Hospital (dba Seattle Children's Research Institute)	2024205116	Shen Zhen Biorocks Biotechnology Company Limited
2024205050	Novartis AG	2024205117	Halliburton Energy Services, Inc.
2024205051	Baby Generation, Inc.	2024205118	Telix Innovations S.A.
2024205052	EVFSS Holdings Pty Ltd	2024205119	Mars, Incorporated
2024205053	Compagnie Engrenages et Reducteurs-Messian-Durand	2024205120	Angel Group Co., Ltd.
2024205054	Tenshi Kaizen Private Limited	2024205121	Hainan Xingshengjia Technology Trading Co., Ltd.
2024205055	G1 Therapeutics, Inc.	2024205122	Rheem Australia Pty Limited
2024205056	May, S.	2024205123	AmTote International Inc.
2024205057	Genzyme Corporation	2024205124	The Boeing Company
2024205058	NOVARTIS AG	2024205125	Technological Resources Pty. Limited
2024205059	LG Energy Solution, LTD.	2024205126	ENVIZ CO PTY LTD
2024205060	Whirlpool Corporation	2024205127	POVIVA CORP.
2024205062	Magnolia Medical Technologies, Inc.	2024205128	Werner Co.
2024205063	Selig Sealing Products, Inc.	2024205129	JRR Corporation Pty Ltd
2024205064	FluGen, Inc.	2024205130	Signcomplex Limited
2024205065	OilQuick Deutschland KG	2024205131	Signcomplex Limited
2024205066	EndoProtech, Inc.	2024205132	Signcomplex Limited
2024205067	Southern Cross Patents Pty Ltd	2024205133	YETI Coolers, LLC
2024205068	Feeling Wood Ltd	2024205134	Apple Inc.
2024205070	Advanced Ground Solutions Pty Ltd	2024205135	Apple Inc.
2024205071	Hopkins, C.	2024205136	YETI Coolers, LLC
2024205072	Paradigm BioPharmaceuticals Ltd	2024205137	ITALGAS RETI S.P.A.
2024205073	ICU Medical, Inc.	2024205138	Techtronic Cordless GP
2024205074	Geomni, Inc.	2024205140	Angel Group Co., Ltd.
2024205075	Illumina, Inc.	2024205141	LOCKHEED MARTIN CORPORATION
2024205076	Element Biosciences, Inc.	2024205142	RR Medical Pty Ltd
2024205077	Research Triangle Institute	2024205143	Glass Processing Solutions, LLC D/B/A Sioneer
2024205078	Unigen, Inc.	2024205144	SUCCESS BIO-TECH CO., LTD.
2024205079	Fresh Inset S.A.	2024205145	GT Systems Pty Ltd; GT SYSTEMS PTY LTD
2024205080	Cylite Pty Ltd	2024205146	SILK AND SNOW INC.
2024205081	Creatv MicroTech, Inc.	2024205147	Itron Global SARL
2024205082	LG ELECTRONICS INC.	2024205148	Aristocrat Technologies Australia Pty Limited
2024205083	Ripsnorter Investments	2024205149	4S-Silversword Software and Services, LLC
2024205084	Murray & Poole Enterprises, Ltd.	2024205150	LifeCell Corporation
2024205085	Inolex Investment Corporation	2024205151	S.C.R. [Engineers] Limited; Merck Sharp & Dohme Animal Health, S.L.
2024205086	Sino International Group Ltd.	2024205152	LYU, W.
2024205087	Sheltered Wings, Inc. d/b/a Vortex Optics	2024205153	Schneider Electric Systems USA, Inc.
2024205088	Adobe Inc.	2024205154	Dahiya, V.; Singh, A.; Singh, A.
2024205089	Novartis AG; Intellia Therapeutics, Inc.	2024205155	SENSE2 PTY LTD
2024205090	Aurigene Oncology Limited	2024205156	RMEE Consolidated Industries
2024205091	Gold Jack	2024205157	MAKO Surgical Corp.
2024205092	ABL Bio, Inc.; LigaChem Biosciences Inc.	2024205158	Ultima Genomics, Inc.
2024205093	Connected Innovations Limited	2024205160	B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.
2024205094	Angel Group Co., Ltd.	2024205161	JKH Health Co., Ltd.
2024205095	Kenneth R Moras Pty Ltd	2024205162	Apple Inc.
2024205096	Huawei Technologies Co., Ltd.	2024205163	MICROVASCULAR THERAPEUTICS LLC
2024205097	EpinovaTech AB	2024205164	Onconova Therapeutics, Inc.
2024205098	ImmunityBio, Inc.	2024205165	Shire Human Genetic Therapies, Inc.
2024205099	Weihai Tianta Intelligent Technology Co., Ltd.	2024205166	I911 International, Inc.
2024205100	Nowakowski, K.	2024205167	Regeneron Pharmaceuticals, Inc.
2024205101	Centre for Aromatic Plants (CAP)	2024205168	Yoon, S.
2024205102	CATERPILLAR INC.	2024205169	Schneider Electric Industries SAS
2024205103	Attabotics Inc	2024205170	Smith & Nephew, Inc.; Smith & Nephew Orthopaedics AG; Smith & Nephew Asia Pacific Pte. Limited
2024205104	AdvanSix Resins & Chemicals LLC	2024205171	B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.
		2024205172	Fisher & Paykel Healthcare Limited

Complete Applications Filed - Numerical Index cont'd

2024205173 B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.
 2024205174 Altronic Distributors Pty Ltd
 2024205175 Social Remedy Holdings Pty Ltd
 2024205176 Desertmaster Intellectual Property Pty Ltd
 2024205177 OligoScience Technology GmbH
 2024205178 Tyaglin, D.
 2024205179 Abilita Bio, Inc.
 2024205180 Zhejiang Yotrio Group Co., Ltd
 2024205181 Marjanovic, V.
 2024205182 THE GILLETTE COMPANY LLC
 2024205183 WIREMAN PTY LIMITED
 2024205184 Institute of Geology and Geophysics, Chinese Academy
 of Sciences
 2024205185 Murray and Poole Enterprises Limited
 2024205186 Instrumentation Laboratory Company
 2024205187 Tencent America LLC
 2024205188 UFUN AUSTRALIA PTY LTD
 2024205189 Dolby International AB
 2024205190 UFUN AUSTRALIA PTY LTD
 2024205191 UFUN AUSTRALIA PTY LTD
 2024205192 2308134 Ontario Inc.
 2024205193 Technological Resources Pty Ltd
 2024205194 Cedars-Sinai Medical Center; Capricor, Inc.
 2024205195 Southern Ropes (Pty) Limited
 2024205196 FMC Technologies, Inc.
 2024205197 MJNN LLC
 2024205198 LG Electronics Inc.
 2024205199 Huawei Technologies Co., Ltd.
 2024205200 Bioverativ Therapeutics Inc.
 2024205201 Adamas Pharma, LLC
 2024205202 Intuit Inc.
 2024205203 Intuit Inc.
 2024205204 Editas Medicine, Inc.
 2024205205 Gilead Sciences, Inc.
 2024205206 University of Miami
 2024205208 Angel Group Co., Ltd.
 2024205210 GC Corporation
 2024205211 Atmospheric Plasma Solutions, Inc.
 2024205212 LG Electronics Inc.
 2024205214 Sungrow Power Supply Co., Ltd.
 2024205216 Abiomed, Inc.
 2024205217 Noria Energy
 2024205218 Brunswick Corporation
 2024205223 Janssen Biopharma, Inc.
 2024205224 Canva Pty Ltd

Innovation Patent Applications Filed**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 23 Jul 2024 .
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

(71) Wilson, M.
(21) 2024100024 (22) 29.07.2024
(54) A guard for plants
(62) 2021103547

Numerical Index

2024100024 Wilson, M.

Applications Lapsed, Refused Or Withdrawn, Patents Ceased or Expired

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

The codes next to each number have the following meanings:

Code Meaning

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

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

2004

- 2004203221 (14) 2004203235 (14) 2004203248 (14)
- 2004203268 (14) 2004203269 (14) 2004203273 (14)
- 2004203301 (14) 2004203308 (14) 2004203317 (14)
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- 2004257373 (14) 2004257553 (14) 2004257556 (14)
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2005

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- 2005282111 (14) 2005324528 (14)

2006

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- 2006205128 (14) 2006205987 (14) 2006206042 (14)
- 2006206655 (14) 2006206710 (14) 2006207300 (14)
- 2006207815 (14) 2006213503 (14) 2006237645 (14)

2007

- 2007204547 (14) 2007207648 (14) 2007207681 (14)
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- 2007238533 (14)

2008

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2009

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- 2009205667 (14) 2009210154 (14) 2009219819 (14)

2010

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- 2010200154 (14) 2010200156 (14) 2010200157 (14)
- 2010200158 (14) 2010200169 (14) 2010200853 (14)
- 2010203352 (14) 2010203357 (14) 2010204639 (14)
- 2010204844 (14) 2010204865 (14) 2010204986 (14)
- 2010205751 (14) 2010205840 (14) 2010224311 (14)
- 2010224456 (14)

2011

- 2011200104 (14) 2011201337 (14) 2011203933 (14)
- 2011205360 (14) 2011205411 (14) 2011205443 (14)
- 2011205444 (14) 2011205703 (14) 2011205788 (14)
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- 2011355304 (14)

2012

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- 2012205676 (14) 2012206263 (14) 2012206264 (14)
- 2012206265 (14) 2012206266 (14) 2012206606 (14)
- 2012210727 (14) 2012216696 (14) 2012227248 (14)
- 2012231884 (14) 2012311063 (14) 2012365465 (14)

2013

- 2013200136 (14) 2013200148 (14) 2013200231 (14)
- 2013200394 (14) 2013202648 (14) 2013203562 (14)
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- 2013207927 (14) 2013208693 (14) 2013209946 (14)
- 2013211235 (14) 2013226602 (14)

2014

- 2014200158 (14) 2014200208 (14) 2014200238 (14)
- 2014200798 (14) 2014202211 (14) 2014202549 (14)
- 2014203625 (14) 2014203713 (14) 2014203776 (14)
- 2014204733 (14) 2014205149 (14) 2014206834 (14)
- 2014207522 (14) 2014207680 (14) 2014215702 (14)
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- 2014378206 (14)

2015

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- 2015206350 (14) 2015206668 (14) 2015207352 (14)
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- 2015224456 (14) 2015230751 (14) 2015345388 (14)
- 2015377279 (14)

2016

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 2016102471 (22) 2016200181 (14) 2016201843 (14)
 2016202421 (14) 2016203254 (14) 2016206450 (14)
 2016206589 (14) 2016206882 (14) 2016207942 (14)
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 2016262784 (14) 2016263240 (14) 2016384589 (14)
 2016410294 (5C)

2017

2017100757 (22) 2017101737 (22) 2017200246 (14)
 2017200596 (14) 2017202016 (14) 2017202982 (14)
 2017206480 (14) 2017206794 (14) 2017207154 (14)
 2017207451 (14) 2017207508 (14) 2017207736 (4C)
 2017207738 (4C) 2017208042 (14) 2017208959 (14)
 2017209229 (14) 2017209689 (14) 2017215263 (14)
 2017215264 (14) 2017225869 (5C) 2017258242 (25D)
 2017271491 (5C) 2017279538 (5C) 2017332495 (4C)
 2017392447 (14) 2017414660 (5C)

2018

2018200268 (4D) 2018201193 (14) 2018201234 (14)
 2018203654 (5C) 2018207645 (4C) 2018208652 (5C)
 2018210292 (14) 2018210857 (14) 2018214091 (5C)
 2018218199 (4D) 2018223057 (5C) 2018236839 (5C)
 2018247570 (5C) 2018248602 (14) 2018253630 (14)
 2018255317 (25D) 2018277756 (5C) 2018284354 (5C)
 2018302522 (5C) 2018314947 (5C) 2018315626 (5C)
 2018323559 (14) 2018340290 (5C) 2018345387 (5C)
 2018352257 (5C) 2018356581 (5C) 2018357929 (5C)
 2018374384 (5C) 2018396151 (5C) 2018400700 (4C)
 2018402350 (14)

2019

2019100027 (22E) 2019100458 (22) 2019101734 (22E)
 2019200250 (14) 2019200825 (14) 2019206268 (4C)
 2019206316 (4C) 2019206571 (4C) 2019206725 (4C)
 2019207288 (4C) 2019207530 (4C) 2019207533 (4C)
 2019207739 (4C) 2019207895 (4C) 2019207902 (4C)
 2019207910 (4C) 2019208024 (4C) 2019208387 (4C)
 2019208563 (4C) 2019209173 (4C) 2019209324 (4C)
 2019209470 (4C) 2019209475 (4C) 2019209997 (4C)
 2019209998 (4C) 2019210146 (4C) 2019212036 (4C)
 2019212596 (14) 2019215283 (4C) 2019215598 (4D)
 2019217730 (25D) 2019221827 (4C) 2019226587 (5C)
 2019242734 (5C) 2019245623 (5C) 2019255287 (5C)
 2019352482 (5C) 2019420355 (14) 2019461089 (1B)

2020

2020100056 (22E) 2020100064 (22E) 2020100071 (22E)
 2020100072 (22E) 2020200242 (4D) 2020200243 (4A)
 2020200305 (4A) 2020202476 (14) 2020203743 (5C)
 2020206028 (14) 2020206782 (14) 2020208363 (14)
 2020208398 (14) 2020209763 (4C) 2020210197 (1B)
 2020210298 (1B) 2020213387 (1B) 2020214373 (14)
 2020217319 (1B) 2020217345 (1B) 2020217396 (1B)
 2020274853 (1B) 2020277224 (14) 2020294293 (5C)
 2020316823 (14) 2020323970 (1B) 2020323971 (1B)
 2020324339 (1B) 2020324427 (1B) 2020324451 (1B)
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 2020325505 (1B) 2020325652 (1B) 2020325721 (1B)
 2020325763 (1B) 2020326075 (1B) 2020326410 (1B)
 2020326691 (1B) 2020326706 (1B) 2020326730 (1B)
 2020326778 (1B) 2020327043 (1B) 2020327259 (5C)
 2020327661 (1B) 2020327862 (1B) 2020327909 (1B)
 2020327938 (1B) 2020327944 (1B) 2020327956 (1B)
 2020327987 (1B) 2020327994 (1B) 2020328212 (1B)
 2020328504 (1B) 2020328538 (1B) 2020328554 (1B)

2020328827 (1B) 2020328843 (1B) 2020328849 (1B)
 2020329148 (1B) 2020329156 (1B) 2020329516 (1B)
 2020329531 (1A) 2020329751 (1B) 2020329758 (1B)
 2020329781 (1B) 2020329793 (1B) 2020329942 (1B)
 2020330542 (1B) 2020330973 (1B) 2020330977 (1B)
 2020331290 (1B) 2020331883 (14) 2020339478 (5C)
 2020364985 (4C) 2020370475 (12A) 2020387490 (5C)
 2020404482 (5C) 2020405540 (5C) 2020422171 (4C)
 2020423317 (4A)

2021

2021100126 (22E) 2021100127 (22E) 2021100128 (22E)
 2021100135 (22E) 2021100148 (22E) 2021100155 (22E)
 2021100161 (22E) 2021100166 (22E) 2021100167 (22E)
 2021100168 (22E) 2021100186 (22E) 2021100190 (22E)
 2021100224 (22E) 2021100239 (22E) 2021100241 (22E)
 2021100242 (22E) 2021100260 (22E) 2021100264 (22E)
 2021100280 (22E) 2021105653 (22E) 2021107542 (22E)
 2021200075 (5C) 2021200210 (5C) 2021217089 (5C)
 2021218096 (14) 2021219039 (5C) 2021219223 (5C)
 2021247281 (5C) 2021264578 (5C) 2021276654 (5C)
 2021334184 (5C) 2021335239 (5C) 2021385099 (5C)

2022

2022200322 (4C) 2022200495 (4C) 2022200541 (5C)
 2022201078 (4C) 2022201506 (5C) 2022201557 (5C)
 2022201657 (5C) 2022201732 (5C) 2022201797 (5C)
 2022201901 (5C) 2022202113 (4C) 2022202229 (4C)
 2022202477 (5C) 2022202508 (5C) 2022202748 (5C)
 2022203069 (5C) 2022203091 (5C) 2022203166 (5C)
 2022203296 (5C) 2022203355 (5C) 2022203394 (5C)
 2022203497 (5C) 2022204259 (5C) 2022204397 (5C)
 2022204752 (5C) 2022205219 (5C) 2022205270 (5C)
 2022206797 (4C) 2022215255 (5C) 2022218629 (25D)
 2022221528 (5C) 2022224819 (4C) 2022231666 (5C)
 2022231675 (5C) 2022252756 (5C) 2022252826 (5C)
 2022268323 (5C) 2022279375 (5C)

2023

2023200145 (25D) 2023201836 (4C) 2023202625 (4C)
 2023202833 (4C) 2023203320 (5C) 2023902354 (12AN)
 2023902375 (12AN) 2023902386 (12AN) 2023902704 (12AN)
 2023902733 (12AN) 2023902927 (12AN) 2023903600 (12AN)
 2023903621 (12AN)

2024

2024201525 (25D) 2024204463 (12B) 2024900767 (12AN)

Assignments before Grant, Section 113

2017

2017378482 B-Mogen Biotechnologies, Inc. The application has been assigned to **R&D Systems, Inc.**

2018

2018283171 Uniformity Labs, Inc. The application has been assigned to **Heavy Metal LLC**

2019

2019288669 B-Mogen Biotechnologies, Inc. The application has been assigned to **R&D Systems, Inc.**

2019297205 Agahari, Nicky The application has been assigned to **AUSTRALIS SCIENTIFIC PTY LTD**

Assignments before Grant, Section 113

2019310191 Université Laval The application has been assigned to **14975162 CANADA INC.**

2019435292 Freeflow Energy Pty Limited The application has been assigned to **Altum Green Energy Limited**

2020

2020200932 ALSTOM Transport Technologies The application has been assigned to **ALSTOM Holdings**

2020267639 Regeneron Pharmaceuticals, Inc.; Inhibrx, Inc. The application has been assigned to **Regeneron Pharmaceuticals, Inc.; Inhibrx Biosciences, Inc.**

2020268379 Regeneron Pharmaceuticals, Inc.; Inhibrx, Inc. The application has been assigned to **Regeneron Pharmaceuticals, Inc.; Inhibrx Biosciences, Inc.**

2020311316 Arevo, Inc. The application has been assigned to **Stratasys, Inc.**

2020349647 University of Leeds The application has been assigned to **Mimetrik Solutions Limited**

2020376310 CIS Pharma AG The application has been assigned to **CIS Biopharma AG**

2020395914 CIS Pharma AG The application has been assigned to **CIS Biopharma AG**

2021

2021230101 AstraZeneca AB The application has been assigned to **APT Therapeutics Inc**

2021286256 ALSTOM Transport Technologies The application has been assigned to **ALSTOM Holdings**

2021368648 NOVATEK THERAPEUTICS, LLC The application has been assigned to **Novatek Pharmaceuticals, Inc.**

2021369641 MARIAN, Jean-Claude The application has been assigned to **LIFI**

2022

2022200245 Psomagen, Inc. The application has been assigned to **Macrogen Inc.**

2022200575 Psomagen, Inc. The application has been assigned to **Macrogen Inc.**

2022202590 Psomagen, Inc. The application has been assigned to **Macrogen Inc.**

2022203347 Psomagen, Inc. The application has been assigned to **Macrogen Inc.**

2022422775 CANEXIA HEALTH INC. The application has been assigned to **Pacbridge Partners II Investment Co. Ltd.**

Assignments before Grant, Section 113

2023

2023208742 JALMRR, LLC The application has been assigned to **Caddix, Inc.**

2023258347 Ultra Hom LLC The application has been assigned to **ORCHARD ULTRASOUND INNOVATION LLC**

2024

2024902190 Pirina, Robert; Bull, David The application has been assigned to **Pirina, Robert**

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.

2012

2012261524 **Sic Viresco Pty Ltd** An application to extend the time from 05 Dec 2023 to 05 Aug 2024 in which to pay a renewal fee has been filed . Address for service - Envirofriendly Pty Ltd 102-116 Virginia Way LOGAN VILLAGE QLD 4207 AU

2017

2017236050 **ANW Design Pty Ltd** An application to extend the time from 22 Sep 2023 to 22 Apr 2024 in which to pay a renewal fee has been filed . Address for service - An Wang 38 Shoalhaven Road Sylvania Waters NSW 2224 AU

2018

2018211401 **Solberg, D.** An application to extend the time from 24 Jan 2023 to 24 Jul 2024 in which to pay a continuation fee has been filed . Address for service - Golja Haines & Friend PO BOX 1014 SOUTH PERTH WA 6951 AU

2019

2019367373 **Gopalakrishnan, K.** An application to extend the time from 01 Oct 2023 to 01 Aug 2024 in which to request examination and to pay a continuation fee has been filed . Address for service - Patent Attorney Services U 4 26 Ellingworth Pde Box Hill VIC 3128 AU

2020

2020100236 **Kreiviz, A.** An application to extend the time from 18 Feb 2022 to 17 Jul 2024 in which to pay a renewal fee has been filed . Address for service - Alex Kreiviz 19 shenton road Claremont WA 6010 AU

2020380119 **Ellipse World, Inc.** An application to extend the time from 13 Feb 2024 to 13 Jun 2024 in which to request examination has been filed . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2021

2021107184 **Polyforce Industries Pty Ltd** An application to extend the time from 25 Aug 2023 to 25 May 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

Extensions of Time, Section 223

2024

2024203696 **Kim, E.; kim, e.** An application to extend the time from 02 Feb 2024 to 02 Jun 2024 in which to make a further application for a divisional patent has been filed . Address for service - eun bee kim Australia Fair Post Shop 42 Marine Pde Southport QLD 4215 AU

Applications Allowed - Section 223(2)

2015

2015208821 **Pfizer Inc.** The time in which to file an extension of term has been extended to 17 Jan 2023 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2018

2018101062 **Pelle, D.; Pelle, M.** The time in which to pay a renewal fee has been extended to 29 Feb 2024 . Address for service - Davies Collison Cave Pty Ltd Level 10 301 Coronation Drive MILTON QLD 4064 AU

2018235998 **Bakscape Holding Corp.** The time in which to pay the acceptance fee has been extended to 21 Jul 2024 . Address for service - Ascot Martin Registered Patent & Trade Mark Attorneys PO Box 3191 Moorabbin East VIC 3189 AU

2019

2019209546 **Mintek** The time in which to pay the acceptance fee has been extended to 14 Jul 2024 . Address for service - Madderns Pty Ltd GPO Box 2752 Adelaide SA 5001 AU

2019229364 **Chen, T.; Han, X.** The time in which to pay a continuation fee has been extended to 11 Apr 2024 . Address for service - Madderns Pty Ltd GPO Box 2752 Adelaide SA 5001 AU

2019343304 **Frito-Lay Trading Company GmbH** the time in which to pay a continuation fee has been extended to 19 Apr 2024 . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

2020

2020203319 **Norwalk Precast Burial Systems Pty Ltd** The time in which to request examination has been extended to 27 Jul 2024 . Address for service - BOSH IP Pty Ltd PO Box 24035 Melbourne VIC 3001 AU

2020309243 **BPG Sales and Technology Investments, LLC** The time in which to request examination has been extended to 16 Jul 2024 . Address for service - FOUNDRY INTELLECTUAL PROPERTY PTY LTD PO Box Q1466 Queen Victoria Building NSW 1230 AU

2021

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

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

Extensions of Time, Section 223

2022

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

2022289395 **Modine LLC** The time in which to enter the National Phase has been extended to 10 Feb 2024 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2022317614 **MEYER BIO-MEDICINE CO., LTD.; SHANDONG MEIMAO PHARMACEUTICAL CO., LTD.; SHANDONG GUANTIANXIA BIOTECHNOLOGY CO., LTD.** The time in which to enter the National Phase has been extended to 29 May 2024 . Address for service - LAMINAR IP PTY LTD PO Box 599 Milsons Point NSW 1565 AU

2023

2023226640 **Ovenden, R.** The time in which to pay the acceptance fee has been extended to 21 Jul 2024 . Address for service - Ronald George Ovenden 87 Seaton St ARMIDALE NSW 2350 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.

2007

2007352608 Novel pharmaceutical composition **Novartis AG** The nature of the amendment is as shown in the statement(s) filed 17 Jul 2024 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2012

2012201288 Novel pharmaceutical composition **Novartis AG** The nature of the amendment is as shown in the statement(s) filed 17 Jul 2024 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2014

2014202367 NOVEL PHARMACEUTICAL COMPOSITION **Novartis AG** The nature of the amendment is as shown in the statement(s) filed 17 Jul 2024 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2016

2016202063 NOVEL PHARMACEUTICAL COMPOSITION **Novartis AG** The nature of the amendment is as shown in the statement(s) filed 17 Jul 2024 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2018

2018286483 Methods for treating multiple sclerosis using antisense oligonucleotides **Antisense Therapeutics Ltd** The nature of the amendment is as shown in the statement(s) filed 02 Jul 2024 . Address

Amendments

for service - FB Rice Pty Ltd L 33 477 Collins Street Melbourne VIC 3000 AU

2018304704 Spacecraft servicing devices and related assemblies, systems, and methods **Northrop Grumman Systems Corporation** The nature of the amendment is as shown in the statement(s) filed 05 Jul 2024 . Address for service - GLMR PO Box Q1615 Queen Victoria Building NSW 1230 AU

2019

2019204452 Actuating unit arrangement **Geberit International AG** The nature of the amendment is as shown in the statement(s) filed 25 Jul 2024 . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

2019228913 Pharmaceutical composition with excellent storage stability **Ishihara Sangyo Kaisha, Ltd. ; Shizuoka Prefectural University Corporation** The nature of the amendment is as shown in the statement(s) filed 19 Jul 2024 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2019263302 Liquid depot for non-invasive sustained delivery of agents to the eye **Chibi, Inc.** The nature of the amendment is as shown in the statement(s) filed 18 Jul 2024 . Address for service - Grif-fith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2019390394 Genetically modified HSPCs resistant to ablation regime **Forty Seven, Inc.** The nature of the amendment is as shown in the statement(s) filed 24 Jul 2024 . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

2019428062 Variable density element retainer for use downhole **Halliburton Energy Services, Inc.** The nature of the amendment is as shown in the statement(s) filed 09 Jul 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2020

2020297899 Modular electronically scanned array (ESA) **Raytheon Company** The nature of the amendment is as shown in the statement(s) filed 19 Jul 2024 . Address for service - RnB IP Pty Ltd PO Box 9530 DEAKIN ACT 2600 AU

2020368910 Eyewear with variable compression cushion and improved moisture management **Oakley, Inc.** The nature of the amendment is as shown in the statement(s) filed 03 Jul 2024 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2021

2021247417 Food colouring agents **v2food Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 24 Jun 2024 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2021295295 Vasopressin-2 receptor antagonist peptides and uses thereof **Commissariat A L'Energie Atomique Et Aux Energies Alternatives** The nature of the amendment is as shown in the

Amendments

statement(s) filed 23 Jul 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2021385628 PHOTOVOLTAIC POWER GENERATION SYSTEM **HANWHA SOLUTIONS CORPORATION** The nature of the amendment is as shown in the statement(s) filed 25 Jul 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2022

2022210247 SUBSTITUTED PYRIDOTRIAZINE COMPOUNDS AND USES THEREOF **GILEAD SCIENCES, INC.** The nature of the amendment is as shown in the statement(s) filed 11 Jul 2024 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2022235611 Coordination of message alert presentations across devices based on device modes **Apple Inc.** The nature of the amendment is as shown in the statement(s) filed 22 Jul 2024 . Address for service - FPA Patent Attorneys Pty Ltd Suite 2, Level 9 275 George Street Sydney NSW 2000 AU

2022256098 Large scale preparation of pseudo-trisaccharide aminoglycosides and of intermediates thereof **Eloxx Pharmaceuticals Ltd.** The nature of the amendment is as shown in the statement(s) filed 05 Jul 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2022259793 Silver nanoplate compositions and methods **nano-Composix, Inc. ; Coronado Aesthetics, LLC** The nature of the amendment is as shown in the statement(s) filed 23 Jul 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

Amendments Made

2006

2006316397 **DSM IP Assets B.V.** The nature of the amendment is as shown in the statement(s) filed 17 Nov 2022, 2 May 2023, 11 Sep 2023 and 11 Apr 2024

2015

2015318727 **Fisher & Paykel Healthcare Limited** The nature of the amendment is as shown in the statement(s) filed 16 Apr 2024

2018

2018260194 **4JET microtech GmbH** The nature of the amendment is as shown in the statement(s) filed 04 Apr 2024

2018328052 **Pharmacosmos Holding A/s** The nature of the amendment is as shown in the statement(s) filed 29 Apr 2024

2018369626 **Avery Dennison Corporation** The nature of the amendment is as shown in the statement(s) filed 05 Apr 2024

2018372938 **Panorama Research, Inc.** The nature of the amendment is: Amend the name of the inventor to read BECKER, Cyrus K.; VENKATRAMAN, Meenakshi S.; ZHANG, Xiaoming; LARRICK, James W. and LIPTON, Stuart Arthur

Amendments

2018401778 **Prysmian S.p.A.** The nature of the amendment is as shown in the statement(s) filed 18 Apr 2024

2019

2019100716 **Caterpillar Inc** The nature of the amendment is as shown in the statement(s) filed 25 Jul 2024

2019219787 **Plasan Sasa Ltd.** The nature of the amendment is: Amend the priority details to read 261325 22 Aug 2018 IL and 261672 06 Sep 2018 IL

2019219787 **Plasan Sasa Ltd.** The nature of the amendment is: Amend the name of the inventor to read BEN SHOSHAN, Amir and Engel, Asaf

2019240269 **Halter USA Inc** The nature of the amendment is as shown in the statement(s) filed 29 Apr 2024

2019248779 **Horsch Maschinen GmbH** The nature of the amendment is as shown in the statement(s) filed 02 May 2024

2019476279 **AVE Science & Technology Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 29 Jul 2024

2020

2020267142 **Geron Corporation** The nature of the amendment is as shown in the statement(s) filed 29 Apr 2024

2021

2021274311 **WhiteWater West Industries Ltd** The nature of the amendment is: Amend the name of the inventor to read WYNNE-EDWARDS, Alexander; TYMIAK, Andrew and GINESTET, Clement

2021299003 **Kabushiki Kaisha Kobe Seiko Sho (Kobe Steel, Ltd.); Kawasaki Jukogyo Kabushiki Kaisha** The nature of the amendment is as shown in the statement(s) filed 19 Apr 2024

2021300786 **Omniceil, Inc.** The nature of the amendment is as shown in the statement(s) filed 05 Apr 2024

2021325729 **Ocado Innovation Limited** The nature of the amendment is as shown in the statement(s) filed 28 Mar 2024

2021480072 **HEALTH AND HAPPINESS (H&H) HONG KONG LIMITED** The nature of the amendment is: Amend the invention title to read Composition for anti-aging, and preparation method therefor and use thereof

2021481308 **BGI SHENZHEN** The nature of the amendment is: Amend the invention title to read Membrane forming device and membrane forming method

2022

2022200235 **Battelle Memorial Institute** The nature of the amendment is as shown in the statement(s) filed 13 Mar 2024

2022258263 **HUAWEI TECHNOLOGIES CO., LTD.** The nature of the amendment is: Amend the invention title to read COMMUNICATION METHOD AND APPARATUS

Amendments

2022259781 **Loxo Oncology, Inc.** The nature of the amendment is: Amend the name of the inventor to read BRANDHUBER, Barbara J.; BRENT, Lauren T.; EARY, Charles Todd; KENNA, Andrew; KAHN, Firas; RENSHAW, Vivian F. H.; SPENCER, Stacey Renee; GUISTOT, Nicolas and BYARD, Stephen

2022259781 **Loxo Oncology, Inc.** The nature of the amendment is: Amend the name of the inventor to read BRANDHUBER, Barbara J.; BRENT, Lauren T.; EARY, Charles Todd; KENNA, Andrew; KHAN, Firas; RENSHAW, Vivian F. H.; SPENCER, Stacey Renee; GUISTOT, Nicolas and BYARD, Stephen

2022259847 **Genmab A/S** The nature of the amendment is as shown in the statement(s) filed 19 Apr 2024

2022275440 **Loxo Oncology, Inc.** The nature of the amendment is: Amend the name of the inventor to read BRANDHUBER, Barbara J.; BRENT, Lauren T.; EARY, Charles Todd; KENNA, Andrew; KHAN, Firas; RENSHAW, Vivian F. H.; SPENCER, Stacey Renee; GUISTOT, Nicolas and BYARD, Stephen

2022379466 **ILLUMINA, INC.** The nature of the amendment is: Amend the name of the inventor to read BREWER, Emerico; BECKMAN, Travis; DAVIDSON, Justin; WANG, Shyun Long and ANG, Beng Keong

2022400163 **SIKA TECHNOLOGY AG; EMPA** The nature of the amendment is: Amend the name of the inventor to read BURCKHARDT, Urs; BURGERT, Ingo; CHOFFAT, Fabien; GRÖNQVIST, Philippe; KELCH, Steffen; KOSTIC, Sanja; MAMIE, Tim; MENNECKE, Klaas; STADELMANN, Ursula; VÖGTLI, Stefan; STUCKI, Sandro and FRANGI, Andrea

2022407450 **BIOMARIN PHARMACEUTICAL INC.** The nature of the amendment is: Amend the name of the inventor to read JEHA, Georges; BAUER, Christopher; COVARRUBIAS, Sergio; SHANGHAVI, Devanshi; TSENG, Yu-Shan; DAY, Jonathan and FISHELEVA, Elena

2022407450 **BIOMARIN PHARMACEUTICAL INC.** The nature of the amendment is: Amend the invention title to read CNP Therapy

2022410524 **EVOVE LTD** The nature of the amendment is: Amend the name of the inventor to read FEI, Fan; BRETHERTON-LIU, Kangsheng and PHILLIPS, Tristan

2022414435 **DAIKIN INDUSTRIES, LTD.** The nature of the amendment is as shown in the statement(s) filed 19 Jul 2024

2022416189 **PLECHA, E.** The nature of the amendment is as shown in the statement(s) filed 11 Jul 2024

2023

2023200999 **Atrogi AB** The nature of the amendment is as shown in the statement(s) filed 29 Apr 2024

2023202030 **Schneider Electric Industries SAS** The nature of the amendment is: Amend the name of the inventor to read Wang, Ning; Liu, Zhenzhong; Lu, Jiayu; Wu, Jian and Zeng, Xiaojing

Amendments

2023202360 **WiseTech Global (Licensing) Pty Ltd** The nature of the amendment is: Amend the name of the inventor to read NUZHNOV, Igor and KISLOV, Dmitry

2023206441 **DAEWOONG PHARMACEUTICAL CO., LTD.** The nature of the amendment is: Amend the invention title to read Method For Producing Intermediate Useful For Synthesis Of SGLT Inhibitor

2023212459 **LG CHEM, LTD.** The nature of the amendment is: Amend the invention title to read POLYBUTYLENE ADIPATE TEREPHTHALATE RESIN COMPOSITION, AND A METHOD FOR PREPARING THE SAME

2023221541 **FAES FARMA, S.A.** The nature of the amendment is as shown in the statement(s) filed 19 Jul 2024

2023314637 **ZHEJIANG ZEEKR INTELLIGENT TECHNOLOGY CO., LTD.; VIRIDI E-MOBILITY TECHNOLOGY (NINGBO) CO., LTD.; ZHEJIANG GEELY HOLDING GROUP CO., LTD.** The nature of the amendment is: Amend the invention title to read ELECTRIC VEHICLE AND ELECTRIC-MACHINERY CONTROL METHOD THEREFOR, APPARATUS AND STORAGE MEDIUM

2024

2024203100 **Beckman Coulter, Inc.** The nature of the amendment is as shown in the statement(s) filed 21 May 2024

2024902235 **Cyber Security Research Centre Limited** The nature of the amendment is: Amend the invention title to read Method and device for determining security compliance of network infrastructure

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

2007

2007223796 IVERIC bio., Inc. The name of the patentee has been altered to **Astellas US LLC**

2014

2014278011 Akamara Therapeutics, Inc. The name of the patentee has been altered to **Alyssum Therapeutics, Inc.**

2016

2016204713 IVERIC bio., Inc. The name of the patentee has been altered to **Astellas US LLC**

2018

2018360502 Melinta Therapeutics, Inc. The name of the applicant has been altered to **Melinta Therapeutics, LLC**

2019

2019408740 Pennakem Europa The name of the patentee has been altered to **EcoXtract**

2021

2021237518 Innovent Biologics (Singapore) Pte. Ltd. The name of the applicant has been altered to **Fortvita Biologics (Singapore) Pte.Ltd.**

Amendments

2021239225 Innovent Biologics (Singapore) Pte. Ltd. The name of the applicant has been altered to **Fortvita Biologics (Singapore) Pte.Ltd.**

2021291259 Innovent Biologics (Singapore) Pte. Ltd. The name of the applicant has been altered to **Fortvita Biologics (Singapore) Pte.Ltd.**

2021352532 Innovent Biologics (Singapore) Pte. Ltd. The name of the applicant has been altered to **Fortvita Biologics (Singapore) Pte.Ltd.**

2021353368 Innovent Biologics (Singapore) Pte. Ltd. The name of the applicant has been altered to **Fortvita Biologics (Singapore) Pte.Ltd.**

2021357747 ZAPF CREATION AG The name of the applicant has been altered to **MGA Zapf Creation GmbH**

2021404194 HEPTARES THERAPEUTICS LIMITED The name of the applicant has been altered to **Nxera Pharma UK Limited**

2021407023 Innovent Biologics (Singapore) Pte. Ltd. The name of the applicant has been altered to **Fortvita Biologics (Singapore) Pte.Ltd.**

2022

2022201003 Pennakem Europa The name of the applicant has been altered to **EcoXtract**

2022202115 IVERIC bio., Inc. The name of the applicant has been altered to **Astellas US LLC**

2023

2023208682 BRIGHTSEED, INC. ; SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE The name of the applicant has been altered to **BrightSeed, Inc.; Sanford Burnham Prebys Medical Discovery Institute**

2024

2024202607 Illumina, Inc. The name of the applicant has been altered to **Illumina, Inc.; Illumina Cambridge Limited**

2024900713 Aus Health Corporate Pty Ltd ; University of South Australia; The University of Adelaide The name of the applicant has been altered to **AusHealth Corporate Pty Ltd; University of South Australia; The University of Adelaide**

2024902262 The Trustee for The Systems Chall-Enger Unit Trust The name of the applicant has been altered to **Systems Chall-Enger Pty Ltd**

2024902329 Adept Aqua Pty Ltd ABN The name of the applicant has been altered to **Adept Aqua Pty Ltd**

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

Amendments

Australian Patent/Patent Application 2023100061 in the name(s) of Kumiai Chemical Industry Co., Ltd.

Applications Open to Public Inspection

Name Index

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

A.L.M Holding Company see Ergon Asphalt & Emulsions, Inc.
(21) 2024205012

(71) AbbVie Inc.
(11) AU-A-2024205004
(21) 2024205004 **(22)** 20.07.2024
(54) Anti-EGFR antibody drug conjugates
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
A61P 43/00 (2006.01)
(43) 08.08.2024
(62) 2017277517
(72) Boghaert, Erwin R.; Souers, Andrew J.; Phillips, Andrew C.; Judd, Andrew S.; Bruncko, Milan
(74) Spruson & Ferguson

(71) Acceleron Pharma Inc.
(11) AU-A-2024205045
(21) 2024205045 **(22)** 24.07.2024
(54) TGF-beta receptor type II fusion proteins and uses thereof
(51) Int. Cl.
C07K 14/71 (2006.01)
A61K 38/17 (2006.01)
A61P 9/10 (2006.01)
A61P 9/12 (2006.01)
A61P 13/12 (2006.01)
A61P 35/00 (2006.01)
C07K 16/46 (2006.01)
(43) 08.08.2024
(62) 2023200218
(72) KUMAR, Ravindra; SAKO, Dianne S.
(74) Spruson & Ferguson

(71) Adobe Inc.
(11) AU-A-2023270218
(21) 2023270218 **(22)** 21.11.2023
(54) VISUALIZING VECTOR GRAPHICS IN THREE-DIMENSIONAL SCENES
(51) Int. Cl.
G06T 11/60 (2006.01)
G06T 3/00 (2006.01)
G06T 7/50 (2017.01)
G06T 17/20 (2006.01)
G06T 19/20 (2011.01)
(31) 18/157,940 **(32)** 23.01.23 **(33)** US
(43) 08.08.2024
(72) Ashish Jindal; Vineet Batra; Sumit Dhingra; Siddhartha Chaudhuri; Nathan Aaron Carr; Ankit Phogat
(74) RnB IP Pty Ltd

(71) Adobe Inc.
(11) AU-A-2023270337

(21) 2023270337 **(22)** 24.11.2023
(54) COLLABORATIVE EDITING OF VECTOR GRAPHICS
(51) Int. Cl.
G06T 11/60 (2006.01)
G06F 16/178 (2019.01)
(31) 18/098,912 **(32)** 19.01.23 **(33)** US
(43) 08.08.2024
(72) Vishwas Jain; Vineet Batra; Souymodip Chakraborty; Kevin Wampler; Ankit Phogat
(74) RnB IP Pty Ltd

(71) Alexion Pharmaceuticals, Inc.
(11) AU-A-2024204884
(21) 2024204884 **(22)** 16.07.2024
(54) ANTI-C5 ANTIBODIES HAVING IMPROVED PHARMACOKINETICS
(51) Int. Cl.
C07K 16/18 (2006.01)
A61P 29/00 (2006.01)
A61P 37/06 (2006.01)
C07K 16/40 (2006.01)
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(51) Int. Cl.
A61K 39/00 (2006.01)
A61K 39/385 (2006.01)
A61P 35/00 (2006.01)
(43) 08.08.2024
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(72) Liu, Bai; Rhode, Peter; Xu, Wenxin; Wong, Hing C.
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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(51) Int. Cl.
A23L 33/10 (2016.01)
A61K 31/352 (2006.01)
A61K 36/00 (2006.01)
A61K 36/185 (2006.01)
(43) 08.08.2024
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(74) Spruson & Ferguson

(71) Angel Group Co., Ltd.
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(21) 2024200262 **(22)** 16.01.2024
(54) UNMANNED TRANSPORT SYSTEM
(51) Int. Cl.
G05D 1/646 (2024.01)
B66F 9/06 (2006.01)
B66F 9/075 (2006.01)
(31) 2023-007710 **(32)** 20.01.23 **(33)** JP
(43) 08.08.2024
(72) Shigeta, Yasushi
(74) RnB IP Pty Ltd

(71) Angel Group Co., Ltd.
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(21) 2024205009 **(22)** 22.07.2024
(54) FRAUD DETECTION SYSTEM IN CASINO
(51) Int. Cl.
G07C 11/00 (2006.01)
A47B 25/00 (2006.01)
G06T 7/00 (2017.01)
(43) 08.08.2024
(62) 2023248182
(72) Shigeta, Yasushi
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Angel Group Co., Ltd.
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(21) 2024205041 **(22)** 23.07.2024
(54) FRAUD DETECTION SYSTEM IN CASINO
(51) Int. Cl.
G07C 11/00 (2006.01)
A47B 25/00 (2006.01)
G06T 7/00 (2017.01)
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(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Apple Inc.
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(21) 2024204961 **(22)** 18.07.2024
(54) Method, device and medium for ranging
(51) Int. Cl.
H04W 64/00 (2009.01)
G01S 5/02 (2010.01)
H04W 4/02 (2018.01)
H04W 4/80 (2018.01)
H04W 76/15 (2018.01)

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(74) FPA Patent Attorneys Pty Ltd

(71) Arrowhead Pharmaceuticals, Inc.
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(21) 2024203661 **(22)** 31.05.2024
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(51) Int. Cl.
C12N 15/113 (2010.01)
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B60W 30/095 (2012.01)
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B60W 40/02 (2006.01)
B60W 40/13 (2012.01)
B60W 50/00 (2006.01)
B60W 50/14 (2020.01)
G01C 21/34 (2006.01)
G06F 16/909 (2019.01)
G08G 1/16 (2006.01)
B60R 21/01 (2006.01)
B60R 21/0134 (2006.01)
B60T 7/12 (2006.01)
B60W 50/04 (2006.01)
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(72) Woodford, Peter
(74) Michael Buck IP

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(54) Angle adjustment structure and child carrier
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B60N 2/28 (2006.01)
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(74) Allens Patent & Trade Mark Attorneys

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(54) Capillary collector with rotatable connection
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A61B 5/15 (2006.01)

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(74) FB Rice Pty Ltd

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(21) 2024204890 **(22)** 16.07.2024
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G01N 33/50 (2006.01)
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(11) AU-A-2024204759
(21) 2024204759 **(22)** 10.07.2024
(54) LAPTOP DISPLAY SYSTEMS
(51) Int. Cl.
G06F 1/16 (2006.01)
F16M 11/04 (2006.01)
F16M 11/26 (2006.01)
F16M 11/38 (2006.01)
F16M 13/00 (2006.01)
F16M 13/02 (2006.01)
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(72) THOMAS-BRIGDEN, Benjamin
(74) Kings Patent & Trade Marks Attorneys Pty Ltd

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(21) 2024204940 **(22)** 18.07.2024
(54) Stone identification methods and systems
(51) Int. Cl.
A61B 1/307 (2006.01)
A61B 1/00 (2006.01)
A61B 8/08 (2006.01)
A61B 18/00 (2006.01)
A61B 34/00 (2016.01)
A61B 34/20 (2016.01)
G06F 3/0484 (2022.01)
G06F 3/0488 (2022.01)
G06T 7/00 (2017.01)
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(51) Int. Cl.
F41A 21/30 (2006.01)
F41A 21/28 (2006.01)
F41A 21/32 (2006.01)
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(74) Griffith Hack

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A47K 3/12 (2006.01)
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(72) ANDERSON, Todd; HALES, Eric; ANDERSEN, Michael
(74) Dentons Patent Attorneys Australasia Limited

(71) CAAMTECH, INC.
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(54) Quaternary tryptamines and their therapeutic uses
(51) Int. Cl.
C07D 487/04 (2006.01)
A61K 31/4045 (2006.01)
A61K 31/675 (2006.01)
(43) 08.08.2024
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(72) CHADEAYNE, Andrew R
(74) Allens Patent & Trade Mark Attorneys

(71) Cantor Index LLC
(11) AU-A-2024205032
(21) 2024205032 **(22)** 23.07.2024
(54) SYSTEM AND METHOD FOR CONDUCTING A JACKPOT RACE EVENT
(51) Int. Cl.
A63F 13/00 (2014.01)
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(72) Asher, Joseph M.; Miller, Kenneth L.; Rotondo, Peter Christopher
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) CATERPILLAR GLOBAL MINING EQUIPMENT LLC
(11) AU-A-2024204933
(21) 2024204933 **(22)** 18.07.2024
(54) System and method for supporting elevated power rails
(51) Int. Cl.
B60M 1/30 (2006.01)
B60M 7/00 (2006.01)

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 (72) STRASHNY, Igor
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 EQUIPMENT LLC
 (11) AU-A-2024204934
 (21) 2024204934 (22) 18.07.2024
 (54) System and method for supporting elevated power rails
 (51) Int. Cl.
B60M 1/30 (2006.01)
B60M 7/00 (2006.01)

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 (54) Methods of using a bispecific antibody that recognizes coagulation factor IX and/or activated coagulation factor IX and coagulation factor X and/or activated coagulation factor X
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A61K 39/395 (2006.01)
A61P 7/04 (2006.01)

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 (72) YONEYAMA, Koichiro; SCHMITT, Christophe
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 (11) AU-A-2024204987
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 (54) METHOD FOR PRODUCTION OF HYDROMAGNESITE
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C01F 5/24 (2006.01)
C02F 1/52 (2023.01)

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 (72) Vorster, Alexander Edward; Jarvie, Oskar Karl James
 (74) Dark IP

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 (51) Int. Cl.
G05D 1/43 (2024.01)
G05D 1/243 (2024.01)
G05D 7/06 (2006.01)
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 (74) LAMINAR IP PTY LTD

(71) CS Genetics Limited
 (11) AU-A-2024203392
 (21) 2024203392 (22) 22.05.2024
 (54) Reagents, kits and methods for molecular barcoding
 (51) Int. Cl.
C12N 15/10 (2006.01)
C12Q 1/68 (2018.01)
C40B 40/06 (2006.01)

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 (72) EDELMAN, Lucas Brandon
 (74) FB Rice Pty Ltd

(71) CUTSFORTH, INC.
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 (21) 2024204942 (22) 18.07.2024
 (54) Brush assembly
 (51) Int. Cl.
H01R 39/36 (2006.01)
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 (72) CUTSFORTH, Robert S.; SCHULTZ, Kurtis Jeremy
 (74) Griffith Hack

(71) Deciphera Pharmaceuticals, LLC
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 (54) CSF1R inhibitors for use in treating cancer
 (51) Int. Cl.
A61K 31/506 (2006.01)
A61K 31/337 (2006.01)
A61K 31/357 (2006.01)
A61K 31/4184 (2006.01)
A61K 31/437 (2006.01)
A61K 31/4523 (2006.01)
A61K 31/519 (2006.01)
A61K 31/7068 (2006.01)
A61K 45/06 (2006.01)
A61P 35/00 (2006.01)
A61P 35/02 (2006.01)
A61P 35/04 (2006.01)
G01N 33/50 (2006.01)

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 (54) Apparatus and method for a dual front fold toolbar assembly
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A01B 73/06 (2006.01)
 (31) 18/100,029 (32) 23.01.23 (33) US

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 (21) 2023285694 (22) 18.12.2023
 (54) System and method of automated setting of elevation reference for continuous grade control
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E02F 3/84 (2006.01)
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 (31) 18/159,517 (32) 25.01.23 (33) US
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 (74) Davies Collison Cave Pty Ltd

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 (11) AU-A-2024204949
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 (54) Diagnosing skin conditions using machine-learned models
 (51) Int. Cl.
G06N 20/00 (2019.01)
G06T 7/00 (2017.01)
G06T 7/11 (2017.01)
G16H 30/00 (2018.01)
G16H 30/20 (2018.01)
G16H 30/40 (2018.01)

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 (72) FERRANTE, Joseph; SWART, Elliot
 (74) FB Rice Pty Ltd

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 (11) AU-A-2024205020
 (21) 2024205020 (22) 22.07.2024
 (54) Model based prediction in a critically sampled filterbank
 (51) Int. Cl.
G10L 19/093 (2013.01)
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 (72) VILLEMoes, Lars
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(71) Dow AgroSciences, LLC
 (11) AU-A-2024204960
 (21) 2024204960 (22) 18.07.2024
 (54) Compounds derived from herbicidal carboxylic acids and tetraalkylammonium or (arylalkyl) trialkylammonium hydroxides
 (51) Int. Cl.
A01P 13/00 (2006.01)
A01N 25/00 (2006.01)
A01N 37/40 (2006.01)
A01N 39/02 (2006.01)
A01N 39/04 (2006.01)
A01N 43/40 (2006.01)

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 (74) FPA Patent Attorneys Pty Ltd

(71) Elevation Spine, Inc.
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 (21) 2024205027 (22) 22.07.2024
 (54) Interbody spacer and bone plate assembly, instrumentation, and methods
 (51) Int. Cl.
 A61F 2/44 (2006.01)
 A61B 17/70 (2006.01)
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 (72) GILBRIDE, Charles; LEWIS, Trevor; FAUTH, Andrew
 (74) Spruson & Ferguson

(71) Ergon Asphalt & Emulsions, Inc.; A.L.M Holding Company
 (11) AU-A-2024205012
 (21) 2024205012 (22) 22.07.2024
 (54) ASPHALT EMULSION SURFACE TREATMENT CONTAINING STEROL
 (51) Int. Cl.
 C08L 95/00 (2006.01)
 C04B 18/16 (2023.01)
 C04B 26/26 (2006.01)
 C08K 5/05 (2006.01)
 C08L 91/00 (2006.01)
 E01C 1/00 (2006.01)
 E01C 7/35 (2006.01)

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 (72) REINKE, Gerald H.; BAUMGARDNER, Gaylon L.; HANZ, Andrew
 (74) Dark IP

(71) ExoAnalytic Solutions, Inc.
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 (54) Systems and visualization interfaces for orbital paths and path parameters of space objects
 (51) Int. Cl.
 B64G 3/00 (2006.01)
 B64G 1/24 (2006.01)
 G06F 3/048 (2013.01)
 G06F 30/20 (2020.01)
 G06T 11/20 (2006.01)

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 (21) 2024204924

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 (11) AU-A-2024204905
 (21) 2024204905 (22) 17.07.2024

(54) Combination therapies for treatment of BCMA-related cancers and autoimmune disorders

(51) Int. Cl.
 A61K 31/55 (2006.01)
 A61K 35/17 (2015.01)
 A61K 39/395 (2006.01)
 A61K 45/06 (2006.01)
 A61P 35/00 (2006.01)
 A61P 35/02 (2006.01)
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 C12N 15/62 (2006.01)

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 F21V 17/16 (2006.01)
 F16B 2/22 (2006.01)
 F21V 17/06 (2006.01)
 F21V 19/00 (2006.01)
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 (72) Zheng, Yao-Fu; Guo, Qi-Heng
 (74) Atkinson IP

(71) GENENTECH, INC.

(11) AU-A-2024204988
 (21) 2024204988 (22) 19.07.2024
 (54) Combinations of an anti-HER2 antibody-drug conjugate and chemotherapeutic agents, and methods of use
 (51) Int. Cl.
 A61K 31/337 (2006.01)
 A61K 31/416 (2006.01)
 A61K 31/513 (2006.01)
 A61K 31/517 (2006.01)
 A61K 31/5355 (2006.01)
 A61K 31/555 (2006.01)
 A61K 39/395 (2006.01)
 A61K 45/06 (2006.01)
 A61P 35/00 (2006.01)

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 (74) Griffith Hack

(71) Glaukos Corporation

(11) AU-A-2024204388
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 (54) Intraocular physiological sensor
 (51) Int. Cl.
 A61B 3/16 (2006.01)
 A61B 5/00 (2006.01)
 A61F 9/007 (2006.01)

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 (72) GUNN, Nicholas Max; DOS SANTOS, Cesario Pereira; HAFFNER, David S.
 (74) Davies Collison Cave Pty Ltd

(71) GOOGLE LLC
 (11) AU-A-2024204939
 (21) 2024204939 (22) 18.07.2024
 (54) OVERLAP JOINT FLEX CIRCUIT BOARD INTERCONNECTION
 (51) Int. Cl.
 H05K 1/02 (2006.01)
 H05K 1/11 (2006.01)
 H05K 1/14 (2006.01)
 H05K 3/36 (2006.01)
 H05K 1/03 (2006.01)
 H05K 3/42 (2006.01)

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 (72) MARTINIS, John; BUCKLEY, Bob Benjamin; HUANG, Xiaojun Trent
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 (54) PRESSURE DEVICE
 (51) Int. Cl.
 F04B 19/24 (2006.01)
 F04B 37/18 (2006.01)
 F04B 53/16 (2006.01)
 F17C 13/04 (2006.01)

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 (72) AURET, Derek
 (74) HopgoodGanim

(71) GW Research Limited
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 (21) 2024204928 (22) 18.07.2024
 (54) Use of cannabidiols in the treatment of epilepsy
 (51) Int. Cl.
 A61K 31/05 (2006.01)
 A61K 31/195 (2006.01)
 A61K 31/20 (2006.01)
 A61K 31/27 (2006.01)
 A61K 31/352 (2006.01)
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 A61K 31/496 (2006.01)
 A61K 31/53 (2006.01)
 A61K 31/551 (2006.01)
 A61K 31/5513 (2006.01)
 A61K 31/5517 (2006.01)
 A61K 31/7048 (2006.01)
 A61P 25/10 (2006.01)

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 (11) AU-A-2024204929
 (21) 2024204929 (22) 18.07.2024
 (54) Beverage dispensing assembly and beverage container
 (51) Int. Cl.
B67D 1/04 (2006.01)
B67D 1/06 (2006.01)
B67D 1/08 (2006.01)
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 (72) PAAUWE, Arie Maarten; WITTE, Pieter Gerard
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 (11) AU-A-2023203046
 (21) 2023203046 (22) 16.05.2023
 (54) Binary substituted vanadium phosphate electrode material
 (51) Int. Cl.
H01M 4/58 (2010.01)
H01M 4/04 (2006.01)
H01M 4/36 (2006.01)
H01M 4/48 (2010.01)
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 (11) AU-A-2023203049
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 (54) Ternary substituted vanadium phosphate electrode material
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H01M 4/36 (2006.01)
H01M 4/42 (2006.01)
H01M 4/46 (2006.01)
H01M 4/52 (2010.01)
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G06F 3/16 (2006.01)
H04R 1/10 (2006.01)
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H04N 19/107 (2014.01)
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A23D 7/005 (2006.01)
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A23J 1/00 (2006.01)
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B60W 40/109 (2012.01)
B60W 40/13 (2012.01)
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H04N 19/11 (2014.01)
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G06F 16/24 (2019.01)
G06F 16/332 (2019.01)
G06F 40/211 (2020.01)
G06F 40/279 (2020.01)
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G08G 5/00 (2006.01)
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A61P 31/14 (2006.01)
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C12N 15/56 (2006.01)
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G06F 21/36 (2013.01)
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F16L 55/18 (2006.01)
B29C 63/34 (2006.01)
F16L 55/163 (2006.01)
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H02J 7/06 (2006.01)
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B60L 53/53 (2019.01)
B60L 53/68 (2019.01)
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A61P 25/00 (2006.01)
A61K 31/566 (2006.01)
A61K 31/724 (2006.01)
A61K 47/68 (2017.01)
A61P 3/00 (2006.01)
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 B29C 33/38 (2006.01)
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 B29L 31/00 (2006.01)
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 A24F 40/05 (2020.01)
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 A24F 40/485 (2020.01)
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 B63C 1/06 (2006.01)
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 (43) 08.08.2024
 (72) Brett SULLIVAN
 (74) Elliptic Legal & Patent Services

(71) Takeda Pharmaceutical Company Limited
 (11) AU-A-2024204995
 (21) 2024204995 (22) 19.07.2024
 (54) A METHOD TO PRODUCE AN IMMUNOGLOBULIN PREPARATION WITH IMPROVED YIELD
 (51) Int. Cl.
 C07K 1/36 (2006.01)
 A61K 39/395 (2006.01)
 A61P 37/00 (2006.01)

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(62) 2021201486
(72) Bruckschwaiger, Leopold; Svatos, Sonja; Teschner, Wolfgang; Butterweck, Harald Arno; Schwarz, Hans-Peter; Gundinger, Thomas; Koelbl, Bernhard; Grausenburger, Reinhard; Pljevljakovic, Azra; Nüernerberger, Julia
(74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd
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- (71)** Technische Universität München
(11) AU-A-2024204996
(21) 2024204996 **(22)** 19.07.2024
(54) METHANATION WITH TURBOCHARGER
(51) Int. Cl.
C07C 1/04 (2006.01)
C07C 1/12 (2006.01)
C07C 9/04 (2006.01)
C10L 3/08 (2006.01)
(43) 08.08.2024
(62) 2021359662
(72) HERRMANN, Stephan; FISCHER, Felix; SPLIETHOFF, Hartmut
(74) Argon IP Advisory Pty Ltd
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- (71)** Technological Resources Pty. Limited
(11) AU-A-2024204963
(21) 2024204963 **(22)** 18.07.2024
(54) Mining System
(51) Int. Cl.
G06Q 10/06 (2023.01)
G06Q 10/04 (2023.01)
G06Q 50/02 (2012.01)
(43) 08.08.2024
(62) 2018370534
(72) HILL, Andrew; ALBRECHT, Thomas; SEILER, Konstantin M.; PALMER, Andrew W.; SCHEDING, Steven J.; CALLOW, Glenn
(74) Michael Buck IP
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- (71)** Techtronic Cordless GP
(11) AU-A-2024200338
(21) 2024200338 **(22)** 18.01.2024
(54) Power tool and battery pack for power tool
(51) Int. Cl.
H01M 50/296 (2021.01)
B25F 5/02 (2006.01)
H01M 10/613 (2014.01)
H01M 10/6235 (2014.01)
H01M 50/284 (2021.01)
(31) 202310090008.0 **(32)** 19.01.23 **(33)** CN
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(72) LI, Sheng Ping; GUO, Zhao Jie
(74) Spruson & Ferguson
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- (71)** TEGA INDUSTRIES LIMITED
(11) AU-A-2024200327
(21) 2024200327 **(22)** 18.01.2024
(54) SCREENING PANELS ARRANGEMENT
(51) Int. Cl.
B07B 1/46 (2006.01)
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- (31)** 202331004562 **(32)** 23.01.23 **(33)** IN
(43) 08.08.2024
(72) IMAM, SYED YAVAR; GHOSH, DEBRATO; VERMA, SAHIL
(74) Collison & Co
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- (71)** Tencent America LLC
(11) AU-A-2024204951
(21) 2024204951 **(22)** 18.07.2024
(54) METHOD AND DEVICE FOR CODING VIDEO SEQUENCE
(51) Int. Cl.
H04N 19/70 (2014.01)
H04N 19/119 (2014.01)
H04N 19/174 (2014.01)
H04N 19/44 (2014.01)
H04N 19/96 (2014.01)
(43) 08.08.2024
(62) 2023203796
(72) Zhao, Xin; Li, Xiang; Liu, Shan
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71)** Tencent America LLC
(11) AU-A-2024204958
(21) 2024204958 **(22)** 18.07.2024
(54) METHOD AND DEVICE FOR VIDEO CODING
(51) Int. Cl.
H04N 19/70 (2014.01)
H04N 19/119 (2014.01)
H04N 19/174 (2014.01)
H04N 19/44 (2014.01)
H04N 19/96 (2014.01)
(43) 08.08.2024
(62) 2023203796
(72) Zhao, Xin; Li, Xiang; Liu, Shan
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71)** Tencent America LLC
(11) AU-A-2024204959
(21) 2024204959 **(22)** 18.07.2024
(54) METHOD AND DEVICE FOR VIDEO CODING
(51) Int. Cl.
H04N 19/70 (2014.01)
H04N 19/119 (2014.01)
H04N 19/174 (2014.01)
H04N 19/44 (2014.01)
H04N 19/96 (2014.01)
(43) 08.08.2024
(62) 2023203796
(72) Zhao, Xin; Li, Xiang; Liu, Shan
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71)** The Coca-Cola Company
(11) AU-A-2024204978
(21) 2024204978 **(22)** 19.07.2024
(54) Sweetness and taste improvement of steviol glycoside and mogroside sweeteners with cyclamate
(51) Int. Cl.
A23L 2/60 (2006.01)
A23L 2/52 (2006.01)
A23L 27/30 (2016.01)
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- (43)** 08.08.2024
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(74) FB Rice Pty Ltd
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- (71)** The Regents of the University of California
(11) AU-A-2024204947
(21) 2024204947 **(22)** 18.07.2024
(54) Methods and compositions for treatment of angiogenic disorders using anti-VEGF agents
(51) Int. Cl.
A61K 38/00 (2006.01)
C07K 14/71 (2006.01)
(43) 08.08.2024
(62) 2019212622
(72) FERRARA, Napoleone
(74) Spruson & Ferguson
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- (71)** Thermal Road Repairs Limited
(11) AU-A-2024200343
(21) 2024200343 **(22)** 18.01.2024
(54) Road Repair Systems
(51) Int. Cl.
E01C 23/14 (2006.01)
E01C 7/18 (2006.01)
E01C 23/06 (2006.01)
(31) GB2300782.6 **(32)** 19.01.23 **(33)** GB
(43) 08.08.2024
(72) CONWAY, Henry Aidan; JONES, Mark Richard
(74) Allens Patent & Trade Mark Attorneys
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- (71)** The Scripps Research Institute
(11) AU-A-2024204977
(21) 2024204977 **(22)** 19.07.2024
(54) Pharmacophore for trail induction
(51) Int. Cl.
C07D 471/14 (2006.01)
A61K 31/519 (2006.01)
(43) 08.08.2024
(62) 2022283729
(72) JANDA, Kim D.; JACOB, Nicholas T.; LOCKNER, Jonathan W.
(74) Griffith Hack
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- (71)** The Tru Shrimp Company
(11) AU-A-2024204983
(21) 2024204983 **(22)** 19.07.2024
(54) RACEWAYS AND SYSTEMS THEREOF
(51) Int. Cl.
A01K 61/59 (2017.01)
(43) 08.08.2024
(62) 2022218592
(72) GERVAIS, Robert H.
(74) Dark IP
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- (71)** The Trustees of the University of Pennsylvania
(11) AU-A-2024203330
(21) 2024203330 **(22)** 20.05.2024
(54) Altering gene expression in CART cells and uses thereof

Applications Open to Public Inspection - Name Index cont'd

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(62) 2021203981
(72) Zhao, Yangbing; Ren, Jiangtao; Liu, Xiaojun; June, Carl H.
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) Toyota Jidosha Kabushiki Kaisha; Komatsu Ltd.
(11) AU-A-2024200379
(21) 2024200379 **(22)** 19.01.2024
(54) Management system and travelling control system
(51) Int. Cl.
G08G 1/0968 (2006.01)
B60W 40/06 (2012.01)
(31) 2023-008529 **(32)** 24.01.23 **(33)** JP
(43) 08.08.2024
(72) TAKASHIMA, Toru; OKANO, Takahiro; MIZOO, Shun; NOZAWA, Yusuke; HIR-ANAKA, Takashi; OSAGAWA, Kenta; KONISHI, Shota
(74) Spruson & Ferguson
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- (71) Toyota Jidosha Kabushiki Kaisha; Komatsu Ltd.
(11) AU-A-2024200380
(21) 2024200380 **(22)** 19.01.2024
(54) Operation management system
(51) Int. Cl.
B60W 30/16 (2020.01)
B60W 30/08 (2012.01)
B60W 30/085 (2012.01)
B60W 30/095 (2012.01)
B60W 40/06 (2012.01)
G08G 1/16 (2006.01)
(31) 2023-008531 **(32)** 24.01.23 **(33)** JP
(43) 08.08.2024
(72) TAKASHIMA, Toru; OKANO, Takahiro; MIZOO, Shun; NOZAWA, Yusuke; HIR-ANAKA, Takashi; OSAGAWA, Kenta; KONISHI, Shota
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- (71) TRACTO-TECHNIK GmbH & Co. KG
(11) AU-A-2024200253
(21) 2024200253 **(22)** 15.01.2024
(54) THREADED CONNECTION
(51) Int. Cl.
E21B 17/042 (2006.01)
F16B 33/02 (2006.01)
(31) 23152004.0 **(32)** 17.01.23 **(33)** EP
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(72) Göcke, Frank; Klein, Tobias; Wurm, Dieter
(74) PHILLIPS ORMONDE FITZPATRICK
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(54) PANTOGRAPH-BASED VEHICLE GUIDANCE SYSTEM AND METHOD
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B60L 5/24 (2006.01)
(31) 63/480,587 **(32)** 19.01.23 **(33)** US
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- 18/531,319 06.12.23 US
(43) 08.08.2024
(72) Wolff, Jeffrey John; Ghofulpo, James; Prasad, Rekha Doddarangaiah; Young, Henry Todd; Brown, Timothy; Sobierajski, Jennifer
(74) K&L Gates
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(11) AU-A-2023285876
(21) 2023285876 **(22)** 21.12.2023
(54) RAILWAY ANCHOR APPLICATION TOOL
(51) Int. Cl.
E01B 29/32 (2006.01)
(31) 63/440,751 **(32)** 24.01.23 **(33)** US
18/540,265 14.12.23 US
(43) 08.08.2024
(72) Holschbach, Ryan; Reinert, Dallas; Henke, Daniel
(74) K&L Gates
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- (71) Trina Solar Co., Ltd.
(11) AU-A-2024204865
(21) 2024204865 **(22)** 15.07.2024
(54) Solar cell and manufacturing method thereof, photovoltaic module, and photovoltaic system
(51) Int. Cl.
H01L 31/0236 (2006.01)
H01L 31/04 (2014.01)
(31) 202310892241.0 **(32)** 20.07.23 **(33)** CN
(43) 08.08.2024
(72) LIU, Chengfa; CHEN, Hong; CHEN, Daming; CHEN, Yifeng
(74) FB Rice Pty Ltd
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- (71) Trina Solar Co., Ltd.
(11) AU-A-2024204909
(21) 2024204909 **(22)** 17.07.2024
(54) Solar cell and manufacturing method thereof, and photovoltaic module
(51) Int. Cl.
H01L 31/04 (2014.01)
(31) 202311109529.2 **(32)** 30.08.23 **(33)** CN
(43) 08.08.2024
(72) LIU, Chengfa; CHEN, Daming; CHEN, Hong; CHEN, Yifeng
(74) FB Rice Pty Ltd
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(21) 2024204944
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- (71) Tsao, Y.
(11) AU-A-2023285855
(21) 2023285855 **(22)** 21.12.2023
(54) WEIGHT MEASURING APPARATUS
(51) Int. Cl.
G01G 19/46 (2006.01)
G01G 3/142 (2006.01)
G01G 23/36 (2006.01)
(31) 112117389 **(32)** 10.05.23 **(33)** TW
112200766 19.01.23 TW
(43) 08.08.2024
(72) Tsao, Yu-Min
(74) Alfred Lei
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- (71) Universal Field Robots Pty Ltd.
(11) AU-A-2024205011
(21) 2024205011 **(22)** 22.07.2024
(54) Automated vehicle
(51) Int. Cl.
G05D 1/00 (2006.01)
A01D 46/30 (2006.01)
B25J 5/00 (2006.01)
B25J 9/16 (2006.01)
G05B 19/42 (2006.01)
G05D 1/243 (2024.01)
(43) 08.08.2024
(62) 2019340235
(72) STERLING, Jeffrey James; MCKERCHER, Rhys Andrew; CASSELL, Timothy
(74) HopgoodGanim
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- University of Rhode Island Board of Trustees see YALE UNIVERSITY
(21) 2024203827
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- (71) Unova Limited
(11) AU-A-2024204584
(21) 2024204584 **(22)** 02.07.2024
(54) Electronically Controllable Valves and Mixing Valves
(51) Int. Cl.
F16K 11/22 (2006.01)
E03C 1/05 (2006.01)
F16K 3/02 (2006.01)
F16K 11/065 (2006.01)
F16K 31/04 (2006.01)
G05D 23/13 (2006.01)
(43) 08.08.2024
(62) 2018312822
(72) JEROMSON, Peter James; HOUGHTON, Bradley James
(74) PIPERS
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- (71) Virentia Innovation Inc.
(11) AU-A-2024205025
(21) 2024205025 **(22)** 22.07.2024
(54) COMPOSITIONS COMPRISING FABACEAE FAMILY PLANT COMPONENTS, PROCESSES OF PREPARATION AND USES THEREOF
(51) Int. Cl.
C12N 5/04 (2006.01)
A23J 1/14 (2006.01)
A23K 10/12 (2016.01)
A23K 10/30 (2016.01)
A23L 33/105 (2016.01)
B01D 11/02 (2006.01)
C07H 15/00 (2006.01)
C07J 71/00 (2006.01)
C07K 1/14 (2006.01)
C07K 14/415 (2006.01)
C08H 1/00 (2006.01)
C08L 89/00 (2006.01)
C11B 1/10 (2006.01)
C12N 9/02 (2006.01)
(43) 08.08.2024
(62) 2020257785
(72) LAVALLÉE, Pierre; DESGAGNÉS, Réjean; CAMBRON-FORTIN,

Applications Open to Public Inspection - Name Index cont'd

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TALBOT, Pierre

(74) Adams Pluck

(71) Visser, D.
(11) AU-A-2024200187
(21) 2024200187 (22) 11.01.2024
(54) Composite Building Panel and Shell
(51) Int. Cl.

E04B 1/94 (2006.01)
E04C 2/00 (2006.01)
E04C 2/28 (2006.01)
E04C 2/34 (2006.01)

(31) 2023900134 (32) 20.01.23 (33) AU
(43) 08.08.2024
(72) Visser, David
(74) Cooper IP Pty Ltd

(71) W.M. Barr & Company, Inc.
(11) AU-A-2024205002
(21) 2024205002 (22) 19.07.2024
(54) Spill resistant and moisture absorbing device

(51) Int. Cl.
B01D 53/04 (2006.01)
B01D 53/14 (2006.01)
B01D 53/26 (2006.01)
B65D 51/30 (2006.01)
F24F 3/14 (2006.01)

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(62) 2022215220
(72) LANKFORD, Donald Aaron; PETKUS, Matthew Michael; GROOVER, Wendy; HEALEY, Brett Justin; WHEELER, Shannon; PEMBERTON, Douglas; WOOD, Barry; FARMER, Rachel

(74) WRAYS PTY LTD

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(71) Wang, Z.; Wang, Y.; Xuzhou Xinkun Electric Co., Ltd
(11) AU-A-2024200318
(21) 2024200318 (22) 17.01.2024
(54) A LIQUID-WASHING AIR PURIFYING AND DISINFECTING DEVICE

(51) Int. Cl.
F24F 8/125 (2021.01)
B01D 46/10 (2006.01)
B01D 47/02 (2006.01)
B01D 50/60 (2022.01)
B01D 53/18 (2006.01)
F24F 8/80 (2021.01)

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(43) 08.08.2024
(72) Wang, Zhiye; Wang, Yebin
(74) Ran Tao

(71) Wang, Y.; Solymosi, G.; Kim, Y.
(11) AU-A-2024204986
(21) 2024204986 (22) 19.07.2024
(54) System and method for evaluating models for predictive failure of renewable energy assets
(51) Int. Cl.

G01R 31/08 (2020.01)
G01R 31/14 (2006.01)

(43) 08.08.2024
(62) 2022209274
(72) WANG, Yajuan; SOLYMOSI, Gabor; KIM, Younghun
(74) Spruson & Ferguson

(71) Willow Innovations, Inc.
(11) AU-A-2024204917
(21) 2024204917 (22) 17.07.2024
(54) Breast pump assembly and methods
(51) Int. Cl.

A61M 1/06 (2006.01)
(43) 08.08.2024
(62) 2022203159
(72) Chang, John; Makower, Joshua; Mason, Brian; Co, Fred; Calmer, Mathew; Sabet, Arash
(74) Davies Collison Cave Pty Ltd

(71) Wonderland Switzerland AG
(11) AU-A-2024204953
(21) 2024204953 (22) 18.07.2024
(54) FOLDABLE LOCKING MECHANISM
(51) Int. Cl.

B62B 7/06 (2006.01)
B62B 7/08 (2006.01)
B62B 7/14 (2006.01)
B62B 9/10 (2006.01)
(43) 08.08.2024
(62) 2021253663
(72) ZHU, Wanquan; YUAN, Jialiang
(74) Griffith Hack

(71) Wonderland Switzerland AG
(11) AU-A-2024205013
(21) 2024205013 (22) 22.07.2024
(54) Child Restraint with Rotating Seat
(51) Int. Cl.

B60N 2/28 (2006.01)
(43) 08.08.2024
(62) 2020345975
(72) HUTCHINSON, James M. F.; ANDERSON, Robert S.; LEHMAN, David A.
(74) PIPERS

(71) Workplace Access & Safety Pty Ltd
(11) AU-A-2023200356
(21) 2023200356 (22) 23.01.2023
(54) Roof top safety strip and method of installation therefor
(51) Int. Cl.

E04G 21/32 (2006.01)
G09F 7/18 (2006.01)
(43) 08.08.2024
(72) Heitmann, Lee; Sachs, Carl
(74) Freshwater IP

Xuzhou Xinkun Electric Co., Ltd see Wang, Z.
(21) 2024200318

(71) YALE UNIVERSITY; University of Rhode Island Board of Trustees
(11) AU-A-2024203827
(21) 2024203827 (22) 06.06.2024
(54) Fluorescent compound comprising a fluorophore conjugated to a pH - triggered polypeptide
(51) Int. Cl.

C07K 7/06 (2006.01)
A61K 38/00 (2006.01)
A61K 49/00 (2006.01)
C07K 14/00 (2006.01)
(43) 08.08.2024
(62) 2022203395
(72) RESHETNYAK, Yana K.; ANDREEV, Oleg A.; ENGELMAN, Donald M.
(74) Griffith Hack

Numerical Index

2023200291	McNamara, L.C.	2024204929	Heineken Supply Chain B.V.
2023200301	MATATAKITOYO TOOL CO., LTD.	2024204931	Snap-on Incorporated
2023200356	Workplace Access & Safety Pty Ltd	2024204933	CATERPILLAR GLOBAL MINING EQUIPMENT LLC
2023200362	FUJIAN OUMEIDA ELECTRIC MACHINE CO., LTD.	2024204934	CATERPILLAR GLOBAL MINING EQUIPMENT LLC
2023202306	Bullfrog International, LC.	2024204935	Becton, Dickinson and Company
2023203046	Hindustan Petroleum Corporation Limited	2024204936	SHAHEEN INNOVATIONS HOLDING LIMITED
2023203049	Hindustan Petroleum Corporation Limited	2024204937	Bambino Prezioso Switzerland AG
2023229479	Lander, S.	2024204939	GOOGLE LLC
2023251428	Australian Mitigation Engineering Developments Pty Ltd	2024204940	Boston Scientific Scimed, Inc.
2023258389	One Three Energy, Inc.	2024204941	KWS SAAT SE & Co. KGaA
2023258460	SULLIVAN, B.	2024204942	CUTSFORTH, INC.
2023270218	Adobe Inc.	2024204943	Runweight Pty Ltd
2023270337	Adobe Inc.	2024204944	Relborgn Pty Ltd; Triomviri Pty Ltd
2023282317	NAVICO, INC.	2024204947	The Regents of the University of California
2023284159	Deere & Company	2024204948	Smart Shade Innovations Inc.
2023285694	Deere & Company	2024204949	Digital Diagnostics Inc.
2023285855	Tsao, Y.	2024204950	LG Electronics Inc.
2023285875	Transportation IP Holdings, LLC	2024204951	Tencent America LLC
2023285876	Transportation IP Holdings, LLC	2024204952	Illumina, Inc.
2023285884	Itron, Inc.	2024204953	Wonderland Switzerland AG
2023375282	GREAT SOUTHERN MOTOR COMPANY PTY. LTD.	2024204956	ExoAnalytic Solutions, Inc.
2024200005	Schneider Electric Systems USA, Inc.	2024204957	Altor Bioscience, LLC
2024200139	Cote, K.	2024204958	Tencent America LLC
2024200187	Visser, D.	2024204959	Tencent America LLC
2024200245	Bourchier Pty Ltd	2024204960	Dow AgroSciences, LLC
2024200253	TRACTO-TECHNIK GmbH & Co. KG	2024204961	Apple Inc.
2024200262	Angel Group Co., Ltd.	2024204963	Technological Resources Pty. Limited
2024200318	Wang, Z.; Wang, Y.; Xuzhou Xinkun Electric Co., Ltd	2024204977	The Scripps Research Institute
2024200327	TEGA INDUSTRIES LIMITED	2024204978	The Coca-Cola Company
2024200338	Techtronic Cordless GP	2024204983	The Tru Shrimp Company
2024200343	Thermal Road Repairs Limited	2024204984	Naturex SA
2024200379	Toyota Jidosha Kabushiki Kaisha; Komatsu Ltd.	2024204986	Wang, Y.; Solymosi, G.; Kim, Y.
2024200380	Toyota Jidosha Kabushiki Kaisha; Komatsu Ltd.	2024204987	Coogee Minerals Pty Ltd
2024200384	Raytheon Systems Ltd.	2024204988	GENENTECH, INC.
2024200415	Norwood Industries Inc.	2024204989	Lindsay Transportation Solutions, LLC
2024200487	Romar Engineering Pty Ltd	2024204992	Palairat, T.
2024203330	The Trustees of the University of Pennsylvania	2024204994	Imperative Execution Inc.
2024203392	CS Genetics Limited	2024204995	Takeda Pharmaceutical Company Limited
2024203661	Arrowhead Pharmaceuticals, Inc.	2024204996	Technische Universität München
2024203827	YALE UNIVERSITY; University of Rhode Island Board of Trustees	2024205000	Impossible Foods Inc.
2024204309	Sarepta Therapeutics, Inc.	2024205002	W.M. Barr & Company, Inc.
2024204388	Glaukos Corporation	2024205004	AbbVie Inc.
2024204584	Unova Limited	2024205006	NOWWW.US PTY LTD
2024204637	MECCANICA BREGANZESE S.p.A. in breve MB S.p.A.	2024205009	Angel Group Co., Ltd.
2024204739	Spogen Biotech Inc.	2024205010	Deciphera Pharmaceuticals, LLC
2024204759	BLUE EGGPLANT PTY LTD	2024205011	Universal Field Robots Pty Ltd.
2024204790	MERLIN LABS, INC.	2024205012	Ergon Asphalt & Emulsions, Inc.; A.L.M Holding Company
2024204863	Novartis AG; Korea Research Institute of Chemical Technology; Katholieke Universiteit Leuven	2024205013	Wonderland Switzerland AG
2024204865	Trina Solar Co., Ltd.	2024205015	LifeCell Corporation
2024204876	Pyrogenesis Canada Inc.	2024205018	Keystone Tower Systems, Inc.
2024204877	Precigen, Inc.	2024205020	Dolby International AB
2024204884	Alexion Pharmaceuticals, Inc.	2024205025	Virentia Innovation Inc.
2024204890	BioNTech SE	2024205026	SAP SE
2024204905	Fred Hutchinson Cancer Center	2024205027	Elevation Spine, Inc.
2024204908	Amazentis SA	2024205032	Cantor Index LLC
2024204909	Trina Solar Co., Ltd.	2024205040	Huawei Technologies Co., Ltd.
2024204917	Willow Innovations, Inc.	2024205041	Angel Group Co., Ltd.
2024204919	Novozymes A/S	2024205044	Huawei Technologies Co., Ltd.
2024204920	Nu Flow Technologies 2000 Inc.	2024205045	Acceleron Pharma Inc.
2024204921	Mayborn (UK) Limited	2024205046	Regeneron Pharmaceuticals, Inc.
2024204922	CAAMTECH, INC.		
2024204923	HONEYWELL INTERNATIONAL INC.		
2024204924	Chugai Seiyaku Kabushiki Kaisha; F. Hoffmann-La Roche AG		
2024204925	Ikaika Therapeutics, LLC		
2024204928	GW Research Limited		

IPC Index

A01B 73 /- 2023284159	A24F 40 /- 2024204936	A61K 39 /- 2024204905 2024204924 2024204957 2024204988 2024204995	2024204995	B29C 53 /- 2024205018	B64G 3 /- 2024204956
A01D 46 /- 2024205011	A47B 25 /- 2024205009 2024205041	A61K 45 /- 2024204905 2024204988 2024205010	A61P 43 /- 2024205004	B29C 63 /- 2024204920	B65D 51 /- 2024205002
A01H 4 /- 2024204941	A47K 3 /- 2023202306	A61K 47 /- 2024205004 2024205046	A61P 7 /- 2024204924	B29L 31 /- 2024200487	B66F 9 /- 2024200262
A01H 5 /- 2024204739 2024204941	A61B 1 /- 2024204940	A61K 48 /- 2024204309	A61P 9 /- 2024205045	B60L 5 /- 2023285875	B67D 1 /- 2024204929
A01K 15 /- 2023200291	A61B 17 /- 2024205027	A61K 49 /- 2024203827	A63B 57 /- 2024204992	B60L 53 /- 2023258389	C01F 5 /- 2024204987
A01K 61 /- 2024204983	A61B 18 /- 2024204940	A61K 49 /- 2024203827	A63F 13 /- 2024205032	B60M 1 /- 2024204933 2024204934	C02F 1 /- 2024204987
A01L 11 /- 2023200291	A61B 3 /- 2024204388	A61K 49 /- 2024203827	B01D 11 /- 2024205025	B60M 7 /- 2024204933 2024204934	C04B 111 /- 2024204944
A01N 25 /- 2024204739 2024204960	A61B 34 /- 2024204940	A61K 9 /- 2024200487	B01D 46 /- 2024200318	B60N 2 /- 2024204937 2024205013	C04B 18 /- 2024205012
A01N 37 /- 2024204960	A61B 5 /- 2024204388 2024204935	A61L 27 /- 2024205015	B01D 47 /- 2024200318	B60R 21 /- 2023251428	C04B 24 /- 2024204944
A01N 39 /- 2024204960	A61B 8 /- 2024204940	A61M 1 /- 2024204917	B01D 50 /- 2024200318	B60T 7 /- 2023251428	C04B 26 /- 2024205012
A01N 43 /- 2024204960	A61D 3 /- 2023200291	A61M 11 /- 2024204936	B01D 53 /- 2024200318 2024205002	B60W 30 /- 2023229479 2023251428 2024200380	C04B 28 /- 2024204944
A01N 57 /- 2024204739	A61F 11 /- 2024204923	A61M 15 /- 2024204936	B02C 1 /- 2024204637	B60W 40 /- 2023229479 2023251428 2024200379 2024200380	C04B 41 /- 2024204944
A01N 59 /- 2024204739	A61F 2 /- 2024205027	A61M 37 /- 2024200487	B05B 17 /- 2024204936	B60W 50 /- 2023229479 2023251428	C07C 1 /- 2024204996
A01P 13 /- 2024204960	A61F 9 /- 2024204388	A61P 13 /- 2024205045	B06B 1 /- 2024204936	B60W 60 /- 2023229479	C07C 9 /- 2024204996
A23D 7 /- 2024204984 2024205000	A61J 11 /- 2024204921	A61P 25 /- 2024204928 2024205046	B07B 1 /- 2024200327 2024204637	B62B 7 /- 2024204953	C07D 307 /- 2024204863
A23D 9 /- 2024205000	A61J 9 /- 2024204921	A61P 29 /- 2024204884 2024205046	B21C 37 /- 2024205018	B62B 9 /- 2024204953	C07D 471 /- 2024204977
A23J 1 /- 2024205000 2024205025	A61K 31 /- 2024204863 2024204905 2024204908 2024204922 2024204928 2024204977 2024204988 2024205010 2024205046	A61P 3 /- 2024205046	B23B 45 /- 2024204931	B63B 35 /- 2023258460	C07D 487 /- 2024204922
A23K 10 /- 2024205025	A61K 35 /- 2024204905 2024204988 2024205004 2024205010 2024205045 2024205046	A61P 31 /- 2024204863	B25B 23 /- 2023200301	B63C 1 /- 2023258460	C07H 15 /- 2024205025
A23L 2 /- 2024204978	A61K 36 /- 2024204908	A61P 35 /- 2024204877 2024204905 2024204957 2024204988 2024205004 2024205010 2024205045 2024205046	B25F 5 /- 2024200338	B63C 7 /- 2023258460	C07H 21 /- 2024204309
A23L 27 /- 2024204978	A61K 38 /- 2024203827 2024204947 2024205045	A61P 37 /- 2024204884 2024204905	B25J 5 /- 2024205011	B64B 45 /- 2024204943	C07J 41 /- 2024205046
A23L 33 /- 2024204908 2024205025			B25J 9 /- 2024205011	B64D 51 /- 2024204943	C07J 71 /- 2024205025 2024205046
A24B 15 /- 2024204936			B27B 29 /- 2024200415	B64G 1 /- 2024204956	C07K 1 /- 2024204995 2024205025
			B29C 33 /- 2024200487		C07K 14 /- 2024203827 2024204877
			B29C 45 /- 2024200487		

Applications Open to Public Inspection - IPC Index cont'd

2024204919	<u>E01C 23 /-</u>	<u>F17C 13 /-</u>	<u>G06F 12 /-</u>		<u>H04W 76 /-</u>
2024204925	2024200343	2023375282	2024205026	<u>G08G 5 /-</u>	2024204961
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		<u>F21V 17 /-</u>	<u>G06F 16 /-</u>		2024204961
<u>C07K 16 /-</u>	<u>E01F 15 /-</u>	2023200362	2023251428	<u>G10L 15 /-</u>	
2024204877	2024204989		2023270337	2024204790	<u>H05B 7 /-</u>
2024204884		<u>F21V 19 /-</u>	2024204790		2024204876
2024204995	<u>E02F 3 /-</u>	2023200362		<u>G10L 19 /-</u>	
2024205004	2023285694		<u>G06F 21 /-</u>	2024205020	<u>H05K 1 /-</u>
2024205045	2024204637	<u>F22B 33 /-</u>	2024200384	<u>G10L 21 /-</u>	2024204939
		2024204920	2024205006	2024204790	<u>H05K 3 /-</u>
<u>C07K 7 /-</u>	<u>E02F 9 /-</u>	<u>F24F 3 /-</u>	<u>G06F 3 /-</u>		2024204939
2024203827	2023285694	2024205002	2024204923	<u>G16H 30 /-</u>	
	2024204637		2024204940	2024204949	<u>No IPC Mark</u>
<u>C08H 1 /-</u>	<u>E03C 1 /-</u>	<u>F24F 8 /-</u>	2024204956		
2024205025	2024204584	2024200318		<u>H01L 31 /-</u>	
			<u>G06F 30 /-</u>	2024204865	
<u>C08K 5 /-</u>	<u>E04B 1 /-</u>	<u>F41A 21 /-</u>	2024204956	2024204909	
2024205012	2024200187	2024200245			<u>H01M 10 /-</u>
			<u>G06F 40 /-</u>	2024200338	
<u>C08L 89 /-</u>	<u>E04C 2 /-</u>	<u>G01C 21 /-</u>	2024204790		
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			<u>G06N 20 /-</u>	2023203046	
<u>C08L 91 /-</u>	<u>E04G 21 /-</u>	<u>G01G 19 /-</u>	2024204949	2023203049	
2024205012	2023200356	2023285855			<u>H01M 50 /-</u>
		2024204943	<u>G06Q 10 /-</u>	2024200338	
<u>C08L 95 /-</u>	<u>E04H 12 /-</u>	<u>G01G 23 /-</u>	2024204963		
2024205012	2024205018	2023285855		<u>H01R 39 /-</u>	
			<u>G06Q 30 /-</u>	2024204942	
<u>C09D 1 /-</u>	<u>E06B 9 /-</u>	<u>G01G 3 /-</u>	2024204994		
2024204944	2024204948	2023285855		<u>H02J 7 /-</u>	
			<u>G06Q 40 /-</u>	2023258389	
<u>C10J 3 /-</u>	<u>E21B 17 /-</u>	<u>G01M 1 /-</u>	2024204994		
2024204876	2024200253	2024204943		<u>H02M 5 /-</u>	
			<u>G06Q 50 /-</u>	2023258389	
<u>C10L 3 /-</u>	<u>F04B 19 /-</u>	<u>G01N 33 /-</u>	2024204963		
2024204996	2023375282	2024204890		<u>H02M 7 /-</u>	
		2024205010	<u>G06T 11 /-</u>	2023258389	
<u>C11B 1 /-</u>	<u>F04B 37 /-</u>	<u>G01R 31 /-</u>	2023270218		
2024205025	2023375282	2024204986	2023270337	<u>H04L 1 /-</u>	
			2024204940	2024205044	
<u>C11B 5 /-</u>	<u>F04B 53 /-</u>	<u>G01S 5 /-</u>	2024204956		
2024204984	2023375282	2024204961		<u>H04L 9 /-</u>	
			<u>G06T 17 /-</u>	2024205006	
<u>C12N 15 /-</u>	<u>F16B 2 /-</u>	<u>G05B 19 /-</u>	2023270218		
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2024204905	<u>F16B 33 /-</u>	<u>G05D 1 /-</u>	2023270218	2024204951	
2024204919	2024200253	2023282317	2023270337	2024204958	
2024204941		2024200139	2024204940	2024204959	
2024204952	<u>F16K 11 /-</u>	2024200262	2024204949	2024205040	
	2024204584	2024205011	2024205009		
<u>C12N 5 /-</u>	<u>F16K 3 /-</u>	<u>G05D 23 /-</u>	2024205041	<u>H04R 1 /-</u>	
2024205025	2024204584	2024204584		2024204923	
		<u>G05D 3 /-</u>	<u>G06T 7 /-</u>		
<u>C12N 9 /-</u>	<u>F16K 31 /-</u>	2023282317	2023270218	<u>H04R 29 /-</u>	
2024205025	2024204584	2023282317	2024204940	2024204923	
			2024204949		
<u>C12Q 1 /-</u>	<u>F16L 55 /-</u>	<u>G05D 7 /-</u>	2024205009	<u>H04R 3 /-</u>	
2024203392	2024204920	2024200139	2024205041	2024204923	
2024204952			<u>G07B 15 /-</u>		
	<u>F16L 58 /-</u>	<u>G05D 7 /-</u>	2024204943	<u>H04W 4 /-</u>	
<u>C40B 40 /-</u>	2024204920	2024200139		2024204961	
2024203392			<u>G07C 11 /-</u>		
	<u>F16M 11 /-</u>	<u>G06F 1 /-</u>	2024205009	<u>H04W 64 /-</u>	
<u>E01B 29 /-</u>	2024204759	2024200005	2024205041	2024204961	
2023285876		2024204759			
	<u>F16M 13 /-</u>		<u>G08G 1 /-</u>		
<u>E01C 1 /-</u>	2024204759		2023251428		
2024205012			2024200379		
			2024200380		

Innovation Patents Open to Public Inspection**Name Index**

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. (**) Title not given

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

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(11) AU-A-2024100021

(21) 2024100021 **(22)** 12.07.2024

(54) User interfaces for viewing and refining the current location of an electronic device

(51) Int. Cl.

G06F 3/048 (2013.01)

G09G 5/373 (2006.01)

(45) 08.08.2024

(62) 2024100009

(72) Uzum Vella, Isil; Andrich, Brian J.; Apuy, Ryan Won-meng; Hajj, Usama M.; Sodervall, Erik G.; Figueroa, Hollie Renee; Li, Linghao; Johnson, Martin E.

(74) FPA Patent Attorneys Pty Ltd

Numerical Index

2024100021 Apple Inc.

IPC Index

G06F 3 /-

2024100021

G09G 5 /-

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PCT applications which have entered the National Phase

Name Index

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<p>(71) "SLEEP AND WAKE NEUROTECHNOLOGY CENTER" LIMITED LIABILITY COMPANY (11) AU-A-2022427570 (21) 2022427570 (22) 26.12.2022 (54) METHOD FOR CORRECTING A PERSON'S SLEEP PARAMETERS AND SYSTEM FOR THE IMPLEMENTATION THEREOF (51) Int. Cl. A61N 1/40 (2006.01) A61M 21/00 (2006.01) (87) WO2023/128836 (31) 2021139068 (32) 27.12.21 (33) RU (43) 06.07.2023 (72) BLOKHIN, Ilya Sergeevich (74) Armour IP</p>	<p>(43) 27.07.2023 (72) SCHERRER, Didier; POULETTY, Philippe; TAZI, Jamal; GARCEL, Aude (74) AJ PARK</p>	<p>(21) 2023216244 (22) 01.02.2023 (54) METHODS OF TREATING OCULAR NEOVASCULAR DISEASES USING AAV2 VARIANTS ENCODING AFLIBERCEPT (51) Int. Cl. C07K 14/475 (2006.01) A61K 38/17 (2006.01) A61K 48/00 (2006.01) C12N 15/86 (2006.01) (87) WO2023/150566 (31) 63/305,838 (32) 02.02.22 (33) US 63/336,191 28.04.22 US 63/336,789 29.04.22 US 63/339,795 09.05.22 US 63/435,103 23.12.22 US (43) 10.08.2023 (72) HANNA, Kelly; SCHAEFER-SWALE, Kellie; RILEY, Brigit; GRISHANIN, Ruslan; TURPCU, Adam; BECKMAN, Richard (74) Davies Collison Cave Pty Ltd</p>
<p>(71) ABB SCHWEIZ AG (11) AU-A-2022440073 (21) 2022440073 (22) 11.02.2022 (54) ELECTRICAL TRACTION SYSTEM FOR AN INDUSTRIAL ELECTRIC VEHICLE, INDUSTRIAL ELECTRIC VEHICLE, ELECTRICAL POWER SUPPLY SYSTEM AND METHOD OF PROVIDING ELECTRICAL ENERGY TO AN INDUSTRIAL ELECTRIC VEHICLE (51) Int. Cl. B60L 53/14 (2019.01) B60L 5/18 (2006.01) B60L 9/00 (2019.01) B60L 53/10 (2019.01) B60L 53/12 (2019.01) (87) WO2023/151809 (43) 17.08.2023 (72) BEUTLER, Nic; MICKE, Thorsten; JENELTEN, Thierry; DIKK, Stefan; ASHNAGARAN, Mehrzad (74) Griffith Hack</p>	<p>(71) ACADEMICA SINICA (11) AU-A-2023219172 (21) 2023219172 (22) 09.02.2023 (54) METHOD OF TREATING SPINAL CORD INJURY AND COMPOSITION FOR USE THEREIN (51) Int. Cl. C07H 19/167 (2006.01) A61K 31/52 (2006.01) A61K 31/7076 (2006.01) A61P 25/00 (2006.01) C07D 473/34 (2006.01) C07D 498/02 (2006.01) (87) WO2023/154804 (31) 63/308,720 (32) 10.02.22 (33) US (43) 17.08.2023 (72) CHERN, Yijuang; FANG, Jim-Min; LIN, Chun-Jung; LU, Chiao-Shin; CHEN, Kuan-Yu (74) Griffith Hack</p>	<p>(71) AERODEL TECHNOLOGIES LLP (11) AU-A-2022426831 (21) 2022426831 (22) 27.12.2022 (54) AN ENHANCER FOR DELIVERY OF AEROSOL FROM A PRESSURIZED METERED DOSE INHALER (PMDI) (51) Int. Cl. A61M 11/00 (2006.01) A61M 15/00 (2006.01) (87) WO2023/126964 (31) 202121061896 (32) 30.12.21 (33) IN (43) 06.07.2023 (72) SANGWAI, Shradha; JAFFER, Zahir; K K, Suraj Rajan (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD</p>
<p>(71) ABIVAX (11) AU-A-2023208414 (21) 2023208414 (22) 20.01.2023 (54) COMBINATION OF 8-CHLORO-N-(4-(TRIFLUOROMETHOXY)PHENYL)QUINOLINAMINE AND ITS DERIVATIVES WITH A JAK INHIBITOR (51) Int. Cl. A61K 31/47 (2006.01) A61K 31/4709 (2006.01) A61K 31/4985 (2006.01) A61K 31/706 (2006.01) A61K 45/06 (2006.01) A61P 29/00 (2006.01) (87) WO2023/139233 (31) 22305068.3 (32) 24.01.22 (33) EP</p>	<p>(71) ADIVO GMBH (11) AU-A-2023222463 (21) 2023222463 (22) 17.02.2023 (54) FELINE ANTIBODY LIBRARY (51) Int. Cl. C07K 16/00 (2006.01) C40B 40/00 (2006.01) (87) WO2023/156625 (31) 22157611.9 (32) 18.02.22 (33) EP (43) 24.08.2023 (72) BAER, Philipp; STERNER, Andrea; WALDHUBER, Markus (74) Davies Collison Cave Pty Ltd</p>	<p>(71) ALCON INC. (11) AU-A-2023244661 (21) 2023244661 (22) 27.03.2023 (54) SLOTTED TUBING SECURITY PLATFORM (51) Int. Cl. A61M 25/02 (2006.01) A61F 9/00 (2006.01) (87) WO2023/187609 (31) 63/362,229 (32) 31.03.22 (33) US (43) 05.10.2023 (72) CHON, James Y.; CICCHELLA, Joel; HENG, Robert Jeffrey; LIAO, Grace Chuang; SINHA, Ashish (74) PHILLIPS ORMONDE FITZPATRICK</p>
<p>(71) ADVANCED FLOW SOLUTIONS, INC. (11) AU-A-2023204776 (21) 2023204776 (22) 04.01.2023 (54) FLUID TRANSFER SYSTEM USING SMART REGISTER APPLICATIONS AND METHOD OF USING A FLUID TRANSFER SYSTEM (51) Int. Cl. G01F 15/063 (2022.01) B67D 7/16 (2010.01) B67D 7/22 (2010.01) B67D 7/30 (2010.01) (87) WO2023/133402 (31) 63/296,256 (32) 04.01.22 (33) US (43) 13.07.2023 (72) CLEVINGER, Dan; HAGEMAN, Jeff (74) FB Rice Pty Ltd</p>	<p>(71) ADVERUM BIOTECHNOLOGIES, INC. (11) AU-A-2023216244</p>	<p>(71) AMADEUS S.A.S. (11) AU-A-2023248019 (21) 2023248019 (22) 10.03.2023 (54) INFORMATION ACCESS HANDOVER (51) Int. Cl.</p>

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

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(72) MOUYADE, Jean; NAIT OUSLIMANE, Sofiane; LIU, Kuanting
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- (71)** AMGEN INC.
(11) AU-A-2023219515
(21) 2023219515 **(22)** 08.02.2023
(54) ANTIBODY PROTEIN PRODUCT EXPRESSION CONSTRUCTS FOR HIGH THROUGHPUT SEQUENCING
(51) Int. Cl.
C12N 15/09 (2006.01)
(87) WO2023/154305
(31) 63/308,922 **(32)** 10.02.22 **(33)** US
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(72) DRIESCHE, Sarah Van; JONES, Amy Pandya
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- (71)** AMGEN INC.
(11) AU-A-2023225043
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(54) METHODS OF PREPARING HIGH CONCENTRATION LIQUID DRUG SUBSTANCES
(51) Int. Cl.
C12N 15/10 (2006.01)
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(72) SAWANT, Namita; CHAMARTHY, Sai Prasanth; MCAULEY, Arnold; SAHU, Swagat
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- (71)** AMSTED RAIL COMPANY, INC.
(11) AU-A-2022436885
(21) 2022436885 **(22)** 08.12.2022
(54) RAILWAY VEHICLE COUPLER HAVING ROBUST KNUCKLE
(51) Int. Cl.
B61G 7/00 (2006.01)
B61G 3/04 (2006.01)
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(72) WIKE, Paul; DEWALD, Dale, K.; PETRUNICH, Tom; TODT, Matthew; SANDERS, Paul
(74) Murray Trento & Associates Pty Ltd
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(54) MANAGEMENT SYSTEM
(51) Int. Cl.
A63F 1/06 (2006.01)
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(72) SHIGETA Yasushi
(74) RnB IP Pty Ltd
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(51) Int. Cl.
A01N 63/28 (2020.01)
A01P 21/00 (2006.01)
C12N 1/20 (2006.01)
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(43) 14.09.2023
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(21) 2023216674 **(22)** 01.02.2023
(54) METHOD OF CONTROLLING A GRADING ATTACHMENT ON A SKID STEER VEHICLE
(51) Int. Cl.
E02F 3/76 (2006.01)
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E02F 3/80 (2006.01)
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(72) ARMAS, David
(74) Wynnes Patent and Trade Mark Attorneys Pty Ltd
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- (71)** ASAHI KASEI KABUSHIKI KAISHA
(11) AU-A-2023213348
(21) 2023213348 **(22)** 27.01.2023
(54) NEGATIVE ELECTRODE FOR HYDROGEN GENERATION, NEGATIVE ELECTRODE FOR ALKALINE WATER ELECTROLYSIS, METHOD FOR PRODUCING NEGATIVE ELECTRODE, BIPOLAR ELECTROLYTIC CELL, ELECTROLYSIS CELL FOR ALKALINE WATER ELECTROLYSIS, AND METHOD FOR PRODUCING HYDROGEN
(51) Int. Cl.
C25B 11/081 (2021.01)
B01J 23/89 (2006.01)
C01B 3/02 (2006.01)
C25B 1/04 (2021.01)
C25B 9/75 (2021.01)
C25B 11/093 (2021.01)
(87) WO2023/145914
(31) 2022-012404 **(32)** 28.01.22 **(33)** JP
(43) 03.08.2023
(72) NAKAJIMA Yasuhiro; YOSHIDA Jun; NAGATA Dai; FUJIMOTO Norikazu
(74) Griffith Hack
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- (71)** ASSA ABLOY ENTRANCE SYSTEMS AB
(11) AU-A-2023225061
(21) 2023225061 **(22)** 17.02.2023
(54) CENTRAL MONITORING OF A PLURALITY OF ENTRANCE SYSTEM INSTALLATION FOR COMPUTERIZED FAILURE PREDICTION, METHOD OF PREDICTING FAILURES AMONG A PLURALITY OF ENTRANCE SYSTEM INSTALLATIONS, COMPUTER PROGRAM PRODUCT AND COMPUTER READABLE MEDIUM
(51) Int. Cl.
E05F 15/73 (2015.01)
E05F 15/70 (2015.01)
(87) WO2023/161160
(31) 2230050-3 **(32)** 22.02.22 **(33)** SE
(43) 31.08.2023
(72) DREYER, Roger
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(11) AU-A-2023229967
(21) 2023229967 **(22)** 09.03.2023
(54) A SCORING METHOD FOR AN ANTI-FR α ANTIBODY-DRUG CONJUGATE THERAPY
(51) Int. Cl.
G01N 33/574 (2006.01)
C07K 17/00 (2006.01)
G01N 33/68 (2006.01)
G06F 18/00 (2023.01)
G06V 10/75 (2022.01)
(87) WO2023/170216
(31) 63/319,051 **(32)** 11.03.22 **(33)** US
(43) 14.09.2023
(72) DURHAM, Nicholas; ZERON-MEDINA CUAIRAN, Jorge; KAPIL, Ansh; SCHMIDT, Günter; WANG, Jixin
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(11) AU-A-2022421117
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(54) INFLATABLE STRUCTURES OF OR FOR SPACECRAFT
(51) Int. Cl.
B64G 1/22 (2006.01)
B64G 1/44 (2006.01)
(87) WO2023/119209
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(43) 29.06.2023
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(11) AU-A-2023228308
(21) 2023228308 **(22)** 28.02.2023
(54) PRECURSOR MARKERS AND RADIOTRACERS WITH THREE OR MORE TARGETING VECTORS FOR THERANOSTICS USED IN NUCLEAR MEDICINE
(51) Int. Cl.
A61K 51/04 (2006.01)
A61K 51/06 (2006.01)
A61K 51/08 (2006.01)

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 (11) AU-A-2023209798
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 (54) ANTI-PARASITE COMPOUNDS
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A61K 31/575 (2006.01)
A61K 31/568 (2006.01)
A61P 33/02 (2006.01)
A61P 33/06 (2006.01)
C07J 1/00 (2006.01)
C07J 7/00 (2006.01)
C07J 9/00 (2006.01)
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C07J 43/00 (2006.01)
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 olas; CLAUDIANOS, Charles; YATES,
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C22B 59/00 (2006.01)
C01F 17/10 (2020.01)
C01F 17/247 (2020.01)
C22B 1/11 (2006.01)
C22B 3/06 (2006.01)
C22B 3/22 (2006.01)
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C07C 29/149 (2006.01)
C07C 31/20 (2006.01)
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 OF GLYCOLIC ACID
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C07C 51/367 (2006.01)
C07C 59/06 (2006.01)
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C22B 1/02 (2006.01)
C22B 3/00 (2006.01)
C22B 3/08 (2006.01)
C22B 7/00 (2006.01)
C22B 15/00 (2006.01)
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C22B 47/00 (2006.01)
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A01N 65/08 (2009.01)
A01N 25/00 (2006.01)
A01N 43/40 (2006.01)
A01P 21/00 (2006.01)
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 gang; FAN, Zhihao; LIU, Tiegang; WU,
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 ARTIFICIAL BIOLOGICAL HEART
 VALVE
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A61F 2/24 (2006.01)
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 STATION AND SELF-CLEANING SYS-
 TEM
 (51) Int. Cl.
A47L 11/40 (2006.01)
A47L 11/24 (2006.01)
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 (74) Allens Patent & Trade Mark Attorneys
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 (54) SELF-CLEANING DUST COLLECTION
 HOLDER, AND DUST COLLECTION
 SYSTEM
 (51) Int. Cl.
A47L 11/40 (2006.01)
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A47L 11/40 (2006.01)
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A47L 11/40 (2006.01)
A47L 9/28 (2006.01)
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H04N 21/2187 (2011.01)
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(54) METHOD FOR GENERATING LABELED NUCLEIC ACID MOLECULAR POPULATION AND KIT THEREOF
(51) Int. Cl.
C12Q 1/68 (2018.01)
C12M 1/34 (2006.01)
C12Q 1/6837 (2018.01)
C12Q 1/6869 (2018.01)
C40B 20/02 (2006.01)
C40B 40/06 (2006.01)
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C12M 1/00 (2006.01)
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A61B 17/34 (2006.01)
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A61N 5/10 (2006.01)
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A61K 48/00 (2006.01)
C07K 7/00 (2006.01)
C07K 16/28 (2006.01)
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E02F 3/60 (2006.01)
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(51) Int. Cl.
B01D 67/00 (2006.01)
B01D 63/02 (2006.01)
B01D 65/00 (2006.01)
B01D 69/06 (2006.01)
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D04B 21/00 (2006.01)
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(11) AU-A-2023214138
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(54) METHOD FOR THE PRODUCTION OF A MEMBRANE ENVELOPE
(51) Int. Cl.
B01D 65/00 (2006.01)
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B01D 69/06 (2006.01)
B01D 69/10 (2006.01)
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(54) METHODS AND SYSTEMS FOR IDENTIFICATION IN A USER INTERFACE
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G06F 8/33 (2018.01)
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G06F 8/38 (2018.01)
G06F 9/451 (2018.01)
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(11) AU-A-2023225706
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(54) TUOHY VALVE TIGHTENING PORT FOR PERCUTANEOUS CIRCULATORY SUPPORT DEVICE REPOSITIONING AND AXIAL LOCKING
(51) Int. Cl.
A61M 39/06 (2006.01)
A61M 1/36 (2006.01)
A61M 60/30 (2021.01)
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(21) 2023224265 (22) 23.02.2023
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A61F 2/00 (2006.01)
A61F 2/26 (2006.01)
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(54) IN-LINE SENSOR, MILKING CLUSTER AND ASSOCIATED METHODS
(51) Int. Cl.
A01J 5/01 (2006.01)
A01J 5/013 (2006.01)
A01J 5/16 (2006.01)
A01J 7/00 (2006.01)
G01N 1/20 (2006.01)
G01N 33/04 (2006.01)
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(54) MULTI-FUNCTION COOLER
(51) Int. Cl.
F25D 3/08 (2006.01)
B65D 25/48 (2006.01)
B67D 3/02 (2006.01)
F25D 3/02 (2006.01)
F25D 3/06 (2006.01)
F25D 23/12 (2006.01)
B65D 25/20 (2006.01)
B65D 25/40 (2006.01)
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(54) METHODS AND COMPOSITIONS FOR TREATING INFLAMMATION INJURY IN THE LUNGS
(51) Int. Cl.
A61K 31/497 (2006.01)
A61K 31/573 (2006.01)
A61K 39/395 (2006.01)
A61P 1/18 (2006.01)
A61P 11/00 (2006.01)
A61P 29/00 (2006.01)
C07K 16/28 (2006.01)
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(54) COMPOSITIONS AND METHODS FOR IDENTIFICATION OF GENE FUSIONS
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C12Q 1/6806 (2018.01)
C12N 15/10 (2006.01)
C12Q 1/68 (2018.01)
C40B 40/02 (2006.01)
C40B 50/06 (2006.01)
G16B 20/00 (2019.01)
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(54) OBJECT DETECTION VISION SYSTEM
(51) Int. Cl.
E02F 9/26 (2006.01)
E02F 9/24 (2006.01)
G06T 5/00 (2006.01)
G06V 10/24 (2022.01)
G06V 10/40 (2022.01)
G06V 40/10 (2022.01)
H04N 7/18 (2006.01)
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(51) Int. Cl.
E21D 23/04 (2006.01)
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G05D 1/49 (2024.01)
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C01B 3/26 (2006.01)
B01J 19/12 (2006.01)
B01J 23/745 (2006.01)
C01B 3/30 (2006.01)
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C07D 279/20 (2006.01)
A61K 31/5415 (2006.01)
A61P 3/00 (2006.01)
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C07H 15/26 (2006.01)
A61K 31/713 (2006.01)
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A61L 15/58 (2006.01)
G01N 33/52 (2006.01)
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C12N 15/86 (2006.01)
A61K 48/00 (2006.01)
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C07K 14/005 (2006.01)
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 (54) PHENETHYLAMINE DERIVATIVES, COMPOSITIONS, AND METHODS OF USE
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C07C 211/27 (2006.01)
A61K 31/36 (2006.01)
A61P 25/00 (2006.01)
C07C 217/08 (2006.01)
C07D 317/58 (2006.01)
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A61K 31/395 (2006.01)
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C07D 519/00 (2006.01)
A61K 31/517 (2006.01)
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A61P 35/00 (2006.01)
A61P 35/02 (2006.01)
C07D 403/04 (2006.01)
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C07K 7/08 (2006.01)
A61K 38/10 (2006.01)
A61K 38/12 (2006.01)
A61K 47/60 (2017.01)
A61K 47/61 (2017.01)
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 (54) A METHOD FOR INCREASING THE DIGESTIBILITY AND/OR ASSIMILABILITY OF PLANTS
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A01H 5/00 (2018.01)
C12N 1/14 (2006.01)
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C12N 1/16 (2006.01)
C12G 1/00 (2019.01)
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C12N 15/86 (2006.01)
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A61F 2/46 (2006.01)
A61B 17/17 (2006.01)
A61B 17/92 (2006.01)
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 (54) PCL BALANCING IN KNEE REPLACEMENT
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A61B 34/10 (2016.01)
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A61B 5/145 (2006.01)
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A61B 5/1495 (2006.01)
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 B05B 12/00 (2018.01)
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 A61C 19/04 (2006.01)
 G06N 3/09 (2023.01)
 G16H 50/20 (2018.01)
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 C25B 3/25 (2021.01)
 C01B 3/34 (2006.01)
 C01B 3/48 (2006.01)
 C01B 32/40 (2017.01)
 C10J 3/00 (2006.01)
 C10K 3/04 (2006.01)
 C25B 3/03 (2021.01)
 C25B 3/07 (2021.01)
 C25B 3/09 (2021.01)
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 G09F 3/00 (2006.01)
 G06K 19/06 (2006.01)
 G06Q 10/08 (2023.01)
 G09F 3/02 (2006.01)
 H04L 9/32 (2006.01)
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 (51) Int. Cl.
 C12M 3/00 (2006.01)
 A61M 39/22 (2006.01)
 B01L 3/00 (2006.01)
 B81B 5/00 (2006.01)
 B81B 7/04 (2006.01)
 F16K 99/00 (2006.01)
 A01N 1/02 (2006.01)
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 (54) TRUSTED SEAMLESS AUTHENTICATION METHOD FOR ACCESS CONTROL
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 G07C 9/00 (2020.01)
 G06F 21/32 (2013.01)
 G07C 9/25 (2020.01)
 G07C 9/28 (2020.01)
 H04L 9/40 (2022.01)
 H04W 4/80 (2018.01)
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 C12Q 1/6809 (2018.01)
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 C40B 50/14 (2006.01)
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 A61K 31/4545 (2006.01)
 A61K 31/506 (2006.01)
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A61K 31/519 (2006.01)
A61P 35/00 (2006.01)
C07D 223/02 (2006.01)
C07D 239/00 (2006.01)
C07D 239/72 (2006.01)
C07D 241/06 (2006.01)
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 C04B 20/10 (2006.01)
 B05D 1/02 (2006.01)
 C23C 18/12 (2006.01)
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 A45D 34/04 (2006.01)
 A45D 34/00 (2006.01)
 A45D 40/00 (2006.01)
 A45D 40/26 (2006.01)
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 H04L 9/40 (2022.01)
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G01S 15/86 (2020.01)
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B63B 81/00 (2020.01)
B63B 17/00 (2006.01)
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B63C 11/00 (2006.01)
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H02S 20/10 (2014.01)
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C07J 41/00 (2006.01)
A61K 31/575 (2006.01)
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A61P 25/28 (2006.01)
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G10L 13/08 (2013.01)
G06F 40/40 (2020.01)
G06N 3/04 (2023.01)
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G10L 13/033 (2013.01)
G10L 13/047 (2013.01)
G10L 13/10 (2013.01)
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B05D 3/08 (2006.01)
B29C 59/08 (2006.01)
B32B 9/02 (2006.01)
B32B 9/04 (2006.01)
B32B 23/04 (2006.01)
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B32B 27/08 (2006.01)
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C07C 29/10 (2006.01)
C07C 31/20 (2006.01)
C07D 301/12 (2006.01)
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B01D 69/12 (2006.01)
B01D 71/56 (2006.01)
B01D 71/60 (2006.01)
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F16L 55/168 (2006.01)

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(74) Allens Patent & Trade Mark Attorneys
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C07K 16/18 (2006.01)
A61K 39/00 (2006.01)
A61P 7/00 (2006.01)
A61P 37/06 (2006.01)
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A61K 31/454 (2006.01)
A61K 9/08 (2006.01)
A61K 47/40 (2006.01)
A61P 37/08 (2006.01)
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C12N 5/077 (2010.01)
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A63H 33/10 (2006.01)
A63H 33/08 (2006.01)
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C12Q 1/6886 (2018.01)
C12Q 1/6827 (2018.01)
C12Q 1/686 (2018.01)
C12Q 1/6869 (2018.01)
G16H 50/30 (2018.01)
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B65B 13/02 (2006.01)
B65B 13/32 (2006.01)
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G06F 3/04842 (2022.01)
F24F 11/50 (2018.01)
G06F 3/0485 (2022.01)
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H04Q 9/00 (2006.01)
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A01K 67/027 (2006.01)
A61K 38/45 (2006.01)
A61K 48/00 (2006.01)
C12N 9/12 (2006.01)
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A61B 18/14 (2006.01)
A61B 18/00 (2006.01)
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B66C 7/08 (2006.01)
B66C 5/08 (2006.01)
B66C 7/14 (2006.01)
E01B 11/24 (2006.01)
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(31) 2201490.6 **(32)** 04.02.22 **(33)** GB
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C10L 3/10 (2006.01)
B01D 46/02 (2006.01)
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F16N 11/00 (2006.01)
F16N 3/12 (2006.01)
F16N 21/00 (2006.01)
F16N 29/02 (2006.01)
G01F 1/34 (2006.01)
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G01F 15/06 (2022.01)
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C07K 16/28 (2006.01)
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A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
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H01M 4/06 (2006.01)
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A01P 7/02 (2006.01)
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F04B 53/16 (2006.01)
F17C 13/04 (2006.01)
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B82Y 5/00 (2011.01)
A61K 39/385 (2006.01)
A61K 39/39 (2006.01)
A61P 37/04 (2006.01)
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A61P 1/12 (2006.01)
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A61C 13/00 (2006.01)
A61C 5/70 (2017.01)
A61C 13/083 (2006.01)
C03B 11/12 (2006.01)
C03C 3/085 (2006.01)
C03C 3/097 (2006.01)
C03C 4/00 (2006.01)
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A61K 9/28 (2006.01)
A61K 31/192 (2006.01)
A61K 31/4418 (2006.01)
A61K 31/496 (2006.01)
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G01C 21/16 (2006.01)
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B65D 3/06 (2006.01)
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B26F 3/00 (2006.01)
B65G 15/12 (2006.01)
B65G 15/60 (2006.01)
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A61K 35/747 (2015.01)
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G06T 19/00 (2011.01)
F42B 12/36 (2006.01)
G01S 19/42 (2010.01)
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A01N 47/36 (2006.01)
A01N 25/00 (2006.01)
A01N 37/02 (2006.01)
A01N 37/04 (2006.01)
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C01G 1/00 (2006.01)
C23F 14/02 (2006.01)
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B65D 88/28 (2006.01)
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A61K 31/7088 (2006.01)
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C07C 217/08 (2006.01)
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C10G 2/00 (2006.01)
B01J 8/00 (2006.01)
C07C 1/04 (2006.01)
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G06Q 50/26 (2012.01)
G08B 17/00 (2006.01)
G08B 21/02 (2006.01)
G08B 27/00 (2006.01)
H04W 4/02 (2018.01)
H04W 4/029 (2018.01)
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F17C 9/00 (2006.01)
B65D 90/24 (2006.01)
F17C 3/04 (2006.01)
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A61K 48/00 (2006.01)
A61K 38/17 (2006.01)
A61K 38/40 (2006.01)
A61P 25/16 (2006.01)
A61P 25/28 (2006.01)
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C12N 15/86 (2006.01)
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G06Q 30/08 (2012.01)
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 (51) Int. Cl.
A61K 35/74 (2015.01)
A23K 10/16 (2016.01)
A23L 33/135 (2016.01)
A61K 35/745 (2015.01)
A61P 1/00 (2006.01)
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C07D 401/14 (2006.01)
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A61K 31/4545 (2006.01)
A61P 35/00 (2006.01)
C07D 487/02 (2006.01)
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G06N 20/00 (2019.01)
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A63H 33/08 (2006.01)
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F16L 3/01 (2006.01)
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H04L 12/18 (2006.01)
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C12Q 1/6811 (2018.01)
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C02F 11/02 (2006.01)
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C09J 111/00 (2006.01)
C09J 111/02 (2006.01)
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G02B 7/09 (2021.01)
G03B 19/02 (2021.01)
H01L 27/146 (2006.01)
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F02B 51/02 (2006.01)
F02M 27/02 (2006.01)
F02B 63/04 (2006.01)
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C01B 32/50 (2017.01)

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B01D 53/74 (2006.01)
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A61B 34/30 (2016.01)
A61B 17/16 (2006.01)
A61B 34/10 (2016.01)
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C12P 19/34 (2006.01)
A61K 48/00 (2006.01)
(87) WO2023/141590
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A61K 8/00 (2006.01)
A61K 47/42 (2017.01)
A61P 13/06 (2006.01)
A61Q 19/10 (2006.01)
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E21B 7/15 (2006.01)
G01J 3/00 (2006.01)
G01N 21/67 (2006.01)
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A61B 5/055 (2006.01)
G16H 30/20 (2018.01)
A61B 5/367 (2021.01)
G01R 33/54 (2006.01)
G06N 3/06 (2006.01)
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A61K 8/00 (2006.01)
A61K 9/00 (2006.01)
A61K 38/48 (2006.01)
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A61P 9/00 (2006.01)
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G06T 19/20 (2011.01)
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A61K 31/519 (2006.01)
A61K 33/26 (2006.01)
A61P 17/06 (2006.01)
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(51) Int. Cl.
C12N 15/11 (2006.01)
A61K 48/00 (2006.01)
C12N 15/113 (2010.01)
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(51) Int. Cl.

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A61P 3/00 (2006.01)
A61P 35/00 (2006.01)
C07D 417/04 (2006.01)
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A61K 9/00 (2006.01)
A61K 31/351 (2006.01)
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A61K 31/505 (2006.01)
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A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
C12N 5/00 (2006.01)
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F16M 11/10 (2006.01)
F16M 11/18 (2006.01)
F24S 50/20 (2018.01)
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H02S 20/32 (2014.01)
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A61M 11/04 (2006.01)
A24F 40/00 (2020.01)
A61M 15/00 (2006.01)
A61M 15/02 (2006.01)
A61M 15/06 (2006.01)
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A63B 23/18 (2006.01)
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(51) Int. Cl.
F02C 3/22 (2006.01)
F02C 3/30 (2006.01)
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F02C 9/40 (2006.01)
F23R 3/28 (2006.01)
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F02C 6/18 (2006.01)
F01K 23/10 (2006.01)
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 A23L 2/38 (2021.01)
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 A23C 11/06 (2006.01)
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 A23L 7/104 (2016.01)
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 C12M 1/26 (2006.01)
 A61M 5/142 (2006.01)
 B01L 3/00 (2006.01)
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 C12N 15/113 (2010.01)
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 A61P 19/02 (2006.01)
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 A61K 39/12 (2006.01)
 A61K 39/00 (2006.01)
 A61P 31/14 (2006.01)
 C07K 14/005 (2006.01)
 C07K 14/195 (2006.01)
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 G06F 21/55 (2013.01)
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 H04L 9/40 (2022.01)
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 (74) FPA Patent Attorneys Pty Ltd
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B66F 9/06 (2006.01)
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F21V 19/00 (2006.01)
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A61K 35/14 (2015.01)
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G01N 33/50 (2006.01)
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A61K 35/17 (2015.01)
A61P 35/00 (2006.01)
C12N 15/86 (2006.01)
C07K 16/28 (2006.01)
C07K 16/46 (2006.01)
C12N 5/0783 (2010.01)
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A61M 5/315 (2006.01)
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A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
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 (72) HACKEL, Benjamin; HARTHORN, Abbigael
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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B29B 17/00 (2006.01)
B29B 17/02 (2006.01)
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 (72) WELLING, Martin; DAMHUS, Rasmus D.
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 (51) Int. Cl.
F23D 14/16 (2006.01)
F23D 14/82 (2006.01)
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 (72) ONO Takahiro; ASAHARA Makoto; MIYASAKA Takeshi; ASATO Katsuo
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F23D 14/82 (2006.01)
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 (72) ONO Takahiro; ASAHARA Makoto; MIYASAKA Takeshi; ASATO Katsuo
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G06Q 20/02 (2012.01)
G06Q 20/40 (2012.01)
H04L 9/00 (2022.01)
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- (71) ROHTO PHARMACEUTICAL CO., LTD.; SONIKURE HOLDINGS LIMITED
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 (54) METHOD FOR PREPARING CELLS FOR TREATING DISEASES, METHOD FOR PROMOTING MIGRATION ABILITY OF CELLS, METHOD FOR PROMOTING PROLIFERATION ABILITY OF CELLS, AND CELLS OBTAINED BY THESE METHODS
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C09J 123/08 (2006.01)
B32B 27/32 (2006.01)
C08K 5/05 (2006.01)
C08K 5/09 (2006.01)
C08L 91/06 (2006.01)
C09J 123/12 (2006.01)
C09J 123/14 (2006.01)
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A61K 31/44 (2006.01)
A61K 9/08 (2006.01)
A61K 31/445 (2006.01)
A61P 7/02 (2006.01)
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C07D 211/72 (2006.01)
C07D 405/12 (2006.01)
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C07D 471/14 (2006.01)
A61K 31/519 (2006.01)
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 H02M 7/483 (2007.01)
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G09B 9/00 (2006.01)
G06Q 10/04 (2023.01)
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A61L 2/18 (2006.01)
A61M 39/16 (2006.01)
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B01J 23/46 (2006.01)
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D21H 19/20 (2006.01)
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A61K 35/12 (2015.01)
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C12N 15/861 (2006.01)
A61K 38/00 (2006.01)
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A61P 35/00 (2006.01)
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C07K 14/725 (2006.01)
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C01B 21/32 (2006.01)
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C08K 3/34 (2006.01)
C04B 14/04 (2006.01)
C09D 133/12 (2006.01)
C09J 11/04 (2006.01)
C09J 133/12 (2006.01)
E04F 13/18 (2006.01)
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(51) Int. Cl.
C25B 1/04 (2021.01)
C25B 1/23 (2021.01)
C25B 9/70 (2021.01)
C25B 15/08 (2006.01)
F28D 9/00 (2006.01)
H01M 8/04007 (2016.01)
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C01B 17/16 (2006.01)
B01D 3/34 (2006.01)
C01B 17/50 (2006.01)
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C01B 17/80 (2006.01)
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C01B 3/02 (2006.01)
C01B 3/48 (2006.01)
C01C 1/04 (2006.01)
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H02K 1/27 (2022.01)
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C12Q 1/6851 (2018.01)
C12N 1/16 (2006.01)
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A23D 9/007 (2006.01)
A23G 1/32 (2006.01)
A23G 1/36 (2006.01)
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G01R 33/38 (2006.01)
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C25B 9/77 (2021.01)
C25B 15/021 (2021.01)
C25B 15/08 (2006.01)
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C10B 53/02 (2006.01)
C10J 3/20 (2006.01)
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A47D 9/00 (2006.01)
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C09K 8/467 (2006.01)
C04B 28/04 (2006.01)
C04B 28/06 (2006.01)
C04B 40/00 (2006.01)
E21B 33/14 (2006.01)
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A61P 35/00 (2006.01)
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C07K 16/24 (2006.01)
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G06F 40/00 (2020.01)
G06N 20/00 (2019.01)
G10L 15/00 (2013.01)
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A61P 1/16 (2006.01)
A61K 31/336 (2006.01)
A61P 3/04 (2006.01)
A61P 9/10 (2006.01)
A61P 11/00 (2006.01)
A61P 19/00 (2006.01)
A61P 19/02 (2006.01)
A61P 35/00 (2006.01)
C07D 303/16 (2006.01)
C07D 303/48 (2006.01)
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C07K 16/22 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
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A45D 44/00 (2006.01)
A45D 97/00 (2011.01)
B01F 33/84 (2022.01)
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B60K 1/00 (2006.01)
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AND APPARATUS THEREFOR, AND
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B60W 30/20 (2006.01)
B60W 10/04 (2006.01)
B60W 40/10 (2012.01)
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H01B 13/14 (2006.01)
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2021481308	BGI SHENZHEN	2022426831	ELTA SYSTEMS LTD.
2021481573	PEGAVISION CORPORATION	2022427028	AERODEL TECHNOLOGIES LLP
2021481664	OATLY AB	2022427044	BEIJING ROBOROCK TECHNOLOGY CO., LTD.
2022226249	UNIVERSITY OF UTAH RESEARCH FOUNDATION	2022427570	BEIJING ROBOROCK TECHNOLOGY CO., LTD.
2022289395	Modine LLC		"SLEEP AND WAKE NEUROTECHNOLOGY CENTER" LIMITED LIABILITY COMPANY
2022360014	COLQUÍMICA-INDÚSTRIA NACIONAL DE COLAS, S.A.	2022427862	WARPA (WORLD ADVANCE RESEARCH PROJECT AGENCY)
2022410524	EVOVE LTD	2022427990	STM INDUSTRIALE S.P.A.
2022410731	DIGITAL DIAGNOSTICS INC.	2022428552	BEIJING ROBOROCK TECHNOLOGY CO., LTD.
2022415717	CCTEG BEIJING TIANMA INTELLIGENT CONTROL TECHNOLOGY CO., LTD.; BEIJING CCRI-TIANMA AUTOMATION TECHNOLOGY CO. LTD.	2022429137	CHINA RAILWAY ENGINEERING EQUIPMENT GROUP CO., LTD.
2022417284	GB IP HOLDINGS PTY LTD	2022429284	SICHUAN GOODDOCTOR PANXI PHARMACEUTICAL CO., LTD.
2022417293	L&S DATA SCIENCE PTY LTD	2022429649	ILYA PHARMA AB
2022417344	ZHONGTIAN TECHNOLOGY SUBMARINE CABLE CO., LTD.	2022429960	DEXCOM, INC.
2022417355	DLOC BIOSYSTEMS, INC.	2022432151	ICSIP PTY LTD
2022417442	EM&I (RESOURCES) LIMITED	2022432207	CJ CHEILJEDANG CORPORATION
2022417613	EQUINIX, INC.	2022432792	KIMBERLY-CLARK WORLDWIDE, INC.
2022417665	KAHR MEDICAL LTD.	2022434628	VERIFONE, INC.
2022418272	RKVST LIMITED	2022435294	FUNDACIÓN DEL SECTOR PÚBLICO ESTATAL CENTRO NACIONAL DE INVESTIGACIONES ONCOLÓGICAS CARLOS III (F.S.P. CNIO)
2022418407	SHASHKIN, O.A.; VAULINA, L.V.; SIROUS, A.N.		DORMAKABA SCHWEIZ AG
2022418527	TARIS BIOMEDICAL LLC	2022435296	KULZER GMBH
2022418989	OSIVAX	2022436123	GUANGZHOU ZHIYI BIOTECHNOLOGY CO., LTD.
2022419149	DEPUY IRELAND UNLIMITED COMPANY	2022436554	AMSTED RAIL COMPANY, INC.
2022419178	MEZZION PHARMA CO., LTD.; YEAGER, J.L.	2022436885	PERIOTECH, LLC
2022419472	COLOWRAP, LLC.	2022436903	NISSIN DENTAL PRODUCTS INC.
2022419476	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	2022437142	LALTITUDE LLC
2022419573	SOLENIS TECHNOLOGIES CAYMAN, L.P.	2022437233	HUAWEI TECHNOLOGIES CO., LTD.
2022419656	PROVENTION BIO, INC.; UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INCORPORATED	2022437691	SOLAR FRONTIER K.K.
2022419993	REGENERON PHARMACEUTICALS, INC.	2022437900	YUNNAN BAIYAO GROUP CO., LTD.
2022420452	FARCO, J.	2022437929	PERIOTECH, LLC
2022420802	NOMONO AS	2022438301	SIEMENS ENERGY GLOBAL GMBH & CO. KG
2022420869	INSIGHTS INTERNATIONAL HOLDINGS, LLC, dba NANTRAK INDUSTRIES	2022438340	THE ALFRED E. MANN FOUNDATION FOR SCIENTIFIC RESEARCH
2022421117	ASTRIX ASTRONAUTICS LIMITED	2022438807	PUREWICK CORPORATION
2022421423	BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.	2022439143	INSTITUTE OF EXPERIMENTAL BOTANY CAS CR, V. I.; INTRACROP LIMITED
2022421751	CURIGIN CO.,LTD.	2022439774	ABB SCHWEIZ AG
2022422277	DEPUY IRELAND UNLIMITED COMPANY	2022440073	HEMOLENS DIAGNOSTIC SPÓŁKA Z OGRANICZONĄ ODPOWIEDZIALNOŚCIĄ
2022422579	IMPERIAL COLLEGE INNOVATIONS LIMITED	2022440238	PALO ALTO NETWORKS (ISRAEL ANALYTICS) LTD.
2022422775	CANEXIA HEALTH INC.	2022441431	PEREKRESNYI, A.
2022422877	NPL MANAGEMENT LIMITED	2022441873	CHINA PETROLEUM & CHEMICAL CORPORATION; SINOPEC EXPLORATION & PRODUCTION RESEARCH INSTITUTE
2022424142	KYINNO BIOTECHNOLOGY CO., LTD.	2022443138	HALLIBURTON ENERGY SERVICES, INC.
2022424144	JIANGSU HENGRUI PHARMACEUTICALS CO., LTD.; SHANGHAI SENHUI MEDICINE CO., LTD.; SHANGHAI SHENGDI PHARMACEUTICAL CO., LTD	2022444155	ELECTROLUX APPLIANCES AKTIEBOLAG
2022424200	IVENEER LTD	2022444830	ESSITY HYGIENE AND HEALTH AKTIEBOLAG
2022424727	BEIJING ROBOROCK TECHNOLOGY CO., LTD.	2022445925	RAZER (ASIA-PACIFIC) PTE. LTD.
2022424963	HEUVAN (CHONGQING) SCI-TECH CO., LTD.	2022452881	VUSIONGROUP SA
2022425078	NEWAMSTERDAM PHARMA B.V.	2022454518	RINNAI CORPORATION; NATIONAL UNIVERSITY CORPORATION TOKAI NATIONAL HIGHER EDUCATION AND RESEARCH SYSTEM
2022425085	MEMORIAL SLOAN-KETTERING CANCER CENTER; MEMORIAL HOSPITAL FOR CANCER AND ALLIED DISEASES; SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH	2022459866	RINNAI CORPORATION; NATIONAL UNIVERSITY CORPORATION TOKAI NATIONAL HIGHER EDUCATION AND RESEARCH SYSTEM
2022425372	TRELLISWARE TECHNOLOGIES, INC.	2022460124	SOCIEDAD ESPAÑOLA DE ELECTROMEDICINA Y CALIDAD, S.A.
2022425374	HYDROW, INC.		SITERWELL ELECTRONICS CO., LIMITED
2022425396	SCHNEIDER ELECTRIC INDUSTRIES SAS	2022478568	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
2022425458	UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE; CITY OF ESSEX JUNCTION		THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
2022425563	OCS IP PTY LTD	2022485742	
2022426608	BAYER AKTIENGESELLSCHAFT	2023204447	
2022426691	MEMORIAL SLOAN-KETTERING CANCER CENTER; MEMORIAL HOSPITAL FOR CANCER AND ALLIED	2023204490	

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

2023204773	MONOGRAM ORTHOPAEDICS INC.	2023211652	THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA
2023204776	ADVANCED FLOW SOLUTIONS, INC.	2023211693	M2X ENERGY INC.
2023204822	THE UNIVERSITY OF CHICAGO	2023211766	FUJITSU GENERAL LIMITED
2023204891	METRIOPHARM AG	2023211788	IONATE LIMITED
2023204895	KURS ORBITAL S.R.L.	2023211860	BLUE FOOT MEMBRANES NV
2023205120	MONOGRAM ORTHOPAEDICS INC.	2023211869	SAINT-GOBAIN ISOVER
2023205315	WONDERLAND SWITZERLAND AG	2023211944	SERRAMENTI BROMBAL S.R.L.
2023205318	RE-MATCH HOLDING A/S	2023211946	SHANGHAI CUREGENE PHARMACEUTICAL CO., LTD.
2023205321	WELLTEC MANUFACTURING CENTER COMPLETIONS APS	2023212044	PLUS THERAPEUTICS, INC.; NANOTX, CORP.
2023205554	BRUMATE, INC.	2023212085	HUAWEI TECHNOLOGIES CO., LTD.
2023205776	REGENERON PHARMACEUTICALS, INC.	2023212115	ZHEJIANG CFMOTO POWER CO., LTD.
2023205906	MONOGRAM ORTHOPAEDICS INC.	2023212216	CSPC MEGALITH BIOPHARMACEUTICAL CO., LTD.
2023205955	HUAWEI TECHNOLOGIES CO., LTD.	2023212459	LG CHEM, LTD.
2023207493	DIAMOND CUT REFINISHING HOLDINGS LIMITED	2023212622	HASS CO., LTD.
2023207537	DAIICHI SANKYO COMPANY, LIMITED; PEPTIDREAM INC.	2023212630	KOREA E-CREDIT TECHNOLOGY CO.,LTD.
2023207752	GUANGZHOU REALBENEFITSPOT PHARMACEUTICAL CO., LTD.	2023212846	COOK MEDICAL TECHNOLOGIES LLC; COOK BIOTECH INCORPORATED
2023207825	THERAVECTYS	2023212922	CATERPILLAR INC.
2023207943	ULMATEC HANDLING SYSTEMS AS	2023212994	GEORGIAMUNE INC.
2023208414	ABIVAX	2023213348	ASAHI KASEI KABUSHIKI KAISHA
2023208440	ORIBIOTECH LTD	2023213494	MITOIMMUNE THERAPEUTICS INC.
2023208467	KOREA INSTITUTE OF SCIENCE AND TECHNOLOGY	2023213616	ENTERIN, INC.
2023208594	DAEWOONG PHARMACEUTICAL CO., LTD.	2023213724	DOVETAIL GENOMICS, LLC
2023208612	NATIONAL UNIVERSITY OF SINGAPORE	2023213780	CHENGDU HENGHAO INNOVATIVE SCIENCE AND TECHNOLOGY CO., LTD.
2023208667	LIV PROCESS, INC.	2023213818	WERNER CO.
2023208976	QINGDAO HAIER LAUNDRY ELECTRIC APPLIANCES CO., LTD.; HAIER SMART HOME CO., LTD.	2023213822	XTEND AI INC.
2023209022	D3 BIO (WUXI) CO., LTD.	2023213838	RANPAK CORP.
2023209067	SOLENIIS TECHNOLOGIES CAYMAN, L.P.	2023213854	REGENERON PHARMACEUTICALS, INC.
2023209088	OFD BIOPHARMA, LLC	2023213873	GALVANIZE THERAPEUTICS, INC.
2023209094	NUOVO PIGNONE TECNOLOGIE - S.R.L.	2023213876	EXXONMOBIL TECHNOLOGY AND ENGINEERING COMPANY
2023209322	WAGENINGEN UNIVERSITEIT	2023213953	NEXT JUMP INC.
2023209332	CATERPILLAR INC.	2023213965	UNCHAINED LABS, LLC
2023209350	LEER GROUP	2023213970	M2X ENERGY, INC.
2023209405	REGENTS OF THE UNIVERSITY OF MINNESOTA	2023214017	FLAGSHIP PIONEERING INNOVATIONS VI, LLC
2023209457	MAMMOTH BIOSCIENCES, INC.	2023214044	KYMERA THERAPEUTICS, INC.
2023209470	LUMENUITY, LLC	2023214138	BLUE FOOT MEMBRANES NV
2023209536	CHENGDU XINZHENGHE PHARMACEUTICAL TECHNOLOGY CO. LTD	2023214156	TOPHAT INDUSTRIES LIMITED
2023209542	SHENZHEN IONOVA LIFE SCIENCE CO., LTD.; FOSHAN IONOVA BIOTHERAPEUTICS CO., INC.	2023214201	REDDRESS LTD.
2023209589	MNEMO THERAPEUTICS; INSTITUT CURIE; INSERM (INSTITUT NATIONAL DE LA SANTÉ ET DE LA RECHERCHE MÉDICALE)	2023214420	XGS ENERGY, INC.
2023209590	ENGIE	2023214451	WISCONSIN ALUMNI RESEARCH FOUNDATION
2023209765	JENIKE & JOHANSON, INC.	2023214481	DECIBEL THERAPEUTICS, INC.; REGENERON PHARMACEUTICALS, INC.
2023209798	AUSTRALIAN NATIONAL UNIVERSITY	2023214619	TETRA LAVAL HOLDINGS & FINANCE S.A.
2023209815	MAKO SURGICAL CORP.	2023214622	OCULIS OPERATIONS SARL
2023209816	THE REGENTS OF THE UNIVERSITY OF COLORADO, A BODY CORPORATE	2023214668	FAIRCRAFT
2023209914	CALCIMEDICA, INC.	2023214694	L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE
2023209917	OHIO STATE INNOVATION FOUNDATION	2023214735	INTERNATIONAL N&H DENMARK APS
2023209929	YUV BEAUTY, INC.	2023214799	ITS WATER GROUP SA
2023210077	KAWASAKI JUKOGYO KABUSHIKI KAISHA	2023214820	GANTRY RAILING LTD
2023210125	KOREA INSTITUTE OF SCIENCE AND TECHNOLOGY	2023215134	LIVEARENA TECHNOLOGIES AB
2023210187	AUSTRALIAN NATIONAL UNIVERSITY	2023215235	XGS ENERGY, INC.
2023210243	NEXTRACKER LLC	2023215244	CORN PRODUCTS DEVELOPMENT, INC.
2023210263	LOCUS SOLUTIONS IPCO, LLC	2023215306	VERDAGY, INC.
2023210276	ELC MANAGEMENT LLC	2023215407	SUBLIME SYSTEMS, INC.
2023210278	ORTHOBIO THERAPEUTICS, INC.	2023215434	LINDSAY CORPORATION
2023210405	PP ENERGY APS	2023215438	XGS ENERGY, INC.
2023210460	I-MOP GMBH	2023215462	TORUS INC.
2023210819	HYDROPROCESS	2023215613	BIONTECH SE
2023210899	NUOVO PIGNONE TECNOLOGIE - S.R.L.	2023215711	BASF SE
2023211042	SUN PHARMACEUTICAL INDUSTRIES LIMITED	2023215719	TETRA LAVAL HOLDINGS & FINANCE S.A.
2023211071	SERRAMENTI BROMBAL S.R.L.	2023215903	ROHTO PHARMACEUTICAL CO., LTD.; SONIKURE HOLDINGS LIMITED
2023211621	CONSTELLATION PHARMACEUTICALS, INC.	2023216031	ANGEL GROUP CO., LTD.
2023211644	TURION CORPORATION	2023216094	IPG PHOTONICS CORPORATION
		2023216104	TRAFFIX DEVICES, INC.
		2023216161	TAN, L.Y.

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

2023216239	NERIO THERAPEUTICS, INC.	2023226000	STERILECARE INC.
2023216244	ADVERUM BIOTECHNOLOGIES, INC.	2023226507	STERILECARE INC.
2023216305	D.E. SHAW RESEARCH, LLC	2023226887	SOMPO CARE INC.
2023216326	PEMDX PTY LTD	2023228176	NATIONAL CENTER FOR CHILD HEALTH AND DEVELOPMENT; SBI PHARMACEUTICALS CO., LTD.
2023216373	TRAVIN BIO, INC.	2023228308	ATOMS FOR CURE GMBH
2023216389	GLOBACHEM NV	2023228377	HORIZON THERAPEUTICS IRELAND DAC
2023216645	LIVEARENA TECHNOLOGIES AB	2023229043	COOLBROOK OY
2023216667	CECILIA ENERGY INC.; WILDFIRE, C.; MULEY, P.; ABEDIN, A.	2023229264	BOSTON SCIENTIFIC MEDICAL DEVICE LIMITED; BOSTON SCIENTIFIC SCIMED INC.
2023216674	ARMAS, D.	2023229943	FROMM HOLDING AG
2023217010	W. L. GORE & ASSOCIATES, INC.	2023229967	ASTRAZENECA AB
2023217631	SHOIFY INC.	2023230025	APHEA.BIO NV
2023217712	SPACECRAFT SEVEN, LLC	2023230323	SONY GROUP CORPORATION
2023217868	EVONIK OPERATIONS GMBH; DOW GLOBAL TECHNOLOGIES LLC	2023230574	SONY GROUP CORPORATION
2023217910	THYSSENKRUPP UHDE GMBH; THYSSENKRUPP AG	2023231071	IDEATE MEDICAL, INC.
2023218280	CONSOLIDATED METCO, INC.	2023231368	HILTI AKTIENGESSELLSCHAFT
2023218300	DIY RESOLUTIONS PTY LTD	2023231433	HEIDELBERG MATERIALS AG
2023218544	SILENCE THERAPEUTICS GMBH	2023232164	SIGMA-ALDRICH CO. LLC
2023218595	WILD HYDROGEN LIMITED	2023233331	KAHLER, A.
2023218956	BLUE PRISM LIMITED	2023233902	WEATHERFORD TECHNOLOGY HOLDINGS, LLC
2023219156	DANSTAR FERMENT AG	2023234649	AVANTIUM KNOWLEDGE CENTRE B.V.
2023219172	ACADEMICA SINICA	2023235460	JOHNSON MATTHEY DAVY TECHNOLOGIES LIMITED
2023219205	SALUDA MEDICAL PTY LTD	2023236763	BLACK CAT WEAR PARTS LTD.
2023219231	NICOVENTURES TRADING LIMITED	2023236906	AVANTIUM KNOWLEDGE CENTRE B.V.
2023219246	RAIN HARVESTING PTY LTD	2023236908	TETRA LAVAL HOLDINGS & FINANCE S.A.
2023219325	ESSE C.I. -SOCIETÀ COSTRUZIONI INDUSTRIALI-S.R.L.; GARGOYLE 1904 DI RICCARDO BALLONI S.A.S.; MANCINELLI, S.	2023237524	TOPSOE A/S
2023219456	CHINA MOBILE COMMUNICATION CO., LTD RESEARCH INSTITUTE; CHINA MOBILE COMMUNICATIONS GROUP CO., LTD.	2023237783	DIOXYCLE
2023219515	AMGEN INC.	2023240343	GEORGIA TECH RESEARCH CORPORATION
2023219998	METRO NORTH HOSPITAL AND HEALTH SERVICES	2023241555	KEY, C.
2023220104	YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD.	2023244202	COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN
2023220126	MOLECULE WORKS INC.	2023244661	ALCON INC.
2023220217	BEIJING BALANCE MEDICAL TECHNOLOGY CO., LTD.	2023246505	UNILEVER IP HOLDINGS B.V.
2023220657	DUKE STREET BIO LIMITED	2023246837	ESSITY HYGIENE AND HEALTH AKTIEBOLAG
2023220988	LORD CORPORATION	2023247899	COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN
2023221199	BOVONIC LIMITED	2023248019	AMADEUS S.A.S.
2023221507	MERZ PHARMA GMBH & CO. KGAA	2023249891	F. HOFFMANN-LA ROCHE AG; CHUGAI SEIYAKU KABUSHIKI KAISHA
2023221541	FAES FARMA, S.A.	2023252711	BIOBOT SURGICAL PTE. LTD.
2023221543	SYNGENTA CROP PROTECTION AG	2023254820	PRIME MEDICAL, LLC
2023221818	BEIJING BALANCE MEDICAL TECHNOLOGY CO., LTD.; WEST CHINA HOSPITAL OF SICHUAN UNIVERSITY	2023256873	DANSTAR FERMENT AG
2023221836	THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES	2023268137	SUMITOMO CHEMICAL COMPANY, LIMITED
2023221940	TEI ROCK DRILLS, INC.	2023285598	HALLIBURTON ENERGY SERVICES, INC.
2023222092	TOPSOE A/S	2023314637	ZHEJIANG ZEEKR INTELLIGENT TECHNOLOGY CO., LTD.; VIRIDI E-MOBILITY TECHNOLOGY (NINGBO) CO., LTD.; ZHEJIANG GEELY HOLDING GROUP CO., LTD.
2023222100	SYNGENTA CROP PROTECTION AG	2023335819	GAPS TECHNOLOGY, LLC
2023222109	HUHTAMÄKI OYJ	2023375282	GREAT SOUTHERN MOTOR COMPANY PTY. LTD.
2023222126	CYBIN IRL LIMITED	2023387772	LG ELECTRONICS INC.
2023222384	MERZ PHARMA GMBH & CO. KGAA		
2023222463	ADIVO GMBH		
2023222757	PROSCIA INC.		
2023223467	INSITRO, INC.		
2023224265	BOSTON SCIENTIFIC SCIMED, INC.		
2023224310	TOPSOE A/S		
2023224426	SASOL SOUTH AFRICA LIMITED		
2023224964	EAGLE EYE RESEARCH, INC.		
2023225043	AMGEN INC.		
2023225061	ASSA ABLOY ENTRANCE SYSTEMS AB		
2023225089	SKYSAILS POWER GMBH		
2023225596	NEXTPPOINT THERAPEUTICS, INC.		
2023225706	BOSTON SCIENTIFIC MEDICAL DEVICE LIMITED; BOSTON SCIENTIFIC SCIMED INC.		
2023225803	XILIO DEVELOPMENT, INC.		

IPC Index

<u>A01G 25 /-</u>	<u>A01P 7 /-</u>	<u>A45D 44 /-</u>	<u>A61B 90 /-</u>	2023209917	<u>A61K 45 /-</u>
2023215434	2023216389	2023209929	2023209815	2023211621	2023204891
				2023211946	2023208414
				2023212044	2023228377
<u>A01H 1 /-</u>	<u>A23C 11 /-</u>	<u>A45D 97 /-</u>	<u>A61C 13 /-</u>	2023213494	
2023221543	2021480812	2023209929	2022424200	2023213616	
	2021481664		2022436123	2023213780	<u>A61K 47 /-</u>
		<u>A47B 91 /-</u>	2023212622	2023214044	
<u>A01H 5 /-</u>	<u>A23D 9 /-</u>	2023205315		2023214201	2022417665
2023219156	2023246505		<u>A61C 19 /-</u>	2023214622	2022424144
2023221543		<u>A47C 7 /-</u>	2022410731	2023216239	2023207537
				2023216305	2023214622
<u>A01H 6 /-</u>	<u>A23G 1 /-</u>	2023254820		2023219172	2023221507
2023221543	2023246505	<u>A47D 9 /-</u>	<u>A61C 5 /-</u>	2023220104	2023221541
				2023220657	2023222384
<u>A01J 5 /-</u>	<u>A23G 3 /-</u>	2023205315	2022424200	2023221541	<u>A61K 48 /-</u>
2023221199	2023246505		2023212622	2023222126	
		<u>A47K 10 /-</u>		2023228176	2022419656
<u>A01J 7 /-</u>	<u>A23G 9 /-</u>			2023228377	2022421751
2023221199	2023246505	<u>A47K 11 /-</u>	2022438301		2022435294
				<u>A61K 33 /-</u>	2023208612
<u>A01K 67 /-</u>	<u>A23K 10 /-</u>	<u>A47L 11 /-</u>	<u>A61C 8 /-</u>	2023228176	2023209457
2022435294	2023208467	2022424727			2023210278
	2023210125	2022427028	<u>A61C 35 /-</u>	<u>A61K 35 /-</u>	2023214481
		2022427044	2022429649		2023215613
<u>A01N 1 /-</u>	<u>A23L 2 /-</u>	2022428552	2022436554	2022429649	2023216244
2022417355	2021480812	2022428552	2023204490	2022429649	2023215555
		2023210460	2023205776	2023208467	<u>A61K 51 /-</u>
<u>A01N 25 /-</u>	<u>A23L 29 /-</u>	<u>A47L 9 /-</u>	2023210125	2023210125	2023212044
2022426608	2023215244		2023214201	2023214201	2023228308
2022439774		<u>A61B 1 /-</u>	2023214735	2023214735	
		2023224265			<u>A61K 8 /-</u>
<u>A01N 37 /-</u>	<u>A23L 33 /-</u>	2022419472		<u>A61K 38 /-</u>	2023221507
2022439774	2023208467		<u>A61F 5 /-</u>	2022417665	2023222384
2023216389	2023210125	<u>A61B 17 /-</u>	2022429284	2022429284	
			2022429649	2022429649	<u>A61K 9 /-</u>
<u>A01N 43 /-</u>	<u>A23L 7 /-</u>	2022419149	2022435294	2022435294	2022424144
2022426608	2021481664	2022419472	2023207537	2023207537	2022425078
2022439774		2023205120	2023211652	2023211652	2023209088
2023222100		2023209815	2023216244	2023216244	2023211946
	<u>A23L 9 /-</u>	2023252711	2023217712	2023217712	2023212044
	2023215244	<u>A61B 18 /-</u>	2023222384	2023222384	2023214622
<u>A01N 47 /-</u>	<u>A23P 20 /-</u>		2023241555		2023214735
2022439774	2022432207	<u>A61B 18 /-</u>		<u>A61K 39 /-</u>	2023221507
		2023213873	<u>A61G 13 /-</u>	2022418989	2023221541
<u>A01N 59 /-</u>	<u>A23P 30 /-</u>			2022419656	2023222384
2022439774	2022432207	<u>A61B 34 /-</u>	<u>A61J 1 /-</u>	2022419656	2023228377
		2022422277		2022422579	
<u>A01N 63 /-</u>	<u>A24F 40 /-</u>	2023204773	2023214201	2022424142	<u>A61L 15 /-</u>
2022439774	2022432207	2023205906		2022437929	2022360014
2023230025		2023209815	<u>A61K 31 /-</u>	2023207752	2023226000
		2023230574		2023207825	
<u>A01N 65 /-</u>	<u>A45D 34 /-</u>	<u>A61B 5 /-</u>	2022419178	2023209405	<u>A61L 2 /-</u>
2022426608	2023219231		2022424144	2023209914	2023226507
		2022226249	2022425078	2023212216	2023231071
<u>A01P 21 /-</u>	<u>A45D 40 /-</u>	2022425085	2023204447	2023212994	
2022426608	2023210276	2022429960	2023204891	2023221836	<u>A61L 27 /-</u>
		2022440238	2023208414	2023225596	
2022439774		2023219205	2023208594	2023249891	2023226000
2023230025	2023210276		2023208667		
		<u>A61B 6 /-</u>	2023209022	<u>A61K 41 /-</u>	
			2023209536	2021206286	
		2022226249	2023209542		<u>A61M 1 /-</u>
			2023209798		2023214201
			2023209914		2023229264

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

<u>A61M 11 /-</u>	<u>A61P 17 /-</u>	2023220104 2023220657 2023221836 2023225596 2023225803 2023232164	<u>B01D 46 /-</u>	2023235460	<u>B26F 3 /-</u>
2022426831 2023219231	2022429284 2023211042 2023228176 2023228377		2023335819	<u>B01L 1 /-</u>	2023210819
<u>A61M 15 /-</u>			<u>B01D 53 /-</u>	2022426691	<u>B29B 17 /-</u>
2022426831 2023219231	<u>A61P 19 /-</u>	<u>A61P 37 /-</u>	2023211693 2023231433 2023268137	<u>B01L 3 /-</u>	2023205318
<u>A61M 16 /-</u>	2023210278 2023220104 2023228176	2022419656 2023207752 2023214735 2023221541 2023228176 2023249891	<u>B01D 61 /-</u>	2022417355 2022426691 2023208440	<u>B29C 45 /-</u>
2023216326	<u>A61P 21 /-</u>		2022410524 2022425458	<u>B05B 12 /-</u>	2023214619 2023215719
<u>A61M 21 /-</u>	2023204891	<u>A61P 39 /-</u>	<u>B01D 63 /-</u>	2023207493	<u>B29C 55 /-</u>
2022427570 2023219231	<u>A61P 25 /-</u>	2023213494	2023211860	<u>B05B 13 /-</u>	2023217010
<u>A61M 25 /-</u>	2023213616 2023213780 2023219172 2023222126 2023241555	<u>A61P 43 /-</u>	<u>B01D 65 /-</u>	2023207493	2023219325
2023244661		2022419178 2023207537 2023213494 2023228176	2023211860 2023214138	<u>B05B 16 /-</u>	<u>B29C 63 /-</u>
<u>A61M 31 /-</u>	<u>A61P 27 /-</u>	<u>A61P 7 /-</u>	<u>B01D 67 /-</u>	2023207493	2023213876
2022418527	2023214622	2023211946 2023214201 2023249891	2023211860 2023214138	<u>B05D 1 /-</u>	<u>B29C 67 /-</u>
<u>A61M 39 /-</u>	<u>A61P 29 /-</u>	<u>A61P 9 /-</u>	<u>B01D 69 /-</u>	2023224964	2023254820
2022417355 2023225706 2023226507 2023229264	2023208414 2023208467 2023209914 2023210278 2023213494 2023228176 2023241555	2022419178 2023207537 2023211946 2023213780 2023220104	2022410524 2023211860 2023214138	<u>B05D 3 /-</u>	<u>B31B 50 /-</u>
<u>A61M 5 /-</u>		<u>A61Q 19 /-</u>	<u>B01D 71 /-</u>	2023219325	2023215719
2023208440 2023213854	<u>A61P 3 /-</u>	2023221507	2022410524	<u>B07B 13 /-</u>	<u>B31D 5 /-</u>
<u>A61M 60 /-</u>	<u>A61P 31 /-</u>	<u>A63B 21 /-</u>	<u>B01F 25 /-</u>	2022441873	2023213838
2023229264	2022425078 2023208594 2023213780 2023216239 2023220104	2022425374	2023211860 2023214138	<u>B09B 101 /-</u>	<u>B32B 23 /-</u>
<u>A61N 1 /-</u>	<u>A61P 33 /-</u>	<u>A63B 22 /-</u>	<u>B01F 33 /-</u>	2022437900	2023219325
2022427570 2022438807 2023219205	2022418989 2023207825 2023241555	2022425374	2023229043	<u>B09B 3 /-</u>	2023254820
<u>A61N 5 /-</u>	<u>A61P 35 /-</u>	<u>A63B 23 /-</u>	<u>B01F 35 /-</u>	2022425563 2022437900	<u>B32B 27 /-</u>
2022436903 2023252711	2023209798	2023219231	2023209929	<u>B09B 5 /-</u>	2023219325 2023224426
<u>A61P 1 /-</u>		<u>A63F 1 /-</u>	<u>B01J 19 /-</u>	2022437900	<u>B32B 37 /-</u>
2022429649 2022436554 2023208467 2023209536 2023209914 2023210125 2023220104	<u>A61P 37 /-</u>	2023216031	<u>B01J 23 /-</u>	2022437900	2023214619
<u>A61P 11 /-</u>	2022417665 2022421751 2022424142 2022437929 2023205776 2023209022 2023209405 2023209542 2023211621 2023212044 2023212216 2023212994 2023213780 2023214044 2023216239	<u>A63H 33 /-</u>	2023216667 2023220126 2023229043	<u>B22F 10 /-</u>	<u>B32B 38 /-</u>
2023209914 2023220104 2023228377		2022420452 2022437233	<u>B01J 25 /-</u>	2023216094	2023214619 2023215719
<u>A61P 13 /-</u>	<u>B01D 3 /-</u>	<u>B01D 35 /-</u>	<u>B01J 31 /-</u>	<u>B22F 12 /-</u>	<u>B32B 5 /-</u>
2023221507	2023224310	2022425458	2023213348 2023216667 2023268137	2023216094	2023254820
	<u>B01D 5 /-</u>		<u>B01J 3 /-</u>	2023205120	<u>B32B 9 /-</u>
	2023224310		2023209765 2023218595	<u>B25G 3 /-</u>	2023219325 2023254820
	<u>B01D 35 /-</u>		<u>B01J 35 /-</u>	2023210460	<u>B33Y 10 /-</u>
	2022425458		2023268137	<u>B26D 1 /-</u>	2023216094
			<u>B01J 37 /-</u>	2023216161	<u>B60B 27 /-</u>
			2023268137	<u>B26D 7 /-</u>	2023218280
			<u>B01J 8 /-</u>	2023210819 2023216161	<u>B60C 11 /-</u>
			2023220126		2023247899

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

<u>B60K 1 /-</u>	2022427862 2023204895	<u>B81B 7 /-</u>	<u>C03C 10 /-</u>	<u>C07D 211 /-</u>	<u>C07D 487 /-</u>
2023212115		2022417355	2023212622	2023211946	2023214044 2023232164
<u>B60L 5 /-</u>	<u>B65B 13 /-</u>	<u>B82Y 40 /-</u>	<u>C03C 3 /-</u>	<u>C07D 215 /-</u>	<u>C07D 491 /-</u>
2022440073	2023229943	2023207752	2023212622	2023222100	2023209022
<u>B60L 53 /-</u>	<u>B65D 25 /-</u>	<u>B82Y 5 /-</u>	<u>C03C 4 /-</u>	<u>C07D 223 /-</u>	2023211621 2023214044
2022440073	2023205554	2023207752	2023212622	2023220657	<u>C07D 495 /-</u>
<u>B60L 9 /-</u>	<u>B65D 3 /-</u>	<u>C01B 17 /-</u>	<u>C04B 103 /-</u>	<u>C07D 239 /-</u>	2023212044
2022440073	2023222109	2023224310	2023214420	2023220657	<u>C07D 498 /-</u>
<u>B60W 10 /-</u>	<u>B65D 47 /-</u>	<u>C01B 21 /-</u>	<u>C04B 14 /-</u>	<u>C07D 241 /-</u>	2023219172
2023314637	2023210276	2023217910	2023214156	2023220657	<u>C07D 519 /-</u>
<u>B60W 30 /-</u>	<u>B65D 5 /-</u>	<u>C01B 3 /-</u>	<u>C04B 18 /-</u>	<u>C07D 279 /-</u>	2023209022
2023314637	2023215719	2023213348	2023231433	2023213780	<u>C07H 15 /-</u>
<u>B60W 40 /-</u>	<u>B65D 88 /-</u>	2023213970	<u>C04B 20 /-</u>	<u>C07D 285 /-</u>	2023209536
2023314637	2023209765	2023216667	2023215407	2023216239	<u>C07H 19 /-</u>
<u>B61G 3 /-</u>	<u>B65D 90 /-</u>	2023237524	2023224964	<u>C07D 301 /-</u>	2023219172
2022436885	2023210077	<u>C01B 32 /-</u>	2023231433	2023217868	<u>C07H 21 /-</u>
<u>B61G 7 /-</u>	<u>B65G 15 /-</u>	2023211693	<u>C04B 28 /-</u>	<u>C07D 303 /-</u>	2023209536
2022436885	2022427990	2023237783	2023214420	2023220104	<u>C07J 1 /-</u>
<u>B62D 33 /-</u>	<u>B65G 47 /-</u>	<u>C01C 1 /-</u>	2023215407	<u>C07D 317 /-</u>	2023209798
2023209350	2023209765	2023237524	2023231368	2023222126	<u>C07J 17 /-</u>
<u>B63B 17 /-</u>	<u>B65G 53 /-</u>	<u>C01D 15 /-</u>	2023231433	<u>C07D 327 /-</u>	2023209798
2022417442	2023209765	2022432151	<u>C04B 40 /-</u>	2023222126	<u>C07J 21 /-</u>
<u>B63B 27 /-</u>	<u>B65G 65 /-</u>	<u>C01F 17 /-</u>	<u>C07C 1 /-</u>	<u>C07D 401 /-</u>	2023209798
2023207943	2023209765	2023210187	2023235460	2023214044	2023213616
<u>B63B 43 /-</u>	<u>B66C 1 /-</u>	<u>C01F 7 /-</u>	<u>C07C 211 /-</u>	<u>C07D 403 /-</u>	<u>C07J 41 /-</u>
2022417442	2023221940	2023214799	2023222126	2023209022	2023213616
<u>B63B 81 /-</u>	<u>B66C 5 /-</u>	<u>C01G 1 /-</u>	<u>C07C 217 /-</u>	<u>C07D 405 /-</u>	<u>C07J 43 /-</u>
2022417442	2023214820	2023214799	2022424144	2023211946	2023209798
<u>B63C 11 /-</u>	<u>B66C 7 /-</u>	<u>C02F 1 /-</u>	2023222126	<u>C07D 413 /-</u>	2023211946
2022417442	2023214820	2022425458	<u>C07C 229 /-</u>	2023214044	<u>C07J 7 /-</u>
<u>B63G 8 /-</u>	<u>B66F 9 /-</u>	2023224310	2022424144	<u>C07D 417 /-</u>	2023209798
2022417442	2023213838	<u>C02F 11 /-</u>	<u>C07C 29 /-</u>	2023216239	2023209798
2022426826	<u>B67D 3 /-</u>	2023210263	2023217868	<u>C07D 471 /-</u>	<u>C07K 14 /-</u>
<u>B63H 9 /-</u>	<u>B66F 9 /-</u>	<u>C02F 5 /-</u>	2023234649	2021206286	2022417665
2023207943	2023205554	2022419573	<u>C07C 31 /-</u>	2023209542	2022418989
<u>B64C 31 /-</u>	<u>B67D 7 /-</u>	<u>C03B 11 /-</u>	2023217868	<u>C07D 473 /-</u>	2022421751
2023225089	2023204776	2023212622	2023234649	2023219172	2022422579
<u>B64G 1 /-</u>	<u>B81B 5 /-</u>	<u>C03B 5 /-</u>	<u>C07C 51 /-</u>		2023205776
2022421117	2022417355	2023211869	2023236906		2023207537
			<u>C07C 59 /-</u>		2023207825
			2023236906		2023214481

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

2023216244	<u>C08L 91 /-</u>	<u>C12N 1 /-</u>	<u>C22B 1 /-</u>	<u>C40B 20 /-</u>	<u>E04F 13 /-</u>
2023216373					
2023221836	2023224426	2022436554	2023210187	2021480351	2023214156
2023225803		2023216373	2023215711		
<u>C07K 16 /-</u>	<u>C09D 133 /-</u>	2023219156		<u>C40B 40 /-</u>	<u>E05F 15 /-</u>
	2023214156	2023230025	<u>C22B 11 /-</u>	2021480351	2023225061
2022418989		2023256873	2023210263	2022422775	
2022419656	<u>C09J 11 /-</u>			2023222463	<u>E06B 3 /-</u>
2022424142		<u>C12N 15 /-</u>	<u>C22B 15 /-</u>	<u>C40B 50 /-</u>	2023211071
2022437929	2023214156	2022417665	2023215711	2022422775	2023211944
2023205776		2022419656		2023213724	<u>E06C 1 /-</u>
2023207537	<u>C09J 111 /-</u>	2022421751	<u>C22B 26 /-</u>		
2023209405		2022422775	2022432151	<u>D04B 21 /-</u>	2023213818
2023209914	2023220988	2022437929	2023215711		
2023211042	<u>C09J 123 /-</u>	2023205776		2023211860	<u>E06C 7 /-</u>
2023212216		2023207537	<u>C22B 3 /-</u>		
2023212994	2023224426	2023207825	2022432151	<u>D06F 34 /-</u>	2023213818
2023215613		2023208612	2023208667		
2023216373	<u>C09J 133 /-</u>	2023208667	2023209457	2023387772	<u>E21B 19 /-</u>
2023221836		2023209457	2023209536		
2023222463	2023214156	2023209536	2023209589	<u>D06F 35 /-</u>	2023221940
2023225596	<u>C09J 153 /-</u>	2023210278	2023210278		
2023225803		2023211652	<u>C22B 47 /-</u>	2023208976	<u>E21B 21 /-</u>
2023249891	2023224426	2023212216			
<u>C07K 17 /-</u>	<u>C09K 8 /-</u>	2023213724	2023215711	<u>D21H 17 /-</u>	2023233902
		2023214481			
2023229967	2023214420	2023216244	<u>C22B 59 /-</u>	2023209067	<u>E21B 23 /-</u>
<u>C07K 19 /-</u>	2023215235	2023216373			
		2023217712	2023210187	<u>D21H 19 /-</u>	2023285598
2022417665	<u>C10B 49 /-</u>	2023218544	<u>C22B 7 /-</u>	2023222109	<u>E21B 29 /-</u>
2023207537		2023219515		2023236908	
<u>C07K 7 /-</u>	2022425563	2023225043	2023215711		2022444155
	2023218595	2023241555		<u>D21H 21 /-</u>	<u>E21B 33 /-</u>
2023207537	<u>C10B 53 /-</u>	<u>C12N 5 /-</u>	<u>C22B 9 /-</u>	2023209067	
2023215613		2023204490	2023210187		2022443138
<u>C08F 2 /-</u>	2022425563	2023205776		<u>D21H 27 /-</u>	2023205321
	2023218595	2023214451	<u>C23C 18 /-</u>		2023214420
2022419573	<u>C10G 2 /-</u>	2023214668	2023224964	2023222109	2023215438
<u>C08F 22 /-</u>		2023215903		2023236908	2023233902
	2023235460	2023216373	<u>C23F 14 /-</u>	<u>E01B 11 /-</u>	<u>E21B 34 /-</u>
2022419573	<u>C10J 3 /-</u>	2023225596			
<u>C08J 5 /-</u>		<u>C12N 9 /-</u>	2023214799	2023214820	2022443138
	2023218595				2023285598
	2023237783	2022435294	<u>C25B 1 /-</u>	<u>E01C 11 /-</u>	<u>E21B 43 /-</u>
2023217010		2023209322	2023213348	2023216104	
<u>C08J 9 /-</u>	<u>C10K 3 /-</u>	2023210278	2023215306		2022443138
			2023222092	<u>E01F 15 /-</u>	2023205321
2023254820	2023237783	<u>C12P 19 /-</u>			2023215235
<u>C08K 3 /-</u>			<u>C25B 11 /-</u>	2023216104	2023215438
	2023335819	2023209457			
2023214156	<u>C12G 1 /-</u>	<u>C12Q 1 /-</u>	2023213348	<u>E01F 9 /-</u>	<u>E21B 47 /-</u>
<u>C08K 5 /-</u>					
	2023256873	2021480351	<u>C25B 15 /-</u>	2023216104	2022444155
2023212459		2022422775			
2023224426	<u>C12M 1 /-</u>	2023204822	2023215306	<u>E02F 3 /-</u>	<u>E21B 7 /-</u>
<u>C08L 11 /-</u>		2023208667	2023222092		
	2021480351	2023209322		2023216674	2022419476
2023220988	2021481308	2023213724	<u>C25B 3 /-</u>	2023236763	<u>E21D 23 /-</u>
	2023208440	2023214017	2023237783		2023212922
<u>C08L 67 /-</u>	<u>C12M 3 /-</u>	2023216373		<u>E02F 9 /-</u>	
		2023223467	<u>C25B 9 /-</u>	2023209332	<u>E21D 9 /-</u>
2023212459	2022417355	<u>C12R 1 /-</u>	2023213348	2023236763	
			2023215306	<u>E04D 13 /-</u>	2022429137
		2022436554	2023222092		
				2023219246	<u>F01K 23 /-</u>
					2023210899

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

F02B 51 /-	F16L 27 /-	F24S 25 /-	G01N 15 /-	G05B 19 /-	G06Q 20 /-
2023213970	2023215434	2023210243	2022485742	2023216161	2022418272 2022434628
F02B 63 /-	F16L 3 /-	F24S 30 /-	G01N 21 /-	G05D 1 /-	G06Q 30 /-
2023213970	2023215434	2023210243	2022419476	2022415717	2023212630 2023217631
F02C 3 /-	F16L 55 /-	F24S 50 /-	G01N 30 /-	G06F 1 /-	G06Q 50 /-
2023209094 2023210899	2023213876	2023210243	2023209816	2022289395	2023211644 2023212630 2023226887 2023233331
F02C 6 /-	F16M 11 /-	F25B 21 /-	G01N 33 /-	G06F 16 /-	
2023210899	2023210243	2023240343	2022360014 2022418407 2022419993 2023221199 2023229967	2022417293 2023222757	
F02C 7 /-	F16N 11 /-	F25D 23 /-		G06F 18 /-	G06T 15 /-
2023209094	2022417284	2023205554		2023222757 2023229967	2023230323
F02C 9 /-	F16N 21 /-	F25D 3 /-	G01N 35 /-	G06F 21 /-	G06T 19 /-
2023209094	2022417284	2023205554	2022426691	2022434628 2022435296 2022441431 2022454518 2023248019	2022420869 2023204773 2023205906 2023217631 2023230323
F02M 27 /-	F16N 29 /-	F25J 3 /-	G01R 33 /-		
2023213970	2022417284	2023211693	2022226249 2022425085		
F03D 5 /-	F16N 3 /-	F28D 9 /-	G01S 15 /-	G06F 3 /-	G06T 3 /-
2023225089	2022417284	2023222092	2022426826	2023211766 2023217631	2023222757
F03D 80 /-		F42B 10 /-	G01S 19 /-		G06T 5 /-
2023210405	2023214694 2023375282	2022427862	2022420869	G06F 40 /-	2023209332 2023213965
F04B 19 /-	F17C 3 /-	F42B 12 /-	G01S 3 /-		G06T 7 /-
2023375282	2023210077	2022420869	2022420802	2022417613 2023213822	2023204773 2023205906 2023222757
F04B 37 /-	F17C 9 /-	G01B 9 /-	G01S 5 /-	G06F 8 /-	
2023375282	2023210077	2023213965	2022420802	2023218956	
F04B 53 /-	F21V 19 /-	G01C 21 /-	G02B 21 /-	G06F 9 /-	G06V 10 /-
2023375282	2022452881	2022437691	2023213965 2023222757	2023218956	2023209332 2023222757 2023229967
F04D 25 /-	F21V 33 /-	G01C 25 /-		G06G 7 /-	
2022452881	2022452881	2022437691	G02B 5 /-	2023222757	G06V 40 /-
F04D 29 /-	F21Y 105 /-	G01F 1 /-	G02B 7 /-	G06K 19 /-	
2022452881	2022452881	2022417284	2023209470	2023218300	2023209332
F16C 33 /-	F21Y 115 /-	G01F 15 /-	G02C 7 /-	G06N 20 /-	
2023218280	2022452881	2022417284 2023204776	2021481573	2022417293 2023213822 2023247899	G07C 9 /-
F16F 9 /-	F23D 14 /-	G01H 3 /-	G02F 1 /-	G06N 3 /-	2022435296
2023205315	2022459866 2022460124	2023244202	2023213965	2022410731 2022417613 2022425085	G07G 1 /-
F16J 15 /-	F23R 3 /-	G01J 3 /-	G03B 19 /-		G08B 17 /-
2022429137 2023218280	2023209094	2022419476 2022422877	2023209470	G06Q 10 /-	2023233331
F16K 99 /-	F24F 11 /-	G01N 1 /-	G05B 13 /-		G08B 21 /-
2022417355	2023211766	2023221199	2023213822	2022417293 2023213953 2023218300 2023230323	2023233331

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

<u>G08B 27 /-</u>	<u>H01H 25 /-</u>	2023216645
2023233331	2022425396	<u>H04N 23 /-</u>
<u>G09B 19 /-</u>	<u>H01L 27 /-</u>	2023222757
2023230323	2023209470	<u>H04N 25 /-</u>
<u>G09B 23 /-</u>	<u>H01M 10 /-</u>	2023222757
2022437142	2023240343	<u>H04N 7 /-</u>
2023230323	<u>H01M 4 /-</u>	2023209332
<u>G09B 9 /-</u>	2023240343	2023215134
2023230323	2023216645	2023216645
2023230574	<u>H01M 8 /-</u>	<u>H04Q 9 /-</u>
<u>G09F 3 /-</u>	2023222092	2023211766
2023218300	<u>H02J 15 /-</u>	<u>H04R 3 /-</u>
<u>G10L 13 /-</u>	2023215462	2022420802
2022417613	<u>H02K 1 /-</u>	<u>H04W 12 /-</u>
<u>G10L 15 /-</u>	2023215462	2022444830
2023213822	<u>H02K 7 /-</u>	2023205955
<u>G10L 25 /-</u>	2023215462	2023248019
2022417613	<u>H02M 5 /-</u>	<u>H04W 24 /-</u>
<u>G16B 15 /-</u>	2022438340	2023219456
2022419993	<u>H02M 7 /-</u>	<u>H04W 4 /-</u>
<u>G16B 20 /-</u>	2022438340	2022435296
2022422775	<u>H02S 20 /-</u>	2023233331
<u>G16B 30 /-</u>	2023209590	<u>H04W 40 /-</u>
2022422775	2023210243	2022425372
<u>G16H 20 /-</u>	<u>H04B 3 /-</u>	<u>H04W 74 /-</u>
2023226887	2022424963	2023212085
<u>G16H 30 /-</u>	<u>H04B 7 /-</u>	<u>H05G 1 /-</u>
2022425085	2022425372	2022478568
2023222757	<u>H04L 1 /-</u>	
<u>G16H 50 /-</u>	2022425372	
2022410731	<u>H04L 12 /-</u>	
2023214017	2023215134	
<u>H01B 13 /-</u>	2023216645	
2022417344	<u>H04L 9 /-</u>	
<u>H01B 3 /-</u>	2022418272	
2022417344	2022435296	
<u>H01F 27 /-</u>	2022441431	
2023211788	2022444830	
<u>H01F 30 /-</u>	2022454518	
2023211788	2023218300	
	2023248019	
	<u>H04N 21 /-</u>	
	2022421423	
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Applications Accepted

Name Index

<p>2144811 Alberta Inc. see NORCAN STEEL PRODUCTS INC. (21) 2019284238</p> <hr/> <p>ABB Schweiz AG see Hitachi Energy Ltd (21) 2020213278</p> <hr/> <p>(71) AbbVie Inc. (11) AU-B-2022268294 (21) 2022268294 (22) 08.11.2022 (54) Methods of treatment of diseases in which IL-13 activity is detrimental using anti-IL-13 antibodies (51) Int. Cl. C07K 16/28 (2006.01) A61K 31/56 (2006.01) A61K 39/395 (2006.01) A61K 45/06 (2006.01) (43) 15.12.2022 (44) 08.08.2024 (62) 2021203358 (72) TIMONY, Gregg; GUJRATHI, Sheila; PEACH, Robert; OLSON, Allan (74) Spruson & Ferguson</p> <hr/> <p>(71) ACCENTURE GLOBAL SOLUTIONS LIMITED (11) AU-B-2021346779 (21) 2021346779 (22) 10.09.2021 (54) SYSTEMS AND METHODS FOR TRIAGING SOFTWARE VULNERABILITIES (51) Int. Cl. G06F 21/57 (2013.01) (87) WO2022/063612 (31) 17/035,375 (32) 28.09.20 (33) US (43) 31.03.2022 (44) 08.08.2024 (72) TARRANT, Finbarr; SRIDHAR, Gopal Kavanadala; KIM, Jee Hyub; SHARMA, Navdeep; MULROONEY, Eanna; PLOTNIKOV, Anton; KOHOUT, Karel; LACROIX, Mario Lauande; LEVINE, Richard; OBANDO, Johnny (74) Murray Trento & Associates Pty Ltd</p> <hr/> <p>(71) Advanced Lithium Electrochemistry Co., Ltd. (11) AU-B-2023202966 (21) 2023202966 (22) 12.05.2023 (54) Preparation method of lithium iron phosphate cathode material (51) Int. Cl. C01B 25/45 (2006.01) H01M 4/06 (2006.01) H01M 4/13 (2010.01) (31) 111136550 (32) 27.09.22 (33) TW (43) 11.04.2024 (44) 08.08.2024 (72) HSIEH, Han-Wei; LIN, Yuan-Kai (74) Spruson & Ferguson</p>	<p>(71) AFL Telecommunications LLC (11) AU-B-2023200505 (21) 2023200505 (22) 31.01.2023 (54) Cable mounting clamps (51) Int. Cl. H02G 3/32 (2006.01) G02B 6/44 (2006.01) H02G 3/34 (2006.01) H02G 15/18 (2006.01) (43) 02.03.2023 (44) 08.08.2024 (62) 2018400487 (72) BALL, Shirley; COURCHAINE, Wilfred J. (74) FB Rice Pty Ltd</p> <hr/> <p>(71) aiFree Interactive Technology Co., Ltd. (11) AU-B-2022268318 (21) 2022268318 (22) 09.11.2022 (54) SMART WEARABLE DEVICE (51) Int. Cl. A61B 5/11 (2006.01) A61B 5/00 (2006.01) A61B 5/256 (2021.01) A61B 5/389 (2021.01) A63B 24/00 (2006.01) (43) 30.05.2024 (44) 08.08.2024 (72) CHANG, Chien-Hsiang; LIN, Yang-Cheng; LIEN, Wei-Chih; CHIU, Tseng-Ping; WU, Pei-Yun; LIU, Bo (74) ALDRICH PROJECTS PTY LTD</p> <hr/> <p>(71) Ajinomoto Co., Inc. (11) AU-B-2018334768 (21) 2018334768 (22) 25.09.2018 (54) Protein production method and disaccharide production method (51) Int. Cl. C12N 15/09 (2006.01) C12N 15/55 (2006.01) C12P 19/12 (2006.01) C12P 21/02 (2006.01) C12N 9/42 (2006.01) (87) WO2019/059404 (31) 2017-184180 (32) 25.09.17 (33) JP (43) 28.03.2019 (44) 08.08.2024 (72) YAHAGI, Daiki; YOSHIDA, Erika; FUKADA, Hiroaki; TOKURA, Mitsunori; TAGAMI, Uno; SUGIKI, Masayuki (74) Griffith Hack</p> <hr/> <p>(71) Alcon Inc. (11) AU-B-2018385652 (21) 2018385652 (22) 12.12.2018 (54) Thermally robust laser probe assembly (51) Int. Cl. A61F 9/008 (2006.01) A61B 18/20 (2006.01) (87) WO2019/116284 (31) 62/630,865 (32) 15.02.18 (33) US</p>	<p>62/622,299 26.01.18 US 62/598,653 14.12.17 US 62/597,550 12.12.17 US (43) 20.06.2019 (44) 08.08.2024 (72) DIAO, Chenguang; MIRSEPASSI, Alireza; COOK, Christopher (74) Phillips Ormonde Fitzpatrick</p> <hr/> <p>(71) Alcon Inc. (11) AU-B-2023202036 (21) 2023202036 (22) 03.04.2023 (54) Azabicyclo and diazepine derivatives for treating ocular disorders (51) Int. Cl. C07D 471/04 (2006.01) A61K 31/439 (2006.01) A61P 27/10 (2006.01) C07D 471/08 (2006.01) (43) 04.05.2023 (44) 08.08.2024 (62) 2021205100 (72) ELLIS, David; KETELSON, Howard Allen (74) Davies Collison Cave Pty Ltd</p> <hr/> <p>(71) ALSTOM Holdings (11) AU-B-2018250486 (21) 2018250486 (22) 19.10.2018 (54) Ground-based power supply and associated reinforcing method (51) Int. Cl. B60L 5/40 (2006.01) B60M 1/30 (2006.01) (31) 17 59812 (32) 19.10.17 (33) FR (43) 09.05.2019 (44) 08.08.2024 (72) Gautier, Yann; Gardille, Quentin; Ribalka, Florian (74) Davies Collison Cave Pty Ltd</p> <hr/> <p>ALSTOM Transport Technologies see Commissariat a l'Energie Atomique et aux Energies Alternatives (21) 2019312772</p> <hr/> <p>(71) Amai Proteins Ltd. (11) AU-B-2019264967 (21) 2019264967 (22) 06.05.2019 (54) Taste and flavor-modifier proteins (51) Int. Cl. C07K 14/43 (2006.01) (87) WO2019/215730 (31) 62/667,532 (32) 06.05.18 (33) US (43) 14.11.2019 (44) 08.08.2024 (72) SAMISH, Ilan; KASS, Itamar; HECHT, Dalit (74) Spruson & Ferguson</p> <hr/> <p>(71) Amazentis SA (11) AU-B-2021201143</p>
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A23L 2/00 (2006.01)
A61K 31/366 (2006.01)
A61K 38/01 (2006.01)
A61P 21/00 (2006.01)
C07D 311/80 (2006.01)
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 (44) 08.08.2024
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 (54) COMPOUND APPLICATOR
 (51) Int. Cl.
B05C 17/015 (2006.01)
B05C 17/01 (2006.01)
E04F 21/165 (2006.01)
 (87) WO2023/060247
 (31) 63/253,199 (32) 07.10.21 (33) US
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 (74) Griffith Hack
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 (54) Injector and method of assembly
 (51) Int. Cl.
A61M 5/178 (2006.01)
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C12N 9/26 (2006.01)
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 (54) METHOD FOR RECOVERING SILICON AND IRON FROM IRON TAILINGS
 (51) Int. Cl.
B03B 7/00 (2006.01)
B03D 1/00 (2006.01)
C01B 33/18 (2006.01)
C22B 1/00 (2006.01)
 (87) WO2023/092331
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 (74) Davies Collison Cave Pty Ltd
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- (71) APEX BRANDS, INC.
 (11) AU-B-2022216604
 (21) 2022216604 (22) 04.02.2022
 (54) MEASURING TAPE WITH ROLLOVER RESISTANCE MECHANISM
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G01B 3/10 (2020.01)
G01B 3/1005 (2020.01)
G01B 3/1007 (2020.01)
G01B 3/102 (2020.01)
G01B 3/1056 (2020.01)
G01B 3/1071 (2020.01)
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C07D 401/12 (2006.01)
A61K 31/4418 (2006.01)
A61K 31/4427 (2006.01)
A61P 3/00 (2006.01)
A61P 9/10 (2006.01)
A61P 11/06 (2006.01)
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B01D 53/02 (2006.01)
B01D 53/047 (2006.01)
B01J 20/18 (2006.01)
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Applications Accepted - Name Index cont'd

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H02K 1/27 (2022.01)
H01F 7/02 (2006.01)
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H02J 3/00 (2006.01)
F03D 7/00 (2006.01)
H02J 3/38 (2006.01)
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(54) SINGLE-STAGE CARBON DIOXIDE MULTI-SPLIT COOLING AND HEATING MULTIFUNCTIONAL CENTRAL AIR CONDITIONER
- (51) Int. Cl.
F25B 9/00 (2006.01)
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F25B 13/00 (2006.01)
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Applications Accepted - Name Index cont'd

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 (51) Int. Cl.
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A61K 47/18 (2017.01)
A61K 47/28 (2006.01)
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A23K 20/147 (2016.01)
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A61K 8/67 (2006.01)
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G01N 29/07 (2006.01)
G01N 29/14 (2006.01)
G01N 29/22 (2006.01)
G01N 29/24 (2006.01)
G01N 29/44 (2006.01)
G01N 29/46 (2006.01)
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G02C 7/04 (2006.01)
A61F 2/16 (2006.01)
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G02C 7/04 (2006.01)
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C08K 3/013 (2018.01)

C08K 3/26 (2006.01)

C08K 5/00 (2006.01)

C08L 67/00 (2006.01)

C08L 67/04 (2006.01)

C08L 101/16 (2006.01)

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H04W 72/04 (2023.01)

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E05B 1/00 (2006.01)

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A61K 9/16 (2006.01)

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A61K 45/06 (2006.01)

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A46B 9/04 (2006.01)

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B64D 13/00 (2006.01)
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A23K 20/132 (2016.01)
A23K 20/28 (2016.01)
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H01M 4/131 (2010.01)
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F02M 31/00 (2006.01)
B01D 47/10 (2006.01)
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F03G 7/06 (2006.01)
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G06V 10/82 (2022.01)
G06N 3/02 (2006.01)
G06N 20/00 (2019.01)
G06V 10/764 (2022.01)
G06V 20/60 (2022.01)
G06V 40/20 (2022.01)
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E03D 11/13 (2006.01)

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E21D 21/00 (2006.01)

E02D 5/80 (2006.01)

E02D 17/20 (2006.01)

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H05K 7/20 (2006.01)

F28D 15/00 (2006.01)

F28F 3/00 (2006.01)

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C22C 1/05 (2006.01)

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C22F 1/02 (2006.01)

C22F 1/18 (2006.01)

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C12N 7/00 (2006.01)
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F03B 13/18 (2006.01)
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F15B 11/072 (2006.01)
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B32B 5/12 (2006.01)
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H04L 25/02 (2006.01)
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B63B 35/44 (2006.01)
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E04B 1/19 (2006.01)
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E04B 1/19 (2006.01)
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A61P 3/04 (2006.01)
A61P 3/06 (2006.01)
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H04B 11/00 (2006.01)

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C12Q 1/6844 (2018.01)
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C25B 1/04 (2021.01)
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2018342246	The United States of America, as represented by The Secretary, Department of Health and Human Services	2019282173	Carl Zeiss Meditec Cataract Technology Inc.
2018343213	Enata Investment Corporation Pte. Ltd.	2019284238	NORCAN STEEL PRODUCTS INC.; 2144811 Alberta Inc.; BOWES, D.
2018346616	Athenex HK Innovative Limited	2019285840	BAE Systems PLC
2018348214	The Board of Trustees of the University of Illinois; University of Iowa Research Foundation	2019293246	BL Technologies, Inc.
2018348802	LTS LOHMANN Therapie-Systeme AG	2019299860	Avent, Inc.
2018351068	Centinel Spine, LLC	2019304254	Guangzhou Bioseal Biotech Co., Ltd.; Johnson & Johnson China Ltd.; Ethicon, Inc.
2018354778	Saint-Gobain Placo	2019306745	Starpharma Pty Ltd
2018356377	NutriLeads B.V.	2019311084	Laborie Medical Technologies Corp.
2018359019	OZQ Pty Ltd	2019312772	Commissariat a l'Energie Atomique et aux Energies Alternatives; ALSTOM Transport Technologies
2018365070	LVIS Corporation		
2018366110	Rani Therapeutics, LLC		
2018367231	SWM Luxembourg Sarl		
2018369330	Lindsay Transportation Solutions, LLC		
2018372375	Hexcel Reinforcements		
2018378002	c-LEcta GmbH; New Matterhorn, LLC		

Applications Accepted - Numerical Index cont'd

2019321092	Ancestry.com DNA, LLC	2021278069	BIOHENG THERAPEUTICS LIMITED
2019323625	Dolby International AB	2021282340	Cargill, Incorporated
2019325490	Weatherford Technology Holdings, LLC	2021284567	Huawei Technologies Co., Ltd.
2019326321	Zodiac Pool Systems LLC	2021290288	Ocado Innovation Limited
2019346595	Dana-Farber Cancer Institute, Inc.	2021294340	The University of Southern California
2019349791	Orano Med	2021299025	Komatsu Ltd.
2019352718	Suez International	2021299590	LG Electronics Inc.
2019360758	Oklahoma Medical Research Foundation	2021302188	Sichuan Gooddoctor Panxi Pharmaceutical Co., Ltd.
2019361713	CareFusion 303, Inc.	2021306716	Caterpillar Inc.
2019365582	Jura Elektroapparate AG	2021309975	Google LLC
2019374961	SMB Seilspielgeräte GmbH Berlin In Hoppegarten	2021318220	Asahi Kasei Kabushiki Kaisha
2019377416	JAMF Software, LLC	2021318938	Danimer IPCo, LLC
2019378007	Imotik Biosolutions LLC	2021323304	Shanghai Leadingtac Pharmaceutical Co., Ltd.
2019383056	Salford Group Inc.	2021324583	Boston Scientific Neuromodulation Corporation
2019405930	Genesys Cloud Services Holdings II, LLC	2021325605	Ladaru, C.; Gauzin, B.
2019428717	Halliburton Energy Services, Inc.	2021335790	Robinson, S.
2019439345	Green Cross Corporation; Mogam Institute for Biomedical Research	2021337476	LG CHEM, LTD.
		2021337538	Hill's Pet Nutrition, Inc.
2019463579	Bionox Inc.	2021338936	Ypsomed AG
2019476279	AVE Science & Technology Co., Ltd.	2021340721	W. L. Gore & Associates, Inc.
2019479586	Hill's Pet Nutrition, Inc.	2021342437	GOOGLE LLC
2020213278	Hitachi Energy Ltd; ABB Schweiz AG	2021345869	BYD Company Limited
2020222577	Kao Corporation; Shizuoka Prefectural University Corporation	2021346779	ACCENTURE GLOBAL SOLUTIONS LIMITED
		2021348592	JUMBO DRUG BANK CO., LTD.
2020256442	Shanghai Ocean University	2021349807	BEIJING JINGKELUN ENGINEERING DESIGN AND RESEARCH INSTITUTE CO., LTD.
2020269935	Zimmermann, R.		
2020281030	QU Biologics Inc.	2021353426	Boston Scientific Scimed, Inc.
2020281709	DNA Script; Institut Pasteur; Centre National De La Recherche Scientifique	2021354815	Global Energy Interconnection Research Institute Co., Ltd.; State Grid Corporation of China; State Grid Zhejiang Electric Power Co.,Ltd.
2020289739	The Board of Trustees of the Leland Stanford Junior University	2021355988	Kim, B.S.
2020324976	The Toro Company	2021359751	DENTAL ROBOTICS GROUP B.V.
2020326426	Raytheon Company	2021362181	ZEBRA TECHNOLOGIES CORPORATION
2020327664	SCHOTTEL Marine Technologies GmbH	2021369864	DATANG MOBILE COMMUNICATIONS EQUIPMENT CO., LTD.
2020332006	Bespoke Engineering Pty Ltd		
2020342172	Choo, H.	2021374841	OCADO INNOVATION LIMITED
2020345975	Wonderland Switzerland AG	2021375225	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
2020354669	BioMarin Pharmaceutical Inc.	2021382943	KSM TECHNOLOGY CO., LTD.
2020368397	Rea Innovations, Inc.	2021385628	HANWHA SOLUTIONS CORPORATION
2020374138	CJ Cheiljedang Corporation	2021391472	NUOVO PIGNONE TECNOLOGIE - S.R.L.
2020375893	I.V.A.R. S.p.A.	2021391670	COLGATE-PALMOLIVE COMPANY
2020389422	GI Cell, Inc.	2021394550	GEOBRUGG AG
2020397645	GSK Consumer Healthcare S.a.r.l.	2021396459	MSI DFAT LLC
2020409887	Centro de Inmunologia Molecular	2021397286	COLGATE-PALMOLIVE COMPANY
2020416730	Becton, Dickinson and Company	2021401461	FLOWSERVE PTE. LTD.
2020424076	Caterpillar Inc.	2021402531	INTERNATIONAL BUSINESS MACHINES CORPORATION
2020439208	LG Electronics Inc.		
2020452710	Metso Outotec Finland Oy	2021411330	OJO Labs, Inc.
2020478589	BOLYMEDIA HOLDINGS CO. LTD.	2021411631	RISEN ENERGY CO. LTD
2021201143	Amazentis SA	2021413684	QINGDAO HAIER REFRIGERATOR CO., LTD; HAIER SMART HOME CO., LTD.
2021202134	Hanmi Pharm. Co., Ltd.		
2021202360	Merck Sharp & Dohme LLC	2021418030	NEC CORPORATION
2021202641	ViaCyte, Inc.	2021427775	BAKER, D.B.
2021208254	ToolGen Incorporated	2021432497	Zhejiang Sany Equipment Co., Ltd.
2021211019	Ke, M.	2021434507	ESTIS COMPRESSION, LLC
2021216536	Inofab Sağlık Teknolojileri Anonim şirketi	2021437231	BOLY MEDIA COMMUNICATIONS (SHENZHEN) CO., LTD.
2021220916	Inventio AG		
2021225919	The Procter & Gamble Company	2021445306	NIPPON TELEGRAPH AND TELEPHONE CORPORATION
2021228008	Henan Genuine Biotech Co., Ltd.		
2021228088	Shanghai Smartee Denti-Technology Co., Ltd.; Shen, G.; Taikang Bybo Dental Group Co., Ltd.	2021455531	THE ALFRED E. MANN FOUNDATION FOR SCIENTIFIC RESEARCH
2021231187	Hill's Pet Nutrition, Inc.	2021475883	ANSTEEL GROUP MINING CORPORATION LIMITED
2021236446	Editas Medicine, Inc	2022200269	LIN, H.; LEE, C.
2021255730	Chevron U.S.A. Inc.; GeoQuest Systems B.V.	2022201686	Merck Sharp & Dohme LLC
2021261909	Stoke Therapeutics, Inc.	2022201696	Amgen Inc.
2021262325	ZTE Corporation	2022201817	Fisher & Paykel Healthcare Limited
2021262553	CooperVision International Limited	2022201839	JPL Global, LLC
2021266060	Inventio AG	2022202208	ImmunoGen, Inc.
2021266167	CooperVision International Limited	2022202793	Axon Enterprise, Inc.
2021277776	TRON-Translational Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz gGmbH; BioNTech SE	2022202908	Illumina, Inc.
		2022203075	Chevron U.S.A. Inc.; University of Pittsburgh - of the Commonwealth System of Higher Education

Applications Accepted - Numerical Index cont'd

2022203076	Hemanext Inc.	2023202735	Opec Remediation Technologies Pty Limited
2022203553	Cepheid	2023202966	Advanced Lithium Electrochemistry Co., Ltd.
2022203891	Inovio Pharmaceuticals, Inc.	2023203114	Dräger Safety AG & Co. KGaA
2022204220	Snap-on Incorporated	2023203162	The Boeing Company
2022205235	Veltek Associates, Inc.	2023206220	Fujitsu Limited
2022208251	FMC TECHNOLOGIES, INC.	2023214332	LG Electronics Inc.
2022209252	Lone Gull Holdings, Ltd.	2023214376	Zimmer, Inc.
2022211921	FISHER & PAYKEL HEALTHCARE LIMITED	2023241368	Deciphera Pharmaceuticals, LLC
2022215220	W.M. Barr & Company, Inc.	2023250993	GUANGZHOU INSTITUTE OF ENERGY CONVERSION, CHINESE ACADEMY OF SCIENCES
2022216604	APEX BRANDS, INC.		ECHION TECHNOLOGIES LIMITED
2022218519	Hendrickson USA, L.L.C.	2023264850	SEDICII INNOVATIONS LTD.
2022221552	Nocira, LLC	2023298191	Lam, T.T.
2022224420	MOTOROLA SOLUTIONS, INC.	2024202235	Lam, T.T.
2022224771	Fisher & Paykel Healthcare Limited	2024202236	Lam, T.T.
2022224806	Monsanto Technology LLC	2024202239	Lam, T.T.
2022227809	INTERNATIONAL BUSINESS MACHINES CORPORATION	2024202240	Lam, T.T.
		2024203450	Ayonz Pty Limited
2022231500	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI		
2022231723	Silixa Ltd.		
2022241507	Institute of Agro-Products Processing Science and Technology		
2022241570	Cell Cure Neurosciences Ltd.		
2022245632	INTERNATIONAL BUSINESS MACHINES CORPORATION		
2022252718	Illumina, Inc.		
2022256189	CSR Building Products Limited		
2022259701	MFTB Holdco, Inc.		
2022259793	nanoComposix, Inc.; Coronado Aesthetics, LLC		
2022259797	Amicus Therapeutics, Inc.		
2022267319	PARALLEL SYSTEMS, INC.		
2022268294	AbbVie Inc.		
2022268318	aiFree Interactive Technology Co., Ltd.		
2022268401	Nektar Therapeutics		
2022275402	Canva Pty Ltd		
2022275420	Twelve, Inc.		
2022279446	Globeride, Inc.		
2022279504	Ardelyx, Inc.		
2022282193	GETAC TECHNOLOGY CORPORATION; WHP WORKFLOW SOLUTIONS, INC.		
2022283620	Blue Planet Systems Corporation		
2022287586	Australian Rain Technologies Pty Limited		
2022291549	Regeneron Pharmaceuticals, Inc.		
2022291571	Blue River Technology Inc.		
2022291600	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI		
2022291675	Unigen, Inc.		
2022291677	SHENZHEN ICOMWELL INTELLIGENT MEDICAL TECHNOLOGY CO., LTD.		
2022300548	PETNOW INC.		
2022301223	WUHAN NARI LIMITED LIABILITY COMPANY OF STATE GRID ELECTRIC POWER RESEARCH INSTITUTE		
2022338621	PEARLSINMIRES CO., LTD.		
2022339216	BLUE BUFFALO ENTERPRISES, INC.		
2022340808	SCOUT BIO, INC.		
2022356212	ICEYE OY		
2022360148	DEB IP LIMITED		
2022361064	AMES TOOLS CORPORATION		
2022381216	NUOVO PIGNONE TECNOLOGIE - S.R.L.		
2022388777	DORMAKABA AUSTRIA GMBH		
2022395328	BEIJING GOLDWIND SCIENCE & CREATION WIND-POWER EQUIPMENT CO., LTD.		
2022406862	SIEMENS ENERGY GLOBAL GMBH & CO. KG		
2023200100	Getac Technology Corporation		
2023200398	Samyang Corporation		
2023200505	AFL Telecommunications LLC		
2023200543	BonAlive Biomaterials Oy		
2023201644	Beijing Jitai Pharmaceutical Technology Co., Ltd.; Hangzhou Jitai Pharmaceutical Technology Co., Ltd.		
2023201781	The Broad Institute, Inc.; Massachusetts Institute of Technology; President and Fellows of Harvard College		
2023201883	Recce Pharmaceuticals Ltd		
2023202036	Alcon Inc.		

IPC Index

<u>A01B 45 /-</u>	<u>A01N 31 /-</u>	<u>A43C 11 /-</u>	<u>A61B 18 /-</u>	2018387680	2018359019
2020324976	2022224806	2022291677	2018385652	2019221667	2019439345
			2019299860	2019221886	2020222577
				2019223540	2020281030
	<u>A01N 37 /-</u>	<u>A44B 11 /-</u>		2019254681	2020289739
<u>A01B 69 /-</u>	2018389233	2022291677	<u>A61B 34 /-</u>	2019272577	2021202360
2020324976				2019274870	2021278069
			2018324514	2019280850	2022268294
	<u>A01N 41 /-</u>	<u>A44B 13 /-</u>	2018336130	2019463579	
<u>A01B 79 /-</u>	2018389233	2019264724	2021324583	2020409887	<u>A61K 45 /-</u>
2020324976				2021201143	
	<u>A01N 57 /-</u>	<u>A44C 1 /-</u>	<u>A61B 5 /-</u>	2021228008	2017363308
<u>A01C 15 /-</u>	2018389233	2019264724	2018324514	2021323304	2018332646
2019383056			2018340324	2021337476	2018348214
			2018365070	2021348592	2018394182
	<u>A23G 1 /-</u>	<u>A45D 34 /-</u>	2019263081	2022201686	2019280850
<u>A01C 7 /-</u>	2019216458	2020368397	2019263401	2022268294	2022268294
2019383056	2021282340		2021324583	2022279504	2022268401
			2022201817	2023201883	2023241368
		<u>A45D 40 /-</u>	2022203891	2023202036	
<u>A01G 15 /-</u>	<u>A23K 10 /-</u>	2020368397	2022268318	2023203162	<u>A61K 47 /-</u>
2022287586	2017376264		2023203114	2023241368	
	2021335790	<u>A46B 11 /-</u>			2017293450
<u>A01H 1 /-</u>		2021359751	<u>A61B 90 /-</u>	<u>A61K 33 /-</u>	2017386888
2018312486	<u>A23K 20 /-</u>		2018324514	2018332646	2018346616
	2018387680	<u>A46B 9 /-</u>	2018336130	2021391670	2019223540
<u>A01H 3 /-</u>	2020374138	2021359751	2021353426		2019272577
2018312486	2021337538			<u>A61K 35 /-</u>	2019306745
		<u>A47B 11 /-</u>	<u>A61C 7 /-</u>	2017376264	2020409887
<u>A01H 5 /-</u>	<u>A23K 30 /-</u>	2019275955	2018333837	2018235756	2022202208
2018312486	2018387680		2021228088	2018298117	2023201644
	2021335790	<u>A47J 31 /-</u>	<u>A61F 13 /-</u>	2018394182	<u>A61K 48 /-</u>
<u>A01K 11 /-</u>	<u>A23K 50 /-</u>	2019365582	2018340324	2019463579	2018235756
2021231187	2018387680			2021202641	2019463579
	2021335790	<u>A47K 10 /-</u>	<u>A61F 2 /-</u>	2021278069	<u>A61K 49 /-</u>
<u>A01K 29 /-</u>	2021337538	2022360148	2022203076	2022203076	2019223540
2021231187				2022241570	
	<u>A23L 2 /-</u>	<u>A47K 5 /-</u>	<u>A61K 36 /-</u>	<u>A61K 36 /-</u>	<u>A61K 8 /-</u>
<u>A01K 61 /-</u>	2018356377	2022360148	2018351068	2018356377	2020368397
2018387713	2021201143		2021262553	2020374138	2020374138
2020256442	2023200398	<u>A47L 11 /-</u>	2021266167	2021391670	2021225919
		2021299590	2022275420		2021391670
<u>A01K 67 /-</u>	<u>A23L 29 /-</u>	201299590	2023214376	<u>A61K 38 /-</u>	2021397286
2019244411	2018356377		<u>A61F 5 /-</u>	2017386888	<u>A61K 9 /-</u>
2021202641		<u>A47L 7 /-</u>	2018333837	2019270488	2017386888
	<u>A23L 33 /-</u>	2020439208	<u>A61F 9 /-</u>	2019463579	2018298117
<u>A01K 89 /-</u>	2018327188		2018385652	2020374138	2018307792
2022279446	2018356377	<u>A47L 9 /-</u>	2019282173	2021201143	2018332646
	2019232145	2020439208		2021202134	2018346616
<u>A01M 1 /-</u>	2020374138		<u>A61J 1 /-</u>	2021294340	2018348802
2018293470	2023200398	<u>A61B 1 /-</u>	2022203076	2021302188	2018366110
		2019205950		2022291549	2019232145
<u>A01N 1 /-</u>	<u>A23P 10 /-</u>	2021353426	<u>A61K 31 /-</u>	2022338621	2019272577
2022203076	2019232145		2017363308	2023201781	2020409887
	<u>A41D 31 /-</u>	<u>A61B 17 /-</u>	2018224387	<u>A61K 39 /-</u>	2022203891
<u>A01N 25 /-</u>	2018388244	2018311824	2018302342	2017293450	2022291549
2018389233		2018324514	2018306299	2017325240	2023201644
2022224806		2018351068	2018307792	2017345390	2023241368
	<u>A42B 1 /-</u>	2022203891	2018327188	2017363308	<u>A61L 15 /-</u>
	2018436629		2018332646	2017386888	
			2018346616	2018219595	2019304254
			2018348802	2018298117	
			2018356377	2018332646	
				2018356377	

Applications Accepted - IPC Index cont'd

<u>A61L 24 /-</u>	2022279504	2019439345		<u>B23D 47 /-</u>	2022218519
2019304254	<u>A61P 13 /-</u>	2019463579	<u>A63F 1 /-</u>	2022201839	<u>B60G 9 /-</u>
<u>A61L 26 /-</u>	2018306299	2021278069	2021325605	<u>B23Q 11 /-</u>	2022218519
2019304254	2019274870	2021323304	<u>A63F 13 /-</u>	2022201839	<u>B60H 1 /-</u>
	2021323304	2021348592	2021325605	<u>B25J 9 /-</u>	2021345869
<u>A61L 27 /-</u>	<u>A61P 15 /-</u>	2022202208	<u>B01D 15 /-</u>	2019275955	<u>B60L 5 /-</u>
2021202641	2021323304	2022338621	2021340721	<u>B27B 5 /-</u>	2018250486
2023200543		2023241368	<u>B01D 45 /-</u>	2022201839	<u>B60L 58 /-</u>
<u>A61M 1 /-</u>	<u>A61P 17 /-</u>	<u>A61P 37 /-</u>	2019284238	<u>B28B 11 /-</u>	2021345869
2018321128	2021302188	2019221667	<u>B01D 47 /-</u>	2018340887	<u>B60M 1 /-</u>
2018340324	2021323304	2021202360	2021434507	<u>B32B 1 /-</u>	2018250486
2022203076	<u>A61P 19 /-</u>	2021278069	<u>B01D 53 /-</u>	2018372375	<u>B60N 2 /-</u>
<u>A61M 13 /-</u>	2018302342	2021323304	2021318220	<u>B32B 27 /-</u>	2018229502
2022221552	2021323304	<u>A61P 43 /-</u>	2021434507	2018367231	2020345975
<u>A61M 16 /-</u>	<u>A61P 21 /-</u>	2018327188	<u>B01D 63 /-</u>	2018372375	<u>B60W 40 /-</u>
2021216536	2018327188	2018394182	2021340721	<u>B32B 33 /-</u>	2021299025
2022201817	2021201143	<u>A61P 5 /-</u>	<u>B01D 69 /-</u>	2018367231	<u>B60W 60 /-</u>
2022211921	2021323304	2019254681	2021340721	<u>B32B 5 /-</u>	2021299025
2022224771	<u>A61P 25 /-</u>	<u>A61P 7 /-</u>	<u>B01D 71 /-</u>	2018372375	<u>B61L 27 /-</u>
<u>A61M 25 /-</u>	2017386888	2017325240	<u>B01D 77 /-</u>	<u>B32B 7 /-</u>	2022267319
2020416730	2018348802	2021323304	2021340721	2018367231	<u>B61L 3 /-</u>
<u>A61M 31 /-</u>	2018394182	<u>A61P 9 /-</u>	<u>B01F 27 /-</u>	2018372375	2022267319
	2019221886	2018348802	2020368397	<u>B41J 13 /-</u>	<u>B62B 1 /-</u>
2018306299	2021323304	2018394182	<u>B01J 20 /-</u>	2021362181	2024203450
<u>A61M 37 /-</u>	<u>A61P 27 /-</u>	2021323304	2021318220	<u>B41J 15 /-</u>	<u>B62B 5 /-</u>
2022259793	2021323304	2021337476	2021340721	2021362181	2024203450
<u>A61M 39 /-</u>	2023202036	2022279504	<u>B03B 7 /-</u>	<u>B41J 17 /-</u>	<u>B62M 3 /-</u>
	<u>A61P 29 /-</u>	<u>A61Q 11 /-</u>	2021475883	2021362181	2022200269
2019311084	2018302342	2021225919	<u>B03D 1 /-</u>	<u>B41J 2 /-</u>	<u>B63B 1 /-</u>
2019378007	2019274870	2021391670	2021475883	<u>B41J 29 /-</u>	2018343213
2020416730	2021294340	2021397286	2023202735	2022205235	2020269935
2021353426	2021323304	<u>A61Q 19 /-</u>	<u>B05B 1 /-</u>	<u>B41J 33 /-</u>	<u>B63B 21 /-</u>
<u>A61M 5 /-</u>	2022340808	2020368397	2021211019	2021362181	2020327664
	<u>A61P 3 /-</u>	<u>A62B 18 /-</u>	<u>B05C 17 /-</u>	<u>B41J 35 /-</u>	<u>B63B 22 /-</u>
2019263081	2021323304	2022224771	2022361064	2021362181	2018273823
2019263401	2021337476	<u>A62B 7 /-</u>	<u>B22D 39 /-</u>	2021362181	<u>B63B 3 /-</u>
2019361713	2022279504	2023203114	2018302286	<u>B60G 13 /-</u>	2018273823
2021338936	2022340808	<u>A62C 3 /-</u>	<u>B23B 45 /-</u>	2021306716	<u>B63B 35 /-</u>
2022201696	<u>A61P 31 /-</u>	2021374841	2022204220	<u>B60G 7 /-</u>	2018273823
2022203891	2017376264	<u>A62C 99 /-</u>		2020269935	2020269935
<u>A61N 1 /-</u>	2018298117	<u>A62D 1 /-</u>		<u>B63B 21 /-</u>	
2018394423	2018356377	2020342172		<u>B63B 22 /-</u>	
2021324583	2020281030	<u>A63B 24 /-</u>		<u>B63B 3 /-</u>	
2021455531	2021228008	2022268318		<u>B63B 35 /-</u>	
<u>A61P 1 /-</u>	2021278069	<u>A63B 5 /-</u>			
2020409887	2021294340	2019374961			
2021202134	2022201686				
2021302188	2023201883				
2021323304	<u>A61P 35 /-</u>				
2021337476	2017279548				
<u>A61P 11 /-</u>	2018306299				
2021323304	2019223540				
	2019306745				

Applications Accepted - IPC Index cont'd

2024202235	2021374841	C02F 3 /-	2021323304	C08G 2 /-	
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2024202239	B65G 15 /-	2019293246		2023201883	2017352589
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Applications Accepted - IPC Index cont'd

<u>C22B 5 /-</u>	2019240839	<u>E21B 47 /-</u>	2023250993	2020375893	<u>F42B 39 /-</u>
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<u>C22B 9 /-</u>	2019204457	2022231723	2019232872	2021349807	<u>G01B 15 /-</u>
2021382943	<u>E03D 11 /-</u>	<u>E21B 49 /-</u>	<u>F16B 37 /-</u>	2022215220	2020256442
<u>C22C 1 /-</u>	2019204457	2021255730	2019222907	<u>F24S 23 /-</u>	<u>G01B 3 /-</u>
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<u>C22C 27 /-</u>	2018205080	2021394550	2018205080	2021437231	<u>G01B 5 /-</u>
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2021354815	2024202239	<u>F01K 13 /-</u>	<u>F16G 1 /-</u>	2021349807	2022259701
<u>C23C 14 /-</u>	2024202240	2018298486	2018300061	<u>F25D 11 /-</u>	<u>G01C 21 /-</u>
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	2023202735	<u>F15B 15 /-</u>			

Applications Accepted - IPC Index cont'd

2017371472	2021299590	2019275955	<u>G16H 40 /-</u>		
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	<u>G06F 11 /-</u>			<u>H02S 50 /-</u>	2018429021
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	<u>G06F 8 /-</u>	<u>G09F 3 /-</u>			
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	<u>G06N 10 /-</u>	2022252718			
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<u>G05D 1 /-</u>		<u>G16H 20 /-</u>	<u>H02P 1 /-</u>	<u>H04Q 9 /-</u>	
	<u>G06T 1 /-</u>				
2021299025		2021338936	2021391472	2021355988	

Certified Innovation Patents

Name Index

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

(71) Annex Products Pty Ltd
 (11) AU-B-2024100008
 (21) 2024100008 (22) 21.02.2024
 (54) SYSTEM AND METHOD FOR MOUNTING A HANDHELD ELECTRONIC DEVICE
 (51) Int. Cl.
 B62J 11/00 (2020.01)
 B60R 11/02 (2006.01)
 F16M 13/02 (2006.01)
 (45) 08.08.2024
 (62) 2018297383
 (72) PETERS, Christopher
 (74) Griffith Hack

(71) Jemella Limited
 (11) AU-B-2023100103
 (21) 2023100103 (22) 19.12.2023
 (54) Apparatus and method for drying and styling hair
 (51) Int. Cl.
 A45D 20/12 (2006.01)
 A45D 1/04 (2006.01)
 A45D 2/00 (2006.01)
 A45D 20/10 (2006.01)
 (45) 08.08.2024
 (62) 2020322192
 (72) HARRISON, Alex; WEATHERLY, Robert; GOLD, Richard; WRIGHT, Liam; HONE, Tim; STONE, Adam; SURRIDGE, Ed; SARGEANT, Anthony; MOORE, Timothy
 (74) Davies Collison Cave Pty Ltd

Numerical Index

2023100103 Jemella Limited
2024100008 Annex Products Pty Ltd

IPC Index

A45D 1 /-

2023100103

A45D 2 /-

2023100103

A45D 20 /-

2023100103

B60R 11 /-

2024100008

B62J 11 /-

2024100008

F16M 13 /-

2024100008

Patents Granted

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2017202416	2017214338	2017224122	2017261483
2017300021	2017304100	2017316768	2017409192
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2018241250	2018247168	2018250517	2018253031
2018253885	2018254743	2018256890	2018260194
2018260557	2018267640	2018274174	2018274206
2018277596	2018279206	2018281696	2018282353
2018286644	2018299920	2018302151	2018307454
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2018329661	2018335832	2018345850	2018349094
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2019249818	2019256705	2019260864	2019289210
2019296817	2019297205	2019298749	2019304200
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2019479700	2020202452	2020216283	2020228678
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2020275435	2020281380	2020289035	2020314508
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2020410906	2020419579	2020430752	2020464477
2020465979	2020470159	2021203192	2021205013
2021218871	2021222454	2021247958	2021254583
2021267697	2021275020	2021277731	2021286395
2021286757	2021290237	2021317174	2021319162
2021325729	2021330485	2021339921	2021341444
2021341467	2021369576	2021404157	2021405508
2021419833	2021428715	2021450256	2021454582
2021461030	2022200215	2022201102	2022201194
2022201235	2022201328	2022201764	2022202305
2022202322	2022202533	2022202626	2022202708
2022202838	2022202851	2022203104	2022203571
2022203650	2022203721	2022206702	2022209214
2022219631	2022221450	2022231687	2022235620
2022235625	2022256152	2022259730	2022263570
2022268404	2022283694	2022287602	2022313274
2022328205	2022328256	2022342651	2022351351
2023200750	2023200880	2023200987	2023201378
2023201697	2023202007	2023203072	2023203938
2023215508	2023229614		

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2024100021

Assignments Registered

- 2008288652 Universite Laval The patent has been assigned to **14975162 CANADA INC.**
- 2008350903 Celladon Corporation The patent has been assigned to **SARDOCOR CORP.**
- 2010228117 Pivalux Innovations Pty Ltd The patent has been assigned to **3Fold Resources Pty Ltd**
- 2010330720 Graphika, Inc. The patent has been assigned to **Graphika Technologies, Inc.**
- 2012203437 ALSTOM Transport Technologies The patent has been assigned to **ALSTOM Holdings**

Assignments Registered

- 2012250295 Lurgi GmbH The patent has been assigned to **Nalwa Special Steel (Raigarh) Limited**
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- 2014337339 TechMah Medical LLC The patent has been assigned to **Mahfouz, Mohamed**
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- 2014377573 Kohler Co. The patent has been assigned to **Discovery Energy, LLC**
- 2015209718 Psomagen, Inc. The patent has been assigned to **Macrogen Inc.**
- 2015287598 TechMah Medical LLC The patent has been assigned to **Mahfouz, Mohamed**
- 2015294656 L'air Liquide Societe Anonyme Pour L'etude Et L' Exploitation Des Procedes Georges Claude The patent has been assigned to **Nalwa Special Steel (Raigarh) Limited**
- 2015341098 L'Air Liquide Societe Anonyme pour l'Etude et l'Exploitation des Procedes Georges Claude The patent has been assigned to **Nalwa Special Steel (Raigarh) Limited**
- 2015357769 L'Air Liquide Societe Anonyme pour l'Etude et l'Exploitation des Procedes Georges Claude The patent has been assigned to **Nalwa Special Steel (Raigarh) Limited**
- 2016203541 Electrical Home-Aids Pty Ltd The patent has been assigned to **Atlam Holdings Pty Ltd.**

Assignments Registered

2016232976 Freeflow Energy Pty Limited The patent has been assigned to **Altum Green Energy Limited**

2016262801 Paranhos Torres, Mauricio The patent has been assigned to **Alphacore Tecnologia e Desenvolvimento de Capaceted S.A.**

2016302382 Electrical Home-Aids Pty Ltd The patent has been assigned to **Atlam Holdings Pty Ltd.**

2016321349 Psomagen, Inc. The patent has been assigned to **Macrogen Inc.**

2016331198 Compagnie Generale des Etablissements Michelin The patent has been assigned to **Trailer Aerodynamics LLC**

2016331201 Compagnie Generale des Etablissements Michelin The patent has been assigned to **Trailer Aerodynamics LLC**

2016366836 Compagnie Generale des Etablissements Michelin The patent has been assigned to **Trailer Aerodynamics LLC**

2017200214 ALSTOM Transport Technologies The patent has been assigned to **ALSTOM Holdings**

2017366558 Compagnie Generale des Etablissements Michelin The patent has been assigned to **Trailer Aerodynamics LLC**

2017397231 Compagnie Generale des Etablissements Michelin The patent has been assigned to **Trailer Aerodynamics LLC**

2018101322 Associated Celebrity Talent Application Pty Ltd The patent has been assigned to **The Event Ecosystem Pty Limited**

2018332980 Ultra Hom LLC The patent has been assigned to **ORCHARD ULTRASOUND INNOVATION LLC**

2018342610 Compagnie Generale des Etablissements Michelin The patent has been assigned to **Trailer Aerodynamics LLC**

2019337282 Intropack Co., Ltd. The patent has been assigned to **Intropack Co., Ltd.; NUC Electronics Co., Ltd.**

2020201780 Compagnie Generale des Etablissements Michelin The patent has been assigned to **Trailer Aerodynamics LLC**

2020201989 Progressive Sterilization, LLC The patent has been assigned to **SteriCUBE Surgical Systems, LLC.**

Mortgages Registered - Section 187, Reg. 19

(The name in the parentheses is that of the mortgagee)

2009290123 CARBON REVOLUTION PTY LTD (Gallagher IP Solutions LLC)

2012261644 CARBON REVOLUTION PTY LTD (Gallagher IP Solutions LLC)

2012261712 CARBON REVOLUTION PTY LTD (Gallagher IP Solutions LLC)

2013204015 CARBON REVOLUTION PTY LTD (Gallagher IP Solutions LLC)

2014311253 CARBON REVOLUTION PTY LTD (Gallagher IP Solutions LLC)

2016202603 CARBON REVOLUTION PTY LTD (Gallagher IP Solutions LLC)

2018317940 CARBON REVOLUTION PTY LTD (Gallagher IP Solutions LLC)

Mortgages Registered - Section 187, Reg. 19

2018317944 CARBON REVOLUTION PTY LTD (Gallagher IP Solutions LLC)

Discharge of a Mortgage

2009290123 Discharge of a Mortgage was made in the Register on 29.07.2024 .

2012261644 Discharge of a Mortgage was made in the Register on 29.07.2024 .

2012261712 Discharge of a Mortgage was made in the Register on 29.07.2024 .

2013204015 Discharge of a Mortgage was made in the Register on 29.07.2024 .

2014311253 Discharge of a Mortgage was made in the Register on 29.07.2024 .

2016202603 Discharge of a Mortgage was made in the Register on 29.07.2024 .

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.

2014358792 **Pfizer Inc.**

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

For the goods LITFULO ritlecitinib

Applications Accepted

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

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

2012214224 **ZS Pharma, Inc**

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

For the goods LOKELMA sodium zirconium cyclosilicate hydrate

Address for service : Phillips Ormonde Fitzpatrick L 16 333 Collins St Melbourne VIC 3000 AU

2013334776 **ZS Pharma, Inc.**

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

For the goods LOKELMA sodium zirconium cyclosilicate hydrate

Address for service : Phillips Ormonde Fitzpatrick L 16 333 Collins St Melbourne VIC 3000 AU

2014242906 **OGEDA SA**

The earliest first regulatory approval date provided by the patentee 26 Feb 2024

For the goods VEOZA fezolinetant

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

2014346576 **ZS Pharma, Inc.**

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

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Accepted

For the goods **LOKELMA** sodium zirconium cyclosilicate hydrate

Address for service : Phillips Ormonde Fitzpatrick L 16 333 Collins St Melbourne VIC 3000 AU

2014358792 **Pfizer Inc.**

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

For the goods **LITFULO** ritlecitinib

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

2017283720 **Alexion Pharmaceuticals, Inc.**

The earliest first regulatory approval date provided by the patentee 03 Jul 2023

For the goods **ANDEXXA** andexanet alfa

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

Corrigenda

In Vol 58 , No 25 , Page(s) 3613 under the heading **Assignments Before Grant, Section 113 - 2022** Under the name Thales Deutschland GmbH, Application No. 2022283771, under INID (71) correct the applicant name to GTS Deutschland GmbH

In Vol 58 , No 28 , Page(s) 4160 under the heading **Applications Accepted - Name Index** Under the name Immatrics US Inc., Application No. 2018372206, under INID (71) correct the applicant name to Immatrics US, Inc.

Specifications Republished

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

- 2018267611 **ALSTOM Holdings**
- 2019409184 **SinoCellTech Ltd.**
- 2020466989 **OPHTHALMO PRO GMBH**
- 2020473992 **URSCHEL LABORATORIES, INC.; PEPSICO, INC.**
- 2020476669 **ELECTROLUX APPLIANCES AKTIEBOLAG**
- 2020476995 **VIASAT, INC.**
- 2020481265 **NORDISCHER MASCHINENBAU RUD. BAADER GMBH + CO. KG**
- 2021271338 **Theramex HQ UK Limited**
- 2021321545 **ARRIS Enterprises LLC**
- 2021327397 **TERNS PHARMACEUTICALS, INC.**
- 2021329920 **NORTHEASTERN UNIVERSITY**
- 2021332076 **OMNICELL, INC.**
- 2021333389 **ZELLABOX PTY LTD**
- 2021333744 **KNITREGEN LIMITED**
- 2021338957 **ALTAMIRA MEDICA, AG**
- 2021339043 **CROVER LTD**
- 2021339674 **SHELTERED WINGS, INC. D/B/A VORTEX OPTICS**
- 2021339852 **SIEMENS SCHWEIZ AG**
- 2021341543 **UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION**
- 2021342585 **AIM IMMUNOTECH INC.**
- 2021344091 **TAIHO PHARMACEUTICAL CO., LTD.; ASTEX PHARMACEUTICALS, INC.**
- 2021344837 **CATERPILLAR GLOBAL MINING EQUIPMENT LLC**
- 2021344871 **RAZIEL THERAPEUTICS LTD.**
- 2021345378 **SCHENCK PROCESS AUSTRALIA PTY LIMITED**

Specifications Republished

- 2021345429 **ANTARES PHARMA, INC.**
- 2021346280 **TISSUE-LINK APS**
- 2021347329 **DUSTY ROBOTICS, INC.**
- 2021347379 **LINUS HEALTH, INC.**
- 2021349350 **BRAIME GROUP PLC**
- 2021349904 **CSPC ZHONGQI PHARMACEUTICAL TECHNOLOGY (SHIJIAZHANG) CO., LTD**
- 2021350031 **UNIVERSITY OF CINCINNATI**
- 2021350127 **PHILIP MORRIS PRODUCTS S.A.**
- 2021351548 **Apalta Patents OÜ**
- 2021351686 **OWENS-BROCKWAY GLASS CONTAINER INC.**
- 2021352888 **HILL'S PET NUTRITION, INC.**
- 2021356164 **MC2 THERAPEUTICS LTD**
- 2021356174 **PHILIP MORRIS PRODUCTS S.A.**
- 2021356609 **TRIVIDIA HEALTH, INC.**
- 2021357599 **LINNANE PHARMA AB**
- 2021357846 **BETT1.DE GMBH**
- 2021358482 **JOHNSON & JOHNSON CONSUMER INC.**
- 2021359777 **FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.**
- 2021359832 **PRESIDENT AND FELLOWS OF HARVARD COLLEGE; BOARD OF REGENTS OF THE UNIVERSITY OF NEBRASKA**
- 2021360214 **ICEYE OY**
- 2021360308 **TG PHARMA SPÓŁKA Z OGRANICZONĄ ODPOWIEDZIALNOŚCIĄ**
- 2021360827 **SOTERA WIRELESS, INC.**
- 2021360927 **OSCIFLEX LLC**
- 2021360951 **NEXT SCIENCE IP HOLDINGS PTY LTD**
- 2021361970 **JACOBIO PHARMACEUTICALS CO., LTD.**
- 2021363683 **ARDENT LIMITED**
- 2021364539 **Formulatrix International Holding Ltd.**
- 2021364998 **CERUS CORPORATION**
- 2021365775 **NEW YORK SOCIETY FOR THE RELIEF OF THE RUPTURED AND CRIPPLED, MAINTAINING THE HOSPITAL FOR SPECIAL SURGERY**
- 2021366265 **TAJIMA SOFTWARE SOLUTIONS INC.**
- 2021366270 **MUSTGROW BIOLOGICS CORP.**
- 2021366372 **INIXIO LIMITED**
- 2021366457 **LAKE PRODUCTS LIMITED**
- 2021369739 **SOLENIUS TECHNOLOGIES CAYMAN, L.P.**
- 2021370840 **T3 PHARMACEUTICALS AG**
- 2021370893 **GEN1E LIFESCIENCES INC.**
- 2021371789 **BÜHLER AG**
- 2021371932 **JANSSEN BIOTECH, INC.**
- 2021372731 **ACTIVE FOOD SYSTEMS LIMITED**
- 2021372848 **SHENZHEN PROTGEN LTD.**
- 2021373326 **QUELL THERAPEUTICS LTD**
- 2021373335 **SALARUSTA OY**
- 2021374415 **CATERPILLAR INC.**
- 2021374792 **FABER, P.**
- 2021374843 **Novo Nordisk A/S**
- 2021376873 **HILOTHERM HOLDING AG**
- 2021377138 **VERDOX, INC.**
- 2021377686 **THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK**
- 2021377734 **TOPSOE A/S**
- 2021378828 **HATCH LTD.**
- 2021379570 **HOLLISTER INCORPORATED**
- 2021380737 **FLEXCHARGING, INC.**
- 2021381371 **MODERNATX, INC.**
- 2021381456 **CATERPILLAR INC.**
- 2021381735 **TOPPAN INC.**
- 2021381989 **CISION VISION, INC.**
- 2021382599 **PROTOMER TECHNOLOGIES INC.**
- 2021382606 **CONSTELLATION PHARMACEUTICALS, INC**
- 2021382883 **GENFIT**
- 2021383373 **HIROTSU BIO SCIENCE INC.**
- 2021386149 **AMGEN INC.**
- 2021386535 **TANIOBIS GMBH**

Specifications Republished

2021386892 THE HOSPITAL FOR SICK CHILDREN
2021388076 TREXAPHARM PTY LTD
2021388141 AISA PHARMA, INC.
2021388171 HEPION PHARMACEUTICALS, INC.
2021388788 Pelviray IP Ltd
2021388798 KATHOLIEKE UNIVERSITEIT LEUVEN
2021389671 MONASH UNIVERSITY
2021390006 NUOVO PIGNONE TECNOLOGIE - S.R.L.
2021391745 ETIENNE LACROIX TOUS ARTIFICES S.A.
2021391751 NICOVENTURES TRADING LIMITED
2021393789 UNIVERSITÄT ZÜRICH
2021394083 SUNGROW POWER SUPPLY CO., LTD.
2021397868 DE LA RUE INTERNATIONAL LIMITED
2021399050 FRIESLANDCAMPINA NEDERLAND B.V.
2021399225 PATIL, R.S.
2021399250 SOCIETE DES PRODUITS NESTLE SA
2021400284 BICARA THERAPEUTICS INC.
2021400331 BARD ACCESS SYSTEMS, INC.
2021400828 ILLUMINA, INC.
2021401472 ZODIAC POOL SYSTEMS LLC
2021404771 LONGI GREEN ENERGY TECHNOLOGY CO., LTD.
2021405024 INTERNATIONAL BUSINESS MACHINES CORPORATION
2021406419 MITSUBISHI HEAVY INDUSTRIES THERMAL SYSTEMS, LTD.
2021408943 ISHIHARA SANGYO KAISHA, LTD.
2021410043 SYNTENY THERAPEUTICS, INC.
2021410078 QUALCOMM INCORPORATED
2021411203 CHINT NEW ENERGY TECHNOLOGY CO., LTD.
2021413086 BLUE RIVER TECHNOLOGY INC.
2021416361 NAVIN SAXENA RESEARCH & TECHNOLOGY PVT. LTD.
2021427966 IHI CORPORATION
2021440561 CHIYODA CORPORATION
2022206352 BAMBINO PREZIOSO SWITZERLAND AG
2022211575 SAINT-GOBAIN PLACO
2022216856 WONDERLAND SWITZERLAND AG
2022319463 LG ENERGY SOLUTION, LTD.
2022322257 HOYA TECHNOSURGICAL CORPORATION
2024200502 Celerium Inc.

26 Jul 2024

2023100061

SECTION 105 PATENTS ACT 1990 (Cth)

Advertisement for publication in the Official Journal pursuant to Rule 34.41 of the Federal Court Rules 2011 (Cth)

PATENT DETAILS

Australian Innovation Patent Number **2023100061** in the name of Kumiai Chemical Industry Co., Ltd., titled 'Process for producing herbicide and intermediate thereof'.

IDENTITY OF PROCEEDING IN WHICH APPLICATION WILL BE MADE (Rule 34.41(1)(a))

Federal Court of Australia Proceeding No. VID 641 of 2024.

PARTIES TO THE PROCEEDING (Rule 34.41(1)(a))

Kumiai Chemical Industry Co., Ltd. (Applicant).

Kenso Corporation (M) SDN. BHD. (First Respondent).

Kenso Agcare Pty Ltd (ABN 49 115 269 460) (Second Respondent).

PARTICULARS OF PROPOSED AMENDMENT (Rule 34.41(1)(b))

The patentee, Kumiai Chemical Industry Co., Ltd., proposes to apply for an order under section 105(1) of the *Patents Act 1990* (Cth), and in accordance with rule 34.41 of the *Federal Court Rules 2011* (Cth), for a direction that Australian Innovation Patent No. 2023100061 be amended. The particulars of the amendment sought are:

1 Replace pages 373 and 374 with amended pages 373 and 374.

APPLICANT'S (PATENTEE'S) ADDRESS FOR SERVICE (Rule 34.41(1)(c))

Allens

Level 37, 101 Collins Street

Melbourne VIC 3000

Email: Caroline.Ryan@allens.com.au

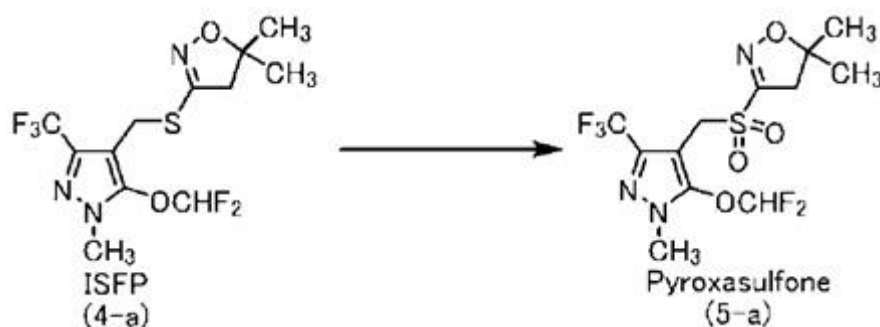
OPPOSITION (Rule 34.41(1)(d))

Any person intending to oppose the application not being a party to the proceeding must, not later than 28 days after publication of this advertisement, give written notice of that intention to each of the Commissioner of Patents, Kumiai Chemical Industry Co., Ltd. at the above address for service, and Kenso Corporation (M) SDN. BHD. and Kenso Agcare Pty Ltd (ABN 49 115 269 460) at Thomson Geer, Level 28, One Eagle – Waterfront Brisbane, 1 Eagle Street, Brisbane QLD 4000, Australia (Attention: Tony Conaghan).

Production of 3-[(5-difluoromethoxy-1-methyl-3-trifluoromethylpyrazol-4-yl)methylsulfonyl]-4,5-dihydro-5,5-dimethylisoxazole (compound 5-a)

[1037]

[Chemical Formula 89]



[1038]

Under a nitrogen stream, the compound (4-a) (0.9 g, purity: 100%, 2.5 mmol, 100 mol%), 2 mL (0.8 L/mol) of dimethylformamide, and lithium tantalate (29 mg, 0.125 mmol, 5 mol%) were added to a reaction flask. The mixture was heated to an internal temperature of 75°C to 80°C. A 35% aqueous hydrogen peroxide solution (1.42 g, 14.6 mmol, 500 mol%, containing 0.92 g (0.37 L/mol) of water) was added thereto, and the mixture was aged for 6 hours.

At this point of time, the mixture was analyzed in HPLC area percentage (230 nm). As a result, 3-[(5-difluoromethoxy-1-methyl-3-trifluoromethylpyrazol-4-yl)methylsulfonyl]-4,5-dihydro-5,5-dimethylisoxazole (Compound 6-a; SO derivative) was 29.3%,

3-[(5-difluoromethoxy-1-methyl-3-

trifluoromethylpyrazol-4-yl)methylsulfonyl]-4,5-dihydro-5,5-dimethylisoxazole (Compound 5-a; SO₂ derivative) was 67.1%, and

3-[(5-difluoromethoxy-1-methyl-3-trifluoromethylpyrazol-4-yl)methylthio]-4,5-dihydro-5,5-dimethylisoxazole (Compound 4-a; S derivative) was 0%.

[1039]

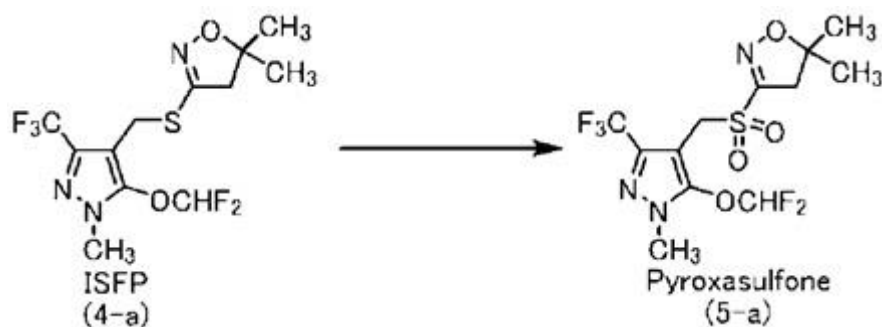
[Example 2-32]

(Step iii)

Production of 3-[(5-difluoromethoxy-1-methyl-3-trifluoromethylpyrazol-4-yl)methylsulfonyl]-4,5-dihydro-5,5-dimethylisoxazole (compound 5-a)

[1040]

[Chemical Formula 90]



[1041]

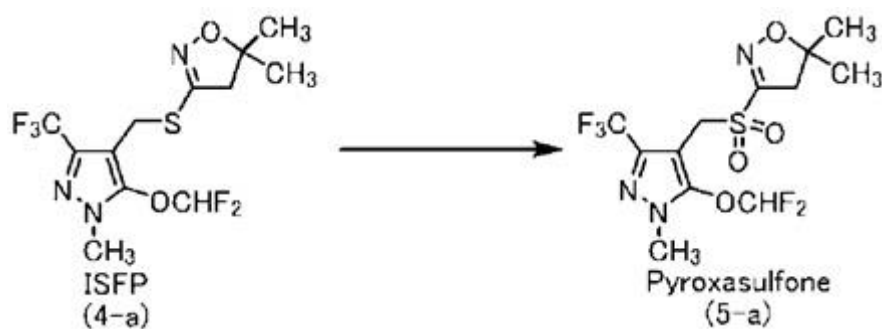
Under a nitrogen stream, the compound (4-a) (0.9 g, purity: 100%, 2.5 mmol, 100 mol%), 2 mL (0.8 L/mol) of dimethylformamide, and lithium tantalate (290 mg, 1.25 mmol, 50 mol%) were added to a reaction flask. The mixture was heated to an internal temperature of 75°C to 80°C. A

2023100061 26 Jul 2024

Production of 3-[(5-difluoromethoxy-1-methyl-3-trifluoromethylpyrazol-4-yl)methylsulfonyl]-4,5-dihydro-5,5-dimethylisoxazole (compound 5-a)

[1037]

[Chemical Formula 89]



[1038]

Under a nitrogen stream, the compound (4-a) (0.9 g, purity: 100%, 2.5 mmol, 100 mol%), 2 mL (0.8 L/mol) of dimethylformamide, and lithium ~~tungstate~~ tantalate (29 mg, 0.125 mmol, 5 mol%) were added to a reaction flask. The mixture was heated to an internal temperature of 75°C to 80°C. A 35% aqueous hydrogen peroxide solution (1.42 g, 14.6 mmol, 500 mol%, containing 0.92 g (0.37 L/mol) of water) was added thereto, and the mixture was aged for 6 hours.

At this point of time, the mixture was analyzed in HPLC area percentage (230 nm). As a result, 3-[(5-difluoromethoxy-1-methyl-3-trifluoromethylpyrazol-4-yl)methylsulfonyl]-4,5-dihydro-5,5-dimethylisoxazole (Compound 6-a; SO derivative) was 29.3%,

2023100061 26 Jul 2024

3-[(5-difluoromethoxy-1-methyl-3-trifluoromethylpyrazol-4-yl)methylsulfonyl]-4,5-dihydro-5,5-dimethylisoxazole (Compound 5-a; SO₂ derivative) was 67.1%, and

3-[(5-difluoromethoxy-1-methyl-3-trifluoromethylpyrazol-4-yl)methylthio]-4,5-dihydro-5,5-dimethylisoxazole (Compound 4-a; S derivative) was 0%.

[1039]

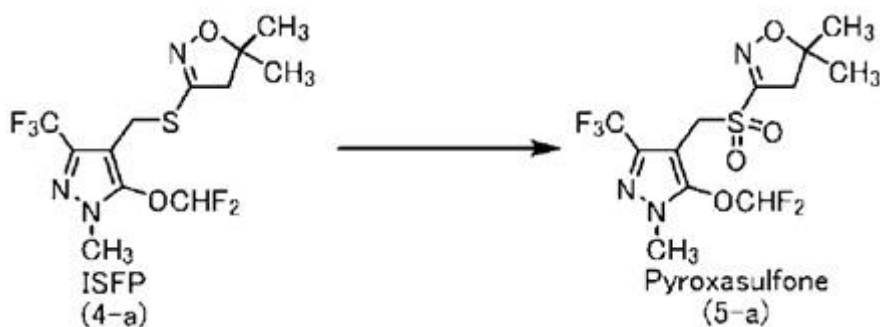
[Example 2-32]

(Step iii)

Production of 3-[(5-difluoromethoxy-1-methyl-3-trifluoromethylpyrazol-4-yl)methylsulfonyl]-4,5-dihydro-5,5-dimethylisoxazole (compound 5-a)

[1040]

[Chemical Formula 90]



[1041]

Under a nitrogen stream, the compound (4-a) (0.9 g, purity: 100%, 2.5 mmol, 100 mol%), 2 mL (0.8 L/mol) of dimethylformamide, and lithium ~~tungstate~~tantalate (290 mg, 1.25 mmol, 50 mol%) were added to a reaction flask. The

mixture was heated to an internal temperature of 75°C to
80°C. A

2023100061 26 Jul 2024